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# County of Fresno

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STEVEN E. WHITE DIRECTOR

**FILED**  
JUN 24 2019  
11:04 PM  
FRESNO COUNTY CLERK  
By Nina Lopez DEPUTY

## NOTICE OF INTENT TO ADOPT A MITIGATED NEGATIVE DECLARATION

For County Clerk's Stamp

Notice is hereby given that the County of Fresno has prepared Initial Study Application (IS) No. 7608 pursuant to the requirements of the California Environmental Quality Act for the following proposed project:

**INITIAL STUDY APPLICATION NO. 7608 and UNCLASSIFIED CONDITIONAL USE PERMIT APPLICATION NOS. 3642-3647** filed by **MASS ENERGY WORKS, INC.** on behalf of **FIVE POINTS PIPELINE, LLC, L&J VANDERHAM DAIRY, VAN DER HOEK DAIRY BIOGAS LLC, VAN DER KOOI DAIRY POWER LLC, and WILSON DAIRY BIOGAS LLC**, proposing to allow the installation of four new covered lagoon anaerobic dairy digesters with related biogas conditioning equipment and biogas generators to produce electricity on four existing dairies; the installation of biogas conditioning equipment at a fifth dairy with an existing digester and generator; the construction of an approximately 10.5 mile underground pipeline to connect the participating dairies; and allow produced biomethane to be transported to a centralized hub where a biogas upgrading facility will be constructed to clean and condense the biogas before it is injected into the PG&E natural gas transmission line.

The project is bounded by the unincorporated communities of Five Points to the southwest, Helm to the north, Burrell to the northeast, and Lanare to the east and southeast; State Route 145 (Madera Avenue) on the west; Mount Whitney Avenue on the south; Jameson Avenue on the east; and Kamm Avenue on the north; within the AE-20 (Exclusive Agricultural, 20-acre minimum parcel size) and AE-40 (Exclusive Agricultural, 40-acre minimum parcel size) Zone Districts (SUP. DIST. 1 and 4) (Dairies: APN Nos. 040-130-51S, 050-160-16S, 050-270-56S, 050-170-41S, 050-260-12S, 040-130-35S) (Pipeline APN Nos. 040-130-35S, 49, 44S, 48S, 51S; 041-100-17, 45S; 050-160-13S, 16S; 050-170-41S; 050-200-38S; 050-230-20S, 23S; 050-260-10S, 11S, 12S; 050-270-56S).

Adopt the Mitigated Negative Declaration prepared for Initial Study Application No. 7608, and take action on Unclassified Conditional Use Permit Application Nos. 3642-3647 with Findings and Conditions.

(hereafter, the "Proposed Project")

The County of Fresno has determined that it is appropriate to adopt a Mitigated Negative Declaration for the Proposed Project. The purpose of this Notice is to (1) provide notice of the availability of IS Application No. 7608 and the draft Mitigated Negative Declaration, and request

written comments thereon; and (2) provide notice of the public hearing regarding the Proposed Project.

**Public Comment Period**

The County of Fresno will receive written comments on the Proposed Project and Mitigated Negative Declaration from June 26, 2019 through July 25, 2019.

Email written comments to [jshaw@fresnocountyca.gov](mailto:jshaw@fresnocountyca.gov), or mail comments to:

Fresno County Department of Public Works and Planning  
Development Services and Capital Projects Division  
Attn: Jeremy Shaw  
2220 Tulare Street, Suite A  
Fresno, CA 93721

IS Application No. 7608 and the draft Mitigated Negative Declaration may be viewed at the above address Monday through Thursday, 9:00 a.m. to 5:00 p.m., and Friday, 8:30 a.m. to 12:30 p.m. (except holidays), or at [www.co.fresno.ca.us/initialstudies](http://www.co.fresno.ca.us/initialstudies). An electronic copy of the draft Mitigated Negative Declaration for the Proposed Project may be obtained from Jeremy Shaw at the addresses above.

**Public Hearing**

The Planning Commission will hold a public hearing to consider approving the Proposed Project and the Mitigated Negative Declaration on August 8, 2019 at 8:45 a.m., or as soon thereafter as possible, in Room 301, Hall of Records, 2281 Tulare Street, Fresno, California 93721. Interested persons are invited to appear at the hearing and comment on the Proposed Project and draft Mitigated Negative Declaration.

For questions please call Jeremy Shaw (559) 600-4207.

Published: June 26, 2019

Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613
For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

SCH #

Project Title: Initial Study Application No. 7608, Unclassified Conditional Use Permit Application Nos. 3642, 3643, 3644, 3645

Lead Agency: County of Fresno Contact Person: Jeremy Shaw
Mailing Address: 2220 Tulare Street, 6th Floor Phone: (559)-600-4207
City: Fresno Zip: 93721 County: Fresno

Project Location: County: Fresno City/Nearest Community: Helm
Cross Streets: W. Mt. Whitney Ave./ S. Howard Ave., Elkhorn Grade/ W. Elkhorn Ave., W. Elhorn Ave./ Zip Code: 93656,93627
Longitude/Latitude (degrees, minutes and seconds): Section: 3,4,5,6 Twp.: 16S,17S Range: 18E Base: MDBM
Assessor's Parcel No.: (050-170-41S) (050-160-13S,16S)
Within 2 Miles: State Hwy #: 145 (S. Lassen Ave.) Waterways: Fresno Slough
Airports: American Ag Aviation/Private Railways: Southern Pacific Schools: Helm Elementary School

Document Type:

- CEQA: [ ] NOP [ ] Draft EIR NEPA: [ ] NOI Other: [ ] Joint Document
[ ] Early Cons [ ] Supplement/Subsequent EIR [ ] EA [ ] Final Document
[ ] Neg Dec (Prior SCH No.) [ ] Draft EIS [ ] Other:
[X] Mit Neg Dec Other: [ ] FONSI

Local Action Type:

- [ ] General Plan Update [ ] Specific Plan [ ] Rezone [ ] Annexation
[ ] General Plan Amendment [ ] Master Plan [ ] Prezone [ ] Redevelopment
[ ] General Plan Element [ ] Planned Unit Development [X] Use Permit [ ] Coastal Permit
[ ] Community Plan [ ] Site Plan [ ] Land Division (Subdivision, etc.) [ ] Other:

Development Type:

- [ ] Residential: Units Acres
[ ] Office: Sq.ft. Acres Employees Transportation: Type
[X] Commercial: Sq.ft. Acres Employees Mining: Mineral
[ ] Industrial: Sq.ft. Acres Employees Power: Type biogas generator MW
[ ] Educational: Waste Treatment: Type anaerobic digester MGD
[ ] Recreational: Hazardous Waste: Type
[ ] Water Facilities: Type MGD Other:

Project Issues Discussed in Document:

- [X] Aesthetic/Visual [ ] Fiscal [X] Recreation/Parks [X] Vegetation
[X] Agricultural Land [X] Flood Plain/Flooding [X] Schools/Universities [X] Water Quality
[X] Air Quality [X] Forest Land/Fire Hazard [X] Septic Systems [X] Water Supply/Groundwater
[X] Archeological/Historical [X] Geologic/Seismic [X] Sewer Capacity [X] Wetland/Riparian
[X] Biological Resources [X] Minerals [X] Soil Erosion/Compaction/Grading [X] Growth Inducement
[ ] Coastal Zone [X] Noise [X] Solid Waste [X] Land Use
[X] Drainage/Absorption [X] Population/Housing Balance [X] Toxic/Hazardous [X] Cumulative Effects
[ ] Economic/Jobs [X] Public Services/Facilities [X] Traffic/Circulation [ ] Other:

Present Land Use/Zoning/General Plan Designation:

Agriculture (Dairies)/AE-20/AE-40/Agriculture

Project Description: (please use a separate page if necessary)
This project proposes to allow the installation of four new covered lagoon anaerobic dairy digesters with related biogas conditioning equipment and biogas generators to produce electricity on four existing dairies; the installation of biogas conditioning equipment at a fifth dairy with an existing digester and generator; the construction of an approximately 10.5 mile underground pipeline to connect the participating dairies; and allow produced biomethane to be transported to a centralized hub where a biogas upgrading facility will be constructed to clean and condense the biogas before it is injected into the PG&E natural gas transmission line.

## Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with an "X".  
If you have already sent your document to the agency please denote that with an "S".

<input type="checkbox"/> Air Resources Board	<input type="checkbox"/> Office of Historic Preservation
<input type="checkbox"/> Boating & Waterways, Department of	<input type="checkbox"/> Office of Public School Construction
<input type="checkbox"/> California Emergency Management Agency	<input type="checkbox"/> Parks & Recreation, Department of
<input type="checkbox"/> California Highway Patrol	<input type="checkbox"/> Pesticide Regulation, Department of
<input checked="" type="checkbox"/> Caltrans District #6	<input checked="" type="checkbox"/> Public Utilities Commission
<input type="checkbox"/> Caltrans Division of Aeronautics	<input type="checkbox"/> Regional WQCB # _____
<input type="checkbox"/> Caltrans Planning	<input type="checkbox"/> Resources Agency
<input type="checkbox"/> Central Valley Flood Protection Board	<input type="checkbox"/> Resources Recycling and Recovery, Department of
<input type="checkbox"/> Coachella Valley Mtns. Conservancy	<input type="checkbox"/> S.F. Bay Conservation & Development Comm.
<input type="checkbox"/> Coastal Commission	<input type="checkbox"/> San Gabriel & Lower L.A. Rivers & Mtns. Conservancy
<input type="checkbox"/> Colorado River Board	<input type="checkbox"/> San Joaquin River Conservancy
<input type="checkbox"/> Conservation, Department of	<input type="checkbox"/> Santa Monica Mtns. Conservancy
<input type="checkbox"/> Corrections, Department of	<input type="checkbox"/> State Lands Commission
<input type="checkbox"/> Delta Protection Commission	<input type="checkbox"/> SWRCB: Clean Water Grants
<input type="checkbox"/> Education, Department of	<input checked="" type="checkbox"/> SWRCB: Water Quality
<input type="checkbox"/> Energy Commission	<input type="checkbox"/> SWRCB: Water Rights
<input checked="" type="checkbox"/> Fish & Game Region #9	<input type="checkbox"/> Tahoe Regional Planning Agency
<input type="checkbox"/> Food & Agriculture, Department of	<input type="checkbox"/> Toxic Substances Control, Department of
<input checked="" type="checkbox"/> Forestry and Fire Protection, Department of	<input type="checkbox"/> Water Resources, Department of
<input type="checkbox"/> General Services, Department of	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Health Services, Department of	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Housing & Community Development	
<input type="checkbox"/> Native American Heritage Commission	

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### Local Public Review Period (to be filled in by lead agency)

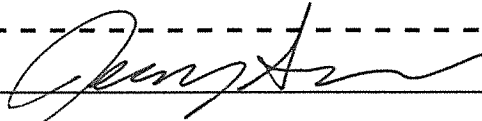
Starting Date June 26, 2019 Ending Date July 25, 2019

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### Lead Agency (Complete if applicable):

Consulting Firm: _____	Applicant: <u>Maas Energy Works, Inc.</u>
Address: _____	Address: <u>3711 Meadow View Drive, Suite 100</u>
City/State/Zip: _____	City/State/Zip: <u>Redding, CA 96002</u>
Contact: _____	Phone: <u>530-410-0859</u>
Phone: _____	

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Signature of Lead Agency Representative:  Date: 6-24-19

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources Code.



# County of Fresno

DEPARTMENT OF PUBLIC WORKS AND PLANNING  
STEVEN E. WHITE, DIRECTOR

## INITIAL STUDY ENVIRONMENTAL CHECKLIST FORM

1. **Project title:**  
Initial Study Application No. 7608, Unclassified Conditional Use Permit Application Nos. 3642, 3643, 3644, 3645, 3646, and 3647.
2. **Lead agency name and address:**  
Fresno County Department of Public Works and Planning  
Development Services and Capital Projects Division  
2220 Tulare Street, 6<sup>th</sup> Floor  
Fresno, CA 93721-2104
3. **Contact person and phone number:**  
Jeremy Shaw, Planner, (559) 600-4207
4. **Project location:**  
The proposed project area is bounded by the unincorporated communities of Five Points, Helm, Burrel and Lanare; South Lassen Avenue (State Route 145) to the west, and the Fresno Slough to the east. The subject parcels are located within both the AE-20 (Exclusive Agricultural, 20-acre minimum parcel size) Zone District and the AE-40 (Exclusive Agricultural, 40-acre minimum parcel size) Zone District.
5. **Project sponsor's name and address:**  
Five Points Pipeline, LLC  
3711 Meadow View Drive, Suite 100  
Redding, CA 96002
6. **General Plan designation:**  
Agriculture
7. **Zoning:**  
The project sites are located in both the AE-20 (Exclusive Agricultural, 20-acre minimum parcel size) Zone District and AE-40 (Exclusive Agricultural, 40-acre minimum parcel size) Zone District.
8. **Description of project: (Describe the whole action involved, including, but not limited to, later phases of the project, and any secondary, support, or off-site features necessary for its implementation. Attach additional sheets if necessary.)**  
Allow a dairy digester cluster and pipeline, which entails the installation of four new covered lagoon type, anaerobic dairy digesters with related biogas conditioning equipment and biogas generators at four existing dairy sites, the installation of biogas conditioning equipment at an existing digester site, the construction of a 10.5 mile long underground pipeline to connect the participating dairies and allow produced biomethane to be transported to one centralized hub, where a biogas upgrading facility will be constructed to clean and condense the biogas before it is injected into the PG&E main natural gas line. The gas upgrading equipment will remove moisture, hydrogen sulfide, and carbon dioxide before the gas is compressed and injected.

There will also be a separate Electrical Generation Facility constructed on the same site, which will contain biogas generator(s) and ancillary equipment, similar to the upgrading facility, to condition the biogas before it is utilized in the generators. The electrical generation facility will require new or upgraded service and connection equipment from PG&E, including the installation of new utility poles. The new biogas generators at each dairy and the central

hub, will produce electrical power to be utilized for the dairy operation and delivered to the PG&E grid, through a net energy metering agreement.

The central hub/biogas upgrading facility, including a PG&E Point of Interconnection and Injection, will include a Meter Set Assembly (MSA) to measure, odorize, and control the flow of gas to the PG&E main pipeline, which is located on the Open Sky Dairy (APN 050-170-41S). The central hub/biogas upgrading facility will allow cleaned and conditioned biogas to be converted into renewable natural gas, and injected into the PG&E main transmission/distribution line, which traverses the central hub site.

The approximately 10.5 mile long, underground, biogas pipeline, will consist of four-inch to six-inch diameter, high-density polyethylene (HDPE) low-pressure lines, connecting the five participating dairies to the central hub, thereby allowing each dairy to contribute conditioned biogas to the gathering lines (pipeline) leading to the central hub. The pipeline will be buried at a minimum depth of four feet, except where greater depth is necessary. The pipeline route will traverse a total of 17 parcels, including those containing the five participating dairies, make approximately five (5) County road right-of-way crossings, and approximately eight (8) irrigation canal crossings.

Project construction of the central hub/biogas upgrading facility, electrical generation facility, pipeline and participating digesters is anticipated to take approximately 10 months to complete, and once complete will operate 24 hours per day, seven days per week.

**9. Surrounding land uses and setting: Briefly describe the project's surroundings:**

The project site is located primarily on established dairies and the proposed pipeline will primarily traverse other large farming parcels adjacent to the dairies, as well as one parcel with an established agricultural aviation operation.

**10. Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement.)**

California Water Resources Control Board

**11. Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code Section 21080.3.1? If so, is there a plan for consultation that includes, for example, the determination of significance of impacts to tribal cultural resources, procedures regarding confidentiality, etc.?**

Per Assembly Bill 52 (AB52), participating California Native American Tribes, which had previously requested notification of land use projects were notified of the project and given the opportunity to enter consultation with the County regarding the proposal pursuant to Public Resources Code Section 21080.3.1; Of the four tribes that were notified, (Dumna Wo Wah, Picayune Rancheria of the Chuckchansi Indians, Santa Rosa Rancheria Tachi Yokut Tribe, and Table Mountain Rancheria), none responded to the notice or requested consultation.

NOTE: Conducting consultation early in the CEQA process allows tribal governments, lead agencies, and project proponents to discuss the level of environmental review, identify and address potential adverse impacts to tribal cultural resources, and reduce the potential for delay and conflict in the environmental review process. (See Public Resources Code Section 21080.3.2.)

Information may also be available from the California Native American Heritage Commission's Sacred Lands File per Public Resources Code Section 5097.96 and the California Historical Resources Information System administered by the California Office of Historic Preservation. Please also note that Public Resources Code Section 21082.3(c) contains provisions specific to confidentiality.

**ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:**

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

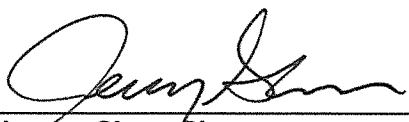
- |   |   |
|---|---|
| <input type="checkbox"/> Aesthetics                         | <input type="checkbox"/> Agriculture and Forestry Resources |
| <input type="checkbox"/> Air Quality                        | <input type="checkbox"/> Biological Resources               |
| <input type="checkbox"/>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

**DETERMINATION OF REQUIRED ENVIRONMENTAL DOCUMENT:**

On the basis of this initial evaluation:

- I find that the proposed project **COULD NOT** have a significant effect on the environment. **A NEGATIVE DECLARATION WILL BE PREPARED.**
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the Mitigation Measures described on the attached sheet have been added to the project. **A MITIGATED NEGATIVE DECLARATION WILL BE PREPARED.**
- I find the proposed project **MAY** have a significant effect on the environment, and an **ENVIRONMENTAL IMPACT REPORT** is required
- I find that as a result of the proposed project, no new effects could occur, or new Mitigation Measures would be required that have not been addressed within the scope of a previous Environmental Impact Report.

**PERFORMED BY:**

  
\_\_\_\_\_  
Jeremy Shaw, Planner

Date: 6-24-19

**REVIEWED BY:**

  
\_\_\_\_\_  
Marianne Mollring, Senior Planner

Date: 6-24-19

**INITIAL STUDY  
ENVIRONMENTAL CHECKLIST FORM  
(Initial Study Application No. 7608 and  
Classified Conditional Use Permit  
Application Nos. 3642-3647)**

The following checklist is used to determine if the proposed project could potentially have a significant effect on the environment. Explanations and information regarding each question follow the checklist.

1 = No Impact

2 = Less Than Significant Impact

3 = Less Than Significant Impact with Mitigation Incorporated

4 = Potentially Significant Impact

**I. AESTHETICS**

Except as provided in Public Resources Code Section 21099, would the project:

- 1 a) Have a substantial adverse effect on a scenic vista?
- 1 b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?
- 1 c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?
- 3 d) Create a new source of substantial light or glare that would adversely affect day or nighttime views in the area?

**II. AGRICULTURAL AND FORESTRY RESOURCES**

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

- 2 a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance, as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?
- 2 b) Conflict with existing zoning for agricultural use, or a Williamson Act Contract?
- 1 c) Conflict with existing zoning for forest land, timberland or timberland zoned Timberland Production?
- 1 d) Result in the loss of forest land or conversion of forest land to non-forest use?
- 2 e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use?

**III. AIR QUALITY**

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

- 2 a) Conflict with or obstruct implementation of the applicable Air Quality Plan?
- 2 b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?
- 2 c) Expose sensitive receptors to substantial pollutant concentrations?
- 2 d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

**IV. BIOLOGICAL RESOURCES**

Would the project:

- 3 a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?
- 3 b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?
- 3 c) Have a substantial adverse effect on state or federally-protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?
- 1 d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?
- 1 e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?
- 1 f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state Habitat Conservation Plan?

**V. CULTURAL RESOURCES**

Would the project:

- 3 a) Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?
- 3 b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?
- 3 c) Disturb any human remains, including those interred outside of formal cemeteries?

**VI. ENERGY**

Would the project:

- 2 a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation?
- 2 b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?



**VII. GEOLOGY AND SOILS**

Would the project:

- 2 a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:
  - 2 i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault?
  - 2 ii) Strong seismic ground shaking?
  - 2 iii) Seismic-related ground failure, including liquefaction?
  - 2 iv) Landslides?
- 2 b) Result in substantial soil erosion or loss of topsoil?
- 2 c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?
- 2 d) Be located on expansive soil as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?
- 1 e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?
- 3 f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

**VIII. GREENHOUSE GAS EMISSIONS**

Would the project:

- 2 a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?
- 2 b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

**IX. HAZARDS AND HAZARDOUS MATERIALS**

Would the project:

- 2 a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?
- 2 b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?
- 1 c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?
- 1 d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, create a significant hazard to the public or the environment?
- 2 e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, result in a safety hazard or excessive noise for people residing or working in the project area?
- 1 f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?
- 1 g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?

**X. HYDROLOGY AND WATER QUALITY**

Would the project:

- 2 a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?
- 2 b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?
- 1 c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would result in substantial erosion or siltation on or off site?
  - 1 i) Result in substantial erosion or siltation on or off site;
  - 1 ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or off site;
  - 1 iii) Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff; or
  - 1 iv) Impede or redirect flood flows?
- 1 d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?
- 1 e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

**XI. LAND USE AND PLANNING**

Would the project:

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

**XII. MINERAL RESOURCES**

Would the project:

- 2 a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?
- 2 b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local General Plan, Specific Plan or other land use plan?

**XIII. NOISE**

Would the project result in:

- 2 a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?
- 2 b) Generation of excessive ground-borne vibration or ground-borne noise levels?
- 2 c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, exposing people residing or working in the project area to excessive noise levels?

**XIV. POPULATION AND HOUSING**

Would the project:

- 1 a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and

businesses) or indirectly (for example, through extension of roads or other infrastructure)?

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

forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.)

#### XV. PUBLIC SERVICES

Would the project:

- 1 a) Result in substantial adverse physical impacts associated with the provision of new or physically-altered governmental facilities, or the need for new or physically-altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:
- 1 i) Fire protection?  
1 ii) Police protection?  
1 iii) Schools?  
1 iv) Parks?  
1 v) Other public facilities?

#### XVI. RECREATION

Would the project:

- 1 a) Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?
- 1 b) Include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?

#### XVII. TRANSPORTATION

Would the project:

- 2 a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?
- 2 b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?
- 2 c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?
- 2 d) Result in inadequate emergency access?

#### XVIII. TRIBAL CULTURAL RESOURCES

Would the project:

- 3 a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:
- 3 i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k), or
- 3 ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? In applying the criteria set

#### XIX. UTILITIES AND SERVICE SYSTEMS

Would the project:

- 1 a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?
- 1 b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?
- 2 c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?
- 2 d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?
- 2 e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

#### XX. WILDFIRE

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:

- 1 a) Substantially impair an adopted emergency response plan or emergency evacuation plan?
- 1 b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?
- 1 c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?
- 1 d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

#### XXI. MANDATORY FINDINGS OF SIGNIFICANCE

Would the project:

- 3 a) Have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?
- 2 b) Have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)
- 2 c) Have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

**Documents Referenced:**

This Initial Study is referenced by the documents listed below. These documents are available for public review at the County of Fresno, Department of Public Works and Planning, Development Services and Capital Projects Division, 2220 Tulare Street, Suite A, Fresno, California (corner of M & Tulare Streets).

- Fresno County General Plan, Policy Document and Final EIR
- Fresno County Zoning Ordinance
- Important Farmland 2016 Map, State Department of Conservation

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# County of Fresno

DEPARTMENT OF PUBLIC WORKS AND PLANNING  
STEVEN E. WHITE, DIRECTOR

## EVALUATION OF ENVIRONMENTAL IMPACTS

- APPLICANT:** Five Points Pipeline, LLC
- APPLICATION NOS.:** Initial Study Application No. 7608 and Unclassified Conditional Use Permit Application Nos. 3642, 3643, 3644, 3645, 3646, and 3647.
- DESCRIPTION:** This project proposes to allow the installation of four new covered lagoon, anaerobic dairy digesters with related biogas conditioning equipment and biogas generators to produce electricity on four existing dairies; the installation of biogas conditioning equipment at a fifth dairy with an existing digester and generator; the construction of an approximately 10.5 mile underground pipeline to connect the participating dairies and allow produced biomethane to be transported to a centralized hub, where a biogas upgrading facility will be constructed to clean and condense the biogas before it is injected into the PG&E natural gas transmission line.
- LOCATION:** The project is bounded by the unincorporated communities of Five Points to the southwest, Helm to the north, Burrell to the northeast, and Lanare to the east and southeast; State Route 145 (Madera Avenue) on the west, Mount Whitney Avenue on the south, Jameson Avenue on the east, and Kamm Avenue on the north within the AE-20 (Exclusive Agricultural, 20-acre minimum parcel size) and AE-40 (Exclusive Agricultural, 40-acre minimum parcel size) Zone Districts. (SUP. DIST. 1 and 4 ) (Dairies: APN Nos. 040-130-51S; 050-160-16S; 050-270-56S; 050-170-41S; 050-260-12S; 040-130-35S) (Pipeline APN Nos. 040-130-51S, 49, 44S, 48S; 041-100-17, 45S; 050-160-13S, 16S; 050-200-38S; 050-230-20; 050-260-10S; 050-230-23S; 050-260-12S, 11S; 050-270-56S; 040-130-35S).

### I. AESTHETICS

Except as provided in Public Resources Code Section 21099, would the project:

- A. Have a substantial adverse effect on a scenic vista?

**FINDING: NO IMPACT:**

The project is located in an agricultural area and is not near any scenic vistas. The proposed project involves the installation of a 10.5 mile underground gas pipeline to connect 5 existing dairies, which will introduce biomethane to the pipeline, to be collected at a central hub where the biogas will be conditioned to meet commercial standards before it is injected into Pacific Gas and Electric's (PG&E) main natural gas line, which traverses the central hub site. The project area encompasses portions of 17 parcels, consisting of the five participating dairies, and an additional 12 parcels to be traversed by the proposed pipeline. This area is characterized by large farming parcels and open space. The project will not add any structures that would obstruct any views from neighboring properties or from adjacent roadways. Project construction will be limited to the proposed underground pipeline and the installation of new gas conditioning equipment at the existing dairy sites. Therefore, the project will have no impact on scenic vistas.

- B. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

**FINDING: NO IMPACT:**

No scenic resources, including trees, rock outcroppings, or historic buildings were identified in the analysis or by any reviewing agencies. One of the dairy sites is located approximately one third-mile east of State Route 145 (South Lassen Avenue), which is not a Scenic Highway per the Fresno County General Plan, Figure OS-2.

- C. In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage points.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?

**FINDING: NO IMPACT:**

The project area is entirely located in a rural area characterized by large-scale agricultural operations. As previously stated, the project does not entail the addition of any structures that would negatively impact viewsheds from surrounding properties or public roadways, or substantially degrade the visual character or quality of public views of any of the project sites. The proposed improvements are consistent with the existing dairy operations.

- D. Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

**FINDING: LESS THAN SIGNIFICANT IMPACT WITH MITIGATION INCORPORATED:**

The proposed project will not introduce substantial, new sources of light or glare. The proposed facilities will utilize outdoor security lighting and all lighting will be required to be hooded and directed downward so as not to shine on adjacent properties or roadways.

\* **Mitigation Measure(s)**

1. *All outdoor lighting shall be hooded and directed so as not to shine toward adjacent properties and public streets.*

II. AGRICULTURAL AND FORESTRY RESOURCES

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

- A. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance, as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

FINDING: LESS THAN SIGNIFICANT IMPACT:

Farmland on the subject parcels has been classified as a mixture of farmland of statewide importance and confined animal agriculture. The confined animal designation is limited to the area where the dairy cows are housed and the new improvements will be located in the area of the existing dairies where the land has been designated for confined animal agriculture. The proposed pipeline will transverse farmland of statewide importance, but will be located at least four feet below the surface of the farming operation, and will not hinder agricultural operations. The new improvements will be supportive of dairy operations.

- B. Conflict with existing zoning for agricultural use, or a Williamson Act Contract?

FINDING: LESS THAN SIGNIFICANT IMPACT:

The parcels involved with the proposed project are restricted by Williamson Act Contracts, and due the commercial nature of gas and electrical exportation to gas pipelines and the electrical grid, the areas of each dairy where the digesters and supporting equipment are located will be required to non-renew the existing contracts on those portions of the property. The amount of land that will be non-renewed does

not represent a significant reduction in land restricted by Williamson Act Contracts and will not result in the reduction of agricultural products.

- C. Conflict with existing zoning for forest land, timberland or timberland zoned Timberland Production; or
- D. Result in the loss of forest land or conversion of forest land to non-forest use?

FINDING: NO IMPACT:

The project is not located near any land that is used or zoned for Timberland Production. Therefore, there are no conflicts with, or loss of, timberland or forest land as a result of this project. All of the land involved is zoned Agricultural and limited to uses allowed in such zone districts.

- E. Involve other changes in the existing environment which, due to their location or nature, could result in conversion of farmland to non-agricultural use or conversion of forest land to non-forest use?

FINDING: LESS THAN SIGNIFICANT IMPACT:

The project entails the installation of new dairy digesters at four existing dairy sites along with ancillary equipment; the addition of ancillary equipment at a fifth dairy site with an existing digester; construction of an approximately 10.5 mile underground pipeline connecting the five dairies to one central hub; and allowing biomethane produced at each participating dairy to be collected and transported via the pipeline, to the central hub, located on the Open Sky Dairy which is centrally located to the other dairies. From the central hub, the collected biogas will be conditioned to commercial natural gas standards before being injected into the adjacent PG&E main natural gas pipeline.

The portions of the parcels where the digesters and ancillary equipment will be located have been submitted for non-renewal of the associated Williamson Act Contracts. The conflict with the Williamson Act is primarily due to the commercial nature of the operation, which proposes to generate gas and electricity for sale to PG&E. The continued dairy operations on these parcels is necessary to feed the digesters. Therefore, approval of this project will not result in the conversion of farmland to non-agricultural uses.

As noted above, the project is not located in the vicinity of forestland and therefore, will have no impacts on the conversion of forestland to non-forest uses.

### III. AIR QUALITY

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

A. Conflict with or obstruct implementation of the applicable Air Quality Plan?

FINDING: LESS THAN SIGNIFICANT IMPACT:

This project proposal was reviewed by the San Joaquin Valley Air Pollution Control District (SJVAPCD). The District recommended that the evaluation of this proposal include estimates of construction, operation, mobile and stationary emissions sources, and the project's proximity to sensitive receptors and other existing emission sources, and that District established thresholds of significance for criteria pollutants be considered in the evaluation. The District also recommended that Operational Emissions (stationary sources) and non-permitted (mobile sources) be evaluated separately, and that project related criteria pollutant emissions from construction and operation should be identified and quantified.

The applicant provided an air quality impact and greenhouse gas analysis, completed by Insight Environmental/Trinity Consultants, dated May 2019. According to the analysis, the proposed project's construction and operations would contribute the following criteria pollutant emissions: reactive organic gases (ROG), carbon monoxide (CO), nitrogen dioxide (NO<sub>2</sub>), sulfur dioxide (SO<sub>2</sub>), and suspended particulate matter (PM<sub>10</sub> and PM<sub>2.5</sub>). Project operations would generate air pollutant emissions from mobile sources (automobile activity from employees) and area sources (incidental activities related to facility maintenance). Criteria and GHG emissions were estimated using the California Emissions Estimator Model (CalEEMod) version 2016.3.2 (California Air Pollution Control Officers Association (CAPCOA) 2017), which is the most current version of the model approved for use by the San Joaquin Valley Air Pollution Control District (SJVAPCD).

Based on the air quality impact analysis, the short-term construction emissions would not exceed Air District significance thresholds for criteria pollutant levels during a given year and impacts would therefore, be less than significant. Project operational emissions are not anticipated to be a substantial source of PM<sub>10</sub> emissions, but rather the main sources of PM<sub>10</sub> would be vehicular traffic associated with the project. Transportation related activities from employees and maintenance would generate mobile source ROG, NO<sub>x</sub>, SO<sub>x</sub>, CO, PM<sub>10</sub>, PM<sub>2.5</sub> from vehicle exhaust.

Stationary source emissions from the project are anticipated to consist of VOC emissions from the biogas upgrade process and ROG, No<sub>x</sub>, SO<sub>x</sub>, CO, PM<sub>10</sub> and PM<sub>2.5</sub> exhaust emissions from the combustion of the biogas to generate electrical power.

Air pollution associated with stationary sources is regulated through the permitting authority of the SJVAPCD under the New and Modified Stationary Source Review Rule (SJVAPCD Rule 2201). Owners of any new or modified equipment that emits, reduces, or controls air contaminants, except those specifically exempted by the SJVAPCD, are required to apply for an Authority to Construct and Permit to Operate (SJVAPCD Rule 2010). Additionally, best available control technology (BACT) is required on specific



types of stationary equipment and are required to offset both stationary source emission increases along with increases in cargo carrier emissions if the specified threshold levels are exceeded (SJVAPCD Rule 2201, 4.7.1). Through this mechanism, the SJVAPCD would require that all stationary sources within the project area would be subject to the standards of the SJVAPCD to ensure that new developments do not result in net increases in stationary sources of criteria air pollutants.

With adherence to the rules and requirements of the SJVAPCD, the estimated construction and operational emissions from the proposed project will be less than significant.

- B. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

FINDING: LESS THAN SIGNIFICANT IMPACT:

The project area is located in the San Joaquin Valley Air Basin (SJVAB), which is included among the eight counties that comprise the SJVAPCD. Under the provisions of the U.S. Clean Air Act, the Fresno County portion of the SJVAB has been classified as nonattainment/extreme, nonattainment/severe, nonattainment, attainment/unclassified, attainment for various criteria pollutants. As shown in the analysis by Insight Environmental Consultants, the project does not pose a substantial increase to basin emissions. Because the proposed project would generate less than significant project-related operational impacts to criteria air pollutants, the project's contribution to cumulative air quality impacts would not be cumulatively considerable.

- C. Expose sensitive receptors to substantial pollutant concentrations; or
- D. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

FINDING: LESS THAN SIGNIFICANT IMPACT:

Dairies are known to release objectionable odors, primarily due to animal waste from the milking cows. The project proposes to install covered digesters, which will process manure. The manure will be anaerobically activated to release methane, which will then be piped through a gas collection system to a central hub to generate renewable energy. The capture of methane gas is anticipated to remove adverse odors from the air as compared to the baseline.

Lead Agencies should consider situations wherein a new or modified source of hazardous air pollutants (HAPs) is proposed for a location near an existing residential area or other sensitive receptor when evaluating potential impacts related to HAPs. Typical sources of HAPs include diesel trucks or permitted sources such as engines, boilers, or storage tanks. The project will be located near scattered rural residences on large agricultural parcels. Since there will be HAPs emitted from the project and

occasional diesel truck travel on-site, a prioritization score was determined for the facility to determine if a health risk assessment (HRA) would be required. A Health Risk Assessment (HRA) is not required for a project with a total facility prioritization score of less than or equal to one. The project's prioritization score was 0.04, which is less than one. Therefore, no further analysis is required to determine the HAPs impacts from this project and potential risk to the population attributable to emissions of HAPs from the proposed project would be less than significant.

According to the analysis, the proposed project would not exceed any screening trigger levels to be considered a source of objectionable odors or odorous compounds. Furthermore, there does not appear to be any significant source of objectionable odors in close proximity that may adversely impact the project site when it is in operation. The project emission estimates indicate that the proposed project would not be expected to adversely impact surrounding receptors. As such, the project would not be a source of any odorous compounds nor would it likely be impacted by any odorous source.

Development in this area is dominated by large parcels of agricultural production with very limited residential development. Due to the anticipated reduction in objectionable odors and the distance between the closest residences and the project site, this project will not expose sensitive receptors to substantial pollutant concentrations and will not create objectionable odors affecting a substantial number of people.

#### IV. BIOLOGICAL RESOURCES

Would the project:

- A. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service; or
- B. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

**FINDING: LESS THAN SIGNIFICANT IMPACT WITH MITIGATION INCORPORATED:**

A Biological Analysis Report (BAR), dated April 2019, was prepared for the project by the applicant's consultant, Quad Knopf, Inc. (QK). Reviews of agency-maintained databases were conducted to determine the potential presence of sensitive biological resources and special-status species. The results of the database and literature review indicate that eight (8) special-status species have the potential to occur within the vicinity of the project. Those species are the Swainson's hawk (*Buteo swainsoni*), western burrowing owl (*Athene cunicularia*), yellow-headed blackbird (*Xanthocephalus xanthocephalus*), loggerhead shrike (*Lanus ludovicianus*), tricolored blackbird (*Agelaius tricolor*), American badger (*Taxidea taxus*), San Joaquin kit fox (*Vulpes macrotis mutica*), and long-billed curlew (*Numenius americanus*).

A reconnaissance level field survey was conducted to identify sensitive biological resources on site and to document the suitability of the habitat on the project to support special-status species. No sensitive natural plant communities occur on the project sites. No special-status plant species were observed on the project sites. Swainson's hawk, loggerhead shrike, and long-billed curlew were observed near the site. No other special-status animal species were observed on site.

The project sites are highly disturbed and currently mostly cleared of vegetation. The pipeline route will run through private agricultural land. The presence of special-status species on these sites prior to ground disturbance cannot be positively determined. Reviews of the databases and on-site field examinations indicated that there are five defined waters or wetlands on or near the project sites. There are no designated migratory corridors or linkages, significant nursery sites, or designated Critical Habitat that occur on the project site.

A reconnaissance-level site survey was conducted on April 6, 2019 by QK. The survey consisted of meandering pedestrian transects with supplemental windshield survey of the Biological Study Area (BSA). Adjacent parcels were visually scanned for potential special-status resources and habitat conditions that could support special-status resources. The BSA supports a variety of bird, and mammal species. Various wildlife sign (i.e. scat, tracks, burrows etc.) were detected on all five sites. Wildlife sign detected included common bird species, two stick nests that could potentially be used by raptors, and numerous small mammal burrows. Twelve animal species or their sign were observed within the BSA. The project contained a few small mammal burrows scattered throughout the BSA.

Within the BSA, suitable San Joaquin kit fox habitat is not present; however, the pipeline route, specifically along the agriculture irrigation canals, may be used by the species while foraging or traveling through the area. The surrounding area near the pipeline route and dairy digester sites may provide suitable habitat for the species. There are multiple records of this species occurring near the BSA, but there is no positive evidence that the San Joaquin kit fox is present in the BSA.

Suitable foraging Swainson's hawk habitat is present in the agricultural fields surrounding the site. A Swainson's hawk was observed approximately 0.2-miles north, outside of the project area and east of the Van der Kooi Dairy. Suitable nesting habitat is found near the intersection of W. Elkhorn Avenue and S. Howard Avenue and along the Fresno Slough, but no nesting Swainson's hawks were found in the BSA during the reconnaissance survey.

Within the BSA, suitable foraging habitat for tricolored blackbird is present, but no nesting habitat is present. Suitable foraging loggerhead shrike habitat is present in the agricultural fields. Suitable nesting habitat is unlikely to be present within the BSA, but it may be present in the surrounding area. Trees with dense foliage that have the potential to house nests for this species occur in areas surrounding the BSA. Also, suitable foraging habitat for yellow-headed blackbird is present, but no nesting habitat is

present within the BSA. Suitable foraging and nesting long-billed curlew habitat is present. They typically nest in areas that are relatively dry and exposed. The nests are built near conspicuous objects such as livestock dung piles, rocks, or dirt mounds.

Within the project area, suitable badger habitat is not present, but the pipeline route, specifically along the irrigation canals, may be used by this species while foraging or traveling through the area.

Due to the high level of disturbance within the project footprint, lack of potential suitable areas for special-status plant species on the project site, and lack of potential for special status plants to exist on the site, no avoidance or minimization measures for special-status plant species are warranted.

The lack of special-status species within the localized project impact area and the short duration of activities, coupled with implementation of avoidance and minimization mitigation measures will be sufficient to reduce impacts of the projects to special-status wildlife species to level that would be less than significant.

\* **Mitigation Measure(s)**

1. *Pre-activity Surveys for Special Status Species. No less than 14 days prior to the start of project ground disturbance activities in any specific area, a pre-activity clearance survey should be conducted by a qualified biologist knowledgeable in the identification of listed species. The surveys should cover the project site plus a 250-foot buffer. Pedestrian surveys achieving 100% visual coverage should be conducted. Multiple surveys are anticipated to be needed as each project site and the pipeline route is initiated. If no evidence of these species is detected, no further action is required.*
2. *Avoidance of Burrows for San Joaquin Kit Fox, and American Badger. If dens/burrows that could support any of these species are discovered during the pre-activity clearance surveys conducted under BIO-1, the avoidance buffers outlined below should be established. No work would occur within these buffers unless the biologist approves and monitors the activity. Dens or burrows of these species shall not be destroyed unless it is determined that the den/burrow is not occupied. In no case shall a San Joaquin kit fox natal den or known den be destroyed without the concurrence of the USFWS and CDFW and appropriate artificial den replacements are provided.*

*San Joaquin Kit Fox*

- *Potential Den – 50-feet*
- *Atypical Den – 50-feet (includes pipes and other man-made structures)*
- *Known Den – 100-feet*
- *Natal/Pupping Den – 500-feet*

*American Badger*

- *Known Den — 100-feet*

3. *Standard Avoidance and Minimization Measures for the San Joaquin kit fox and American badger. The following standard avoidance and minimization measures are recommended to be implemented:*

- *Construction-related vehicles should observe a daytime speed limit of 20-mph throughout the site in all project areas, except on County and City roads and State and Federal highways; this is particularly important at night when kit foxes are most active. Night-time construction should be minimized to the extent possible. However, if night construction activities do occur, then the speed limit should be reduced to 10-mph. Off-road traffic outside of designated project areas should be prohibited.*
- *To prevent inadvertent entrapment of kit foxes or other wildlife during the construction phase of the 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. If the trenches cannot be closed, one or more escape ramps constructed of earthen-fill or wooden planks should be installed. Before such holes or trenches are filled, they should be thoroughly examined for trapped animals. If at any time a trapped or injured kit fox is discovered, the USFWS and the CDFW should be contacted as noted below.*
- *Kit foxes are attracted to den-like structures such as pipes and may enter stored pipes and become trapped or injured. 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 the USFWS has been consulted. If necessary, and under the direct supervision of the biologist, the pipe may be moved only 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 securely closed containers and removed at least once a week from a construction or project site.*
- *No pets, such as dogs or cats, should be permitted on the project site to prevent harassment, mortality of kit foxes, or destruction of dens.*
- *Use of rodenticides and herbicides in project areas should be restricted. This is necessary to prevent primary or secondary poisoning of special-status species and the depletion of prey populations on which they depend. All uses of such compounds should observe label and other restrictions mandated by the U.S. Environmental Protection Agency, California Department of Food and Agriculture, and other State and*

*federal legislation, as well as additional project-related restrictions deemed necessary by the USFWS. If rodent control must be conducted, zinc phosphide should be used because of a proven lower risk to kit fox.*

- *A representative should be appointed by the project proponent who will be the contact source for any employee or contractor who might inadvertently kill or injure a special-status species or who finds a dead, injured, or entrapped special-status species. The representative will be identified during the employee education program and their name and telephone number should be provided to the USFWS.*
- *In the case of trapped animals, escape ramps or structures should be installed immediately to allow the animal(s) to escape, or the USFWS should be contacted for guidance.*
- *Any person who is responsible for inadvertently killing or injuring a special-status animal species should immediately report the incident to their representative. This representative should contact the CDFW immediately in the case of a dead, injured, or entrapped special-status species. The CDFW contact for immediate assistance is State Dispatch at 916-445-0045. They will contact the local warden or wildlife biologist. The USFWS should be contacted at the number below.*
- *The region 8 Sacramento Fish and Wildlife Office and Region 4 CDFW should be notified in writing within three working days of the accidental death or injury to a 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 USFWS contact is the Chief of the Division of Endangered Species, at the addresses and telephone numbers below.*

*U.S. Fish and Wildlife Service  
Region 8 – California and Nevada  
2800 Cottage Way  
Sacramento, CA 95825  
Contact: Tim Ludwick  
Phone: 916-414-6464*

- *New sightings of kit fox should be reported to the CNDDDB. A copy of the reporting form and a topographic map clearly marked with the location of where the kit fox was observed should also be provided to the appropriate wildlife agencies.*

4. *Den Avoidance. In the event that a potential den that may be suitable for American badger, San Joaquin, or burrowing owl is detected during pre-activity clearance surveys, the biologist should monitor the den using cameras and tracking medium for five days to determine if the den is occupied by a special-*

*status species. If after five (5) days no activity is detected, then the den can be backfilled. Construction personnel may collapse the den only under the direct supervision of the biologist. If a special-status species is detected using the den, the den must be avoided until the animal leaves on its own. A minimum 100-foot buffer should be constructed using orange construction fencing around the den during the nonbreeding season (April to November). During the breeding season (December to March), the buffer should be extended to 250 feet. Consultation with the USFWS and/or CDFW will be required prior to collapsing dens known to be occupied by kit foxes. If authorized by the CDFW, passive relocation of wildlife may be accomplished using one-way doors to exclude wildlife from dens. An exclusion plan approved by CDFW would be required prior to the installation of one-way doors.*

- 5. If project activities are planned to start during the migratory bird nesting season, February 1 to September 15, a pre-activity nesting bird survey should be conducted within seven (7) days of the start of these activities. These surveys should be phased with construction of the project. If active nests are detected during the survey, or at any time during construction of the project, an avoidance buffer will be established by a qualified biologist based on the species and the activities that are underway. For raptor species (except Swainson's hawk), the avoidance will typically be 500 feet. For non-raptor species, the buffer will be 250-feet. Note that some bird species are known to nest on human structures, including construction equipment. Construction personnel should be educated about this possibility as part of the employee education program included under measure BIO-7*
- 6. Swainson's Hawk Avoidance and Minimization. If project activities are planned to start during the Swainson's hawk nesting season, March 20 to July 30, a pre-activity nesting bird survey should be conducted within seven (7) days of the start of these activities. These surveys should be phased with construction of the project site. A report of survey findings should be provided to the County to confirm compliance with this measure. If an active Swainson's hawk nest is present on-site, no work may occur within 0.5 mile of the nest without consultation with the CDFW.*
- 7. Worker Environmental Awareness Training. Prior to the initiation of construction and for the duration of project construction and maintenance activities that could affect natural habitat, all new personnel should attend a Construction Personnel Environmental Awareness Training and Education Program. The program should be developed by a qualified biologist. Any employee responsible for the operation and maintenance (O&M) of the completed facilities should also attend the Construction Personnel Environmental Awareness Training and Education Program.*
  - a. The program should include information on the life history of the burrowing owl, American badger, San Joaquin kit fox, Swainson's hawk, migratory birds*

*and raptors, and special-status plant species that may be encountered during construction and operations and maintenance activities.*

- b. The program should discuss each species' legal protection, status, the definition of "take" under the Endangered Species Act, measures the project operator must implement to protect the species, reporting requirements, specific measures that each worker should employ to avoid take of wildlife species, and penalties for violation of the State and federal ESAs.*
- c. The program should provide information on how and where to bring injured animals for treatment in the case any animals are injured on the project site, and how to document animal mortalities and injuries.*
- d. An attendance form signed by each worker indicating that environmental training has been completed will be kept on record.*

- C. Have a substantial adverse effect on state or federally-protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

FINDING: LESS THAN SIGNIFICANT IMPACT WITH MITIGATION INCORPORATED:

Reviews of the National Wetlands Inventory (NWI; USFWS 2019b) and National Hydrography Dataset (USGS 2019) were completed to identify whether wetlands had previously been documented on or adjacent to the project site. There are five defined waters or wetlands on or near the project site.

The United States Army Corps of Engineers (USACE) has regulatory authority over the Clean Water Act (CWA), as provided for by the EPA. The USACE has established specific criteria for the determination of wetlands based upon the presence of wetland hydrology, hydric soils, and hydrophilic vegetation. There are no federally-protected wetlands or vernal pools that occur within the project site.

Wetlands, streams, reservoirs, sloughs, and ponds typically meet the criteria for federal jurisdiction under Section 404 of the CWA and State jurisdiction under the Porter-Cologne Water Quality Control Act. Streams and ponds typically meet the criteria for State jurisdiction under Section 1602 of the California Fish and Game Code. There are no features on the project site that would meet the criteria for either federal or State jurisdiction. No waters of the U.S., including wetlands, or waters of the State were observed on the project site. Therefore, the project would not have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the CWA. Accordingly, there are no wetlands or Waters of the U.S. occurring on the project site. There would be no impact to federally protected wetlands or waterways as a result of the proposed project. Therefore, impacts would be considered less than significant.

However, the gathering lines will cross several existing irrigation drainages or canals, as well as the Stinson Canal. Stinson Canal may be considered Waters of the US or



Waters of the State. As proposed, the pipeline will be installed using either a jack and bore method or an open cut method to traverse the Stinson Canal. If the jack and bore method is used, there would be no disturbance of the drainage bed and bank, and therefore impacts would be considered less than significant. If the open cut method is used, as required by BIO-8, prior to the commencement of gathering pipeline construction, a jurisdictional delineation of the Stinson Canal would be conducted by a qualified biologist to determine if the drainage was considered Waters of the US or Waters of the State, identify the bed and bank, and determine the amount of disturbance area that would be required. Applications for the appropriate permits such as a 401 water quality certification, a Section 404 permit or a Section 1602 permit would be obtained prior to any construction activities. Implementation of BIO-8 would reduce impacts to less than significant.

\* **Mitigation Measure(s)**

8. *Prior to the issuance of building permits, if Stinson Canal cannot be avoided, specific impacts on the features shall be quantified by an aquatic resources delineation prepared by a qualified biologist. A Central Valley Regional Water Quality Control Board Section 401 Water Quality Certification, a Section 404 ACOE permit and Section 1602 California Department of Fish and Wildlife Streambed Alteration Agreement shall be obtained, or confirmation received from these agencies that regulatory permits are not required.*

D. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

FINDING: NO IMPACT:

The project would have no impacts to wildlife movement corridors or wildlife nursery sites and no mitigation measures are required. No fisheries resources that would be impacted by the project and no mitigation measures are warranted.

E. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance; or

F. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state Habitat Conservation Plan?

FINDING: NO IMPACT:

The project will not conflict with local policies or ordinances protecting biological resources or a tree preservation policy. The project is within the PG&E Habitat Conservation Plan (HCP) covered areas; however, the HCP is limited to PG&E maintenance activities. The project will not impact or conflict with the PG&E HCP and will not conflict with any Natural Conservation Community Plans or other approved

conservation plans in the project area. Therefore, the project will not conflict with adopted or approved plans.

## V. CULTURAL RESOURCES

Would the project:

- A. Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5; or
- B. Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5; or
- C. Disturb any human remains, including those interred outside of formal cemeteries?

**FINDING: LESS THAN SIGNIFICANT IMPACT WITH MITIGATION INCORPORATED:**

The project is located in an area of moderate archeological sensitivity. The applicant's consultant, QK, evaluated the project site and conducted a Cultural Resources Records Search. The purpose of the search was to determine whether any known cultural resources or previously conducted cultural resource surveys were located on or near the subject property, and whether construction of the project would impact any known or potential cultural resources. The records search covered an area within one-half mile of the project and included a review of the *National Register of Historic Places, California Points of Historical Interest, California Registry of Historic Resources, California Historical Landmarks, California State Historic Resources Inventory*, and a review of cultural resource reports on file.

The records search indicated that one previous linear cultural resource survey had intersected with the project route near the center of Section 5, T.17S, R.18E (MDB&M). No other studies have been done along the route. One additional cultural resource study was conducted within a half mile of the project. No cultural resources have been recorded along the project route and it is not known if any exist there. One cultural resource has been recorded within a half mile of the project. This is the historic Stinson Canal that was built between 1891 and 1900.

Based on the results of cultural records search findings and the lack of historical or archaeological resources previously identified within a 0.5-mile radius of the proposed project, the potential to encounter subsurface cultural resources is minimal. However, there is still a possibility that historical or archaeological materials may be exposed during construction or trenching for underground pipes. Grading and trenching, as well as other ground-disturbing actions have the potential to damage or destroy these previously unidentified and potentially significant cultural resources within the project area, including historical or archaeological resources. Implementation of Mitigation Measure 1 would reduce the potential impacts on cultural resources, including historical resources associated with the proposed project to less than significant levels.

\* **Mitigation Measure(s)**

1. *In the event that cultural resources are unearthed during ground-disturbing activities, all work shall be halted in the area of the find. An archeologist shall be called to evaluate the findings and make any necessary mitigation recommendations. If human remains are unearthed during ground-disturbing activities, no further disturbance is to occur until the Fresno County Sheriff-Coroner has made the necessary findings as to origin and disposition. All normal evidence procedures should be followed by photos, reports, video, etc. If such remains are determined to be Native American, the Sheriff-Coroner must notify the Native American Commission within 24 hours.*

VI. ENERGY

Would the project:

- A. Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation; or
- B. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

FINDING: LESS THAN SIGNIFICANT IMPACT:

The project will produce renewable energy in the form of gas and electricity. Some energy will be expended during construction, but it is not expected to be wasteful or unnecessary with adherence to standard construction practices. The project will not conflict with or obstruct a state or local plan for renewable energy.

VII. GEOLOGY AND SOILS

Would the project:

- A. Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:
  1. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault?
  2. Strong seismic ground shaking?
  3. Seismic-related ground failure, including liquefaction?
  4. Landslides?

FINDING: LESS THAN SIGNIFICANT IMPACT:

The topography of the site is relatively flat with little topographic variation. The project area is located geographically east of the San Andres Fault and is to the east of the Coast Range. Figure 9-5 of the Fresno County General Plan Background Report (FCGPBR) indicates that the project site is located in an area where ground acceleration due to seismic hazards has only a 10% chance to exceed 20%g (speed of gravity) within the next 50 years. The structures associated with this project will be subject to building standards at the time of development, which include specific regulations to protect against damage caused by earthquake and/or ground acceleration.

Figure 9-6 (FCGPBR) shows that the project site is not in an area of moderate or high landslide hazards and the project site is generally flat, precluding site-specific risk factors. The site is however, in an area of deep subsidence. With required compliance to the Fresno County Building code, development of this project will have a less than significant impact on the risk of adverse effects due to rupture of a known earthquake, strong seismic ground shaking or ground-related failure, and landslides.

B. Result in substantial soil erosion or loss of topsoil?

FINDING: LESS THAN SIGNIFICANT IMPACT:

The proposed improvements to the existing dairies will not represent a significant expansion of graded area. Any grading that is performed will require a grading permit or voucher and ministerial review of those permits will ensure that substantial erosion or loss of topsoil does not occur.

C. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse; or

D. Be located on expansive soil as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?

FINDING: LESS THAN SIGNIFICANT IMPACT:

The area is underlain by three soil types, Tachi Clay, Armona Loam, and Gepford Clay. Tachi Clay is a very deep and very poorly drained soils that formed in alluvium derived from igneous and/or sedimentary rocks. It is typically found on flood plains on basin floors. These soils are used for irrigation crops such as cotton, fruits, and wheat. It is not a hydric soil. Armona Loam is very deep and poorly drained soil that formed in alluvium from igneous and/or sedimentary rock. It is typically found on flood plains on basin floors and basin rims. This soil is used for irrigated crops. Gepford Clay is a very deep and poorly drained soil that is formed in mixed alluvium derived predominately from granitic rocks, influenced by lacustrine sediments. It is typically found flood plains, basin floors, and basin rims. This soil is used as irrigated cropland including barley,

grain, sorghum, and sugar beets. The soil can also be used for dairy and cattle production and building site development. It is not a hydric soil.

The project site is not located in an area that is at risk of on-site or offsite landslide, lateral spreading, liquefaction, or collapse, according to Figure 7-1 (FCGPBR), and will not be located on expansive soils. The project is located in an area of deep subsidence, however, the Fresno County Department of Public Works and Planning, Water and Natural Resources Division, had no concerns with the operation of this project as planned.

- E. Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

FINDING: NO IMPACT:

The project currently operates with the use of the existing permitted septic systems. No new septic is proposed as part of this application.

- F. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

FINDING: LESS THAN SIGNIFICANT IMPACT WITH MITIGATION INCORPORATED:

The subject parcel is located in an area which has been designated as moderately to archaeological or paleontological finds, however there are no known paleontological resources in the area. On March 29, 2019, the applicant provided a Cultural Resources Records Search Result, prepared by QK. No evidence of unique paleontological resources was noted in the report. However, there is still a possibility that paleontological or archaeological materials may be exposed during construction or trenching for underground pipes. Disturbance of any deposits of paleontological material that have the potential to provide significant scientific data would be considered a significant impact under CEQA. Implementation of the mitigation measure 1 (Cultural Resources, Section V, would reduce potential impacts on paleontological resources to less than significant.

\* **Mitigation Measure(s)**

1. See Mitigation Measure 1, Section V, above.

## VIII. GREENHOUSE GAS EMISSIONS

Would the project:

- A. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment; or

- B. Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

FINDING: LESS THAN SIGNIFICANT IMPACT:

Human activities, including fossil fuel combustion and land use changes, release carbon dioxide (CO<sub>2</sub>) and other compounds cumulatively termed greenhouse gases. GHGs are effective at trapping radiation that would otherwise escape the atmosphere. The SJVAPCD, a CEQA Trustee Agency for this project, has developed thresholds to determine significance of a proposed project – either implement Best Performance Standards or achieve a 29% reduction from Business as Usual (BAU) (a specific numerical threshold). On December 17, 2009, SJVAPCD adopted *Guidance for Valley Land-use Agencies in Addressing GHG Emission Impacts for New Projects under CEQA* (SJVAPCD 2009), which outlined the SJVAPCD’s methodology for assessing a project’s significance for GHGs under CEQA.

Project construction and operational activities would generate greenhouse gas (GHG) emissions. In the Air Quality Impact Analysis, GHG emissions were estimated using the California Emissions Estimator Model (CalEEMod) version 2016.3.2 (California Air Pollution Control Officers Association (CAPCOA) 2017), which is the most current version of the model approved for use by the San Joaquin Valley Air Pollution Control District (SJVAPCD).

The proposed project will be subject to any regulations developed under AB 32 as determined by CARB. In order for the project to be considered less than significant, it would need to conform with the goals of AB32. The proposed project is designed to capture methane gas, that would otherwise be emitted to the air from dairy operations, and convert it to renewable power. With the incorporation of electrical generation from a renewable resource the project would decrease overall GHG emissions. Therefore, the GHG emissions increases associated with this project would have a less than significant individual and cumulative impact on global climate change.

## IX. HAZARDS AND HAZARDOUS MATERIALS

Would the project:

- A. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials; or
- B. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

FINDING: LESS THAN SIGNIFICANT IMPACT:

Methane will be produced in anaerobic digesters by natural biological processes (the decomposition of manure waste). The digesters will be created by first double-lining a new or existing storage pond. All digester ponds will meet the Central Valley Regional

Water Quality Control Board (CRWQCB) Tier 1 standards, which include the installation of double-layered liners of welded 60 mil High-density polyethylene (HDPE) with leak detection to ensure water quality. Once produced, the methane is transferred by pipe to a biogas generator and subsequently by the Five Points pipeline to the meter set assembly hub and then to the PG&E gas line injection point. All portions of the project will comply with Pipeline and Hazardous Materials Safety Administration (PHMSA) guidelines, 49 CFR Part 192, and with the CPUC's Safety Enforcement Division (SED) General Order 112-F.

Therefore, while the routine use of the hazardous methane gas will occur, risk to the public as a result of its transport or accidental release is less than significant. The operator is required to maintain an emergency response plan. With compliance to the existing regulations and the operation of the digester system distant from nearby residences, there will be a less than significant impact on public hazards as a result of the transport or use of hazardous materials.

- C. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

FINDING: NO IMPACT:

The project is not located within one quarter-mile of an existing or proposed school.

- D. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

FINDING: NO IMPACT:

Review of the US EPA's NEPAAssist report indicates that there are no hazardous or contaminated sites within one mile of the project site. The following lists were consulted: Resource Conservation and Recovery Act (RCRA), Toxic Releases Inventory (TRI), Superfund/National Priorities List, Brownfields Assessment Cleanup and Redevelopment Exchange System (ACRES), RADInfo, and Toxic Substances Control Act.

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

FINDING: LESS THAN SIGNIFICANT IMPACT:

The project is not located within an airport land use plan or within two miles of a public airport or public use airport. The project is located adjacent to a private use airport (crop dusting) at the intersection of W. Barrett and S. Bishop Avenues, however, based

on land use, and limited residences and workforce needed for the operation of project, the airport safety risk and noise will be minimal.

- F. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?
- G. Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?

FINDING: NO IMPACT:

Approval of this project will not impair the implementation of an Emergency Response Plan or Emergency Evacuation Plan. Following construction, there will be a negligible increase in the amount of traffic generated by this project for maintenance and operation of the system. The project site is located in an area of local responsibility for fire protection and is not at significant risk of damage due to wildfire.

#### X. HYDROLOGY AND WATER QUALITY

Would the project:

- A. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality; or
- B. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

FINDING: LESS THAN SIGNIFICANT IMPACT:

The project area is adjacent to several riverine or canal features. There are four unnamed blue line streams (irrigation canals) and the Stinson Canal that are intersected or traversed by the project area. Two of the canal features are present along the north side of the project approximately 0.5-miles east of the Vander Hoek Dairy. Another canal is located northwest of the Van Der Kooi Dairy along W. Elkhorn Avenue. Another unnamed canal and the Stinson Canal are located along north of W. Cerini Avenue and S. Bishop Avenue, northwest of the J&D Wilson and Sons Dairy. The Fresno Slough is approximately 0.4 miles east of the project, which will not be impacted. Portions of the project are located within the 1% annual chance of flood (500-year flood zone) or an area of minimal flood hazard zone

No concerns related to groundwater supplies were expressed by any of the reviewing agencies or departments.

The subject dairies are required to enroll under Waste Discharge Requirements, which is associated with a monitoring and reporting program. The Central Valley Regional Water Quality Control Board is responsible for monitoring the quality of water produced



by this dairy. With the technical reports required by the Digester Order and associated operational requirements, this project will be in compliance with the Water Boards' standards and will not violate any water quality standards

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

1. Result in substantial erosion or siltation on or off site?
2. Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or off site?
3. Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff; or
4. Impede or redirect flood flows?

FINDING: NO IMPACT:

The project will not result in the alteration of an existing drainage pattern of any of the individual sites or the larger project area. The project site is not located in an area of special flood hazard; however, all development in the County of Fresno that involves grading is required to obtain a grading permit or voucher. Compliance to the provisions in the permit or voucher will ensure that excessive flooding and erosion do not occur.

D. In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?

FINDING: NO IMPACT:

The proposed project is not located in an area prone to flood hazard, tsunami, or seiche.

E. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

FINDING: NO IMPACT:

The project will not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan.

## XI. LAND USE AND PLANNING

Would the project:

- A. Physically divide an established community; or
- B. Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

FINDING: NO IMPACT:

The community of Burrel is 1.3 miles east of the project; the community of Lanare is 2.8 miles east, the community of Five Points is four miles west; and the community of Helm is 1.5 miles north. Therefore, approval of this project does not have the potential to divide an established community. The proposed use is allowed in the County of Fresno with the approval of an Unclassified Conditional Use Permit, which will be reviewed by the Planning Commission concurrently with this Initial Study.

## XII. MINERAL RESOURCES

Would the project:

- A. Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state; or
- B. Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local General Plan, Specific Plan or other land use plan?

FINDING: LESS THAN SIGNIFICANT IMPACT:

The proposed project is located in an identified oil production zone, per the Fresno County General Plan Background Report (FCGPBR). This proposal was reviewed by the California Department of Conservation, Division of Oil Gas and Geothermal Resources (DOGGR). DOGGR comments and map exhibits indicate the presence of a number of abandoned oil and gas wells in the vicinity of the project and located on some of the parcels directly involved with this project, however the Division expressed no further concerns with this proposal, provided that construction does not build over or impede access to the abandoned well sites.

## XIII. NOISE

Would the project result in:

- A. Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies; or
- B. Generation of excessive ground-borne vibration or ground-borne noise levels; or

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

FINDING: LESS THAN SIGNIFICANT IMPACT:

The project is not located within an airport land use plan or within two miles of a public airport or public use airport. The project is located adjacent to a private use airport (crop dusting) at the intersection of W. Barrett and S. Bishop Avenues, however, that use is not expected to expose people in the project area to excessive noise levels. Noise generated by the project equipment will not be above typical agriculture facility levels and the project is distant to sensitive receptors. Therefore, due to the project's distance from sensitive receptors, there will be no increase in the exposure of persons to severe or adverse noise levels or ground borne noise or vibration.

#### XIV. POPULATION AND HOUSING

Would the project:

- A. Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?; or
- B. Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?

FINDING: NO IMPACT:

Approval of this project would allow methane produced by the manure of cows to produce renewable energy, which would be sold to PG&E. This will not induce substantial population growth because it will not create a significant number of new job opportunities or otherwise increase the desirability of living in this area. No housing will be displaced as a result of this project. This project similarly will not displace substantial numbers of people. It will be developed on areas of farmland that were previously dedicated to agricultural production.

#### XV. PUBLIC SERVICES

Would the project:

- A. Result in substantial adverse physical impacts associated with the provision of new or physically-altered governmental facilities, or the need for new or physically-altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services:

1. Fire protection;
2. Police protection;
3. Schools;
4. Parks; or
5. Other public facilities?

FINDING: NO IMPACT:

This project will not increase the need for public facilities associated with fire or police protection. As this project will not lead to population growth, there will be no impacts on schools or parks. Any structures associated with this project will be reviewed by the Fresno County Fire Protection District to ensure compliance with California Code of Regulations Title 24 – Fire Code.

#### XVI. RECREATION

Would the project:

- A. Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated; or
- B. Include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?

FINDING: NO IMPACT:

This project will not increase the use of existing neighborhood and regional parks. There are no such facilities in the vicinity of the project and the request to add anaerobic digesters and a pipeline to convey methane gas will not result in population expansion.

#### XVII. TRANSPORTATION

Would the project:

- A. Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities; or
- B. Be in conflict or be inconsistent with the California Environmental Quality Act (CEQA) Guidelines Section 15064.3, subdivision (b); or
- C. Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment); or

D. Result in inadequate emergency access?

FINDING: LESS THAN SIGNIFICANT IMPACT:

Operation of this facility will require less than 10 round trips per day by service and delivery vehicles. The addition of 1-2 trips per month for maintenance of the digesters and related facilities will not conflict with any circulation plans or contribute to existing congestion of nearby County streets. Streets in the area are rectilinear, crossing at 90 degree angles and do not have sharp curves. There are no plans, policies, or programs that relate to public transit, bicycle, or pedestrian facilities in this area. The surrounding development consists of large parcels, which have been planted with row crops or support dairies similar to the project site.

XVIII. TRIBAL CULTURAL RESOURCES

Would the project:

- A. Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:
1. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k); or
  2. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? (In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.)

FINDING: LESS THAN SIGNIFICANT IMPACT WITH MITIGATION INCORPORATED:

Under the provisions of Assembly Bill 52, the County of Fresno was required to provide notice that this Initial Study was being prepared to Native American Tribes who had previously indicated interest in reviewing CEQA projects. Notices were sent on April 19, 2019, to Robert Ledger of the Dumna Wo Wah, Robert Pennell of Table Mountain Rancheria, Ruben Barrios of Santa Rosa Rancheria and to Tara Estes-Harter of the Picayune Rancheria of Chukchansi Indians. None of the Tribal Governments responded to the notice.

The project is located in an area of moderate archeological sensitivity. The applicant's consultant, QK, evaluated the project site and conducted a Cultural Resources Records

Search. The purpose of the search was to determine whether any known cultural resources or previously conducted cultural resource surveys were located on or near the subject property, and whether construction of the project would impact any known or potential cultural resources. See the discussion in Section V, above.

Despite the failure of the tribes and historical databases to identify known tribal cultural resources, the potential exists for significant artifacts to be excavated during construction. Therefore, the following mitigation measure is proposed to ensure that impacts to previously unknown tribal cultural resources can be reduced to less than significant.

\* **Mitigation Measure(s)**

1. See Mitigation Measure 1, Section V, above.

XIX. UTILITIES AND SERVICE SYSTEMS

Would the project:

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

FINDING: NO IMPACT:

The project will not require construction or expansion of new water or wastewater treatment facilities. Approximately 5,000 gallons/day will be used during the 40-day construction period and will be provided by on-site wells. Operational water is anticipated to be 2,500 gallons/day or 2.8 AF annually.

The inclusion of the digesters will add an additional step between collection of manure from the herd and application of the wastewater to the surrounding fields. Wastewater is not exported to any offsite system for processing. It is retained on site and used for irrigation, typically after being diluted with fresh water. The project site is not in an area that is known to be short of water, so there are no concerns that the limited increase in use will result in the need to obtain additional water entitlements.

- B. Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?

FINDING: NO IMPACT:

The project is not in a water short area and is served by on-site wells. The Water and Natural Resources Division had no concerns with the project.

- C. Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments; or
- D. Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals; or
- E. Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

FINDING: LESS THAN SIGNIFICANT IMPACT:

Upon completion of construction, the applicants will be required to submit technical reports to the Central Valley Regional Water Quality Control Board. These submissions are required by Provisions in Section E of the Digester Order. The operation will also be required to obtain a permit to operate a Solid Waste Facility from the County of Fresno, Environmental Health Division, acting as the Local Enforcement Agency. The need to comply with the Digester Order and other regulations enforced by the Water Quality Control Board will ensure that there is no adverse impact regarding noncompliance with statutes and regulations related to solid waste.

## XX. WILDFIRE

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:

- A. Substantially impair an adopted emergency response plan or emergency evacuation plan, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects; or
- B. Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire; or
- C. Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment; or
- D. Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

FINDING: NO IMPACT:

The project is not located in or near a state responsibility area or land classified as very high fire hazard severity zones, and will not impair an adopted emergency response or

evacuation plan. The project will adhere to the site development and operational requirements of the Fresno County Fire Protection District.

## XXI. MANDATORY FINDINGS OF SIGNIFICANCE

Would the project:

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

FINDING: LESS THAN SIGNIFICANT IMPACT WITH MITIGATION INCORPORATED:

The pipeline route will run through private agricultural land. The presence of special-status species on these sites prior to ground disturbance cannot be positively determined. Based upon habitat conditions surrounding the site and the assumption that the site contain similar habitat characteristics, it is possible that the Swainson's hawk, western burrowing owl, tricolored blackbird, loggerhead shrike, American badger, San Joaquin kit fox, long-billed curlew, and yellow-headed blackbird may have been present prior to site disturbances. Therefore, the Mitigation Measures noted in Section IV. will be implemented, requiring preconstruction surveys and avoidance measures if construction occurs during the nesting season.

In addition, it is unlikely but possible that previously undiscovered subsurface paleontological, cultural or tribal resources are present in the proposed area of development. Implementation of the mitigation measure in Section V, which describes avoidance and reporting requirements, will ensure that impacts are less than significant.

\* **Mitigation Measures**

1. See Section IV.
2. See Section V.

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

FINDING: LESS THAN SIGNIFICANT IMPACT:

Emissions of criteria pollutants from this project will be consistent with the State Implementation Plan administered by the San Joaquin Valley Air Pollution Control



District. The proposed improvements do not represent a substantial increase in the size of the dairy and will not result in adverse cumulative aesthetic or odor impacts. The proposed digester will capture some of the methane that is currently released into the air by the natural decomposition of manure and will convert it into electricity. Said power will be sold to PG&E, providing a source of renewable energy.

- C. Have environmental effects which will cause substantial adverse effects on human beings either directly or indirectly?

FINDING: LESS THAN SIGNIFICANT IMPACT:

The proposed improvements will generally decrease the odor in the area of the project site and will contribute renewable energy to be transferred to PG&E operations.

## **CONCLUSION/SUMMARY**

Based upon the Initial Study prepared for Unclassified Conditional Use Permit Application Nos. 3642-3647, staff has concluded that the project will not have a significant effect on the environment. It has been determined that there would be no impacts to Land Use and Planning, Population and Housing, Public Services and Wildfire.

Potential impacts related to Agriculture, Air Quality, Energy, Greenhouse Gas Emissions, Hazards and Hazardous Materials, Hydrology and Water Quality, Mineral Resources, Noise, Utilities and Service Systems, and Transportation have been determined to be less than significant. Potential impacts relating to Aesthetics, Biological Resources, Cultural Resources, Geology and Soils, and Tribal Cultural Resources have determined to be less than significant with compliance with noted Mitigation Measures.

A Mitigated Negative Declaration/Negative Declaration is recommended and is subject to approval by the decision-making body. The Initial Study is available for review at 2220 Tulare Street, Suite A, street level, located on the southwest corner of Tulare and "M" Street, Fresno, California.

JS

G:\4360Devs&Pln\PROJSEC\PROJDOCS\CUP\3600-3699\3642\IS CEQA\CUP 3642 Initial Study Writeup.docx

File original and one copy with: <b>Fresno County Clerk 2221 Kern Street Fresno, California 93721</b>		Space Below For County Clerk Only.  CLK-2046.00 E04-73 R00-00			
Agency File No: <b>IS 7608</b>		<b>LOCAL AGENCY PROPOSED MITIGATED NEGATIVE DECLARATION</b>		County Clerk File No: <b>E-</b>	
Responsible Agency (Name): <b>Fresno County</b>		Address (Street and P.O. Box): <b>2220 Tulare St. Sixth Floor</b>		City: <b>Fresno</b>	
				Zip Code: <b>93721</b>	
Agency Contact Person (Name and Title): <b>Jeremy Shaw, Planner</b>			Area Code: <b>559</b>	Telephone Number: <b>600-4207</b>	Extension: <b>N/A</b>
Project Applicant/Sponsor (Name): <b>MAAS Energy Works, Inc.</b>			Project Title: <b>Unclassified Conditional Use Permit Application Nos. 3642-3647</b>		
Project Description:  Allow the installation of four new covered lagoon anaerobic dairy digesters with related biogas conditioning equipment and biogas generators to produce electricity on four existing dairies; the installation of biogas conditioning equipment at a fifth dairy with an existing digester and generator; the construction of an approximately 10.5 mile underground pipeline to connect the participating dairies; and allow produced biomethane to be transported to a centralized hub where a biogas upgrading facility will be constructed to clean and condense the biogas before it is injected into the PG&E natural gas transmission line. The project is bounded by the unincorporated communities of Five Points to the southwest, Helm to the north, Burrell to the northeast, and Lanare to the east and southeast; State Route 145 (Madera Avenue) on the west; Mount Whitney Avenue on the south; Jameson Avenue on the east; and Kamm Avenue on the north; within the AE-20 (Exclusive Agricultural, 20-acre minimum parcel size) and AE-40 (Exclusive Agricultural, 40-acre minimum parcel size) Zone Districts (SUP. DIST. 1 and 4 ) (Dairies: APN Nos. 040-130-51S, 050-160-16S, 050-270-56S, 050-170-41S, 050-260-12S, 040-130-35S) (Pipeline APN Nos. 040-130-35S, 49, 44S, 48S, 51S; 041-100-17, 45S; 050-160-13S, 16S; 050-170-41S, 050-200-38S; 050-230-20S, 23S; 050-260-10S, 11S, 12S; 050-270-56S).					
Justification for Negative Declaration:  Based upon the Initial Study prepared for Unclassified Conditional Use Permit Application Nos. 3642-3647, staff has concluded that the project will not have a significant effect on the environment. It has been determined that there would be no impacts to Aesthetics, Land Use and Planning, Mineral Resources, Population and Housing, and Recreation.  Potential impacts related to Air Quality, Geology and Soils, Greenhouse Gases, Hazard and Hazardous Materials, Hydrology and Water Quality, Noise, Public Services, Transportation/Traffic, and Utilities and Service Systems have been determined to be less than significant.  Potential impacts relating to Biological Resources and Cultural Resources have determined to be less than significant with compliance with noted Mitigation Measures					
FINDING:  With the Mitigation Measures incorporated, the proposed project will not have a significant impact on the environment.					
Newspaper and Date of Publication: <b>Fresno Business Journal – June 26, 2019</b>			Review Date Deadline: <b>Planning Commission – August 8, 2019</b>		
Date:	Type or Print Signature: <b>Marianne Mollring Senior Planner</b>		Submitted by (Signature): <b>Jeremy Shaw, Planner</b>		

State 15083, 15085

County Clerk File No.: \_\_\_\_\_

**LOCAL AGENCY  
MITIGATED NEGATIVE DECLARATION**



# County of Fresno

DEPARTMENT OF PUBLIC WORKS AND PLANNING  
STEVEN E. WHITE, DIRECTOR

DATE: April 8, 2019

TO: Department of Public Works and Planning, Attn: Steven E. White, Director  
Department of Public Works and Planning, Attn: Bernard Jimenez, Assistant Director  
Department of Public Works and Planning, Attn: John R. Thompson, Assistant Director  
Development Services and Capital Projects, Attn: William M. Kettler, Division Manager  
Development Services and Capital Projects, Attn: Chris Motta, Principal Planner  
Development Services and Capital Projects, Current Planning, Attn: Marianne Mollring, Senior Planner  
Development Services and Capital Projects, Policy Planning, ALCC, Attn: Mohammad Khorsand, Senior Planner  
Development Services and Capital Projects, Zoning & Permit Review, Attn: Tawanda Mtunga  
Development Services and Capital Projects, Site Plan Review, Attn: Hector Luna  
Development Services and Capital Projects, Building & Safety/Plan Check, Attn: Chuck Jonas  
Development Services and Capital Projects, Building & Safety/Plan Check, CASp, Attn: Dan Mather  
Resources Division, Solid Waste, Attn: Amina Flores-Becker/ Sally Lopez  
Development Engineering, Attn: Attn: Kevin Nehring, Deputy County Surveyor  
Development Engineering, Attn: Laurie Kennedy, Grading/Mapping  
Road Maintenance and Operations, Attn: Frank Daniele/ Wendy Nakagawa/Nadia Lopez  
Design Division, Transportation Planning, Attn: Mohammad Alimi/Dale Siemer  
Water and Natural Resources Division, Attn: Glenn Allen, Division Manager  
Department of Public Health, Environmental Health Division, Attn: Kevin Tsuda/Deep Sidhu/Steven Rhodes  
San Joaquin Valley Air Pollution Control District (PIC-CEQA Division), Attn: ceqa@valleyair.org  
Agricultural Commissioner, Attn: Melissa Cregan  
Sheriff's Office, Attn: Captain John Zanoni, Lt. John Reynolds, Lt. Louie Hernandez, Lt. Kathy Curtice, Lt. Ryan Hushaw  
U.S. Fish and Wildlife Service, San Joaquin Valley Division, Attn: Sarah D. Yates  
U.S. Army Corps of Engineers, Sacramento District, Regulatory Division, CA South Branch, Attn: Kathleen Dadey  
CA Regional Water Quality Control Board, Attn: centralvalleyfresno@waterboards.ca.gov  
CA Department of Conservation, Division of Oil Gas and Geothermal Resources, Attn: Rohit Sharma  
NAS Lemoore, NAVFAC, Public Works, Attn: John Dirickson, CPLO  
CALTRANS, Attn: Dave Padilla  
CALTRANS Aeronautics Program, Attn: Chris Ferrell  
CA Department of Fish and Wildlife, Attn: Renee Robison, Environmental Scientist  
State Water Resources Control Board, Division of Drinking Water, Fresno District,

Attn: Jose Robledo  
CA Department of Resources Recycling & Recovery, Permitting & Assistance  
Branch, Attn: Patrick Snider, Sr. Environmental Scientist  
CA Department of Toxic Substance Control (CEQA unit), Attn: Dave Kereazis  
Dumna Wo Wah Tribal Government, Attn: Robert Ledger, Tribal Chairman  
Picayune Rancheria of the Chukchansi Indians, Attn: Tara C. Estes-Harter,  
THPO/Cultural Resources Director  
Santa Rosa Rancheria Tachi-Yokut Tribe, Attn: Hector Franco/ Shana Powers  
Table Mountain Rancheria, Attn: Robert Pennell, Cultural Resources Director/ Kim  
Taylor/ Sara Barnett  
Southern San Joaquin Valley Information Center, Attn: Celeste Thomson  
San Joaquin Valley Unified Air Pollution Control District (PIC-CEQA Division),  
Attn: PIC Supervisor  
Kings River Conservation District, Attn: [comments@krcd.org](mailto:comments@krcd.org)  
Stinson Canal & Irrigation Company, Attn: Herb Simmons, Engineer/ Manager  
Fresno Westside Mosquito Abatement District, Attn: Elizabeth Cline  
Consolidated Mosquito Abatement District, Attn: Steve Mulligan/Mark Amorino  
Fresno County Fire Protection District, Attn: Chris Christopherson, Battalion Chief  
PG&E (Pacific Gas and Electric), Attn: [pgeplanreview@pge.com](mailto:pgeplanreview@pge.com)

FROM: Jeremy Shaw, Planner *JS*  
Development Services and Capital Projects Division

SUBJECT: Initial Study Application No. 7608; Unclassified Conditional Use Permit Application  
Nos. 3642, 3644, 3645, 3646, 3647 and Classified Conditional Use Permit Application  
No. 3643 (Amending CUP No. 3590).

APPLICANTS: Five Points Pipeline, LLC

DUE DATE: April 22, 2019

The Department of Public Works and Planning, Development Services and Capital Projects Division is reviewing the subject applications proposing to allow a dairy digester cluster and pipeline, which entails the installation of four new covered lagoon type, anaerobic dairy digesters with related biogas conditioning equipment and biogas generators at four existing dairy sites, the installation of biogas conditioning equipment at an existing digester site, the construction of a 10.5 mile long underground pipeline to connect the participating dairies and allow produced bio methane to be transported to one centralized hub, digester site, where a biogas upgrading facility will be constructed to clean and condense the biogas before it is injected into the PG&E main natural gas line. The upgrading equipment will remove moisture, hydrogen sulfide, and carbon dioxide before the gas is compressed and injected.

There will also be a separate Electrical Generation Facility constructed on the same site, which will contain biogas generator(s) and any ancillary equipment, similar to the upgrading facility, to condition the biogas before it is utilized in the generators. The electrical generation facility will require new or upgraded service and connection equipment from PG&E, including the installation of new utility poles. The new biogas generators at each dairy site and Central Hub site, will produce electrical power to be utilized for the dairy operation and delivered to the PG&E grid, through a net energy metering agreement.

The Central Hub/Biogas Upgrading facility including a PG&E Point of Interconnection and Injection, will include a Meter Set Assembly (MSA) to measure, odorize, and control the flow of gas to the

PG&E main pipeline, which is located on the Open Sky Dairy site (APN 050-170-41S/ CUP 3642). The Central Hub/ Biogas Upgrading facility will allow cleaned and conditioned biogas to be converted into renewable natural gas, and injected into the PG&E main transmission/distribution line, which traverses the Central Hub site.

The approximately 10.5 mile long, underground, biogas pipeline, will consist of four-inch to six-inch diameter, high density polyethylene (HDPE) low-pressure lines, connecting the five participating dairies to the Central Hub facility, thereby allowing each dairy to contribute conditioned biogas to the gathering lines (pipeline), leading to the Central Hub. The pipeline will be buried at a minimum depth of four feet, except where greater depth is necessary. The pipeline route will traverse a total of 17 parcels, including those containing the five participating dairies, make approximately five (5) County Road right-of-way crossings, and approximately eight (8) irrigation canal crossings.

Project construction of the Hub/Upgrading facility, electrical generation facility, pipeline and participating digesters is anticipated to take approximately 10 months to complete, and once complete will operate 24 hours per day, seven days per week.

The proposed pipeline and dairy digester cluster project area is bounded by the unincorporated communities of Five Points, Helm, Burrell and Lanare; South Lassen Avenue (State Route 145) to the west, and the Fresno Slough to the east. The subject parcels are located within both the AE-20 (Exclusive Agricultural, 20-acre minimum parcel size) Zone District and the AE-40 (Exclusive Agricultural, 40-acre minimum parcel size) Zone District. The individual project components are listed below.

CUP 3642: Open Sky Dairy - Existing Operation, including a lagoon digester, allowed as a by right use, on a 518.45-acre parcel, currently authorized for a herd size of approximately 6,084 cows per the approval of CUP 3590, which authorized 700 additional cows and the installation of a second biogas powered generator to produce electrical power for dairy operation and with the surplus electricity to be sold to the grid. Current application: An approximately 10.5 mile long Biogas pipeline, with an interconnection point to the PG&E main gas line and a biogas upgrading facility to be located on the Open Sky Dairy site, in the AE-20 (Exclusive Agricultural, 20-acre minimum parcel size) Zone District (APN No. 050-170-41S (SUP. DIST 1) (12103 W. Elkhorn Avenue, Riverdale, CA 93656).

CUP 3643: Open Sky Dairy – Current application proposes to allow the installation of a 2,400 square-foot steel prefabricated mechanical building to contain the biogas chilling equipment and other supporting equipment, in conjunction with an existing digester and biogas generator, amending CUP 3590 approved March 27, 2018 (APN 050-170-041) (SUP. DIST 1) (12103 W. Elkhorn Avenue, Riverdale, CA 93656).

CUP 3644: Vanderham Dairy - Existing Operation allowed as a by right use, with expansion authorized by DRA 4514 for up to 5,300 cows on a 320.40-acre parcel. Current application: Installation of a dairy digester, sand lane, 8-inch to 24-inch manure pipes, biogas pipes, moisture trap and pad, biogas blower and chilling equipment, to be housed in a new 2,400 square-foot, steel prefabricated mechanical building, along with the biogas powered generator and supporting equipment, in the AE-20 (Exclusive Agricultural, 20-acre minimum parcel size) Zone District, and the AE-40 (Exclusive Agricultural, 40-acre minimum parcel size) Zone District (APN 050-270-56S) (SUP. DIST 4) (10846 West Mount Whitney Avenue, Riverdale, CA 93656).

CUP 3645: Van der Hoek Dairy - Existing Operation, allowed as a by right use, on a 627.92-acre parcel. Current application: Installation of a dairy digester, sand lane, 8-inch to 24-inch manure pipes, biogas pipes, moisture trap and pad, biogas blower and chilling equipment, to be housed in a new 2,400 square-foot, steel prefabricated mechanical building, along with the biogas powered

generator and supporting equipment, in the AE-20 (Exclusive Agricultural, 20-acre minimum parcel size) Zone District (APN 040-130-51S) (SUP. DIST. 1) (15886 South Lassen Avenue, Helm, CA 93627).

CUP 3646: Van der Koi Dairy - Existing Operation, allowed as a by right use on a 606.22-acre parcel. Current application: Installation of a dairy digester, sand lane, 8-inch to 24-inch manure pipes, biogas pipes, moisture trap and pad, biogas blower and chilling equipment, to be housed in a new 2,400 square-foot, steel prefabricated mechanical building, along with the biogas powered generator and supporting equipment, in the AE-20 (Exclusive Agricultural, 20-acre minimum parcel size) Zone District (APN 050-160-16S) ( SUP. DIST. 1) (13695 West Elkhorn Avenue, Riverdale, CA 93656).

CUP 3647: J&D Wilson Dairy - Existing Operation, allowed as a by right use, on a 156.36-acre parcel. Current application: Installation of a dairy digester, sand lane, 8-inch to 24-inch manure pipes, biogas pipes, moisture trap and pad, biogas blower and chilling equipment, to be housed in a new 2,400 square-foot, steel prefabricated mechanical building, along with the biogas powered generator and supporting equipment, in the AE-40 (Exclusive Agricultural, 40-acre minimum parcel size) Zone District (APN No. 050-260-12S) ( SUP. DIST. 4) (11720 West Mount Whitney Avenue, Riverdale, CA 93656).

Full APN list (Including participating dairies, hub/upgrading facility, and pipeline): (050-170-41S) (050-160-13S,16S) (050-200-38S) (050-230-20S, 23S) (050-260-10S,11S, 12S) (050-270-56S)(040-130-35S, 51S, 49, 44S, 48S) (041-100-45S)) (SUP. DIST. 1 & 4)

The Department is also reviewing for environmental effects, as mandated by the California Environmental Quality Act (CEQA) and for conformity with plans and policies of the County.

Based upon this review, a determination will be made regarding conditions to be imposed on the project, including necessary on-site and off-site improvements.

We must have your comments by **April 22, 2019**. Any comments received after this date may not be used.

**NOTE - THIS WILL BE OUR ONLY REQUEST FOR WRITTEN COMMENTS. If you do not have comments, please provide a "NO COMMENT" response to our office by the above deadline (e-mail is also acceptable; see email address below).**

Please address any correspondence or questions related to environmental and/or policy/design issues to me, Jeremy Shaw, Planner, Development Services and Capital Projects Division, Fresno County Department of Public Works and Planning, 2220 Tulare Street, Sixth Floor, Fresno, CA 93721, or call (559) 600-4207 or email [jshaw@fresnocountyca.gov](mailto:jshaw@fresnocountyca.gov)

JS  
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*Activity Code (Internal Review) :2381*

Enclosures



Fresno County Department of Public Works and Planning

Date Received: 3/21/19

CUP 3642 (Application No.)

MAILING ADDRESS: Department of Public Works and Planning, Development Services and Capital Projects Division, 2220 Tulare St., 6th Floor, Fresno, Ca. 93721

LOCATION: Southwest corner of Tulare & "M" Streets, Suite A Street Level, Fresno Phone: (559) 600-4497

APPLICATION FOR:

- Pre-Application (Type), Amendment Application, Amendment to Text, Conditional Use Permit, Variance (Class )/Minor Variance, Site Plan Review/Occupancy Permit, No Shoot/Dog Leash Law Boundary, General Plan Amendment/Specific Plan/SP Amendment, Time Extension for, Director Review and Approval for 2nd Residence, Determination of Merger, Agreements, ALCC/RLCC, Other

DESCRIPTION OF PROPOSED USE OR REQUEST:

Request is to allow a pipeline project that will consist of approximately 10.5 miles of low pressure, underground pipeline, related biogas cleanup equipment and PG&E interconnection point equipment (meter set assembly).

The proposed pipeline will gather biogas produced by participating dairy farms. The proposed biogas cleanup equipment will upgrade the biogas to PG&E standards. Once the biogas is delivered and upgraded, it will be injected into the PG&E transmission line through the interconnection point equipment.

CEQA DOCUMENTATION: [X] Initial Study [ ] PER [ ] N/A

PLEASE USE FILL-IN FORM OR PRINT IN BLACK INK. Answer all questions completely. Attach required site plans, forms, statements, and deeds as specified on the Pre-Application Review. Attach Copy of Deed, including Legal Description.

LOCATION OF PROPERTY: South side of W Elkhorn Ave between Elkhorn Grade and S. Howard Ave, Street address: 12103 W. Elkhorn Ave, Riverdale, CA 93656

APN: 050-170-041S Parcel size: Approximately 506.1 Acres Section(s)-Twp/Rg: S 3 - T 17 S/R 18 E

ADDITIONAL APN(s): 040-130-35S, 51S, 49, 44S, 48S, 041-100-17, 041-100-45S, 050-160-13S, 16S, 050-200-38S, 050-230-20S, 050-260-10S, 050-230-23S, 050-260-12S, 11S

Eric to Velde (signature), declare that I am the owner, or authorized representative of the owner, of the above described property and that the application and attached documents are in all respects true and correct to the best of my knowledge. The foregoing declaration is made under penalty of perjury.

Table with 5 columns: Name, Address, City, Zip, Phone. Rows include Eric A. to Velde and Katelyn J. to Velde Revocable Family Trust, Five Points Pipeline, LLC, and Maas Energy Works, Inc.

CONTACT EMAIL: stephanie@maasenergy.com

OFFICE USE ONLY (PRINT FORM ON GREEN PAPER)

Application Type / No.: UCUP No. 3642 Fee: \$9,123.00
Application Type / No.: Pre Appl Credit Fee: \$-247.00
PER/Initial Study No.: Initial Study 7608 Fee: \$3,151.00
Ag Department Review: Fee: \$93.00
Health Department Review: Fee: \$992.00
Received By: J.S. Invoice No.: 117386 TOTAL: \$15,112.00

UTILITIES AVAILABLE:

WATER: Yes [ ] / No [X] Agency: Well
SEWER: Yes [ ] / No [X] Agency: Septic

STAFF DETERMINATION: This permit is sought under Ordinance Section:

Sect-Twp/Rg: - T S/R E

Related Application(s):

APN # - -

Zone District: AE-20

APN # - -

Parcel Size:

APN # - -

APN # - -

OVER.....



# County of Fresno

DEPARTMENT OF PUBLIC WORKS AND PLANNING  
STEVEN E. WHITE, DIRECTOR

## INITIAL STUDY APPLICATION

### INSTRUCTIONS

Answer all questions completely. An incomplete form may delay processing of your application. Use additional paper if necessary and attach any supplemental information to this form. Attach an operational statement if appropriate. This application will be distributed to several agencies and persons to determine the potential environmental effects of your proposal. Please complete the form in a legible and reproducible manner (i.e., USE BLACK INK OR TYPE).

OFFICE USE ONLY	
IS No.	_____
Project No(s).	_____
Application Rec'd.:	_____

### GENERAL INFORMATION

- Property Owner:** Eric A. te Velde and Katelyn J. te Velde *Phone/Fax:* 559-707-1665  
**Mailing Address:** 1652 4th Ave Kingsburg California/93631  
*Street City State/Zip*
- Applicant:** Five Points Pipeline, LLC *Phone/Fax:* 951-847-6613  
**Mailing Address:** 3711 Meadow View Dr, Ste 100 Redding California/96002  
*Street City State/Zip*
- Representative:** Maas Energy Works, Inc. *Phone/Fax:* 951-847-6613  
**Mailing Address:** 3711 Meadow View Dr, Ste 100 Redding California/96002  
*Street City State/Zip*
- Proposed Project:** The Five Points Dairy Digester Cluster Project is a dairy biogas collection and biomethane injection project. It proposes to install approx. 19 miles of low-pressure HDPE biogas gathering lines which will collect biogas from individual dairy digesters located on nearby dairy farms and connect them all with each other and with the upgrading/injection point, into the PG&E transmission line. This project will include permitting of individual dairy digesters, biogas gathering lines, biogas conditioning equipment and the biogas injection point.
- Project Location:** Near Five Points, CA.
- Project Address:** 12103 W. Elkhorn Ave, Riverdale, CA 93656
- Section/Township/Range:** 3 /17 S. /18 E.
- Parcel Size:** Approx. 506.1 acres
- Assessor's Parcel No.** 050-170-041S

OVER.....

DEVELOPMENT SERVICES AND CAPITAL PROJECTS DIVISION  
2220 Tulare Street, Sixth Floor / Fresno, California 93721 / Phone (559) 600-4497 / 600-4022 / 600-4540 / FAX 600-4200  
The County of Fresno is an Equal Employment Opportunity Employer



10. Land Conservation Contract No. (If applicable): AP - 1521

11. What other agencies will you need to get permits or authorization from:

<input type="checkbox"/>	LAFCo (annexation or extension of services)	<input checked="" type="checkbox"/>	SJVUAPCD (Air Pollution Control District)
<input type="checkbox"/>	CALTRANS	<input type="checkbox"/>	Reclamation Board
<input type="checkbox"/>	Division of Aeronautics	<input type="checkbox"/>	Department of Energy
<input type="checkbox"/>	Water Quality Control Board	<input type="checkbox"/>	Airport Land Use Commission
<input type="checkbox"/>	Other _____		

12. Will the project utilize Federal funds or require other Federal authorization subject to the provisions of the National Environmental Policy Act (NEPA) of 1969? \_\_\_\_\_ Yes x No

If so, please provide a copy of all related grant and/or funding documents, related information and environmental review requirements.

13. Existing Zone District<sup>1</sup>: AE20

14. Existing General Plan Land Use Designation<sup>1</sup>: Exclusive Agricultural

**ENVIRONMENTAL INFORMATION**

15. Present land use: Agricultural farming

Describe existing physical improvements including buildings, water (wells) and sewage facilities, roads, and lighting. Include a site plan or map showing these improvements:

Project site is surrounded by a covered lagoon dairy digester and several existing manure lagoons. Directly to the north of the site is a fenced and gravelled area containing a biogas generator & supporting equipment.

Describe the major vegetative cover: All areas are pre-disturbed. Annual field cropping is used in surrounding areas.

Any perennial or intermittent water courses? If so, show on map: The pipeline will cross several water courses (see map attached).

Is property in a flood-prone area? Describe:

No. Property has been designated Zone X - An area that is determined to be outside the 1% and 0.2% annual chance floodplains by Fresno County.

No. Property has been designated Zone X - An area that is determined to be outside the 1% and 0.2% annual chance floodplains by Fresno County.

16. Describe surrounding land uses (e.g., commercial, agricultural, residential, school, etc.):

North: Agricultural

South: Agricultural

East: Agricultural

West: Agricultural

17. What land use(s) in the area may be impacted by your Project?: \_\_\_\_\_

After the completion of the project, no affect on land use is anticipated.

18. What land use(s) in the area may impact your project?: None \_\_\_\_\_

19. Transportation:

NOTE: The information below will be used in determining traffic impacts from this project. The data may also show the need for a Traffic Impact Study (TIS) for the project.

A. Will additional driveways from the proposed project site be necessary to access public roads?

\_\_\_\_\_ Yes  No

B. Daily traffic generation:

I. Residential - Number of Units \_\_\_\_\_  
Lot Size \_\_\_\_\_  
Single Family \_\_\_\_\_  
Apartments \_\_\_\_\_

II. Commercial - Number of Employees 1 \_\_\_\_\_  
Number of Salesmen \_\_\_\_\_  
Number of Delivery Trucks \_\_\_\_\_  
Total Square Footage of Building \_\_\_\_\_

III. Describe and quantify other traffic generation activities: During construction, traffic to the project site is anticipated to be less than 20 round trips per day. Once operational, traffic is expected to be less than 2 round trips per day. This level does not constitute a significant increase.

20. Describe any source(s) of noise from your project that may affect the surrounding area: Very minimal noise will be generated by the project's construction and operation.


21. Describe any source(s) of noise in the area that may affect your project: None - N/A

22. Describe the probable source(s) of air pollution from your project: Any criteria pollutants emitted by the project will be regulated under the applicable SJVACPD permit(s).

23. Proposed source of water:  
 private well  
 community system<sup>3</sup> --name: Private well O.V.R.R.....

24. Anticipated volume of water to be used (gallons per day)<sup>2</sup>: 2,000 gallons a day
25. Proposed method of liquid waste disposal:  
 ( ) septic system/individual  
 ( ) community system<sup>3</sup>-name septic system/individual
26. Estimated volume of liquid waste (gallons per day)<sup>2</sup>: 1.5 gallons per day
27. Anticipated type(s) of liquid waste: Manure vapor condensation and lubricating oils
28. Anticipated type(s) of hazardous wastes<sup>2</sup>: None
29. Anticipated volume of hazardous wastes<sup>2</sup>: N/A
30. Proposed method of hazardous waste disposal<sup>2</sup>: N/A
31. Anticipated type(s) of solid waste: Spent activated carbon residuals, common shop box and parts
32. Anticipated amount of solid waste (tons or cubic yards per day): Activated carbon: 50-100 lbs per day. Shop waste: 10 lbs per day.
33. Anticipated amount of waste that will be recycled (tons or cubic yards per day): None
34. Proposed method of solid waste disposal: For shop waste, curbside solid waste pickup. For activated carbon, haul to landfill.
35. Fire protection district(s) serving this area: Kingsburg Fire Department
36. Has a previous application been processed on this site? If so, list title and date: Yes. March 26, 2009.  
 Resolution No. 12151 - Initial Study Application No. 6044 and Unclassified Conditional Use Permit Application No. 3255.
37. Do you have any underground storage tanks (except septic tanks)? Yes \_\_\_\_\_ No X
38. If yes, are they currently in use? Yes \_\_\_\_\_ No X

TO THE BEST OF MY KNOWLEDGE, THE FOREGOING INFORMATION IS TRUE.

  
 \_\_\_\_\_  
 SIGNATURE

5/15/18  
 \_\_\_\_\_  
 DATE

<sup>1</sup>Refer to Development Services and Capital Projects Conference Checklist

<sup>2</sup>For assistance, contact Environmental Health System, (559) 600-3357

<sup>3</sup>For County Service Areas or Waterworks Districts, contact the Resources Division, (559) 600-4259

(Revised 5/2/16)

## NOTICE AND ACKNOWLEDGMENT

### INDEMNIFICATION AND DEFENSE

*The Board of Supervisors has adopted a policy that applicants should be made aware that they may be responsible for participating in the defense of the County in the event a lawsuit is filed resulting from the County's action on your project. You may be required to enter into an agreement to indemnify and defend the County if it appears likely that litigation could result from the County's action. The agreement would require that you deposit an appropriate security upon notice that a lawsuit has been filed. In the event that you fail to comply with the provisions of the agreement, the County may rescind its approval of the project.*

### STATE FISH AND WILDLIFE FEE


*State law requires that specified fees (effective January 1, 2018: \$3,168.00 for an EIR; \$2,280.75 for a Mitigated/Negative Declaration) be paid to the California Department of Fish and Wildlife (CDFW) for projects which must be reviewed for potential adverse effect on wildlife resources. The County is required to collect the fees on behalf of CDFW. A \$50.00 handling fee will also be charged, as provided for in the legislation, to defray a portion of the County's costs for collecting the fees.*

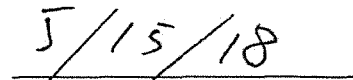
*The following projects are exempt from the fees:*

- 1. All projects statutorily exempt from the provisions of CEQA (California Environmental Quality Act).*
- 2. All projects categorically exempt by regulations of the Secretary of Resources (State of California) from the requirement to prepare environmental documents.*

*A fee exemption may be issued by CDFW for eligible projects determined by that agency to have "no effect on wildlife." That determination must be provided in advance from CDFW to the County at the request of the applicant. You may wish to call the local office of CDFW at (559) 222-3761 if you need more information.*

*Upon completion of the Initial Study you will be notified of the applicable fee. Payment of the fee will be required before your project will be forwarded to the project analyst for scheduling of any required hearings and final processing. The fee will be refunded if the project should be denied by the County.*

  
\_\_\_\_\_  
Applicant's Signature

  
\_\_\_\_\_  
Date

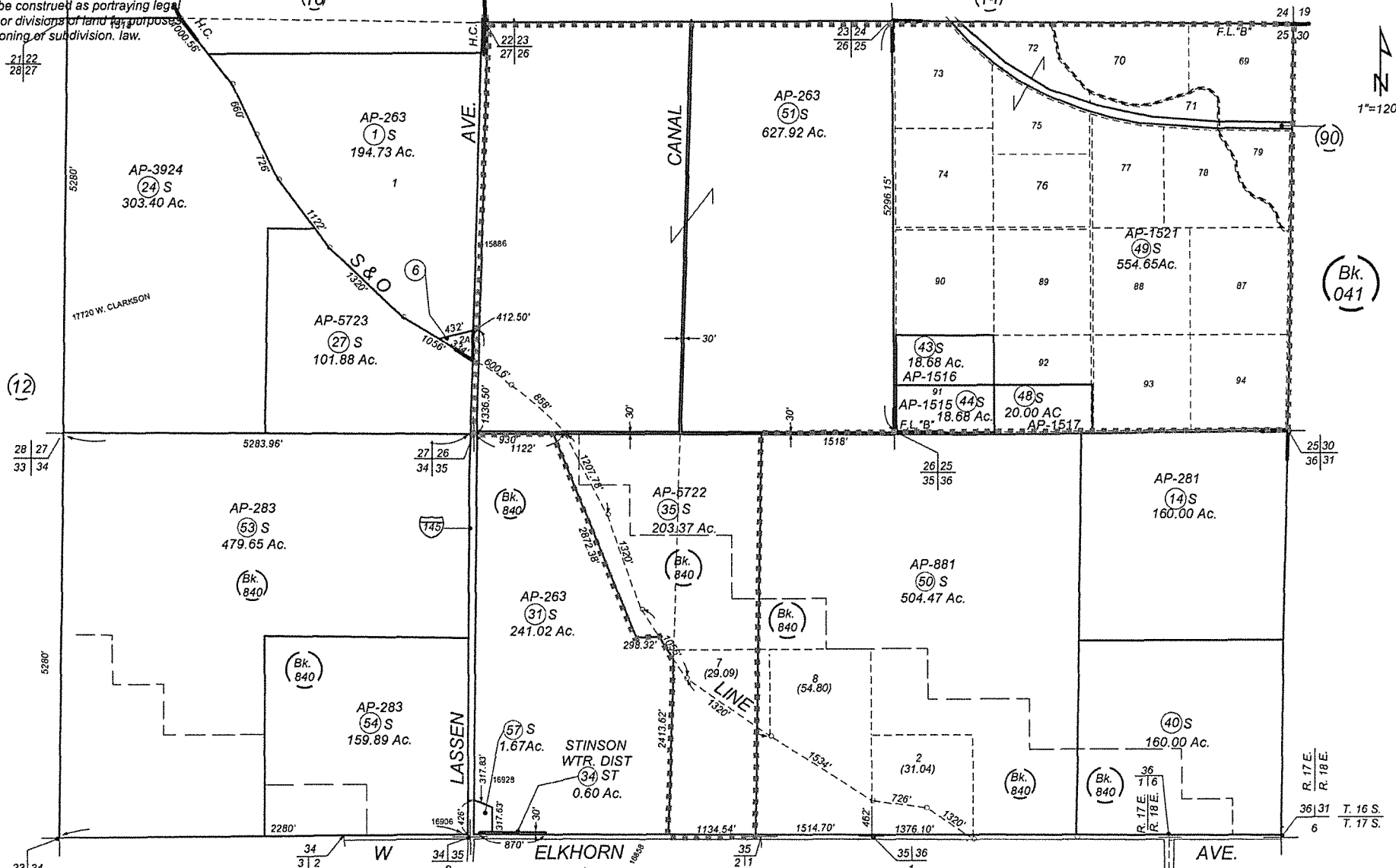
C:\USERS\PUBLIC\DOCUMENTS\INITIAL STUDY APP.DOCX

-NOTE-  
This map is for Assessment purposes only.  
It is not to be construed as portraying legal  
ownership or divisions of land for purposes  
of zoning or subdivision law.

SUBDIVIDED LAND & POR. SEC'S. 25,26,27,34,35 & 36, T. 16 S., R. 17 E., M.D.B. & M.

Tax Rate Area  
111-003

040-13

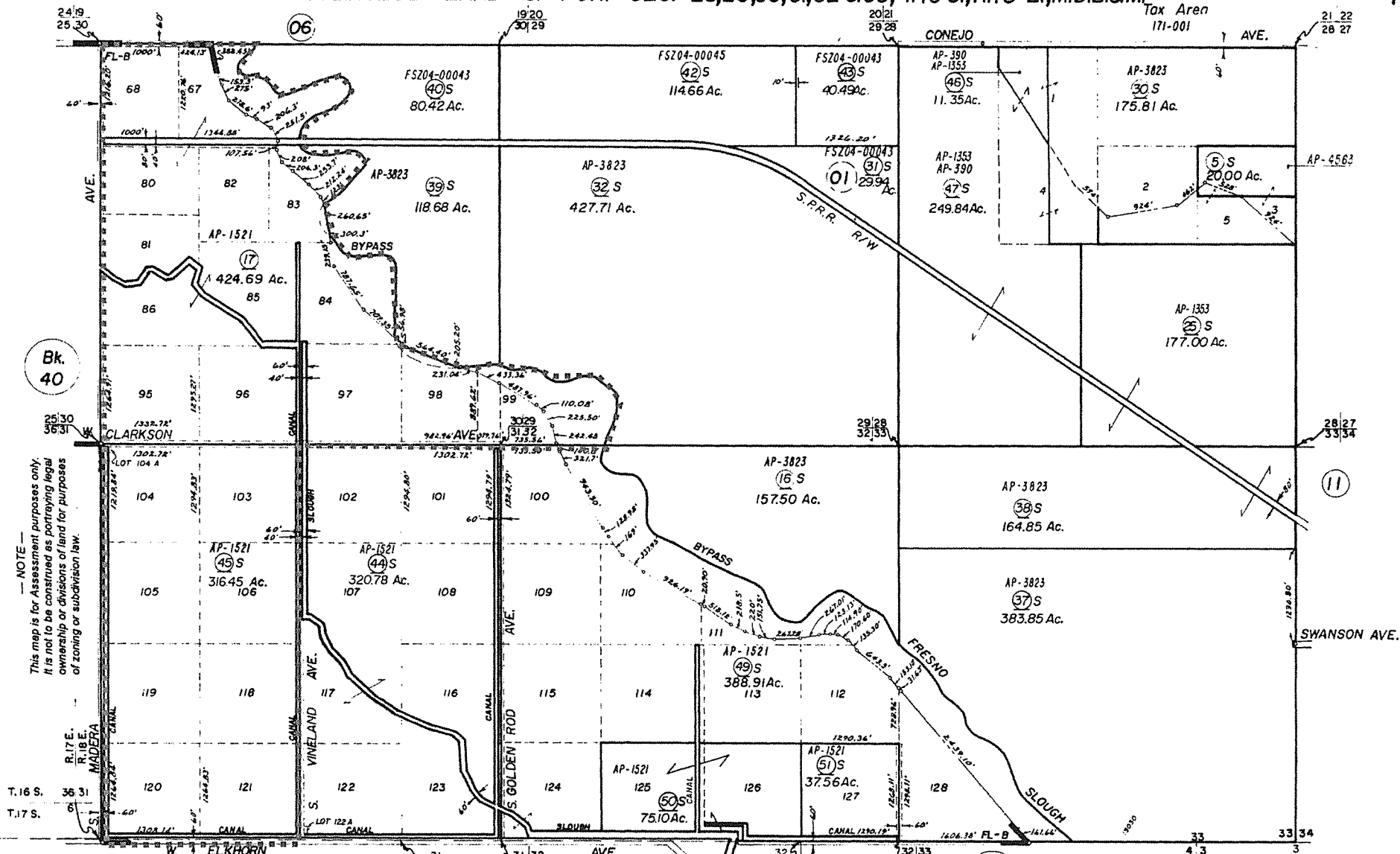


Agricultural Preserve  
Fitzwilliam Lands Inc, Subd. "B" - Plat Bk. 10, Pg. 47  
Helm Co. Subd. of S.&O. Lands -R.S. Bk. 3, Pg. 34

Assessor's Map Bk. 040 - Pg. 13  
County of Fresno, Calif.

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

SUBDIVIDED LAND & POR. SEC. 28,29,30,31,32 & 33, T.16 S., R.18 E., M.D.B.&M.



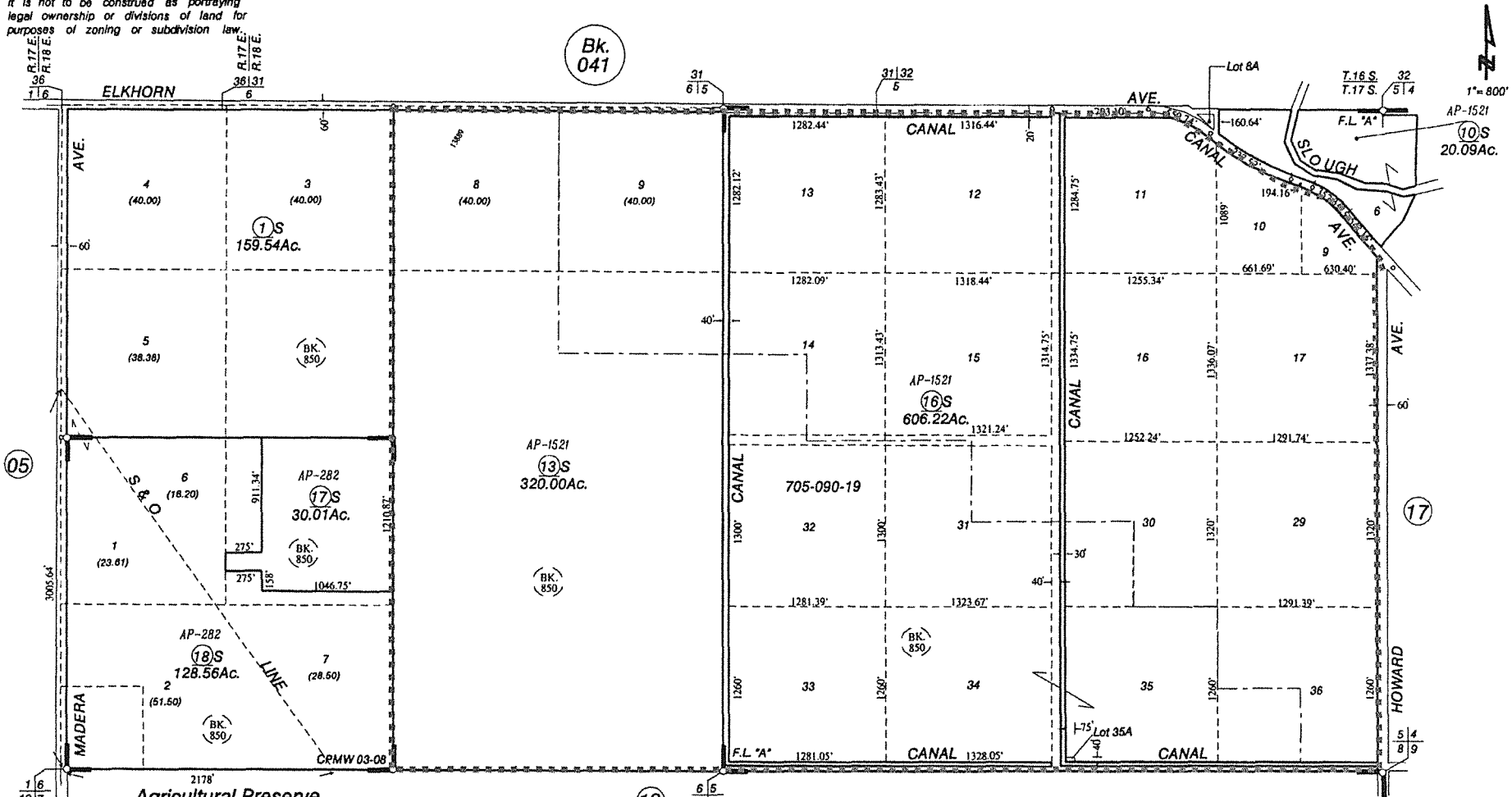
NOTE - This map is for Assessment purposes only. It is not to be construed as portraying legal ownership or divisions of land for purposes of zoning or subdivision law.

Agricultural Preserve  
The Fitzwilliam Lands, Inc., Sub. "B"-Plat Bk.10, Pg. 46 & 47

Assessor's Map Bk. 41 -Pg.10  
County of Fresno, Calif.

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

--- NOTE ---  
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Agricultural Preserve  
Fitzwilliam Lands, Inc, Sub. "A"- Plat Bk. 10., Pgs. 42-44  
Certificate of Parcel Map Waiver No. 03-08, Doc. # 181280, 08/29/06

Assessor's Map Bk.050 - Pg. 16  
County of Fresno, Calif.

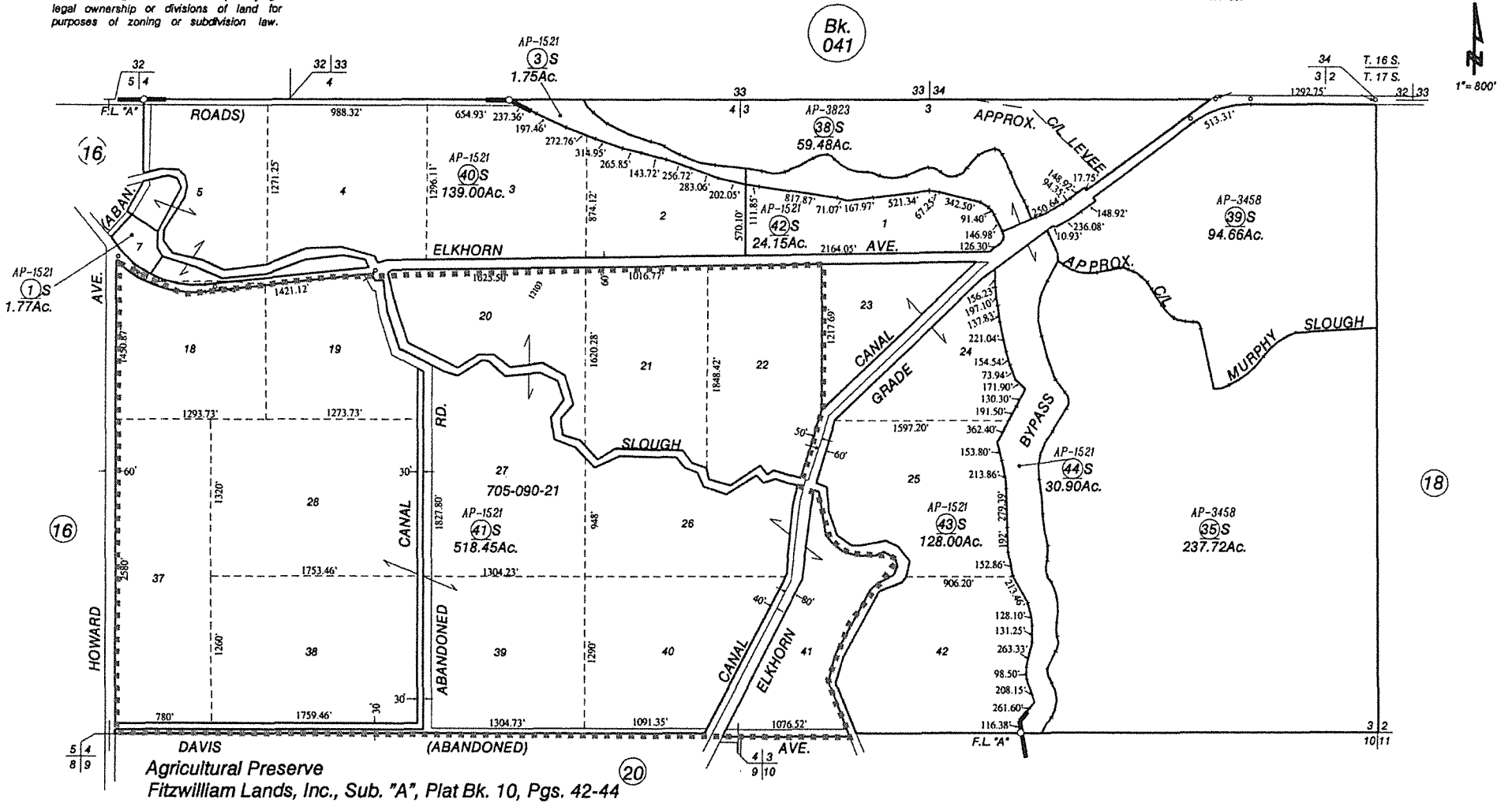
NOTE - Assessor's Block Numbers Shown in Ellipses.  
Assessor's Parcel Numbers Shown in Circles.

SUBDIVIDED LAND & POR. SEC'S. 3 & 4, T. 17 S., R. 18 E., M. D. B. & M.

Tax Rate Area  
170-010  
171-001

050-17

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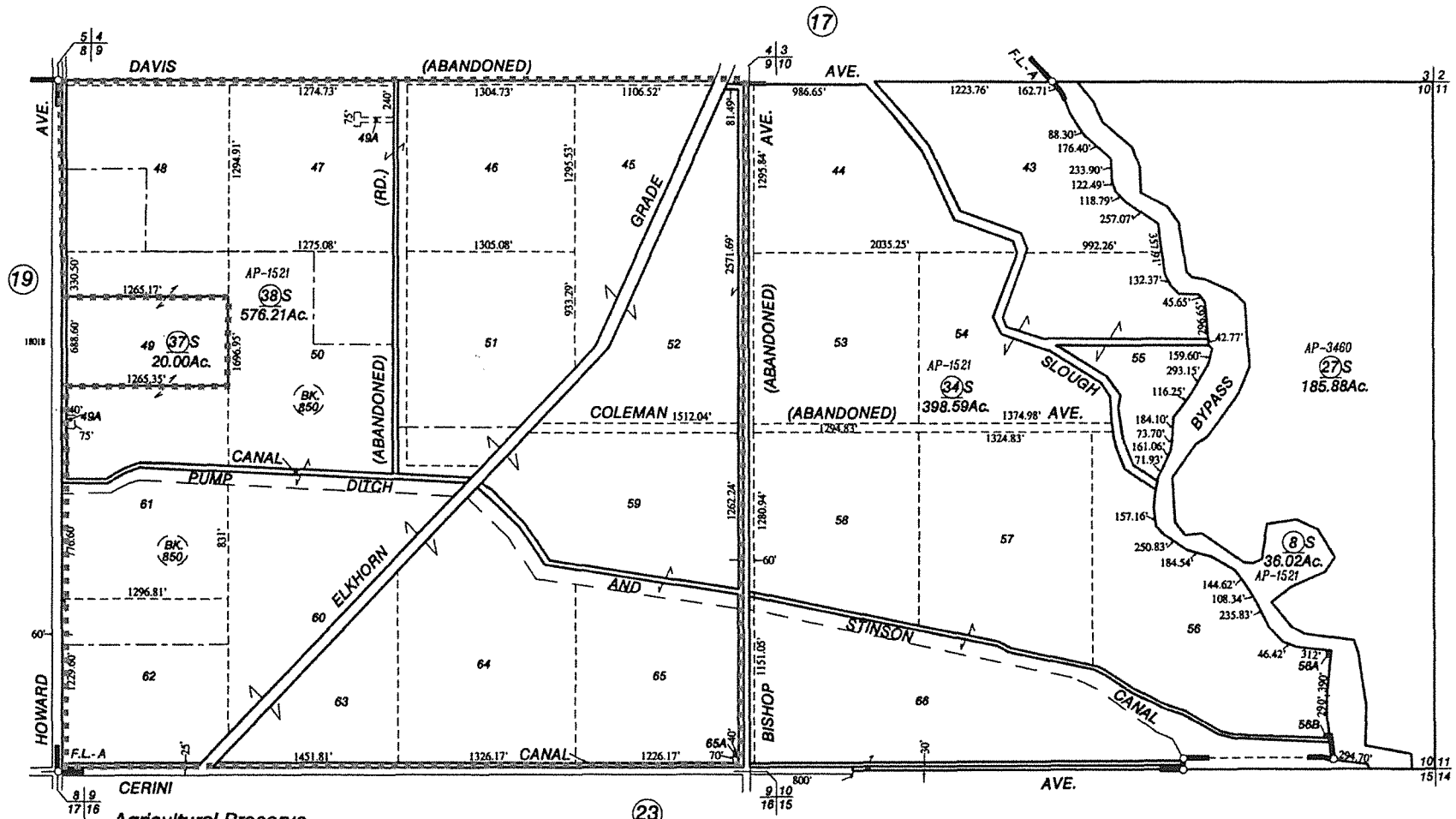
Agricultural Preserve  
Fitzwilliam Lands, Inc., Sub. "A", Plat Bk. 10, Pgs. 42-44

Assessor's Map Bk.050 - Pg. 17  
County of Fresno, Calif.

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



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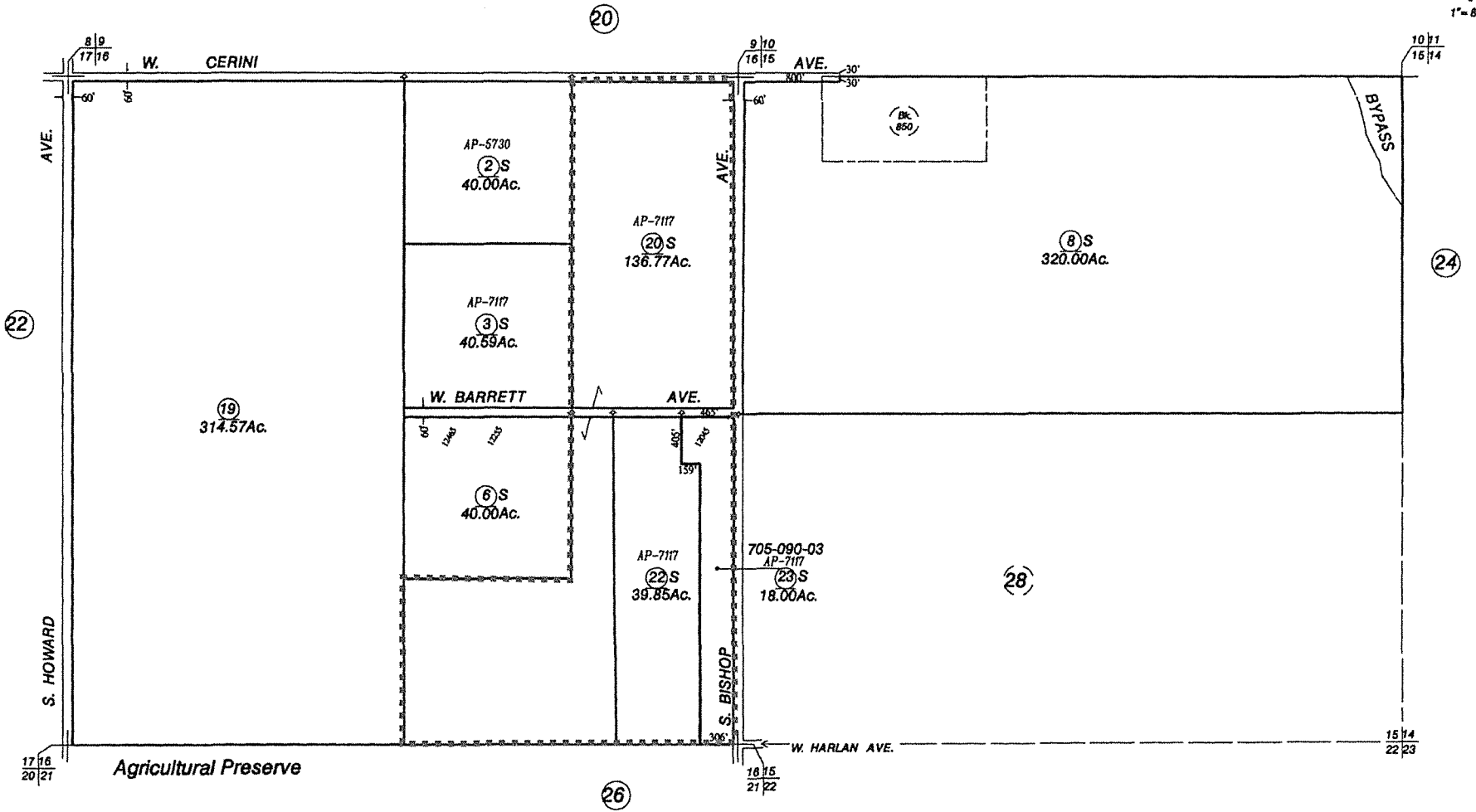


Agricultural Preserve  
Fitzwilliam Lands, Inc., Sub. A - Plat Bk. 10, Pgs. 42-44

Assessor's Map Bk.050 - Pg. 20  
County of Fresno, Calif.

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

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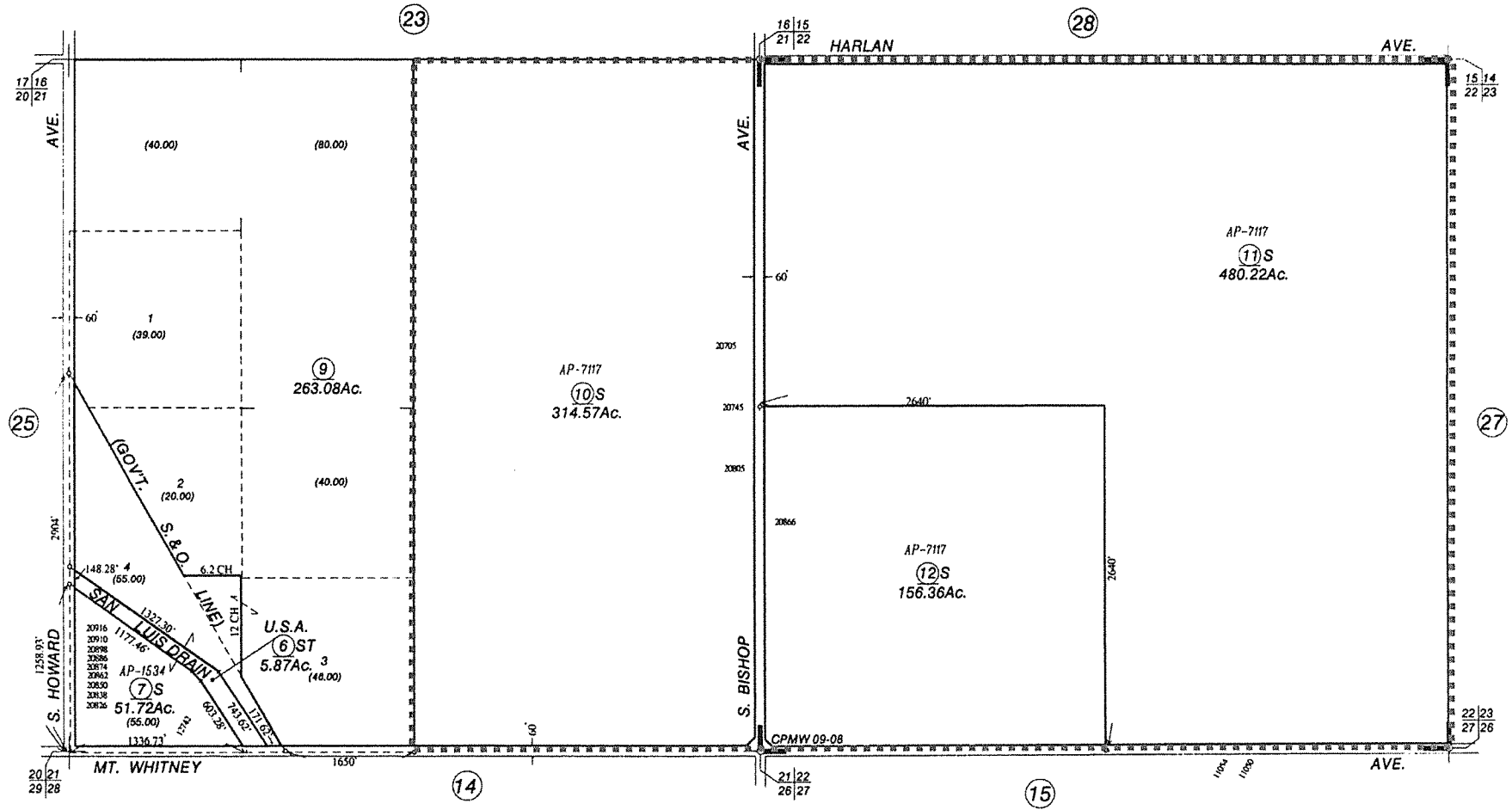


Assessor's Map Bk. 050 - Pg. 23  
County of Fresno, Calif.

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



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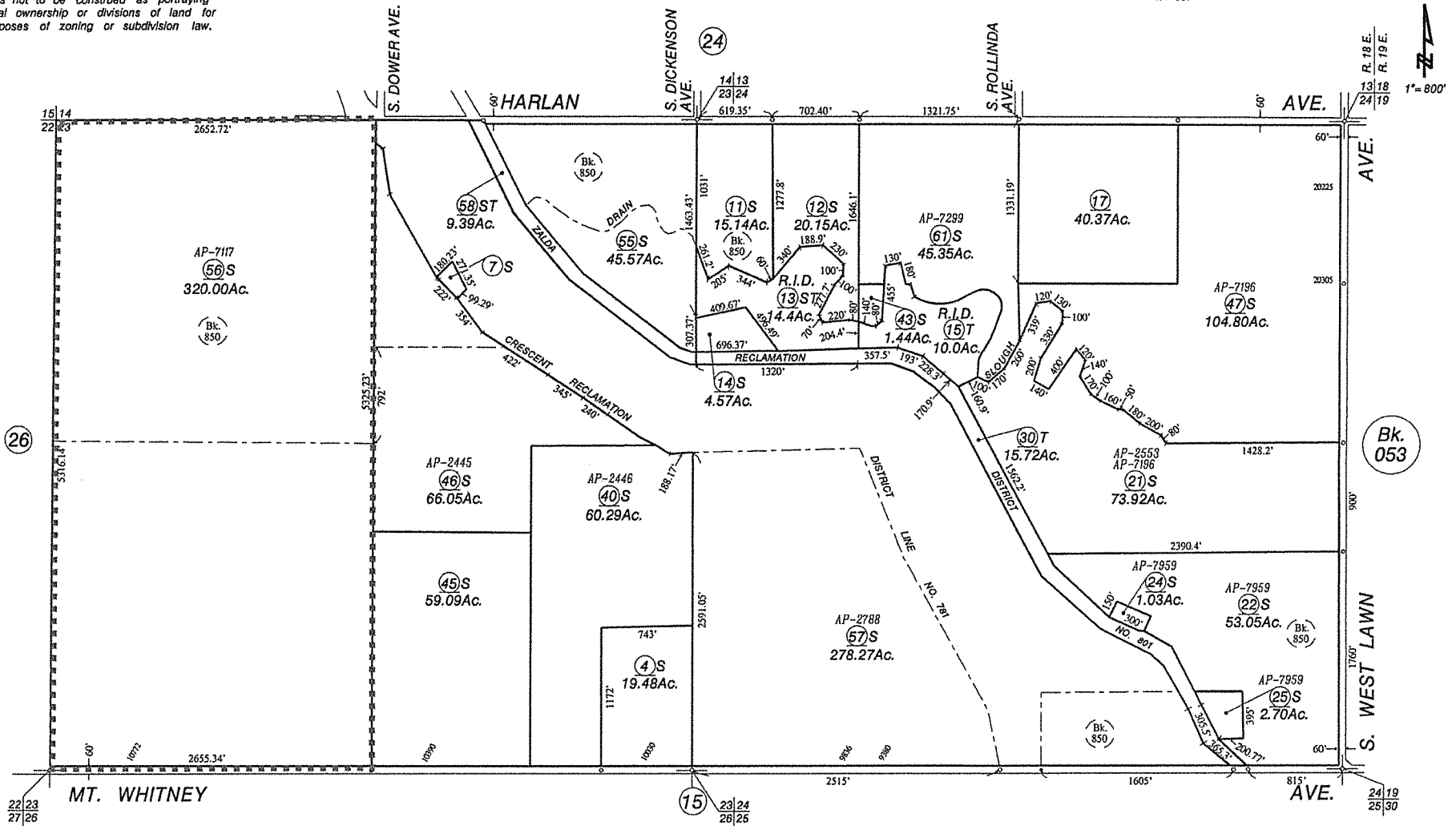
Agricultural Preserve  
Certificate of Parcel Map Waiver 09-08, Doc. 66029, 05/14/09

Assessor's Map Bk.050 - Pg. 26  
County of Fresno, Calif.

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



--- NOTE ---  
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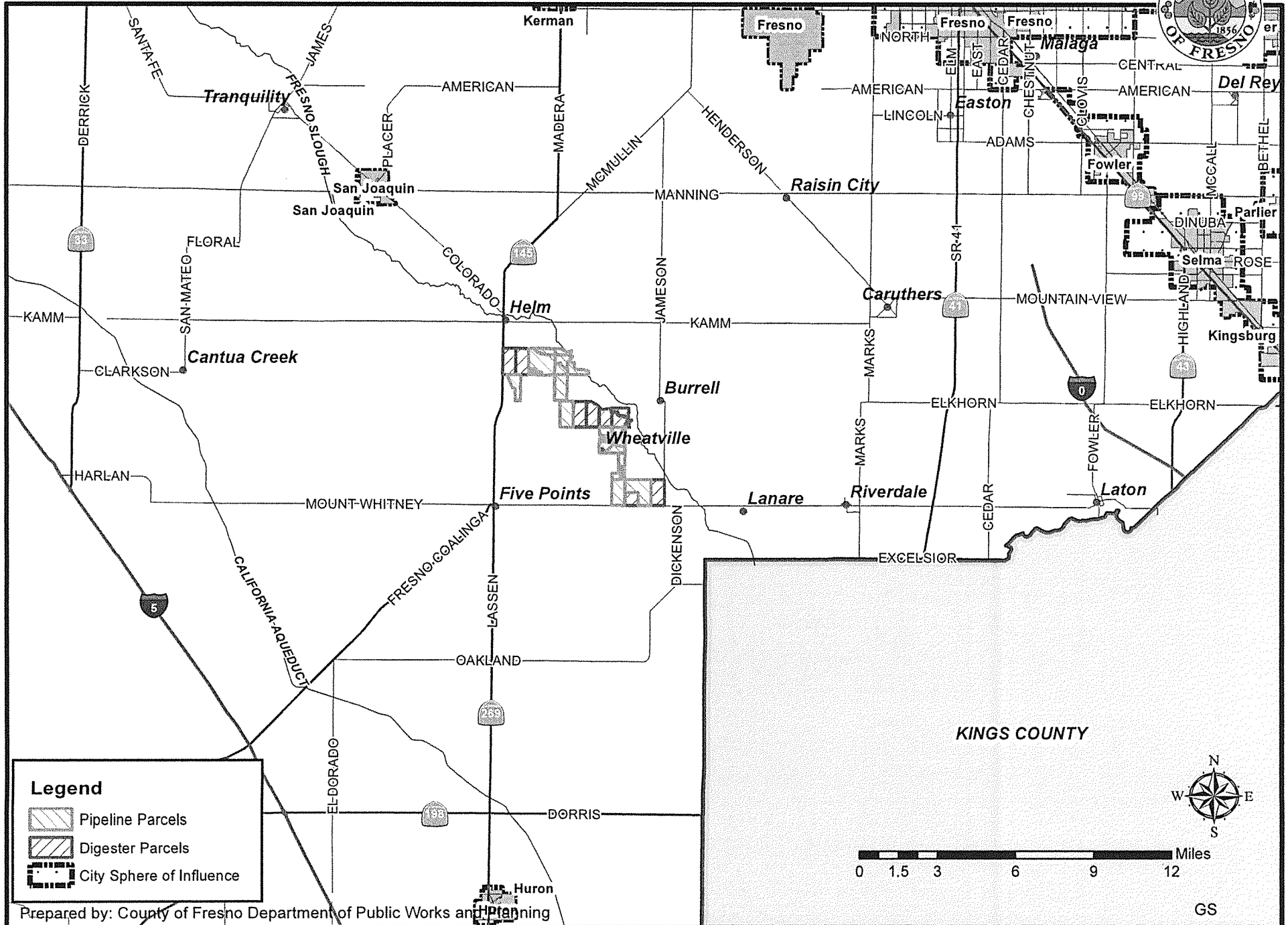
Agricultural Preserve

Assessor's Map Bk.050 - Pg. 27  
County of Fresno, Calif.

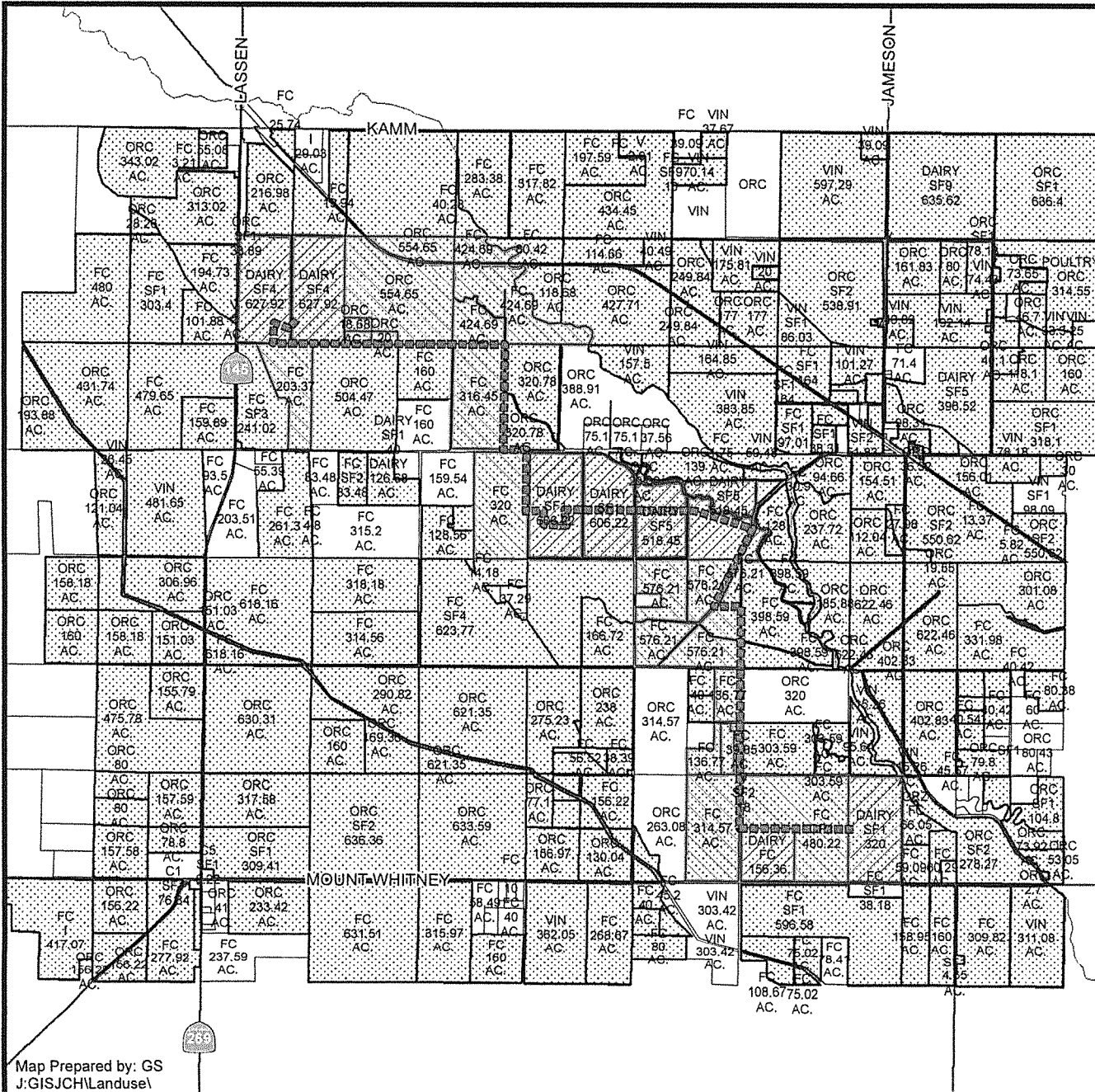
NOTE - Assessor's Block Numbers Shown in Ellipses.  
Assessor's Parcel Numbers Shown in Circles.

CUP 3642,43,44,45,46,47

# LOCATION MAP

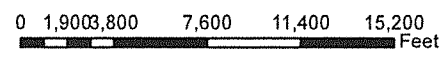
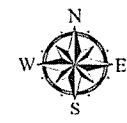


# EXISTING LAND USE MAP



LEGEND	
CP# -	OFFICE COMM./PROF
C -	COMMERCIAL
C# -	COMMERCIAL
DAIRY	
FC -	FIELD CROP
FEE -	FEED LOT
GRZ -	GRAZING
I -	INDUSTRIAL
ORC -	ORCHARD
SF# -	SINGLE FAMILY RESIDENCE
V -	VACANT
VIN -	VINEYARD

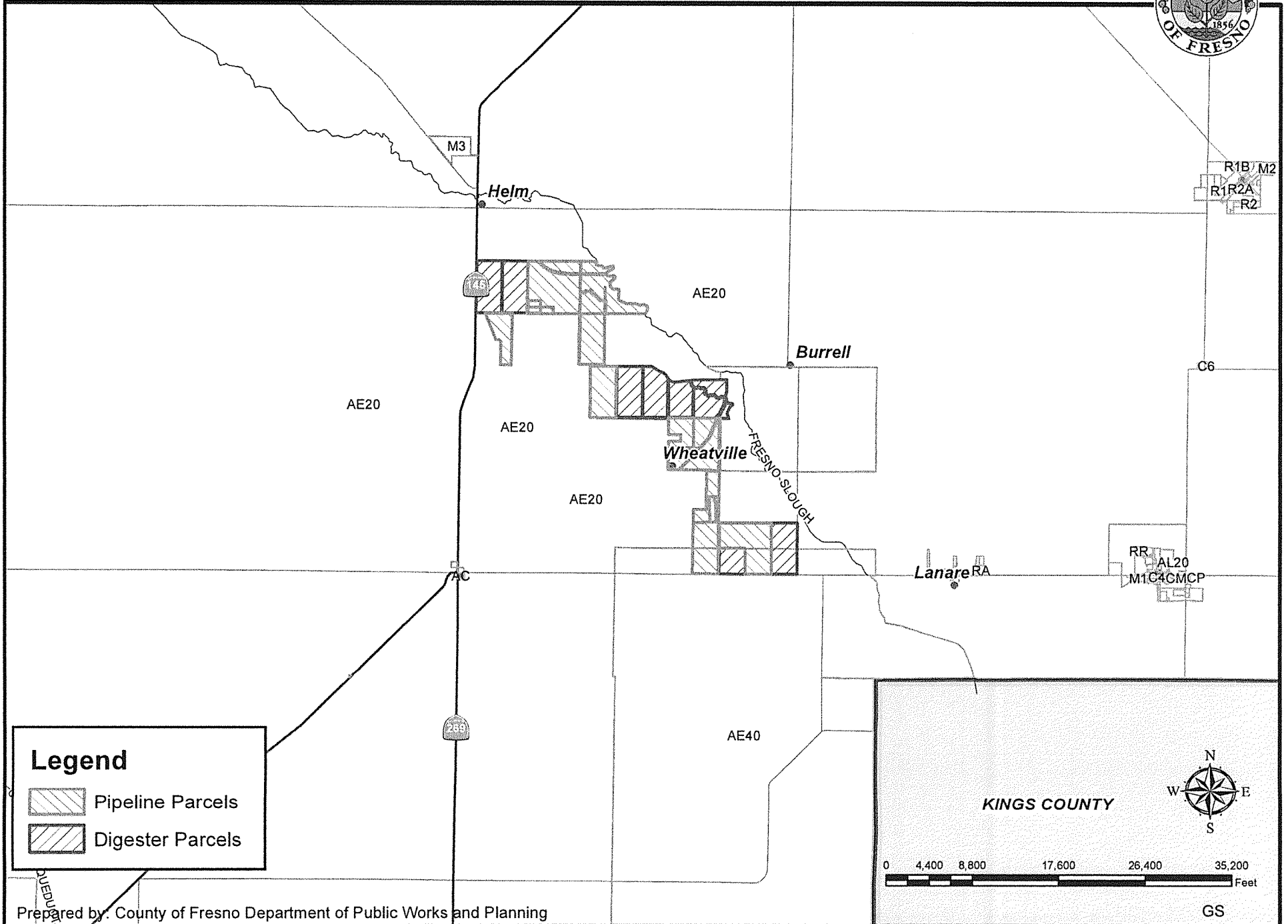
Legend	
	Proposed Pipeline
	Pipeline Parcels
	Digester Parcels
	Ag Contract Land

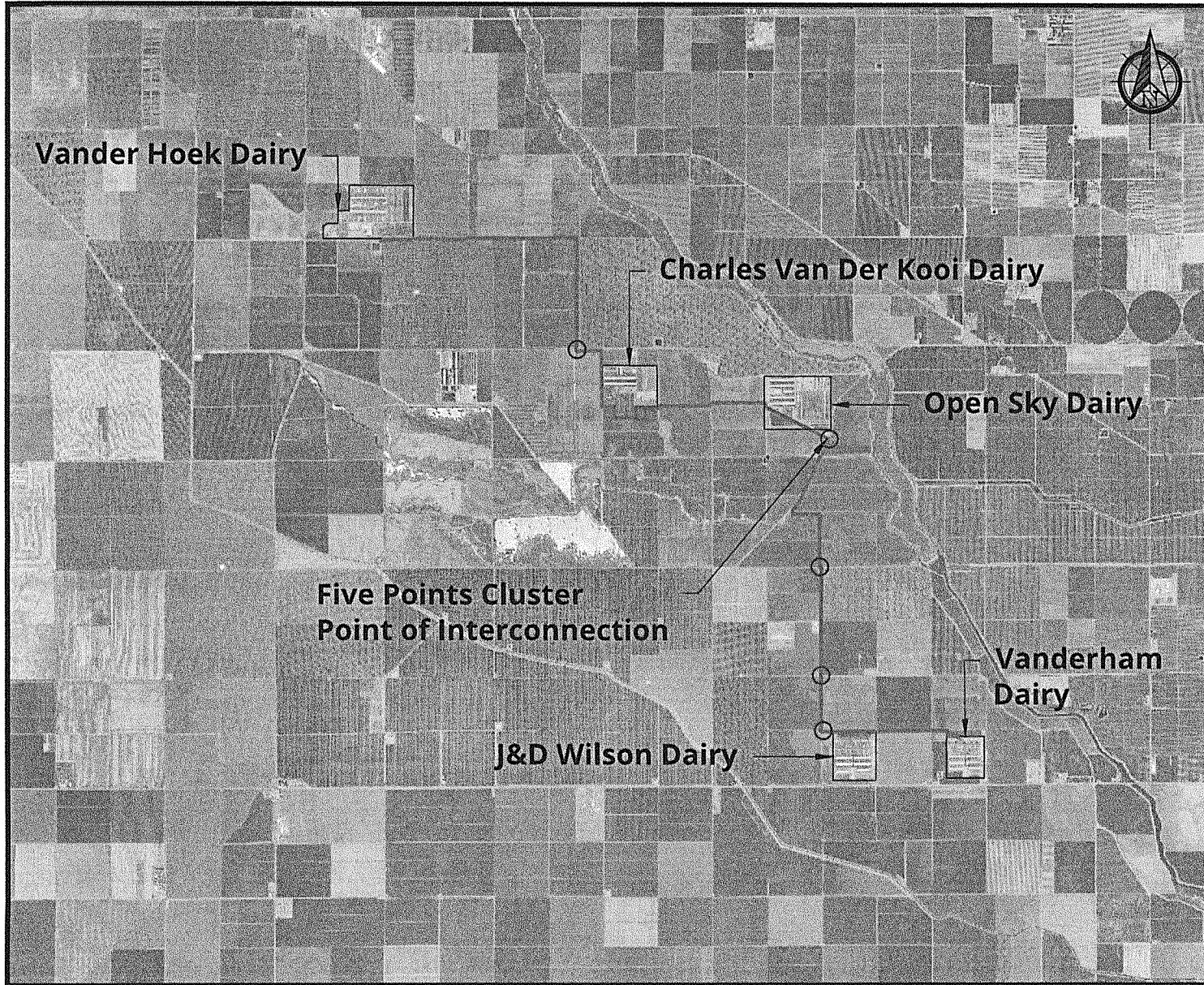


Map Prepared by: GS  
J.GISJCHLanduse\

Department of Public Works and Planning  
Development Services Division

# EXISTING ZONING MAP





**General Notes**

Confidential and Not for Construction

HDPE SDR 21, 6", 11 PSI

HDPE SDR 21, 4", 13 PSI

Right of Way Crossings



All pipes are in private easement with the exception of crossings shown.



Firm Address  
 3711 Meadow View Dr.  
 Suite 100  
 Redding, CA, 96002

Project Name and Address  
 Five Points Cluster  
 Pipeline Map  
 Fresno County, CA

Date	10/15/18	Version	2.2
Drawn By	HD, SG		