

Document Root (Read-Only)

Selected Document

**(New SCH Number) - MND - Initial Study No. 8380; Unclassified Conditional Use
Permit Application No. 3762**

Fresno County

Created - 3/4/2024 | Submitted - 3/4/2024

Ejaz Ahmad

Document Details**Lead Agency**

Fresno County

Document Type

Mitigated Negative Declaration

Document Status

Submitted

Title

Initial Study No. 8380; Unclassified Conditional Use Permit Application No. 3762

Present Land Use

Landfill Site and Farming

Document Description

Allow the construction and operation of a landfill gas conditioning system with two 1,980 kW power generators for treating raw landfill gas to a pipeline quality gas on an approximately 43,264 square-foot portion of a 39.55-acre Fresno County landfill site in the AE-20 (Exclusive Agricultural; 20-acre minimum parcel size) Zone District (APN: 020-052-9ST) (18950 W. American Avenue) allow connecting the system to the proposed 8-mile subsurface biomethane feeder pipeline to run through American Avenue road right-of-way (utility easement) via a franchise agreement and through State Route 145 (S. Madera Avenue) right-of-way and to terminate at a PG&E transmission pipeline interconnection Receipt Point metering facility to be constructed on an approximately 10,000 square feet portion of a 313.6-acre parcel (APN 030-070-25S) in the AE-20 (Exclusive Agricultural; 20-acre minimum parcel size) Zone District. The landfill site is located on the north side of American Avenue approximately 1,925 feet west of its intersection with Humboldt Avenue and 3.8 miles southwest of the City of Kerman. The Receipt Point facility site is located on the northwest corner of Manning Avenue and State Route 145 (S. Madera Avenue) approximately seven miles south of the City of Kerman (Sup. Dist. 1) (APNs: 020-052-9ST; 030-070-25S).

Attachments (Upload Project Documents)

CUP 3672 NOiwClkStmp (recorded).pdf

CUP 3762 IS Cklist.pdf

CUP 3762 IS wu.pdf

CUP 3762 MMRP (draft).pdf

CUP 3762 MND (proposed).pdf

CUP 3762 NOC (signed).pdf

CUP 3762 Routing Pkg.pdf

CUP 3762 Summary Form.pdf

Contacts

Planner - *Ejaz Ahmad*

2220 Tulare Street, Suite B, Below Street Level
Fresno, CA 93721
Phone : (559) 600-4204
eahmad@fresnocountyca.gov

Regions

Countywide

Counties

Fresno

Cities

Kerman

Location Details

Cross Streets

American Ave and Humboldt Ave; Manning Ave and State Route 145 (Madera Ave.)

Total Acres - 353.15 | **Parcel Number** - 020-052-9ST & 030-070-25S | **Township** - 14&15S | **Range** - 17E | **Section** - 33/24 | **Base** - Mt.Diab

Local Action Types

Use Permit

Development Types

Commercial (Sq. Ft. 53264, Acres 353.15, Employees 2)

Project Issues

Aesthetics | Air Quality | Biological Resources | Cultural Resources | Energy | Geology/Soils | Greenhouse Gas Emissions | Hazards & Hazardous Materials | Hydrology/Water Quality | Land Use/Planning | Mandatory Findings of Significance | Mineral Resources | Noise | Population/Housing | Public Services | Recreation | Transportation | Tribal Cultural Resources | Utilities/Service Systems | Wetland/Riparian | Wildfire

State Review Agencies (For State Review Period Only)

Is this document subject to California Code of Regulations (CCR) Section 15205 - Revi...

Yes

Is this document subject to California Code of Regulations (CCR) Section 15206 - Proj...

No

Air Resources Board | Caltrans, District 6 - Fresno/Bakersfield | Fish and Wildlife, Region 4 - Central, Fresno | Forestry and Fire Protection, Department of | Regional Water Quality Control Board, Region 5 - Fresno | SWRCB, Division of Drinking Water, District 23

State Review Period

State Review Started

3/4/2024

State Review Ended

4/3/2024

Local Review Period

Local Review Started

3/4/2024

Local Review Ended

4/3/2024

Signature

Title

Date

Summary Form for Electronic Document Submittal

Form F

Lead agencies may include 15 hardcopies of this document when submitting electronic copies of Environmental Impact Reports, Negative Declarations, Mitigated Negative Declarations, or Notices of Preparation to the State Clearinghouse (SCH). The SCH also accepts other summaries, such as EIR Executive Summaries prepared pursuant to CEQA Guidelines Section 15123. Please include one copy of the Notice of Completion Form (NOC) with your submission and attach the summary to each electronic copy of the document.

SCH #: _____

Project Title: Initial Study No. 8380; Unclassified Conditiona Application No. 3762

Lead Agency: County of Fresno

Contact Name: Ejaz Ahmad

Email: eahmad@fresnocountyca.gov Phone Number: (559) 600-4204

Project Location: Fresno Fresno
City *County*

Project Description (Proposed actions, location, and/or consequences).

Allow the construction and operation of a landfill gas conditioning system with two 1,980 kW power generators for treating raw landfill gas to a pipeline quality gas on an approximately 43,264 square-foot portion of a 39.55-acre Fresno County landfill site in the AE-20 (Exclusive Agricultural; 20-acre minimum parcel size) Zone District (APN: 020-052-9ST) (18950 W. American Avenue) allow connecting the system to the proposed 8-mile subsurface biomethane feeder pipeline to run through American Avenue road right-of-way (utility easement) via a franchise agreement and through State Route 145 (S. Madera Avenue) right-of-way and to terminate at a PG&E transmission pipeline interconnection Receipt Point metering facility to be constructed on an approximately 10,000 square feet portion of a 313.6-acre parcel (APN 030-070-25S) in the AE-20 (Exclusive Agricultural; 20-acre minimum parcel size) Zone District. The landfill site is located on the north side of American Avenue approximately 1,925 feet west of its intersection with Humboldt Avenue and 3.8 miles southwest of the City of Kerman. The Receipt Point facility site is located on the northwest corner of Manning Avenue and State Route 145 (S. Madera Avenue) approximately seven miles south of the City of Kerman (Sup. Dist. 1) (APNs: 020-052-9ST, 030-070-25S).

Identify the project's significant or potentially significant effects and briefly describe any proposed mitigation measures that would reduce or avoid that effect.

AESTHETICS, D. The proposed project may result in the creation of new sources of light and glare in the area. The proposed mitigation requiring all lighting to be hooded and directed away from adjacent properties and Public right-of-ways would result in a less than significant impact.

CULTURAL RESOURCES, A. B. C. The project may have an impact on cultural resources. The proposed mitigation measure requiring all work to be halted and an archeologist be called in to evaluate the findings and make any necessary mitigation recommendations, would result in a less than significant impact.

If applicable, describe any of the project's areas of controversy known to the Lead Agency, including issues raised by agencies and the public.

No Known Controversies

Provide a list of the responsible or trustee agencies for the project.

None other than the Lead Agency (Fresno County)

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 No. 8380 (Toro of California AA, LLC)

Lead Agency: County of Fresno Contact Person: Ejaz Ahmad
 Mailing Address: 2220 Tulare Street, Sixth Floor Phone: (559) 600-4204
 City: Fresno Zip: 93721 County: Fresno

Project Location: County: Fresno City/Nearest Community: Kerman
 Cross Streets: American Ave and Humboldt Ave; Manning Ave and State Route 145 (Madera Ave.) Zip Code: _____
 Longitude/Latitude (degrees, minutes and seconds): _____° _____' _____" N / _____° _____' _____" W Total Acres: 39.55 & 313.6
 Assessor's Parcel No.: 020-052-9ST & 030-070-25S Section: 33 & 24 Twp.: 14S&15S Range: 17E Base: Mt. Diablo
 Within 2 Miles: State Hwy #: _____ Waterways: _____
 Airports: - _____ Railways: - _____ Schools: _____

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: _____
 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 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 _____
 Commercial: Sq.ft. _____ Acres 39.55 & Employees _____ Mining: Mineral _____
 Industrial: Sq.ft. _____ Acres 313.6 Employees _____ Power: Type _____ MW
 Educational: _____ Waste Treatment: Type _____ MGD
 Recreational: _____ Hazardous Waste: Type _____
 Water Facilities: Type _____ MGD _____ Other: _____

Project Issues Discussed in Document:

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

Present Land Use/Zoning/General Plan Designation:

Landfill Site & Farming/AE-20 (Exclusive Agricultural) Zone District/Agriculture

Project Description: (please use a separate page if necessary)

Allow the construction and operation of a landfill gas conditioning system with two 1,980 kW power generators for treating raw landfill gas to a pipeline quality gas on an approximately 43,264 square-foot portion of a 39.55-acre Fresno County landfill site in the AE-20 (Exclusive Agricultural; 20-acre minimum parcel size) Zone District (APN: 020-052-9ST) (18950 W. American Avenue) allow connecting the system to the proposed 8-mile subsurface biomethane feeder pipeline to run through American Avenue road right-of-way (utility easement) via a franchise agreement and through State Route 145 (S. Madera Avenue) right-of-way and to terminate at a PG&E transmission pipeline interconnection cont'd on next page

Note: The State Clearinghouse will assign identification numbers for all new projects. If a SCH number already exists for a project (e.g. Notice of Preparation or previous draft document) please fill in.

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 checked="" 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 checked="" type="checkbox"/> California Highway Patrol | <input type="checkbox"/> Pesticide Regulation, Department of |
| <input type="checkbox"/> Caltrans District # _____ | <input type="checkbox"/> Public Utilities Commission |
| <input type="checkbox"/> Caltrans Division of Aeronautics | <input checked="" type="checkbox"/> Regional WQCB #5 _____ |
| <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 checked="" 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 #4 _____ | <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 checked="" type="checkbox"/> Water Resources, Department of |
| <input type="checkbox"/> General Services, Department of | <input type="checkbox"/> Other: US Fish & Wildlife |
| <input checked="" type="checkbox"/> Health Services, Department of | <input checked="" type="checkbox"/> Other: <u>San Joaquin Valley Air Pollution Control District</u> |
| <input type="checkbox"/> Housing & Community Development | |
| <input type="checkbox"/> Native American Heritage Commission | |

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

Starting Date March 1, 2024

Ending Date April 2, 2024

Lead Agency (Complete if applicable):

Consulting Firm: County of Fresno

Address: 2220 Tulare Street, 6th Floor

City/State/Zip: Fresno, CA 93721

Contact: Ejaz Ahmad, Project Planner

Phone: (550)600-4204

Applicant: Toro Energy of California AA, LLC

Address: 2151 Michelson Dr, Suite 164

City/State/Zip: Irvine, CA 92612

Phone: (949) 842-4827

Signature of Lead Agency Representative: _____



Date: 2-27-24

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

..... Cont'd from **Project Description**

..... Receipt Point metering facility to be constructed on an approximately 10,000 square feet portion of a 313.6-acre parcel (APN 030-070-25S) in the AE-20 (Exclusive Agricultural; 20-acre minimum parcel size) Zone District. The landfill site is located on the north side of American Avenue approximately 1,925 feet west of its intersection with Humboldt Avenue and 3.8 miles southwest of the City of Kerman. The Receipt Point facility site is located on the northwest corner of Manning Avenue and State Route 145 (S. Madera Avenue) approximately seven miles south of the City of Kerman (Sup. Dist. 1) (APNs: 020-052-9ST, 030-070-25S).



E202410000060

County of Fresno

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

FILED
FEB 27 2024 TIME
2:11pm
By Cyan Edmisten
FRESNO COUNTY CLERK
DEPUTY

For County Clerk's Stamp

NOTICE OF INTENT TO ADOPT A MITIGATED NEGATIVE DECLARATION

Notice is hereby given that the County of Fresno has prepared Initial Study Application (IS) No. 8380 pursuant to the requirements of the California Environmental Quality Act for the following proposed project:

INITIAL STUDY NO. 8380 for UNCLASSIFIED CONDITIONAL USE PERMIT

APPLICATION NO. 3762 filed by **TORO OF CALIFORNIA AA, LLC**, proposing to allow the construction and operation of a landfill gas conditioning system with two 1,980 kW power generators for treating raw landfill gas to a pipeline quality gas on an approximately 43,264 square-foot portion of a 39.55-acre Fresno County landfill site in the AE-20 (Exclusive Agricultural; 20-acre minimum parcel size) Zone District (APN: 020-052-9ST) (18950 W. American Avenue) allow connecting the system to the proposed 8-mile subsurface biomethane feeder pipeline to run through American Avenue road right-of-way (utility easement) via a franchise agreement and through State Route 145 (S. Madera Avenue) right-of-way and to terminate at a PG&E transmission pipeline interconnection Receipt Point metering facility to be constructed on an approximately 10,000 square feet portion of a 313.6-acre parcel (APN 030-070-25S) in the AE-20 (Exclusive Agricultural; 20-acre minimum parcel size) Zone District. The landfill site is located on the north side of American Avenue approximately 1,925 feet west of its intersection with Humboldt Avenue and 3.8 miles southwest of the City of Kerman. The Receipt Point facility site is located on the northwest corner of Manning Avenue and State Route 145 (S. Madera Avenue) approximately seven miles south of the City of Kerman (Sup. Dist. 1) (APNs: 020-052-9ST, 030-070-25S).

(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. 8380 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 March 1, 2024 through April 2, 2024.

Email written comments to eahmad@fresnocountyca.gov, or mail comments to:

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

IS No.8380 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). An electronic copy of the draft Mitigated Negative Declaration for the Proposed Project may be obtained from Ejaz Ahmad at the addresses above.

PROGRAM ACCESSIBILITY AND ACCOMMODATIONS: The Americans with Disabilities Act (ADA) Title II covers the programs, services, activities, and facilities owned or operated by state and local governments like the County of Fresno ("County"). Further, the County promotes equality of opportunity and full participation by all persons, including persons with disabilities. Towards this end, the County works to ensure that it provides meaningful access to people with disabilities to every program, service, benefit, and activity, when viewed in its entirety. Similarly, the County also works to ensure that its operated or owned facilities that are open to the public provide meaningful access to people with disabilities.

To help ensure this meaningful access, the County will reasonably modify policies/ procedures and provide auxiliary aids/services to persons with disabilities. If, as an attendee or participant at the meeting, you need additional accommodations such as an American Sign Language (ASL) interpreter, an assistive listening device, large print material, electronic materials, Braille materials, or taped materials, please contact the Current Planning staff as soon as possible during office hours at (559) 600-4230 or at jpotthast@fresnocountyca.gov. Reasonable requests made at least 48 hours in advance of the meeting will help to ensure accessibility to this meeting. Later requests will be accommodated to the extent reasonably feasible.


Public Hearing

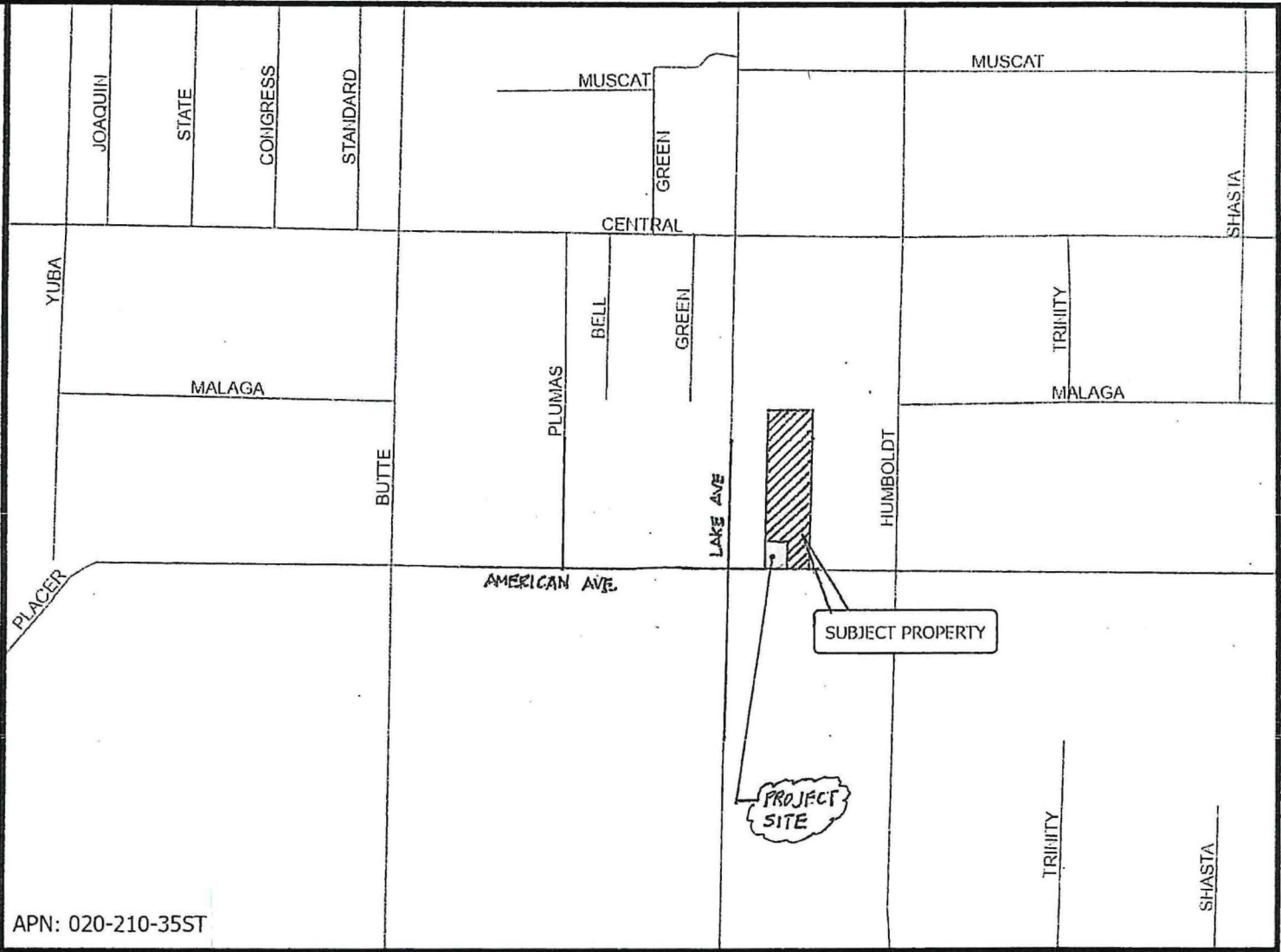
The Planning Commission will hold a public hearing to consider approving the Proposed Project and the Mitigated Negative Declaration on April 11, 2024, at 8:45 a.m., or as soon thereafter as possible, in Room 301, Hall of Records, 2281 Tulare Street, Fresno, California 93721. Interested persons are invited to appear at the hearing and comment on the Proposed Project and draft Mitigated Negative Declaration.

For questions, please call Ejaz Ahmad at (559) 600-4204.

Published: March 1, 2024

Legend

 Subject Property



APN: 020-210-355T

VICINITY MAP

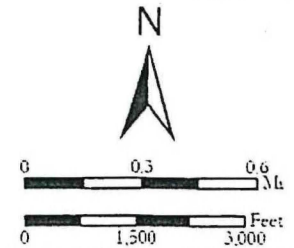


LOCATION MAP

CUP3762

2023

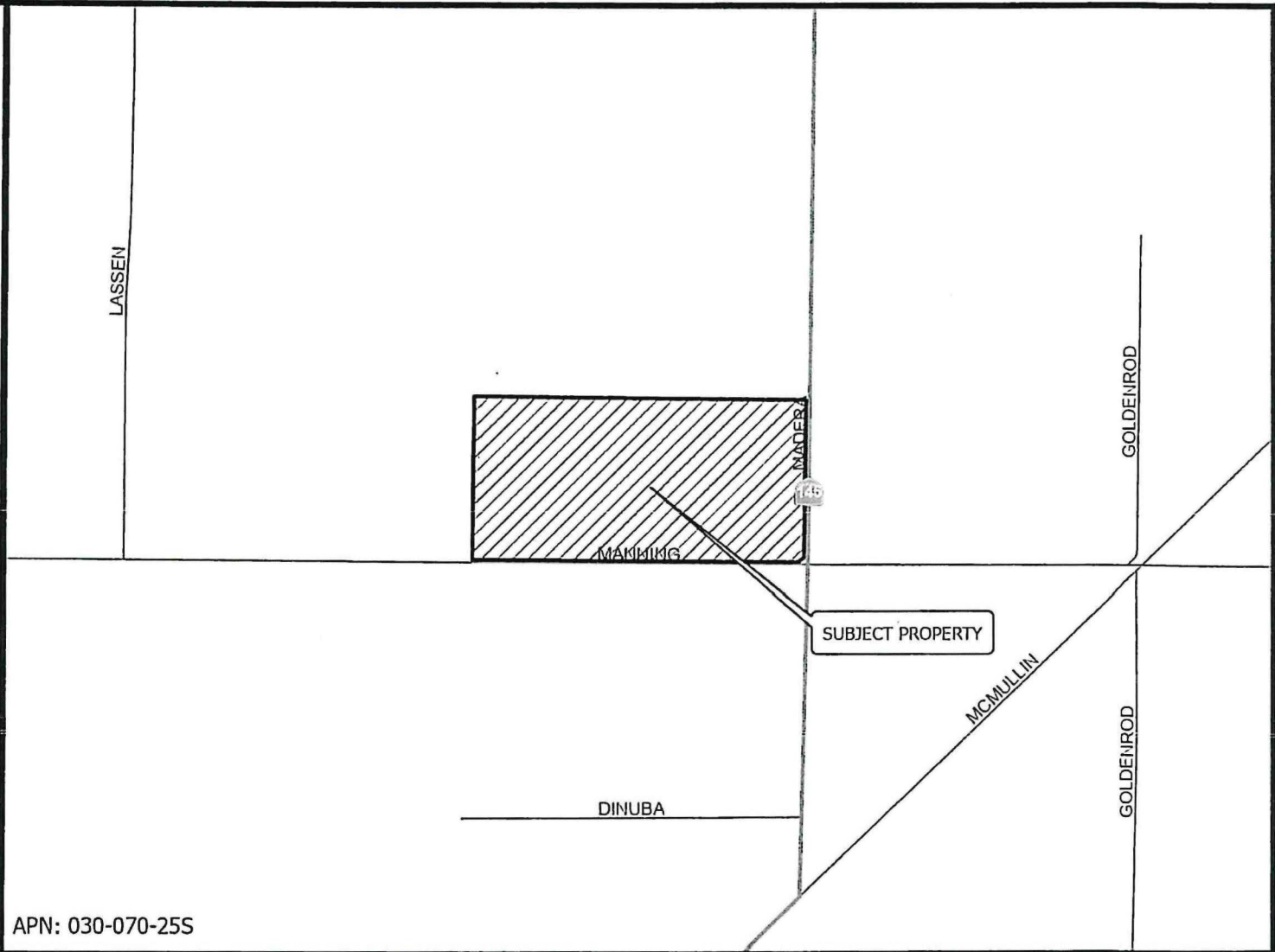
Prepared by : County of Fresno, Department of Public Works and Planning, Development Services Division
 Person Prepared by : chuang
 On Date : 4/21/2023



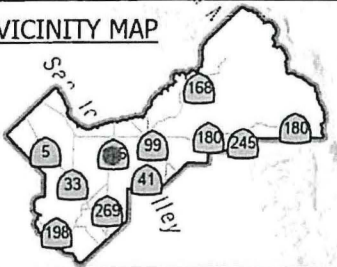
E202410000060

Legend

 Subject Property



VICINITY MAP

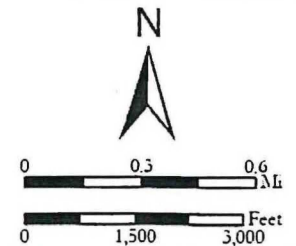


LOCATION MAP

CUP3762

2023

Prepared by : County of Fresno, Department of Public Works and Planning, Development Services Division
 Person Prepared by : chuang
 On Date : 4/21/2023



E202410000060



County of Fresno

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

INITIAL STUDY ENVIRONMENTAL CHECKLIST FORM

- 1. Project title:**
Initial Study No. 8380, Unclassified Conditional Use Permit Application No. 3762
- 2. Lead agency name and address:**
Fresno County Department of Public Works and Planning
Development Services and Capital Projects Division
2220 Tulare Street, 6th Floor
Fresno, CA 93721-2104
- 3. Contact person and phone number:**
Ejaz Ahmad, Planner, (559) 600-4204
- 4. Project location:**
The landfill site is located on the north side of American Avenue approximately 1,925 feet west of its intersection with Humboldt Avenue and 3.8 miles southwest of the City of Kerman. The Receipt Point facility site is located on the northwest corner of Manning Avenue and State Route 145 (S. Madera Avenue) approximately seven miles south of the City of Kerman (Sup. Dist. 1) (APNs: 020-052-9ST, 030-070-25S).
- 5. Project sponsor's name and address:**
Toro of California AA, LLC
2151 Michelson Drive, Suite 164
Irvine, CA 92612
- 6. General Plan designation:**
Agriculture
- 7. Zoning:**
AE-20 (Exclusive Agricultural, 20-acre minimum parcel size)
- 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 the construction and operation of a landfill gas conditioning system with two 1,980 kW power generators for treating raw landfill gas to a pipeline quality gas on an approximately 43,264 square-foot portion of a 39.55-acre Fresno County landfill site in the AE-20 (Exclusive Agricultural; 20-acre minimum parcel size) Zone District (APN: 020-052-9ST) (18950 W. American Avenue) and allow connecting the system to the proposed 8-mile subsurface biomethane feeder pipeline to run through American Avenue road right-of-way (utility easement) via a franchise agreement and through State Route 145 (S. Madera Avenue) right-of-way and to terminate at a PG&E transmission pipeline interconnection Receipt Point metering facility to be constructed on an approximately 10,000 square feet portion of a 313.6-acre parcel (APN: 030-070-25S) in the AE-20 (Exclusive Agricultural; 20-acre minimum parcel size) Zone District.
- 9. Surrounding land uses and setting: Briefly describe the project's surroundings:**
The surrounding land uses are active and non-active farmland with sparse single-family homes.

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

None.

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.?

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.

The project sites are not designated as highly or moderately sensitive for archeological resources. Pursuant to Assembly Bill (AB) 52, the project was routed to the Santa Rosa Rancheria Tachi Yokut Tribe, Picayune Rancheria of the Chukchansi Indians, Dumna Wo Wah Tribal Government, and Table Mountain Rancheria offering them an opportunity to consult under Public Resources Code (PRC) Section 21080.3(b) with a 30-day window to formally respond to the County letter. No tribe requested consultation, resulting in no further action on the part of the County. However, in the unlikely event, that cultural resources are identified on the property, the Mitigation Measure included in the CULTURAL ANALYSIS section of this report will reduce the impact to less than significant.

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:

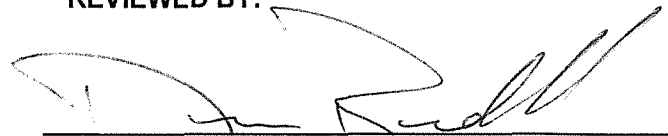
- I find that the proposed project **COULD NOT** have a significant effect on the environment. **A NEGATIVE DECLARATION WILL BE PREPARED.**
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the Mitigation 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:



Ejaz Ahmad, Planner

REVIEWED BY:



David Randall, Senior Planner

Date: 2-27-2024

Date: 2-27-24

**INITIAL STUDY
ENVIRONMENTAL CHECKLIST FORM
(Initial Study No. 8380
Unclassified Conditional Use Permit Application No.
3762)**

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?
- 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 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:

- 1 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?
- 1 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:

- 1 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?
- 1 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?
- 1 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?
- 1 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?
 - 1 iv) Landslides?
- 2 b) Result in substantial soil erosion or loss of topsoil?
- 1 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?
- 1 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?
- 2 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?
- 1 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?
- 2 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?
- 1 b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?
- 2 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?
 - 2 i) Result in substantial erosion or siltation on or off site;
 - 2 ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or off site;
 - 2 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
 - 2 iv) Impede or redirect flood flows?
- 1 d) In flood hazard, tsunami, or seiche zones, risk release of
- 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?
- 2 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:

- 1 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?
- 1 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?

5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.)

XV. PUBLIC SERVICES

Would the project:

- 2 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:
- 2 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:

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

XVIII. TRIBAL CULTURAL RESOURCES

Would the project:

- 2 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:
- 2 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
- 2 ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? In applying the criteria set forth in subdivision (c) of Public Resource Code Section

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?
- 1 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:

- 2 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.)
- 1 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
Air Quality, Climate and Health Risk Assessment by Montrose Environmental, dated December 2023

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County of Fresno

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

EVALUATION OF ENVIRONMENTAL IMPACTS

- APPLICANT:** Toro of California AA, LLC
- APPLICATION NOS.:** Unclassified Conditional Use Permit Application No. 3762;
Initial Study Application No. 8380
- DESCRIPTION:** Allow the construction and operation of a landfill gas conditioning system with two 1,980 kW power generators for treating raw landfill gas to a pipeline quality gas on an approximately 43,264 square-foot portion of a 39.55-acre Fresno County landfill site in the AE-20 (Exclusive Agricultural; 20-acre minimum parcel size) Zone District (APN: 020-052-9ST) (18950 W. American Avenue) allow connecting the system to the proposed 8-mile subsurface biomethane feeder pipeline to run through American Avenue road right-of-way (utility easement) via a franchise agreement and through State Route 145 (S. Madera Avenue) right-of-way and to terminate at a PG&E transmission pipeline interconnection Receipt Point metering facility to be constructed on an approximately 10,000 square feet portion of a 313.6-acre parcel (APN 030-070-25S) in the AE-20 (Exclusive Agricultural; 20-acre minimum parcel size) Zone District.
- LOCATION:** The landfill site is located on the north side of American Avenue approximately 1,925 feet west of its intersection with Humboldt Avenue and 3.8 miles southwest of the City of Kerman. The Receipt Point facility site is located on the northwest corner of Manning Avenue and State Route 145 (S. Madera Avenue) approximately seven miles south of the City of Kerman (Sup. Dist. 1) (APNs: 020-052-9ST, 030-070-25S).

I. AESTHETICS

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

- A. Have a substantial adverse effect on a scenic vista; or
- B. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

FINDING: NO IMPACT:

The proposed landfill gas conditioning system will occupy one-acre of a 39.5-acre parcel within Fresno County landfill site. The subject parcel borders with American Avenue which is not designated as a scenic drive/highway in the County General Plan. Likewise, the proposed PG&E interconnection Receipt Point metering facility will occupy on an approximately 10,000 square feet portion of a 313.6-acre parcel currently planted in fruit orchard. The parcel border with Madera Avenue (SR 145) and Manning Avenue which are not designated as scenic drives/highways in the County General Plan. There are no scenic vistas or scenic resources, including trees, rock outcroppings, or historic buildings on or near the project sites that will be impacted by the subject proposal. The project will have no impact on scenic resources.

- 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; or

FINDING: LESS THAN SIGNIFICANT IMPACT:

The one-acre project site will be developed with landfill gas conditioning system (“LFGCS”) which includes landfill gas processing equipment, engines, a pipeline, and power lines. The onsite construction activities will consist of installing electrical generating units (engines), landfill gas treatment system and other gas processing equipment.

These low-height (below 35 feet) equipment/structures would match in height and appearance with similar structures on landfill site and would not necessarily degrade the existing visual character or quality of the site from surrounding area comprised of fallow and cultivated land.

The PG&E interconnection site will also be developed with similar equipment/structures. There are no SFR in the immediate vicinity of the area. Development of this facility would not visually impact the surrounding area. The impact would be less than significant.

- 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 project will install pole lighting compatible with lighting in the area. Although glare should not be an issue when considering the distance and scarcity of local sensitive receptors, a standard mitigation measure would require that all lighting be hooded and directed as to not shine towards adjacent property and public streets.

* **Mitigation Measure:**

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; or

FINDING: NO IMPACT:

The subject parcel is not Prime Farmland, Unique Farmland, or Farmland of Statewide Importance.

The 39.55-acre gas conditioning system site is designated as Urban Built-Up-Land on 2016 Department of Conservation Important Farmlands Map and the 313.6-acre PG&E interconnection Receipt Point facility site is designated as a Farmland of Local Importance on 2016 Department of Conservation Important Farmlands Map. The project will have no impact on prime farmland.

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

FINDING: LESS THAN SIGNIFICANT IMPACT:

The project is allowed as a permitted use on agricultural land with discretionary land use approval and therefore is consistent with the existing zoning on the parcels. Both parcels subject to this proposal are currently zoned AE-20 (Exclusive Agricultural, 20-acre minimum parcel size).

The project landfill site is not in a Williamson Act Contract, but the PG&E interconnection Receipt Point Facility site is. The project applicant has filed a non-renewal application for the portion of the site to be developed with the PG&E facility which currently is in process.

The project was routed to the Fresno County Agricultural Commissioner's Office for comments. The agency did not provide any comments on the project.

- 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 sites are not forest land, timberland or land zoned for Timberland Production. No forests occur in the vicinity of the sites and therefore no impacts to forests, conversion of forestland, or timberland zoning would occur from the project.

- 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 forestland to non-forest use?

FINDING: NO IMPACT:

The project landfill site is currently zoned for agriculture but its current and historical use has been a solid waste disposal site. No change to that status would occur from the subject proposal.

The PG&E Receipt Point facility site is currently zoned for agriculture and is planted in orchard. The proposal facility is compatible with the current zoning. Utilization of a 0.2-acre (10,000 square feet) portion of the site with the proposed development would not bring any significant changes to the existing area environment.

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:

The Applicant provided an *Air Quality, Climate and Health Risk (AQCHR) Assessment*, completed for the project by *Montrose Environmental*, dated *December 2023* and was provided to the San Joaquin Valley Air Pollution Control District (SJVAPCD) for comments. The District expressed no concerns with the AQCHR assessment.

The construction and operation of the project would contribute the following criteria pollutant emissions: NO_x (nitrogen dioxide), VOC (volatile organic compound), PM₁₀, (particulate matters) PM_{2.5} (particulate matters), SO_x (sulfur dioxide), and CO (carbon mono-oxide).

As discussed in Section III, B. below, emissions of NO_x, VOC, PM₁₀, PM_{2.5}, SO_x, and CO associated with the construction and operation of the project would not exceed the

District's significance thresholds. Furthermore, as described in Section III below, the project will not result in the violation of Air District's significance threshold for Health Risk Assessment.

As per San Joaquin Valley Air Pollution Control District, the project may be subject to the following District Rules: District Rule 2010 (Permits Required) and Rule 2201 (New and Modified Stationary Source Review) requiring the project proponent to submit an Authority to Construct (ATC) to the District; District Rule 9510 - Indirect Source Review (ISR) requiring the developer to mitigate NO_x and PM emissions by incorporating clean air design elements into their projects; and submitting an Air Impact Assessment (AIA) application. With the compliance of these applicable Rules, the air quality impact resulting from the project construction and operation would be less than significant. The project would not conflict or obstruct implementation of the air quality plan.

- 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:

According to the AQCHR Assessment, the project would build a landfill gas treatment system equipped with a 90 MMBTU per hour flare, a 15 MMBTU flare and two identical engines to treat raw landfill gas so that it can be used as pipeline quality gas. The system would connect to Pacific Gas and Electricity's (PG&E) nearby pipeline. One of the flares is a 15 MMBTU per hour unit that will be utilized to combust tail gas from the system. Alternatively, the tail gas flare may be replaced with a biofilter gas treatment system. The other proposed flare is rated at 90 MMBTU per hour. It will be utilized intermittently to combust the treated landfill gas during process upsets or other circumstances where the gas cannot be injected to the pipeline. The two identical natural gas fired engines will be utilized for power generation for the landfill gas treatment facility.

The project will utilize either Option 1 (Tail Gas Flare) to combust waste gas from the membranes and nitrogen PSA and utilized natural gas as supplement gas to maintain the combustion process at this flare or Option 2 (Tail gas Biofilter System) as an alternative to Option 1 to reduce emissions from the unusable processed waste gas.

The primary pollutants of concern during project construction and operation are NO_x (nitrogen dioxide), VOC (volatile organic compound), PM₁₀, (particulate matters) PM_{2.5} (particulate matters), SO_x (sulfur dioxide), and CO (carbon mono-oxide). The SJVAPCD's annual emission significance thresholds used for the project are: 10 tons per year NO_x, 10 tons per year VOC, 15 tons per year PM₁₀, 15 tons per year PM_{2.5}, 27 tons per year SO_x, and 100 tons per year CO.

Per the AQCHR Assessment, the construction air pollutant emissions (ton per year) associated with the project would be 0.51 for NO_x, 0.06 for VOC, 0.11 for PM₁₀, 0.05 for PM_{2.5}, 0.005 for SO_x, and 0.50 for CO which are less than the threshold of significance.

Likewise, for Option 1, the operational air pollutant emission over the life of the project would be 6.7 for NO_x, 4.82 for VOC, -0.55 for PM₁₀, -0.55 for PM_{2.5}, -1.24 for SO_x, and 29.92 for CO. For Option 2, the operational air pollutant emission over the life of the project would be -8.3 for NO_x, 4.33 for VOC, -1.30 for PM₁₀, -1.30 for PM_{2.5}, -1.67 for SO_x, and 9.60 for CO. These emissions also are less than the threshold of significance.

Based on the above discussion, the total project operation emissions would not exceed the significant criteria for annual NO_x, VOC, PM₁₀, PM_{2.5}, SO_x or CO emissions. The project would have a less than significant effect on regional air quality.

C. Expose sensitive receptors to substantial pollutant concentrations?

FINDING: LESS THAN SIGNIFICANT IMPACT:

Sensitive receptors are defined as people that have an increased sensitivity to air pollution or environmental contaminants. Sensitive receptor locations include schools, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential dwelling units.

According to the *Air Quality, Climate, and Health Risk (AQCHR) Assessment*, Toxic Air Contaminants (TAC) emissions associated with the project will consist primarily of combustion byproducts produced by the engines, flares, and the oxidation of substances in the biofilter. Two control equipment options were evaluated. Option one includes the emissions from two engines and two flares. Option two includes the two engines, the 90 MMBTU per hour flare and a biofilter instead of the tail gas 15 MMBTU per hour flare.

A Tier IV Health Risk Assessment (HRA) was performed to quantify and assess whether TAC emissions from the project will have the potential to cause significant public health impacts in the surrounding area by using the air dispersion model (Lakes Environmental AERMODView) and the ARB Hotspots Analysis Reporting Program Version 2 (HARP2). While most of the residences are located to the northwest of the project, the nearest sensitive receptor (single-family residence) is located approximately 2,000 feet to the north of the proposed engines and flares. Worker receptors (people that work at the landfill facility) are located 650 feet from the new engines. The cancer, chronic, and acute risks were included in the analysis.

In evaluating operational health risk, HRA results for Option 1 indicates that 70-year residential cancer risk is 0.6 per million, 30-year residential cancer risk is 0.7 per million, and 25-year worker cancer risk is 0.08 per million. Similarly, for Option 2, the 70-year residential cancer risk is 1.8 per million, 30-year residential cancer risk is 0.7 per million, and 25-year worker cancer risk is 0.07 per million. The risk factors involved in both Options are below the SJVAPCD's health risk thresholds of 20 per million.

Toxic air contaminants (TAC) emissions associated with 3.5 months of construction period consist primarily of combustion byproducts from off-road equipment and vehicles trips. To determine whether the emissions from construction are significant enough to

prepare a detailed Health risk Assessment (HRA), the prioritization score formulas for cancer, chronic, and acute impacts used for the AB 2588 (Air Toxic Hot Spots Information and Assessment Act) program were applied. The results indicate the following: Residential Cancer Score 0.042, Residential Chronic Score 0.0165, Worker Cancer Score 0.0036, and Worker Chronic Score 1.15. As these scores are less than one (1) impacts from construction emissions would be less than significant, and a detailed HRA was not required for the project.

- D. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

FINDING: LESS THAN SIGNIFICANT IMPACT:

Odor impacts on residential areas and other sensitive receptors, such as hospitals, day-care centers, and schools. As noted above, the closest sensitive receptors are approximately 2,000 feet from the proposed engines and flare site. No sensitive receptors are located near the proposed PG&E interconnection Receipt Point facility.

Although odors are associated with landfill gas (LFG), the existing collection system at the site will operate to prevent LFG escape into the atmosphere during construction or after the facility is operational. Additionally, the project does not result in an increase in LFG or operation of the landfill.

During construction, the existing flares will burn the LFG to negate any odors from the LFG. There may be minor odors associated with the use or refuel of the diesel and gasoline powered equipment. These minor odors due to construction are expected to disperse substantially before reaching the residential and sensitive receptors that are located over 2,000 feet from the facility. No significant impacts are expected from the odors associated with construction activity.

Once the Project is operational, most of the LFG will be cleaned and added to PG&E pipeline system. The proposed equipment is not expected to create any significant odor and potential impacts would be less than significant.

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: NO IMPACT:

The project was routed to the U.S. Fish and Wildlife Service (USFWS) and the California Department of Fish and Wildlife (CDFW) for comments. The USFWS did not provide any comments. However, the comments provided by CDFW on June 1, 2023, indicated that there are special-status species the State threatened Swainson's hawk, burrowing owl, American Badger and Nesting birds in the area that may utilize the project site and may need to be evaluated and addressed through site survey conducted as biological technical studies prior to any ground-disturbing activities. Staff disagree with CDFW comments requiring that biological technical studies shall be prepared for the project. The project landfill site is heavily disturbed with ongoing landfill activities for years and the operation of various existing landfill facilities near the project site. There are no trees or vegetations onsite to provide for the nesting and foraging of Swainson's hawk, American Badger, or Nesting birds. As the ground is constantly disturbed, it does not provide burrows for burrowing owl. Likewise, the Receipt Point facility site has also been extensively disturbed by the existing farming activities. The site is currently planted in fruit orchard and does not provide for the nesting and foraging of the species noted above.

- 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: NO IMPACT:

According to the Wetland Mapper of US Fish and wildlife, except for a few freshwater ponds, no wetland exists on the landfill site. Likewise, no wetland exists on PG&E Interconnection Receipt Point facility site. The project development will have no impact on wetlands.

- 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:

No wildlife or fish movement features (e.g., waterways, arroyos, ridgelines) or any wildlife nursery sites are present on or near the project sites that may be impacted by the project.

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

FINDING: NO IMPACT:

The project landfill site contains no trees and therefore is not subject to the County tree preservation policy or ordinance. The current farming operation (fruit orchard) on PG&E Interconnection receipt Point facility site is not subject to trees preservation policy.

- 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 any local policies or ordinances protecting biological resources, or the provisions of any conservation plan.

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 proposed landfill gas conditioning system facility or the PG&E interconnection Receipt Point facility is located within or in proximity of any area designated to be moderately or highly sensitive for archeological resources. However, in the unlikely event that cultural resources are unearthed during future construction activities on the properties, the following actions shall be required in order to ensure that impacts to such cultural resources remain less than significant.

* **Mitigation Measure:**

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 shall be followed by photos, reports, video, and 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?

FINDING: LESS THAN SIGNIFICANT IMPACT:

The project development would result in less than significant consumption of energy (gas, electricity, gasoline, and diesel) during construction or operation of the facility. Construction activities and corresponding fuel energy consumption would be temporary and localized. There are no unusual project characteristics that would cause the use of construction equipment to be less energy efficient compared with other similar construction sites in the County. Therefore, construction-related fuel consumption by the project would not result in inefficient, wasteful, or unnecessary energy use compared with other construction sites in the area.

B. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

FINDING: NO IMPACT:

The project will not conflict with or obstruct a state or local plan for renewable energy or energy efficiency.

All construction activities would comply with the 2019 Building Energy Efficiency Standards. Pursuant to the California Building Standards Code and the Energy Efficiency Standards, the County would review the design components of the project's energy conservation measures when the project's construction plans for the proposed improvements are submitted.

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?

FINDING: LESS THAN SIGNIFICANT IMPACT:

Per Figure 9-5 of the Fresno County General Plan Background Report relating to probabilistic seismic hazards, the project site is within an area of peak horizontal ground acceleration of 0 to 20 percent. Any impact resulting from seismic activity would be less than significant.

4. Landslides?

FINDING: NO IMPACT:

Per Figure 9-6 of the Fresno County General Plan Background Report, the project site is not located in an area of landslide hazards. The site is flat with no topographical variations, which precludes the possibility of landslides.

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

FINDING: LESS THAN SIGNIFICANT IMPACT:

Some soil erosion or loss of topsoil may result due to the site grading to accommodate the proposed development. However, the impact would be less than significant with a Project Note requiring approval of an Engineered Grading and Drainage Plan and a grading permit/voucher for any grading proposed with this application.

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?

FINDING: NO IMPACT:

Per Figure 9-6 of Fresno County General Plan Background Report, the project site is not in an area at risk of landslides. Also, the project involves no underground materials movement and therefore poses no risks related to subsidence.

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: NO IMPACT:

Per Figure 7-1 of the Fresno County General Plan Background Report, the project site is not located in an area where the soils exhibit moderately high to high expansion potential. However, the project development will implement all applicable requirements of the most recent California Building Standards Code and will consider any potential hazards associated with shrinking and swelling of expansive soils.

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:

No new restroom facility that would be subject to wastewater disposal system is required by the project.

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

FINDING: LESS THAN SIGNIFICANT IMPACT:

See discussion in Section V. CULTURAL RESOURCES 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?

FINDING: LESS THAN SIGNIFICANT IMPACT:

In the *Air Quality, Climate and Health Risk Assessment* prepared for the project by *Montrose Environmental and dated December 2023*, GHG emissions were estimated using the California Emissions Estimator Model (CalEEMod), AERMOD and HARP2.

According to AQCHR Assessment, landfill gas produced by the landfill is currently being combusted in the 99 MMTU per hour Flare and a 51 MMBTU per hour Flare. There would be no changes in landfill gas emissions during construction. GHG emissions will increase during construction, due to construction and associated vehicle emissions. However, In the operational phase of the project, 90 MMBTUs of landfill gas will be processed and sent to the PG&E pipeline system. The GHG emission from the existing flare system for year 2020-2022 is average out 23,736 CO₂ (tons/year).

The landfill is an existing facility, and its emissions will continue to grow over time due to its existing permit and growth expectations. The future Business As Usual (BAU) baseline reflects the 90 MMBTU per hour design value of the landfill gas process system. Without the proposed project, 90 MMBTU per hour would not be diverted to the PG&E distribution system as renewable natural gas and would instead continue to be incinerated in the existing landfill flares in accordance with existing practices. The BAU baseline GHG emission is estimated at 41,263 CO₂ (tons/year).

Based on the baseline GHG emission, CalEEMod was used to calculate net GHG emission resulting from the project. The results show that emission resulting from Option 1 (2 engines, 2 flares) would be 24,880 CO₂ (tons/year) which is 40 % net reduction from BAU baseline emissions (41,263 CO₂ ton/per year). Emission resulting from Option 2 (2 engines, 1 flare, 1 biofilter) would be 21,748 CO₂ (tons/year) which is 47% net reduction from BAU baseline emissions. As 40% and 47% are greater reductions in GHG emission than SJVAPCD's threshold of significance of 29% of GHG emission, the project will have less than significant individual and cumulative impact on global climate change.

- 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:

The project construction and operational emissions are not anticipated to conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing GHG emissions.

Per the *Air Quality, Climate and Health Risk Assessment*, the emissions from the engines are governed by the Cap-and-Trade State Program that applies to the emissions associated with the PG&E grid. PG&E is complying with this Program and thus the engines comply with this Plan.

A Permit To Operate (PTO) the engines is required by the SJVAPCD and compliance with the District's permitting programs would assure compliance with District Plans.

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; or
- 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: LESS THAN SIGNIFICANT IMPACT:

According to the Fresno County Department of Public Health, Environmental Health Division, within 30 days of the occurrence of any of the following events the applicant/operator shall update online Hazardous Materials Business Plan (HMBP) and site map: 1) there is a 100 percent or more increase in the quantities of a previously-disclosed material; 2) the facility begins handling a previously-undisclosed material at or above the HMBP threshold amounts; and 3) changes in site plan storage locations.

Additionally, facilities that use and/or store hazardous materials and/or hazardous wastes shall meet the requirements set forth in the California Health and Safety Code (HSC), Division 20, Chapter 6.95, and the California Code of Regulations (CCR), Title 22, Division 4.5. To handle hazardous materials and/or hazardous waste, a Hazardous Materials Business Plan shall be submitted pursuant to the HSC, Division 20, Chapter 6.95. If any underground storage tank is found during construction, an Underground Storage Tank Removal Permit shall be obtained to remove the tank. These requirements will be included as Project Notes.

The project sites are not located within one-quarter mile of a school. The nearest school, San Joaquin Elementary School, is approximately 4.3 miles southwest of the project landfill site and 5.8 miles west of the PG&E Interconnection Point of Receipt facility site.

- 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:

According to the search results of the Hazardous Waste and Substances Site List (CORTESE) from Department of Toxic Substances Control (DTSC) EnviroStor database, the project sites are not listed as hazardous materials sites. The project will not create hazards to the public or the environment.

- 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?

FINDING: NO IMPACT:

Per the Fresno County *Airport Land Use Compatibility Plan Update* adopted by the Airport Land Use Commission (ALUC) on December 3, 2018, the nearest public airport, Fresno-Yosemite International Airport is approximately 18 miles northeast of the landfill site and 18.8 miles from PG&E interconnection Point of Receipt site. Given the distances, the airport will not be a safety hazard, or a cause of excessive noise for people residing/working on either site.

- F. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

FINDING: NO IMPACT:

The project sites are in an area where existing emergency response times for fire protection, emergency medical services, and sheriff protection meet adopted standards. The future development proposals do not include any characteristics (e.g., permanent road closures) that would physically impair or otherwise interfere with emergency response or evacuation in the project vicinity. No impacts would occur.

- G. Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?

FINDING: NO IMPACT:

Per Figure 9-9 of the Fresno County General Plan Background Report, the project site is outside of the State Responsibility area for wildland fire protection. No persons or structures will be exposed to wildland fire hazards.

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?

FINDING: LESS THAN SIGNIFICANT IMPACT:

See discussion in Section VII., E. Geology and Soils regarding waste discharge requirements.

According to the Fresno County Department of Public Health, Environmental Health Division, as a measure to protect groundwater, a Project Note would require that all water wells and septic systems that exist or have been abandoned within the project area, shall be properly destroyed by a licensed contractor.

The Regional Water Quality Control Board, Central Valley Region did not provide any comments on the project and the State Water Resources Control Board, Division of Drinking Water (SWRCB-DDW) offered 'No Comments' on the project.

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

FINDING: NO IMPACT:

The project requires no use of water. As such no impact on groundwater resources would occur.

- 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: LESS THAN SIGNIFICANT IMPACT:

No intermittent stream or river exists on or near the landfill site or the PG&E Point of Interconnection site to be impacted by the project.

Any changes in the absorption rates, drainage patterns, or the rate and amount of surface run-off resultant of site development will be reduced with adherence to the mandatory construction practices contained in the Grading and Drainage Sections of the County Ordinance Code. As noted by Development Engineering Section of the Fresno County, the project may require an engineered grading and drainage plan and a Grading Permit or voucher prior to site development.

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

FINDING: NO IMPACT:

Per Figure 9-7 of the Fresno County General Plan Background Report, the project site is not located in a 100 Year Flood Inundation Area.

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

FINDING: NO IMPACT:

Reviewing agencies and departments did not express concern with the application to indicate that the project will conflict with or obstruct implementation of a water quality control plan or sustainable management plan. As such no impact would occur.

XI. LAND USE AND PLANNING

Would the project:

- A. Physically divide an established community?

FINDING: NO IMPACT:

The project will not physically divide an established community. The nearest city (City of Kerman) is approximately 4.2 miles northeast and 6.5 miles north of the project sites.

- 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 LESS THAN SIGNIFICANT IMPACT:

The project sites are designated Agriculture in the Fresno County General Plan which allows certain non-agricultural uses such as the proposed facility by discretionary approval provided the use meets General Plan Policy LU-A.3., criteria a. b. c. d. The project is consistent with this Policy.

Regarding consistency with LU-A.3., criteria a., the proposed landfill gas conditioning system (LFGCS) will be capturing gas from landfill site and providing it to PG&E as a safe and efficient way of utilizing gas to avoid the current practice of burning LFG via flare.

Regarding Criteria “b”, the LFGCS will be located on one-acre portion of a 39.55-acre waste disposal site designated as Urban Built-up land and the 313.6-acre site for the PG&E Interconnection Receipt Point site is designated as Farmland of Local Importance. Both sites are Non-Prime Farmland.

Regarding Criteria “c”, the project involves no water use and as such will not impact ground-water resources.

Regarding Criteria “d”, the project is located approximately three miles southwest of the City of Kerman and 3.2-mile northeast of the City of San Joaquin which can provide adequate workforce.

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: NO IMPACT:

No impact to mineral resource would occur. The site is not in a mineral resource area identified in Policy OS-C.2 of the General Plan.

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 be residing or working in the project area to excessive noise levels?

FINDING: LESS THAN SIGNIFICANT IMPACT:

The nearest noise receptors, single-family residences are located approximately 2,000 feet (or 0.4 mile) north of the proposed landfill gas conditioning system and 2,592 feet (or 0.5 mile) west of PG&E Interconnection Receipt Point facility. Given the distance, any noise impact on the residences resulting from project construction or operation would be less than significant.

As noted by the Fresno County Department of Public Health, Environmental Health Division a Project Note would require that the project shall conform to the Fresno County Noise Ordinance Code.

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:

The project will not result in an increase of housing, nor will it otherwise induce population growth.

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?

FINDING: LESS THAN SIGNIFICANT IMPACT:

According to the Fresno County Fire Protection District (FCFPD), the project shall: comply with the California Code of Regulations Title 24 – Fire Code; adhere to the requirements of the current Fire Code and Building Code when building permit or certificate of occupancy is sought; and annex into the Community Facilities District No. 2010-01 of FCFPD. This will be included as a Project Note.

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

FINDING: NO IMPACT:

The project will not result in the need for additional public facilities nor will it affect the existing public services.

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:

The project will have no impact on neighborhood and regional parks or other recreational facilities in the area.

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)?

FINDING: NO IMPACT:

According to the Applicant's Operational Statement, two full-time employee/technician will operate landfill gas conditioning system (LFGCS). One truck per day will deliver liquid natural gas (LNG); one truck per week will pick up landfill condensate; and various maintenance and repair vehicles (one to two deliveries per quarter) will visit the site.

The Transportation Planning Unit of the Fresno County Department of Public Works and Planning and the California Department of Transportation expressed no traffic-related concerns with the project. No Traffic Impact Study was required.

- 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: NO IMPACT:

The project review by Traffic Planning Unit and Road Maintenance and Operations Division of the Fresno County including the Fresno County Fire Protection District did not identify any concerns regarding emergency access. The project development will be subject to all local and state requirements for site access for emergency vehicles.

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:

The project sites are not designated as highly or moderately sensitive for archeological resources. Pursuant to Assembly Bill (AB) 52, the project was routed to the Santa Rosa Rancheria Tachi Yokut Tribe, Picayune Rancheria of the Chukchansi Indians, Dumna Wo Wah Tribal Government, and Table Mountain Rancheria offering them an opportunity to consult under Public Resources Code (PRC) Section 21080.3(b) with a 30-day window to formally respond to the County letter. No tribe requested consultation, resulting in no further action on the part of the County. However, in the unlikely event, that cultural resources are identified on

the property, the Mitigation Measure included in the CULTURAL ANALYSIS section of this report will reduce the impact to less than significant.

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:

See discussion in Section VII. E. GEOLOGY AND SOILS above. Additionally, the project will not result in the relocation or construction of new electric power, natural gas, or telecommunications facilities.

- 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:

See discussion in Section X. B. HYDROLOGY AND WATER QUALITY above.

- 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?

FINDING: NO IMPACT:

The project does not require construction of any wastewater disposal system.

- D. Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals; or
- E. Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

FINDING: LESS THAN SIGNIFICANT IMPACT:

As per the applicant's Operational Statement, periodically used compressor and power generator engine oil and landfill condensate will be disposed offsite. Used media containing sulfur and carbon will be disposed of at the landfill site.

All solid waste disposal will 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:

- 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 sites are not in or near state responsibility area or land classified as very high fire hazard severity zones. No impact would occur.

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:

The project will have no impact on biological resources. Impact on cultural resources have been reduced to a less than significant level with the incorporation of a Mitigation Measure discussed in Section V. CULTURAL RESOURCES above.

- 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:

Each of the projects located within Fresno County has been or would be analyzed for potential impacts, and appropriate project-specific Mitigation Measures are developed to reduce that project's impacts to less than significant levels. Projects are required to comply with applicable County policies and ordinances. The incremental contribution by the proposed project to overall development in the area is less than significant.

The project will adhere to the permitting requirements and rules and regulations set forth by the Fresno County Grading and Drainage Ordinance, San Joaquin Air Pollution Control District, and California Code of Regulations Fire Code at the time development occurs on the property. No cumulatively considerable impacts relating to Agricultural and Forestry Resources, Air quality or Transportation were identified in the project analysis. Impacts identified for Aesthetics and Cultural Resources will be mitigated through compliance with the Mitigation Measures listed in Section I and Section V of this report.

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

FINDING: NO IMPACT:

No substantial impacts on human beings, either directly or indirectly, were identified in the analysis.

CONCLUSION/SUMMARY

Based upon Initial Study No. 8380 prepared for Unclassified Conditional Use Permit Application No. 3762, 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 biological resources, mineral resources, population and housing, recreation, transportation, or wildfire.

Potential impacts related to agriculture and forestry resources, air quality, energy, geology and soils, greenhouse gas emissions, hazards and hazardous materials, hydrology and water quality, land use and planning, noise, public services, tribal cultural resources and utilities and service systems have been determined to be less than significant.

Potential impacts to Aesthetics and Cultural Resources have been determined to be less than significant with the identified Mitigation Measures.

A Mitigated 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" Streets, Fresno, California.

File original and one copy with: Fresno County Clerk 2221 Kern Street Fresno, California 93721		Space Below for County Clerk Only. CLK-2046.00 E04-73 R00-00			
Agency File No: IS 8380		LOCAL AGENCY PROPOSED MITIGATED NEGATIVE DECLARATION		County Clerk File No: E-	
Responsible Agency (Name): Fresno County		Address (Street and P.O. Box): 2220 Tulare St. Sixth Floor		City: Fresno	Zip Code: 93721
Agency Contact Person (Name and Title): Ejaz Ahmad, Planner			Area Code: 559	Telephone Number: 600-4204	Extension: N/A
Applicant (Name): Toro of California AA, LLC			Project Title: Unclassified Conditional Use Permit Application No. 3762		
Project Description: Allow the construction and operation of a landfill gas conditioning system with two 1,980 kW power generators for treating raw landfill gas to a pipeline quality gas on an approximately 43,264 square-foot portion of a 39.55-acre Fresno County landfill site in the AE-20 (Exclusive Agricultural; 20-acre minimum parcel size) Zone District (APN: 020-052-9ST) (18950 W. American Avenue) allow connecting the system to the proposed 8-mile subsurface biomethane feeder pipeline to run through American Avenue road right-of-way (utility easement) via a franchise agreement and through State Route 145 (S. Madera Avenue) right-of-way and to terminate at a PG&E transmission pipeline interconnection Receipt Point metering facility to be constructed on an approximately 10,000 square feet portion of a 313.6-acre parcel (APN 030-070-25S) in the AE-20 (Exclusive Agricultural; 20-acre minimum parcel size) Zone District. The landfill site is located on the north side of American Avenue approximately 1,925 feet west of its intersection with Humboldt Avenue and 3.8 miles southwest of the City of Kerman. The Receipt Point facility site is located on the northwest corner of Manning Avenue and State Route 145 (S. Madera Avenue) approximately seven miles south of the City of Kerman (Sup. Dist. 1) (APNs: 020-052-9ST, 030-070-25S).					
Justification for Mitigated Negative Declaration: Based upon the Initial Study (IS 8380) prepared for Unclassified Conditional Use Permit Application No. 3762, staff has concluded that the project will not have a significant effect on the environment. No impacts were identified related to biological resources, mineral resources, population and housing, recreation, transportation, or wildfire. Potential impacts related to, agriculture and forestry resources, air quality, energy, geology and soils, greenhouse gas emissions, hazards and hazardous materials, hydrology and water quality, land use and planning, noise, public services, tribal cultural resources and utilities and service systems have been determined to be less than significant. Potential impacts related to aesthetics and cultural resources have been determined to be less than significant with the included Mitigation Measure. The Initial Study and Mitigated Negative Declaration (MND) is available for review at 2220 Tulare Street, Suite A, Street Level, located on the southeast corner of Tulare and "M" Street, Fresno, California					
FINDING: The proposed project will not have a significant impact on the environment.					
Newspaper and Date of Publication: Fresno Business Journal – March 1, 2024			Review Date Deadline: Planning Commission – April 11, 2024		
Date: Feb. 27, 2024	Type or Print Name: David Randall, Senior Planner		Submitted by (Signature):		

State 15083, 15085

County Clerk File No. _____

**LOCAL AGENCY
MITIGATED NEGATIVE DECLARATION**

**Mitigation Monitoring and Reporting Program
Initial Study No. 8380
Unclassified Conditional Use Permit Application No. 3762**

Mitigation Measures					
Mitigation Measure No.*	Impact	Mitigation Measure Language	Implementation Responsibility	Monitoring Responsibility	Time Span
*1.	Aesthetics	All outdoor lighting shall be hooded and directed downward as to not shine toward adjacent properties and public streets.	Applicant	Applicant/Fresno County Department of Public Works and Planning (PWP)	On-going; for duration of the project
*2.	Cultural Resources	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 shall be followed by photos, reports, video, and etc. If such remains are determined to be Native American, the Sheriff-Coroner must notify the Native American Commission within 24 hours.	Applicant	Applicant/PWP	During ground disturbance

*MITIGATION MEASURE – Measure specifically applied to the project to mitigate potential adverse environmental effects identified in the environmental document.

EA:
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County of Fresno

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

October 16, 2023

To: Department of Public Works and Planning, Attn: Steven E. White, Director
Department of Public Works and Planning, Attn: Bernard Jimenez,
Planning and Resource Management Officer
Development Services and Capital Projects, Attn: William M. Kettler,
Deputy Director of Planning
Development Services and Capital Projects, Attn: Chris Motta, Division
Manager
Development Services and Capital Projects, Attn: Tawanda Mtunga,
Principal Planner
Development Services and Capital Projects, Current/Environmental
Planning, Attn: David Randall, Senior Planner
Development Services and Capital Projects, Policy Planning, Attn:
Mohammad Khorsand, Senior Planner
Development Services and Capital Projects, Zoning & Permit Review,
Attn: James Anders/Daniel Gutierrez, Senior Planners
Development Services and Capital Projects, Development Engineering,
Attn: Laurie Kennedy, Office Assistant III
Water and Natural Resources Division, Attn: Roy Jimenez, Senior Planner
Transportation Planning Unit, Attn: Hector Luna, Senior Planner
Water and Natural Resources Division, Community Development, Attn:
Yvette Quiroga, Principal Planner
Design Division, Attn: Mohammad Alimi, Division Manager;
Design Division, Attn: Erin Haagenson, Principal Staff Analyst
Resources Division, Attn: Daniel Amann, Interim Division Manger
Resources Division, Special Districts, Attn: Christopher Bump, Principal
Staff Analyst,
Road Maintenance and Operations Division, Attn: Wendy Nakagawa,
Supervising Engineer
Department of Public Health, Environmental Health Division, Attn: Deep
Sidhu, Supervising Environmental Health Specialist; Kevin Tsuda,
U.S. Fish and Wildlife Service, San Joaquin Valley Division, Attn: Matthew Nelson
CA Regional Water Quality Control Board, Attn:
centralvalleyfresno@waterboards.ca.gov
CA Department of Fish and Wildlife, Attn: R4CEQA@wildlife.ca.gov
State Water Resources Control Board, Division of Drinking Water, Fresno District,
Attn: Cinthia Reyes
San Joaquin Valley Unified Air Pollution Control District (PIC-CEQA Division),
Attn: PIC Supervisor
Dumna Wo Wah Tribal Government, Attn: Robert Ledger, Tribal Chairman/Eric

Smith, Cultural Resources Manager/Chris Acree, Cultural Resources Analyst
Picayune Rancheria of the Chukchansi Indians, Attn: Heather Airey/Cultural Resources Director
Santa Rosa Rancheria Tachi Yokut Tribe, Attn: Ruben Barrios, Tribal Chairman/Hector Franco, Director/Shana Powers, Cultural Specialist II
Table Mountain Rancheria, Attn: Robert Pennell, Cultural Resources Director/Kim Taylor, Cultural Resources Department/Sara Barnett, Cultural Resources Department
North Central Fire Protection District, Attn: George D. Mavrikis Fresno

FROM: Ejaz Ahmad, Planner
Development Services and Capital Projects Division

SUBJECT: Initial Study Application No. 8380, Unclassified Conditional Use Permit Application No. 3762 (**Revision**)

APPLICANT: Toro Energy of California AA. LLC

DUE DATE: October 30, 2023

The Department of Public Works and Planning, Development Services and Capital Projects Division is reviewing the subject application proposing to allow construction and operation of a landfill gas conditioning system on an approximately 1.52-acre portion of a 39.55-acre Fresno County landfill site (Assessor Parcel Number **020-052-09ST**; related APNs 020-210-35ST, 020-052-05ST, 06ST) and an 8-mile pipeline route within road right-of-ways along American Ave and State Route 145 (Madera Avenue) to the PG&E interconnection Receipt Point facility on an approximately 10,000 square feet portion of a 313.6-acre parcel (Assessor parcel Number 030-070-25S). **Note: The subject proposal entails revision to the project routed to agencies for comments on March 30, 2023 (enclosed for reference purposes). This revision include change in size and location of the project site and addition of 1,980 kW engine generators to provide power to the project.**

The Department is also reviewing the project 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 October 30, 2023. 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, Ejaz Ahmad, 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) 600-4204, or email eahmad@fresnocountyca.gov

EA

G:\4360Devs&PIn\PROJSEC\PROJDOCS\CUP\3700-3799\3762\CUP (Revision)\Application\Routing\CUP 3762 Routing Pkg.pdf



Date Received: 10-12-2023

CUP3762(R)
(Application No.)

Fresno County Department of Public Works and Planning

MAILING ADDRESS: Department of Public Works and Planning Development Services 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 Toll Free: 1-800-742-1011 Ext. 0-4497

APPLICATION FOR:

- Pre-Application (Type)
Amendment Application
Amendment to Text
Conditional Use Permit (Revision)
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:

Allow the construction and operation of a landfill gas conditioning system and pipeline to receipt point facility in the AE-20 Zone District.

CEQA DOCUMENTATION: 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: side of between and Street address: 18950 West American Avenue, Kerman, CA93630

APN: 020-210-35ST, 020-052-05ST, 020-052-06T, 020-052-09ST Parcel size: 146.8 acres Section(s)-Twp/Rg: S 32 - T 14 S/R 17 E

ADDITIONAL APN(s): 030-070-25S (PG&E Biomethane Receipt Point Metering Facility)

I, Matt Schmitt Digitally signed by Matt Schmitt Date: 2023.09.18 15:19:07 -07'00' (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: Role, Name, Address, City, Zip, Phone. Rows include County of Fresno, Owner (Toro Energy of California AA, LLC), Applicant (Toro Energy of California AA, LLC), and Representative (Toro Energy of California AA, LLC).

CONTACT EMAIL: Matt@ColonyEnergyPartners.com

OFFICE USE ONLY (PRINT FORM ON GREEN PAPER)

Application Type / No.: CUP3762 (Revision) Fee: \$ 2,280.75
Application Type / No.: Fee: \$
Application Type / No.: Fee: \$
Application Type / No.: Fee: \$
PER/Initial Study No.: Fee: \$
Ag Department Review: Fee: \$
Health Department Review: Fee: \$
Received By: Eja2 Invoice No.: TOTAL: \$ 2,280.75

UTILITIES AVAILABLE:

WATER: Yes [] / No [x]
Agency:
SEWER: Yes [] / No [x]
Agency:

STAFF DETERMINATION: This permit is sought under Ordinance Section:

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

Related Application(s):

APN # - -

Zone District:

APN # - -

Parcel Size:

APN # - -

APN # - -

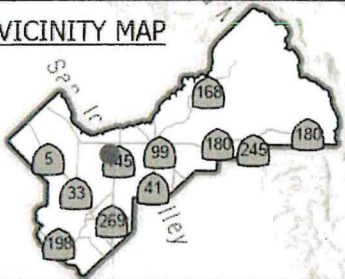
Legend



Subject Property



VICINITY MAP



APN: 020-210-35ST

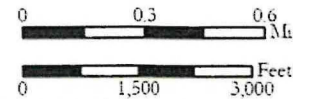


LOCATION MAP


CUP3762

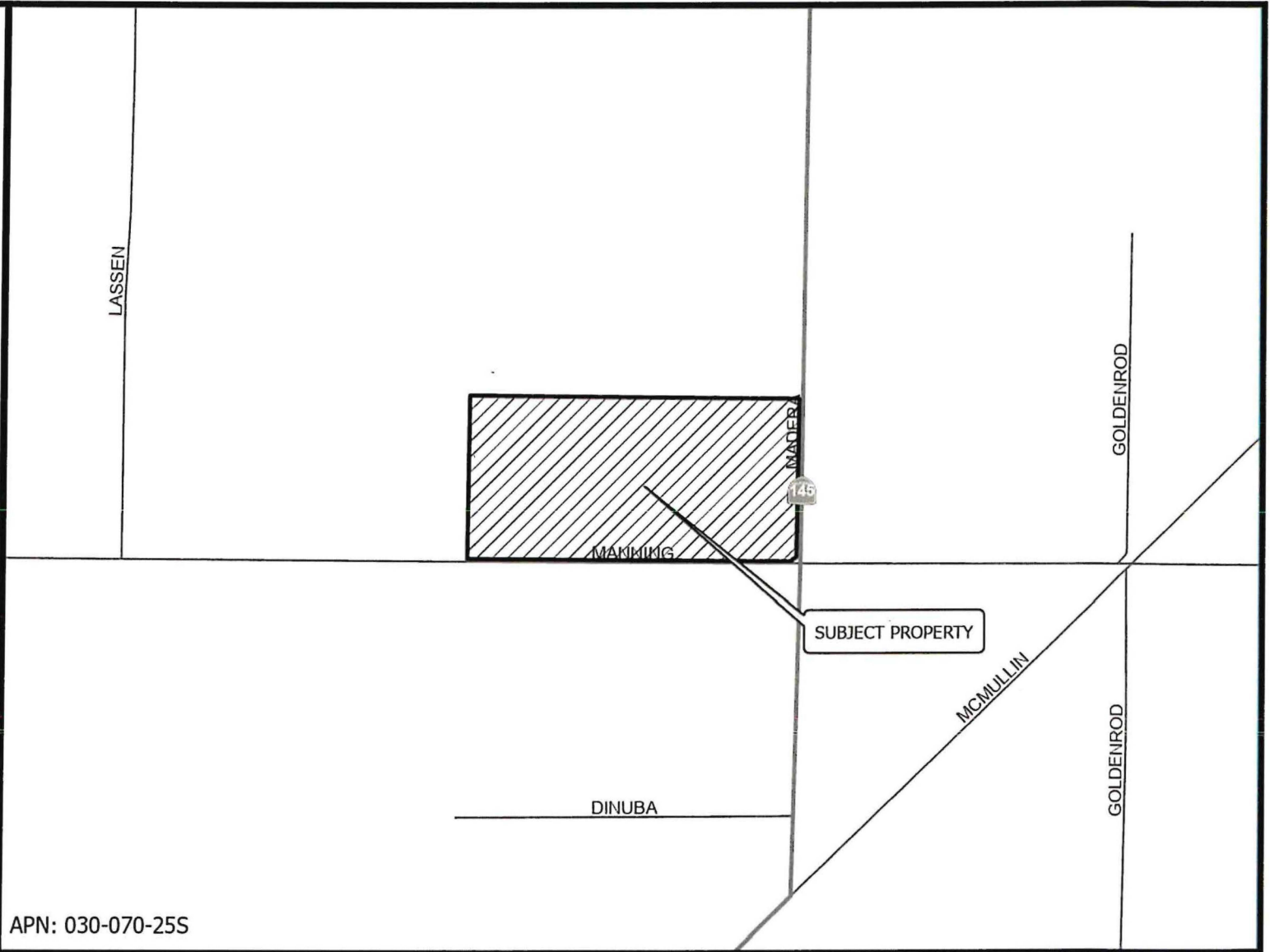
2023

Prepared by : County of Fresno, Department of Public Works and Planning, Development Services Division
Person Prepared by : chuvang
On Date : 4/21/2023

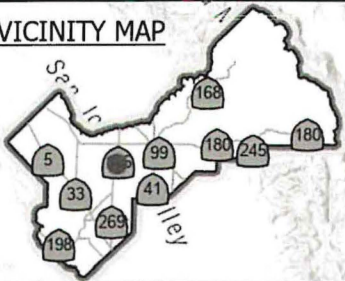


Legend

 Subject Property



VICINITY MAP



APN: 030-070-25S

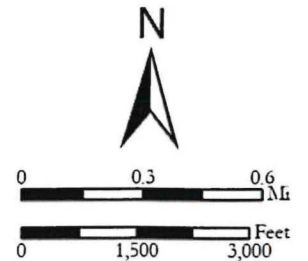


LOCATION MAP

CUP3762

2023

Prepared by : County of Fresno, Department of Public Works and Planning, Development Services Division
 Person Prepared by : chuang
 On Date : 4/21/2023

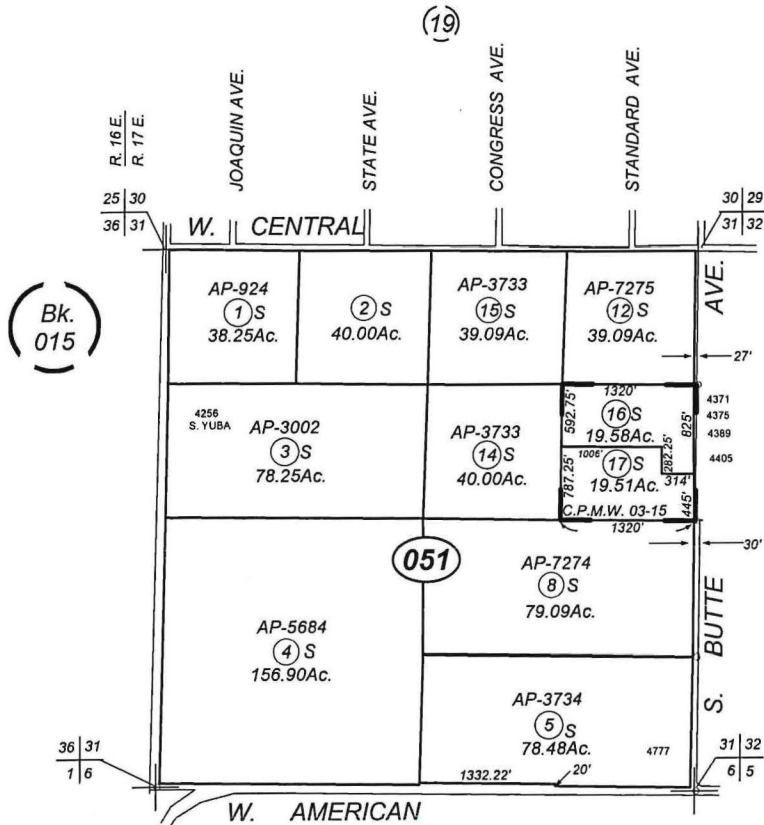


-NOTE-
 This map is for Assessment purposes only.
 It is not to be construed as portraying legal
 ownership or divisions of land for purposes
 of zoning or subdivision law.

SEC'S' 31, 33 T.14 S., R. 17 E., M.D.B. & M.

Tax Rate Area
 120-012

020-05

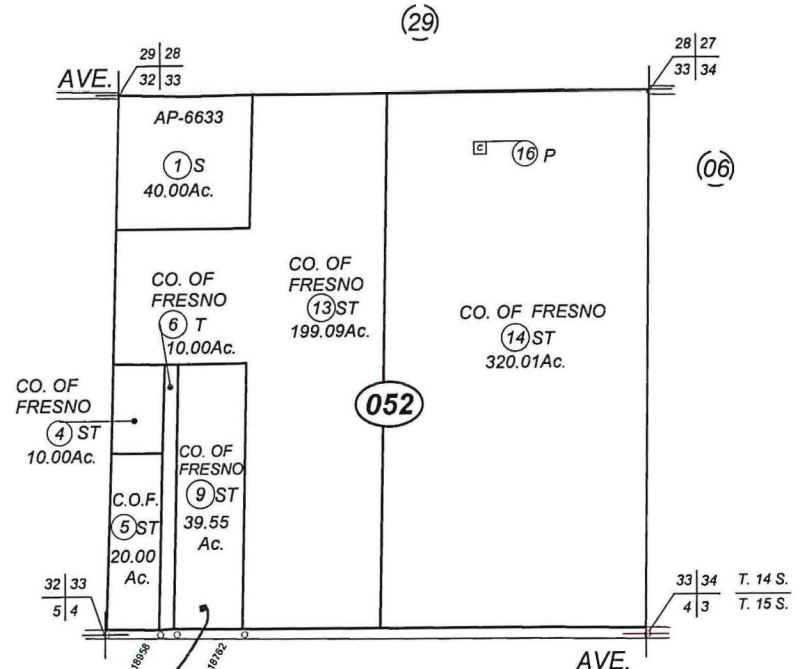


(20)

(23)

(21)

(Bk. 030)



PROJECT SITE

Agricultural Preserve
 Certificate of Parcel Map Waiver No. 03-15, Doc. 119348, 06-01-06

9/22/2020

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

Assessor's Map Bk. 020 - Pg.05
 County of Fresno, Calif.



Operational Statement

County of Fresno AADS Landfill Gas to Energy Project (“AALFGTE”)

Applicant: Toro Energy of California AA, LLC

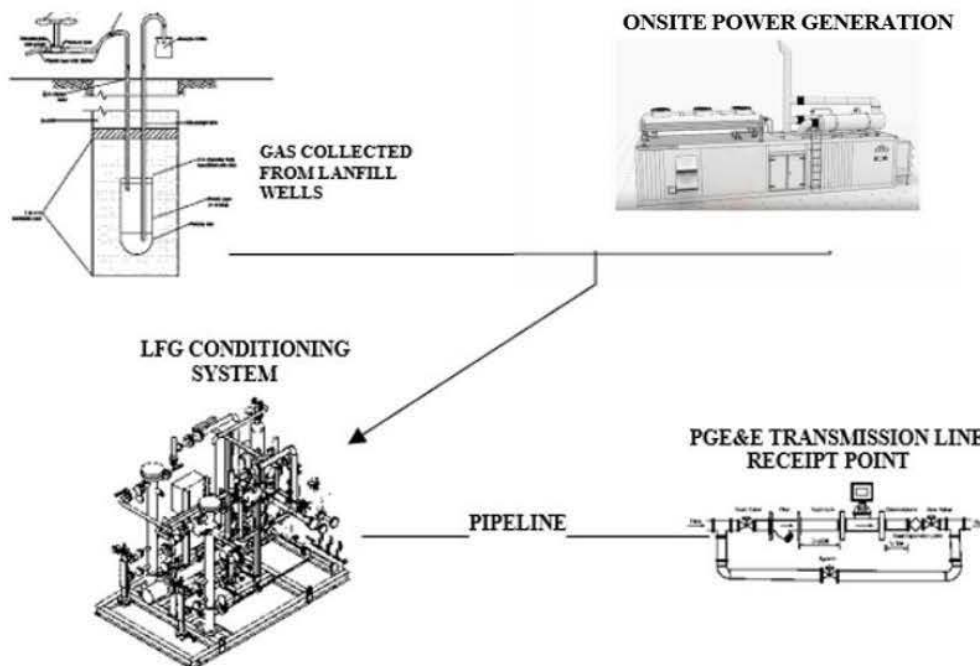
Owner: County of Fresno

Assessor’s Parcel No: 020-210-35ST (AADS Property),
030-070-25S (PG&E Biomethane Receipt Point Metering Facility)

Area: Located within the AADS Property on one (1) acre 208’ x 208’ area to construct the Landfill Gas Conditioning System (“LFGCS”) and County Roads American Avenue and State Hwy 145 (Madera Ave) utility easement right of way for new (8) mile biomethane feeder pipeline from AADS to PG&E transmission pipeline interconnection Receipt Point facility at Manning Ave and Madera Avenue located on a half-acre easement area.

Address: 18950 W. American Avenue, Kerman, CA

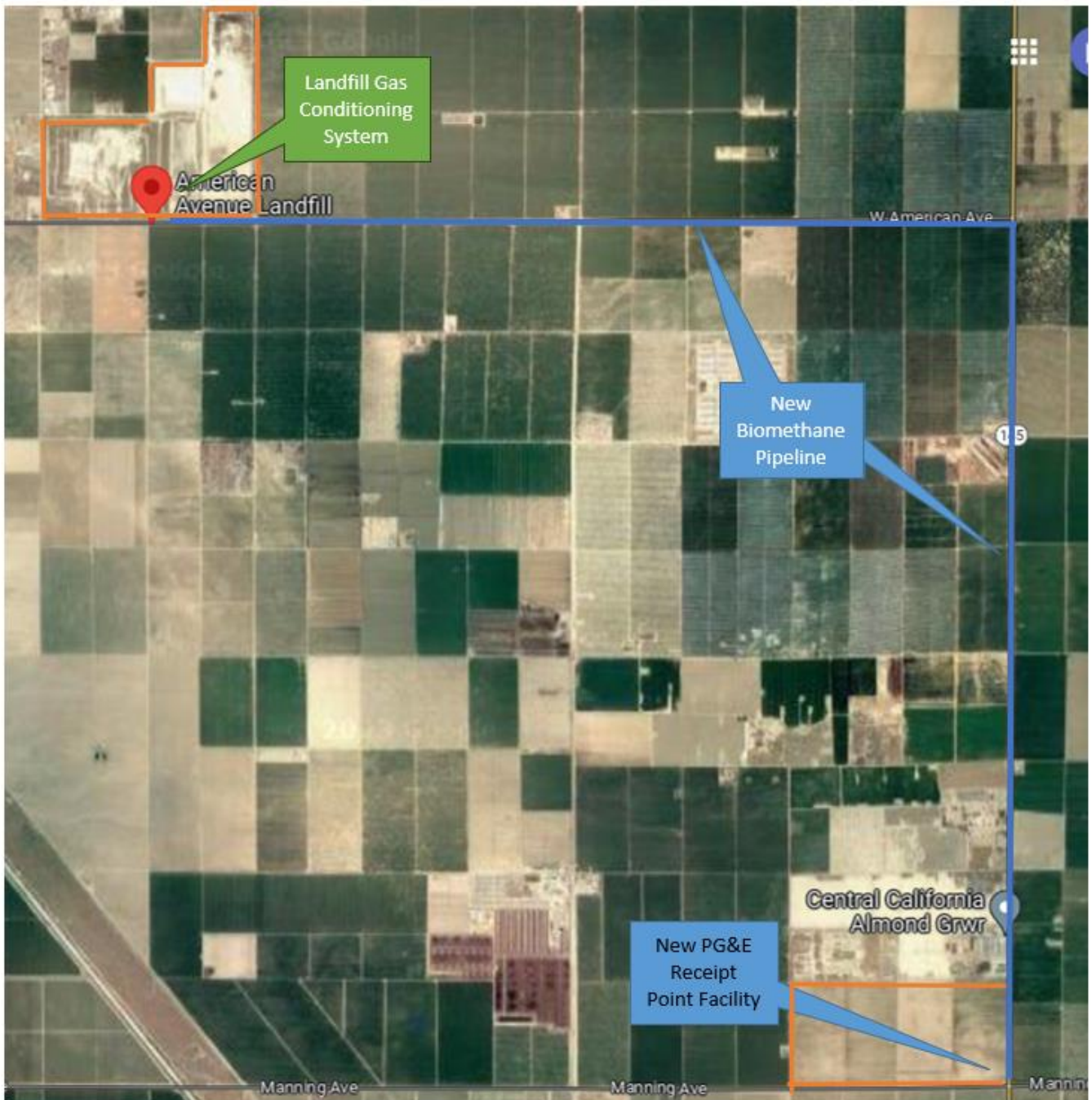
Proposal: Allow for the construction and operation of a landfill gas conditioning system (“LFGCS”) powered with onsite natural gas internal combustion engine electric generators, to deliver biomethane through a new eight (8) mile pipeline constructed in the County road right of way to a new PG&E receipt point metering facility to be constructed on an AE-20 Zone District property on the southwest corner of Manning and Madera Avenues.



Project Background

The organic decomposition of municipal solid waste in landfills results in the generation LFG consisting primarily of methane (25-50%), carbon dioxide (25-50%), nitrogen and trace amounts of VOC and siloxane gases. Currently AADS burns off the LFG via flare and the County, and the Implementation of a LFGTE Project will reduce the use of the flare system and generate a new source of revenue for the County respective enterprise fund. As such, the Board of Supervisors adopted Ordinance No. 22-004, Agreement No. 22-166 (Revenue Agreement) in April 2022 authorizing the County to enter into a Revenue Agreement with Toro of California AA, LLC whereby the County will sell LFG to Toro with Toro having the responsibility to develop, finance and operate the LFGTE Project.

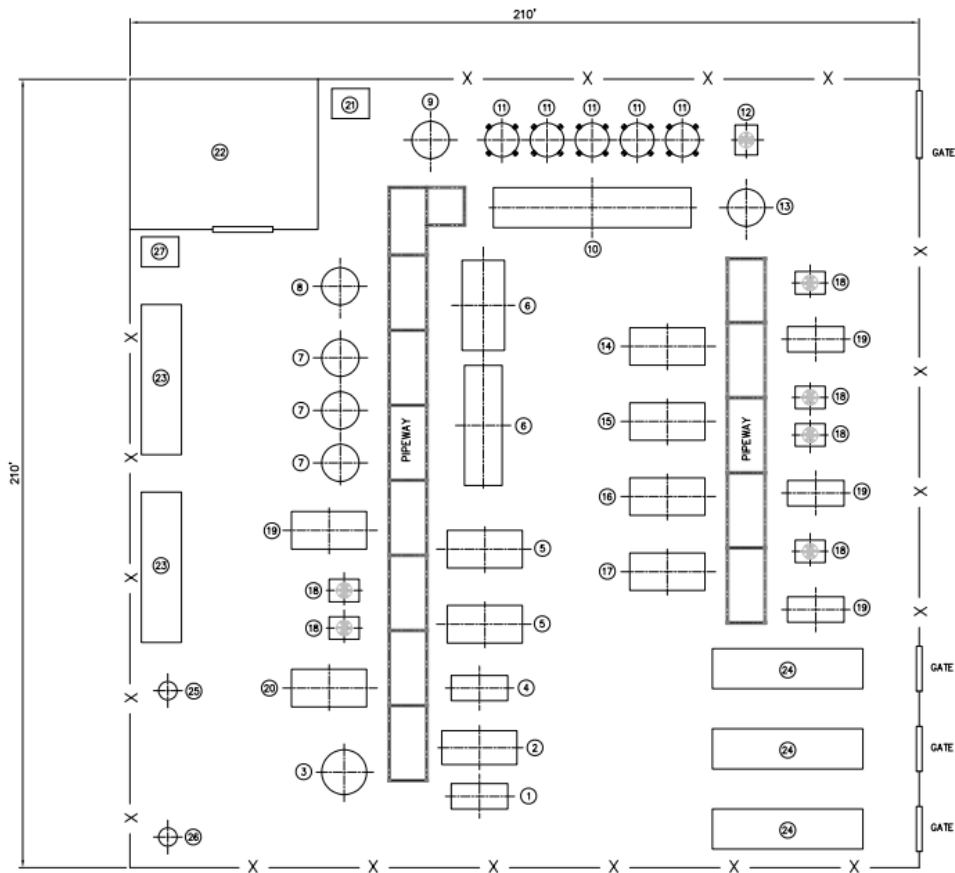
AADS Project Map



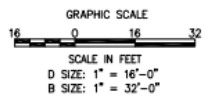
AADS Landfill Gas Conditioning System Project Site Overhead



LFGCS Equipment Layout

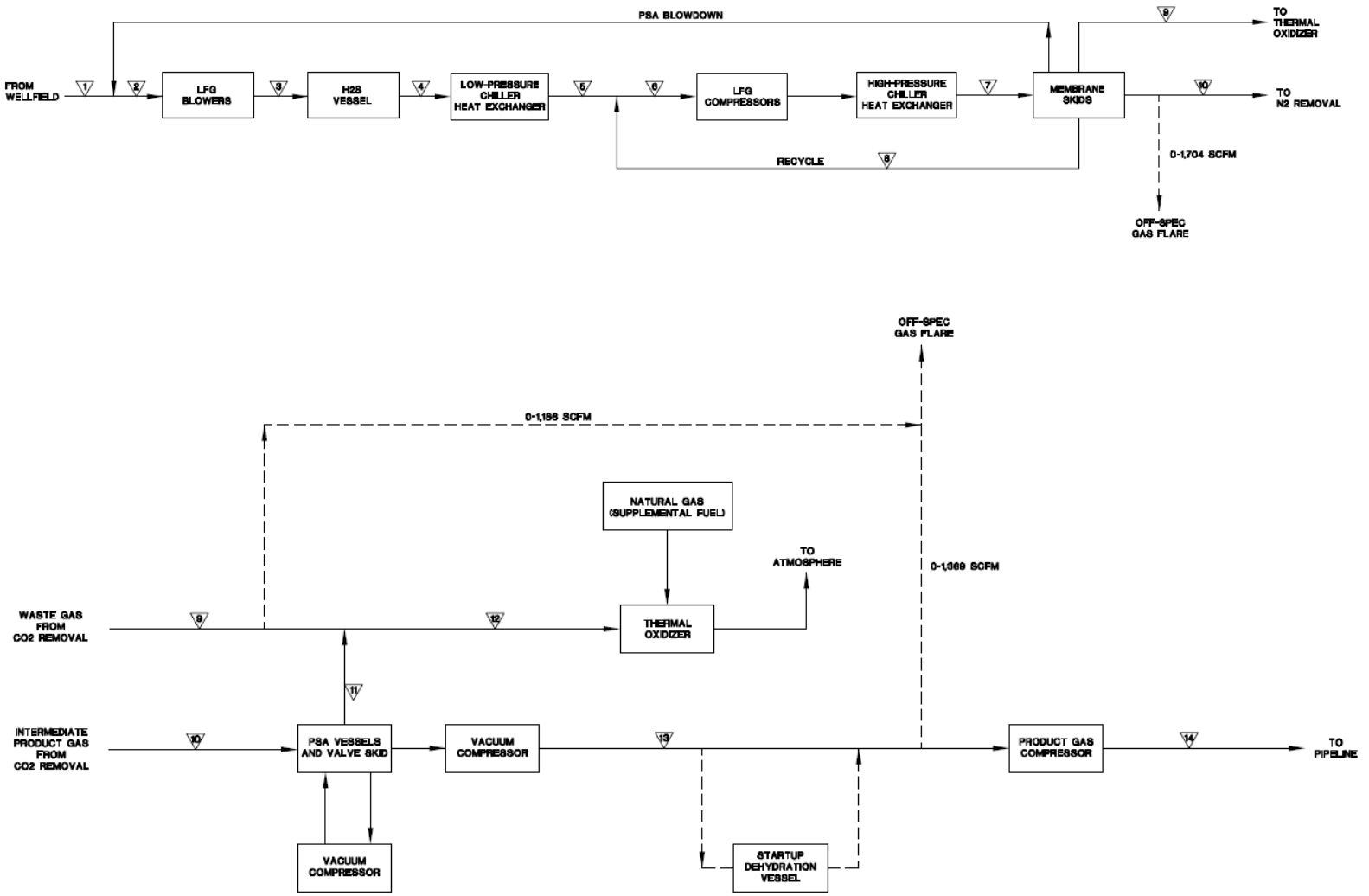


NO	EQUIPMENT DESCRIPTION
1	BLOWER SKID
2	BLOWER COOLER
3	H2S VESSEL
4	CHILLER SKID
5	FEED COMPRESSORS
6	AIR LIQUIDE SKIDS
7	AIR LIQUIDE ACTIVATED CARBON VESSELS
8	CO2 PRODUCT BUFFER VESSEL
9	N2 TAIL GAS BUFFER VESSEL
10	N2 PSA VALVE SKID
11	N2 ADSORBER VESSELS
12	PRODUCT GAS COOLER
13	PRODUCT GAS BUFFER TANK
14	N2 VACUUM COMPRESSOR
15	N2 RECYCLE COMPRESSOR
16	PRODUCT GAS COMPRESSION STAGE 1
17	PRODUCT GAS COMPRESSION STAGE 2
18	OIL COOLERS
19	GAS COOLERS
20	CHILLER CONDENSER
21	PLANT AIR COMPRESSOR
22	POWER DISTRIBUTION CENTER
23	ENGINE/GENERATOR
24	NATURAL GAS UNLOADING BAYS
25	THERMAL OXIDIZER
26	OFF-SPEC GAS FLARE
27	TRANSFORMERS



ITEM NO. 23 ON THE SITE PLAN SHOWS THE LOCATION OF ENGINE GENERATORS TO PROVIDE POWER TO THE PROJECT

Process Flow Diagram



1. Nature of the Operation

The LFGCS will be located on a one acre leased portion of AADS property about 300 yards east of the AADS driveway entrance. LFG will be routed to the LFGCS from just prior to the existing LFG flare stack. The proposed equipment will be designed to process up to 3,000 standard cubic feet per minute (“SCFM”) of LFG as shown in the process flow diagram attached. The existing inlet blower (owned by the County) will provide vacuum on the field and deliver gas to the LFGCS at 0 psig. The gas will be initially compressed to 5 psig using an inlet blower. The blower will be protected by an inlet separator and will be followed by an aftercooler and separator for removing water generated by compression.

H2S Treatment

A lead-lag carbon treatment will be utilized to remove the H2S from the gas. The carbon system will be able to treat down 4 ppm. The carbon media will be replaced as required by manufacturer recommendations and will be taken off-site for disposal.

First Stage Compression

The gas will then be compressed to approximately 210 psig using flooded screw compressors. Both oil and the compressed gas will be cooled by an air aftercooler.



Picture 2 – Chiller & Dryer Skid

NMOC PSA

Non-methane organic compounds (NMOCs) will be removed by the two bed Pressure Swing Absorption (“PSA”). One bed will treat the gas while the second bed is regenerated by providing a vacuum on the bed. CO2 from the membrane permeate will be heated and used for bed regeneration. The CO2 will then be routed to a thermal oxidizer.

Carbon Guard Beds

A lead-lag system will be installed after the PSA to remove any compounds that are not removed by the NMOC PSA. The beds will use activated carbon for removal of NMOCs before the membranes.

Membranes

A membrane system will be installed after the guard beds to remove carbon dioxide from the biogas. The membrane will be a two-stage system. The first stage permeate will be vented to atmosphere and the retentate will be heated and continue to second stage. The second stage retentate will continue to final compressor and the second stage permeate will be recycled to the inlet of the first stage compressors.



NITROGEN PSA

Nitrogen will be removed using a two bed PSA. One bed will adsorb the Methane while the other is regenerated using the vacuum pump(s). The recovered methane from the regenerated vessel will be conveyed to final compression.



Onsite Power Generation

Two 1,980 kW containerized natural gas fueled reciprocating engine generator sets will be installed to provide power to the LFGCS. Natural gas will be supplied to the generator sets by truck deliveries of LNG about once per day.



LNG will be offloaded to two containerized storage/vaporizer units. The combined LNG storage capacity will be 20,000 gallons which is approximately 2 days supply of fuel for the gensets.



Final Compression

The lateral compression system will be designed to compress gas from 20 psig to approximately 650 psig. Compression will be a single flooded screw compressor. The oil and the compressed gas will be cooled by an air aftercooler.

Startup and Upset Flare

Gas will be routed to the high btu flare during system upsets and during system startup and ramp down where processed gas is not being sent to the PG&E pipeline transmission interconnect. The flare will require a constant natural gas pilot to be able to immediately accept gas on a moments notice during unplanned downturns.

Thermal Oxidizer Flare

A thermal oxidizer will be installed to continuously combust waste gas from the process which will mainly consist of CO₂ and N from the membrane and the Nitrogen PSA. This is low BTU gas and the flare will require supplemental fuel (LNG) to keep the thermal oxidizer up to temperature.

Final Site Metering

The final metering system will include a gas chromatograph for measuring methane, carbon dioxide, and nitrogen levels in the gas. There will also be additional analyzers for measuring oxygen, water, and hydrogen sulfide levels. If any constituent is out of specification, the gas will automatically be diverted to the flare. Product gas will be delivered to the project lateral pipeline.

Biomethane Feeder Pipeline

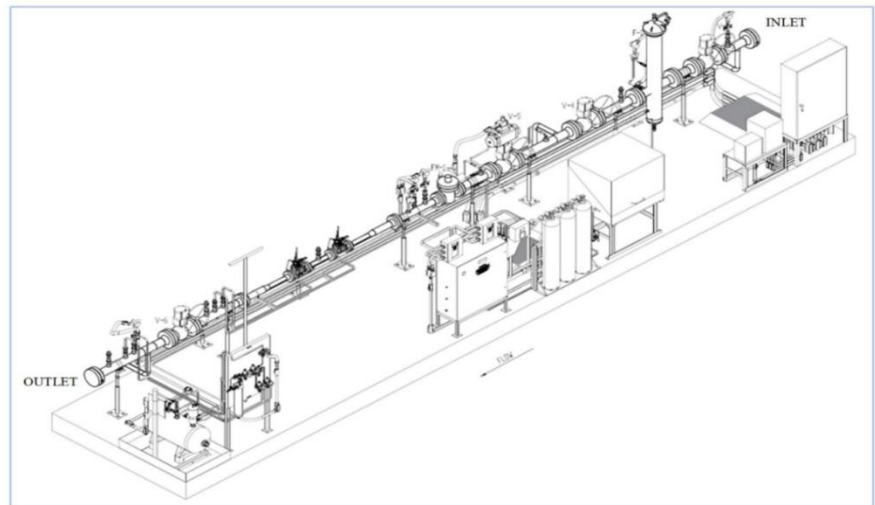
Biomethane gas will flow from the LFGCS through an eight (8) mile newly built four inch (4”) pipeline that will be located within the County Road utility right of way along American Ave east to Madera Ave south to the intersection of Manning and Madera Ave. into a newly constructed PG&E Receipt Point Facility under a private pipeline Franchise Agreement to be approved by the County Board of Supervisors.

Booster Compression

Due to the lateral pipeline MAOP (650 psig) being less than the PG&E transmission pipeline MAOP (700 psig) a booster compressor will be required at the interconnect Receipt Point. Compression will be a single flooded screw compressor. The oil and the compressed gas will be cooled by an air aftercooler.

PG&E Receipt Point Facilities

At the PG&E Receipt Point, located at the corner of Manning and Madera Ave, a facility will be constructed to meter, quality measure and odorize the transition of the Product Gas to the PG&E transmission pipeline. The facility will be constructed on up to 10,000 sqft of property under an Easement Agreement with the Landowner. The



Receipt Point Facility will also be designed and constructed to allow for direct injection of compressed Product Gas via tube trailer delivered by truck. The delivery of compressed Product Gas will be will meet all California Highway Patrol, Department of Transportation and the California Environmental Protection Agency regulations for the handling and transportation of the product gas. Power will be delivered to the receipt point facilities through the PG&E power lines that run along Manning or Madera Ave.



2. Operational time limits

The Project will operate 24/7 365 days per year except for planned and unplanned maintenance and repair.

3. Number of customer/visitors

There are no regularly planned visitors or customers.

4. Employees

There will be two full time employee/technicians that will operate the LFGCS.

5. Service / Delivery Vehicles

One truck per day of LNG delivered to the site in a 10,000 gallon tanker trailer to fuel the onsite power Generators, and one truck per week will pick up LFG condensate approximately 6,000 gallons to be disposed of offsite. In addition, there will be various maintenance and repair vehicle visits, one to two deliveries per quarter.

6. Access to the Site

Employees and maintenance/repair vehicles will enter the site utilizing the main AADS entrance on American Avenue.

7. Number of Parking Spaces

Employees and visitors will utilize 2-4 spaces at a time

8. No Goods are sold onsite

9. Equipment Used

See nature of operations above

10. Supplies and Materials Used

LNG used to fuel onsite power generations, media and filters in CO₂/membrane/PSA and H₂S processing equipment is periodically replaced, compressor oil (stored in 55 gallon barrel with secondary spill containment).

11. Appearance

Industrial gas processing equipment and instruments interconnected with piping/electrical on racks around the site, including two flare stacks. Containerized generator sets including exhaust stacks.

12. Solid and Liquid wastes produced

Periodically used compressor and power generator engine oil disposed of offsite, LFG condensate will be disposed of offsite, and used media containing sulfur and carbon disposed of at the landfill.

13. Water Usage

No Landfill Gas Processing water usage, only for domestic use on site.

14. Signage

Small limited signage on office building.

15. New Buildings to be constructed.

Fabricated metal building divided consisting of a Control room, MMC room and office space.

16. Building Usage

Control room and office

17. Outdoor lighting and sound amplification

Pole lighting compatible with existing area.

18. Fencing

Security fencing around site compatible with existing site fencing.

19. Other info

20 Owner information

Developer Toro Energy of CA AA LLC, the applicant, is owned by West Coast RNG LLC in which both Toro and Colony Energy Partners LLC own an interest.



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

1. **Property Owner :** _____ **Phone/Fax** _____

Mailing

Address: _____

Street

City

State/Zip

2. **Applicant :** _____ **Phone/Fax:** _____

Mailing

Address: _____

Street

City

State/Zip

3. **Representative:** _____ **Phone/Fax:** _____

Mailing

Address: _____

Street

City

State/Zip

4. **Proposed Project:** _____

5. **Project Location:** _____

6. **Project Address:** _____

7. **Section/Township/Range:** _____ / _____ / _____

8. **Parcel Size:** _____

9. **Assessor's Parcel No.** _____

10. Land Conservation Contract No. (If applicable): _____

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

- | | |
|---|---|
| _____ LAFCo (annexation or extension of services) | _____ SJVUAPCD (Air Pollution Control District) |
| _____ CALTRANS | _____ Reclamation Board |
| _____ Division of Aeronautics | _____ Department of Energy |
| _____ Water Quality Control Board | _____ Airport Land Use Commission |
| _____ 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 _____ No

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

13. Existing Zone District¹: _____

14. Existing General Plan Land Use Designation¹: _____

ENVIRONMENTAL INFORMATION

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

Describe the major vegetative cover: _____

Any perennial or intermittent water courses? If so, show on map: _____

Is property in a flood-prone area? Describe:

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

North: _____

South: _____

East: _____

West: _____

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

18. What land use(s) in the area may impact your project?: _____

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** _____
Number of Salesmen _____
Number of Delivery Trucks _____
Total Square Footage of Building _____

III. **Describe and quantify other traffic generation activities:** _____

20. Describe any source(s) of noise from your project that may affect the surrounding area: _____

21. Describe any source(s) of noise in the area that may affect your project: _____

22. Describe the probable source(s) of air pollution from your project: _____

23. **Proposed source of water:**

() private well

() community system³ --name: _____

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, 2017: \$3,078.25 for an EIR; \$2,216.25 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.

Matt Schmitt

Applicant's Signature

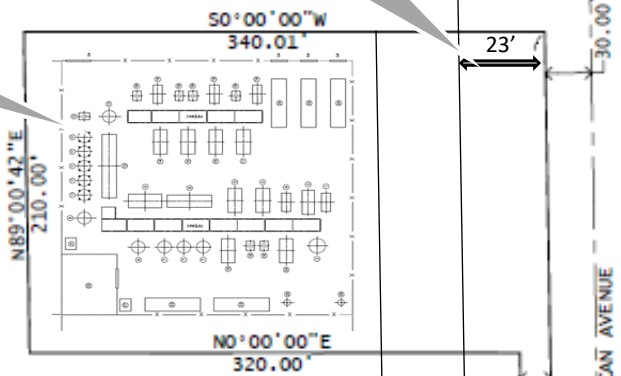
Date

EXHIBIT 1A



Lease Parcel Landfill
Gas Conditioning
System Improvements

Public Rd ROW

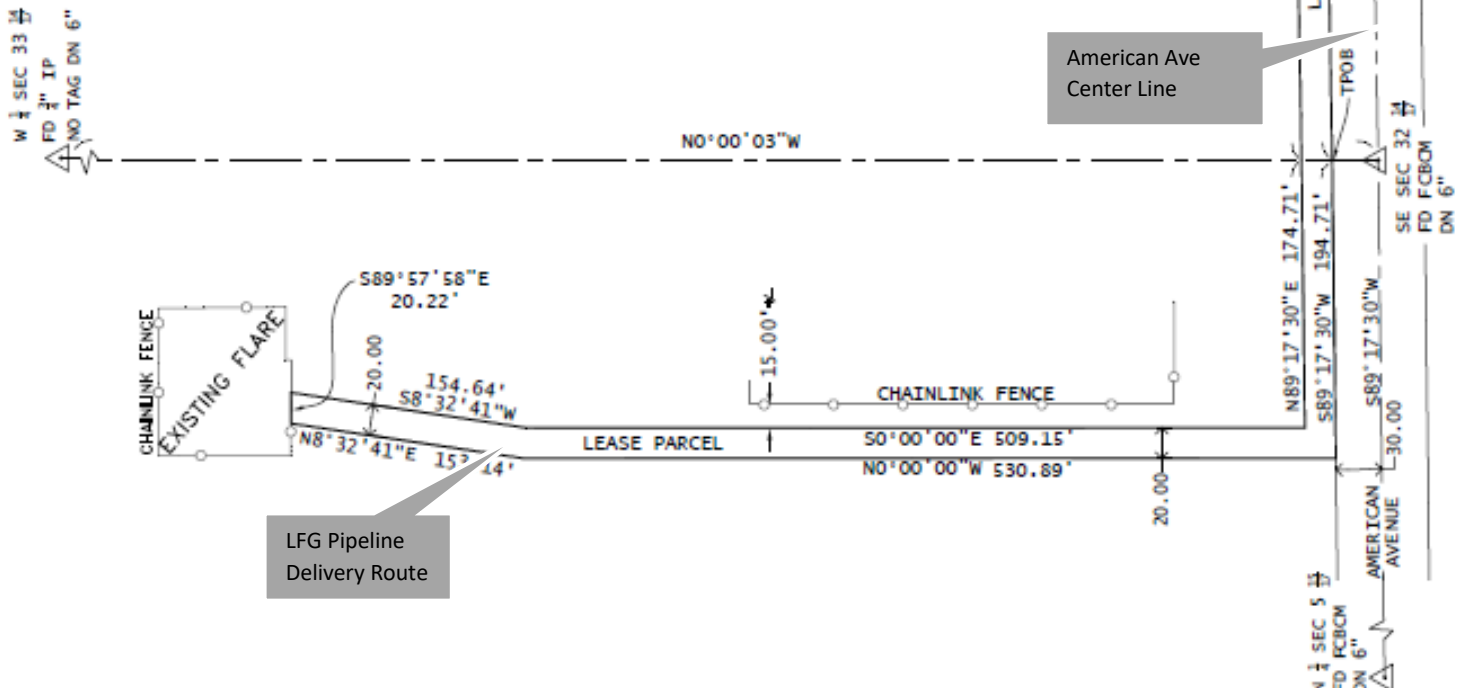


Improvements Setback

EXHIBIT 1A LEASE PARCEL PROPERTY DESCRIPTION:

COMMENCING at the Southeast Corner of Section 32, Township 14 South, Range 17 East, Mount Diablo Base and Meridian, according to the Official Government Plat thereof; THENCE N0°00'03"W, 30.00 feet to the North Line of the South 30 feet of said Section 32, said point also being the TRUE POINT OF BEGINNING; THENCE S89°17'30"W along said North Line, 194.71 feet; THENCE N00°00'00"W, 530.89 feet; THENCE N8°32'41"E, 153.14 feet; THENCE S89°57'58"E, 20.22 feet; THENCE S8°32'41"W, 154.64 feet; THENCE S00°00'00"E, 509.15 feet; THENCE N89°17'30"E, 174.71 feet; THENCE N89°00'42"E, 560.28 feet; THENCE N00°00'00"E, 320.00 feet; THENCE N89°00'42"E, 210.00 feet; THENCE S00°00'00"W, 340.01 feet to the North Line of the South 30 feet of Section 33, Township 14 South, Range 17 East, Mount Diablo Base and Meridian; THENCE S89°00'42"W along said North Line, 770.27 feet to the POINT OF BEGINNING.

Approximately 2.290 Acres



American Ave
Center Line

LFG Pipeline
Delivery Route

SURVEYED: LV, SA, CC	DATE: 08/23
DRAWN: LV, MM	DATE: 08/23
CHECKED: MM	DATE: 08/23



AMERICAN AVENUE
DISPOSAL SITE
LANDFILL GAS TO ENERGY
LEASE OPTION

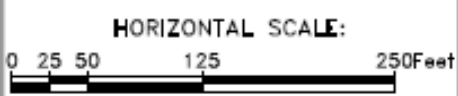


EXHIBIT 1A



EXHIBIT 1A LEASE PARCEL PROPERTY DESCRIPTION:

COMMENCING at the Southeast Corner of Section 32, Township 14 South, Range 17 East, Mount Diablo Base and Meridian, according to the Official Government Plat thereof; THENCE N0°00'03"W, 30.00 feet to the North Line of the South 30 feet of said Section 32, said point also being the TRUE POINT OF BEGINNING; THENCE S89°17'30"W along said North Line, 194.71 feet; THENCE N00°00'00"W, 530.89 feet; THENCE N8°32'41"E, 153.14 feet; THENCE S89°57'58"E, 20.22 feet; THENCE S8°32'41"W, 154.64 feet; THENCE S00°00'00"E, 509.15 feet; THENCE N89°17'30"E, 174.71 feet; THENCE N89°00'42"E, 560.28 feet; THENCE N00°00'00"E, 320.00 feet; THENCE N89°00'42"E, 210.00 feet; THENCE S00°00'00"W, 340.01 feet to the North Line of the South 30 feet of Section 33, Township 14 South, Range 17 East, Mount Diablo Base and Meridian; THENCE S89°00'42"W along said North Line, 770.27 feet to the POINT OF BEGINNING.

Approximately 2.290 Acres

W 1/4 SEC 33 14
FD 3" IP
NO TAG DN 6"

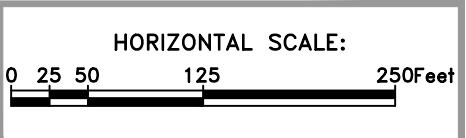
S 1/4 SEC 33 14
FD FCBCM
DN 6"

N 1/4 SEC 5
FD FCBCM
DN 6"

SURVEYED: LV, SA, CC	DATE: 08/23
DRAWN: LV, MM	08/23
CHECKED: MM	08/23

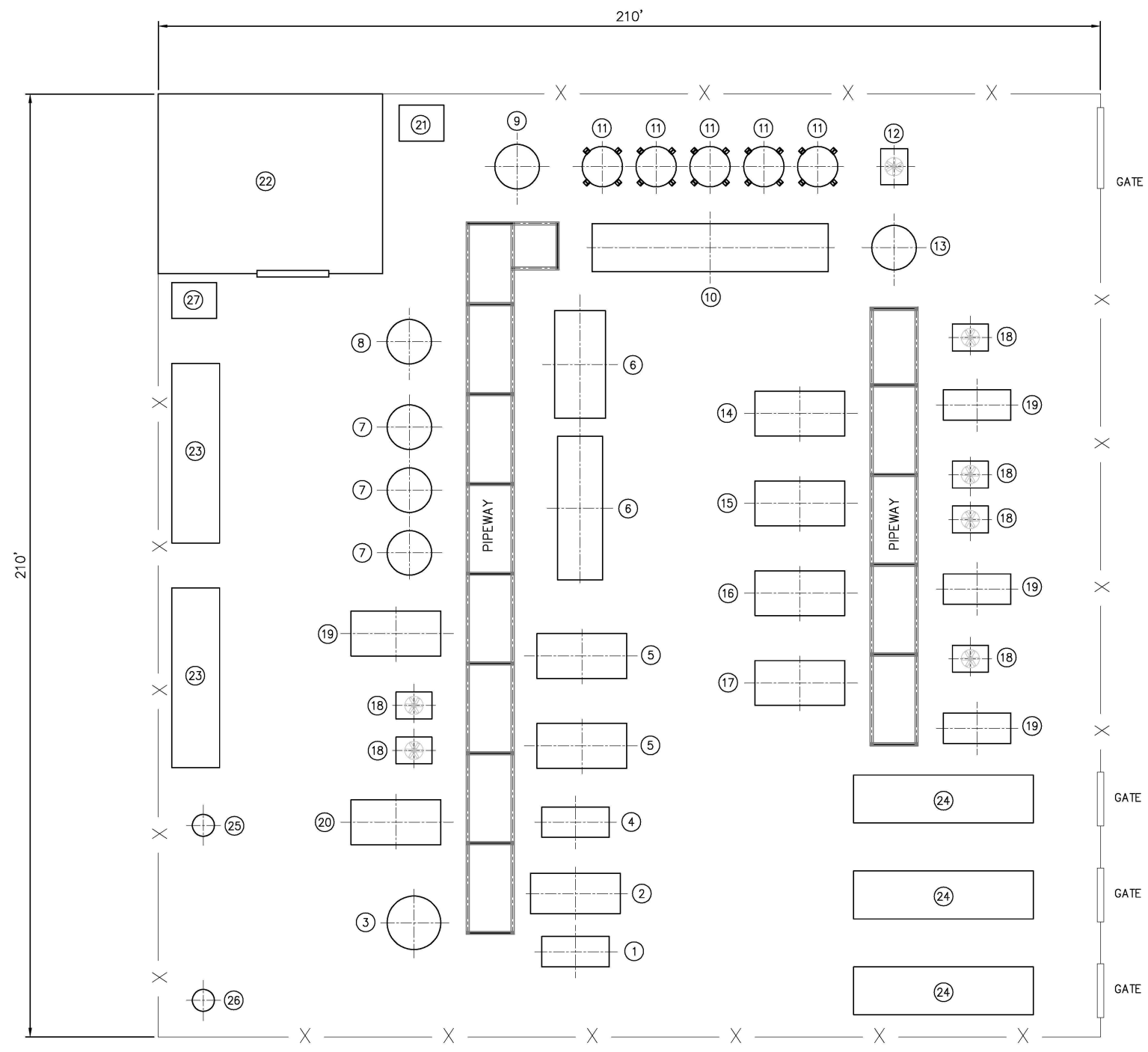


AMERICAN AVENUE
DISPOSAL SITE
LANDFILL GAS TO ENERGY
LEASE OPTION

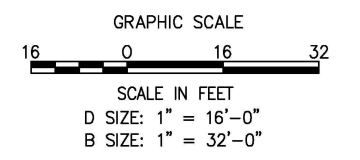


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

A
B
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D
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J



NO	EQUIPMENT DESCRIPTION
1	BLOWER SKID
2	BLOWER COOLER
3	H2S VESSEL
4	CHILLER SKID
5	FEED COMPRESSORS
6	AIR LIQUIDE SKIDS
7	AIR LIQUIDE ACTIVATED CARBON VESSELS
8	CO2 PRODUCT BUFFER VESSEL
9	N2 TAIL GAS BUFFER VESSEL
10	N2 PSA VALVE SKID
11	N2 ADSORBER VESSELS
12	PRODUCT GAS COOLER
13	PRODUCT GAS BUFFER TANK
14	N2 VACUUM COMPRESSOR
15	N2 RECYCLE COMPRESSOR
16	PRODUCT GAS COMPRESSION STAGE 1
17	PRODUCT GAS COMPRESSION STAGE 2
18	OIL COOLERS
19	GAS COOLERS
20	CHILLER CONDENSER
21	PLANT AIR COMPRESSOR
22	POWER DISTRIBUTION CENTER
23	ENGINE/GENERATOR
24	NATURAL GAS UNLOADING BAYS
25	THERMAL OXIDIZER
26	OFF-SPEC GAS FLARE
27	TRANSFORMERS



FOR PROPOSAL			
NO.	REVISION	DATE	PROJECT DATE:
			04/23/23
			SCALE: AS SHOWN
			DRAWING NO. G-100

E:\Proposals and Pending Jobs\90000001.06 American Avenue Landfill\General\G-100.dwg Aug 11, 2023 - 7:09am By: dlozarra

SCS ENERGY

3900 KILROY AIRPORT WAY
LONG BEACH, CA 90806
(562) 428-9544

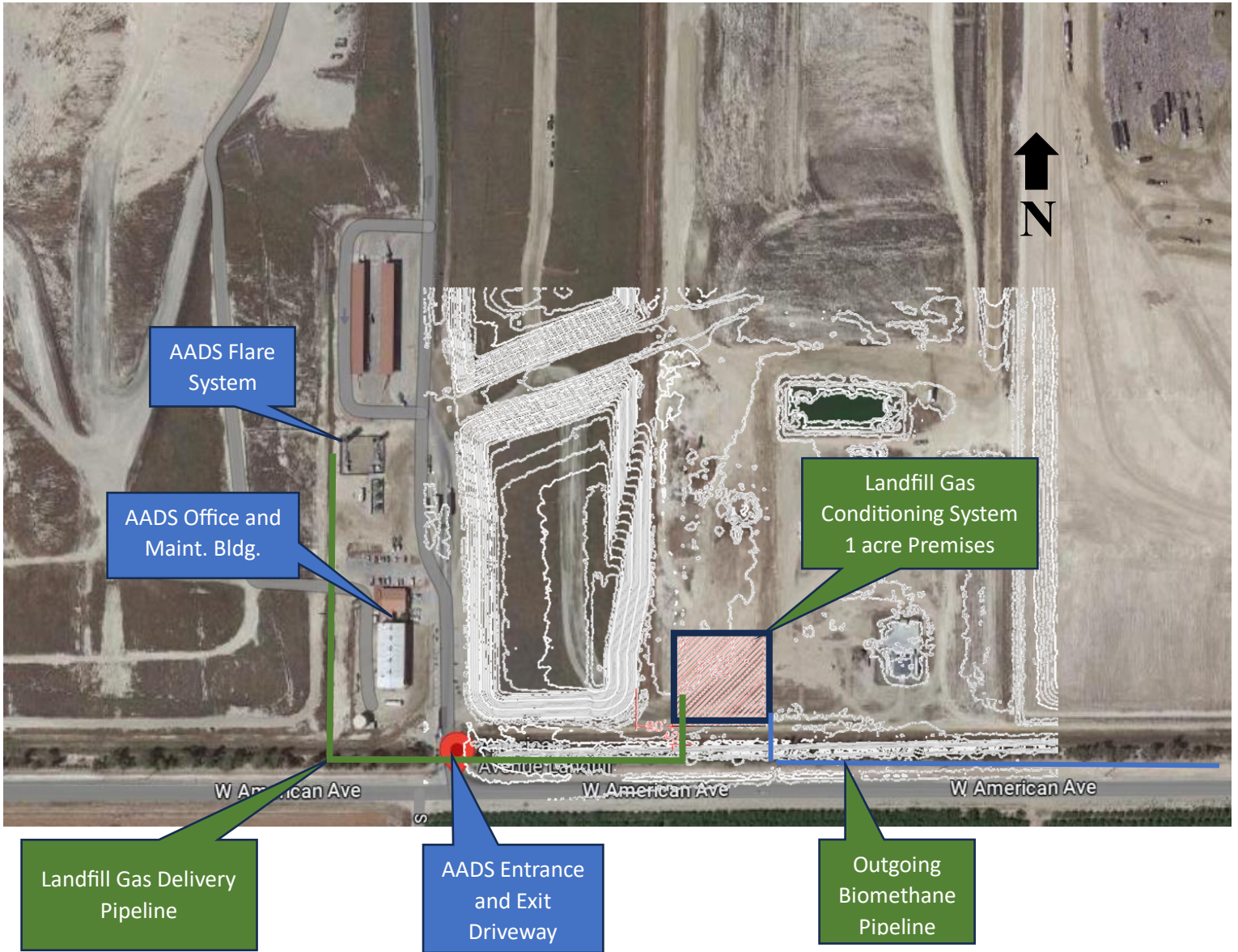
CLIENT
COLONY ENERGY PARTNERS

PROJ. NO. 90000001.06	DWN. BY: DL	ACAD FILE:
DSN. BY: DL	CHK. BY: JP	APP. BY: JP

SHEET TITLE
GENERAL ARRANGEMENT PLAN

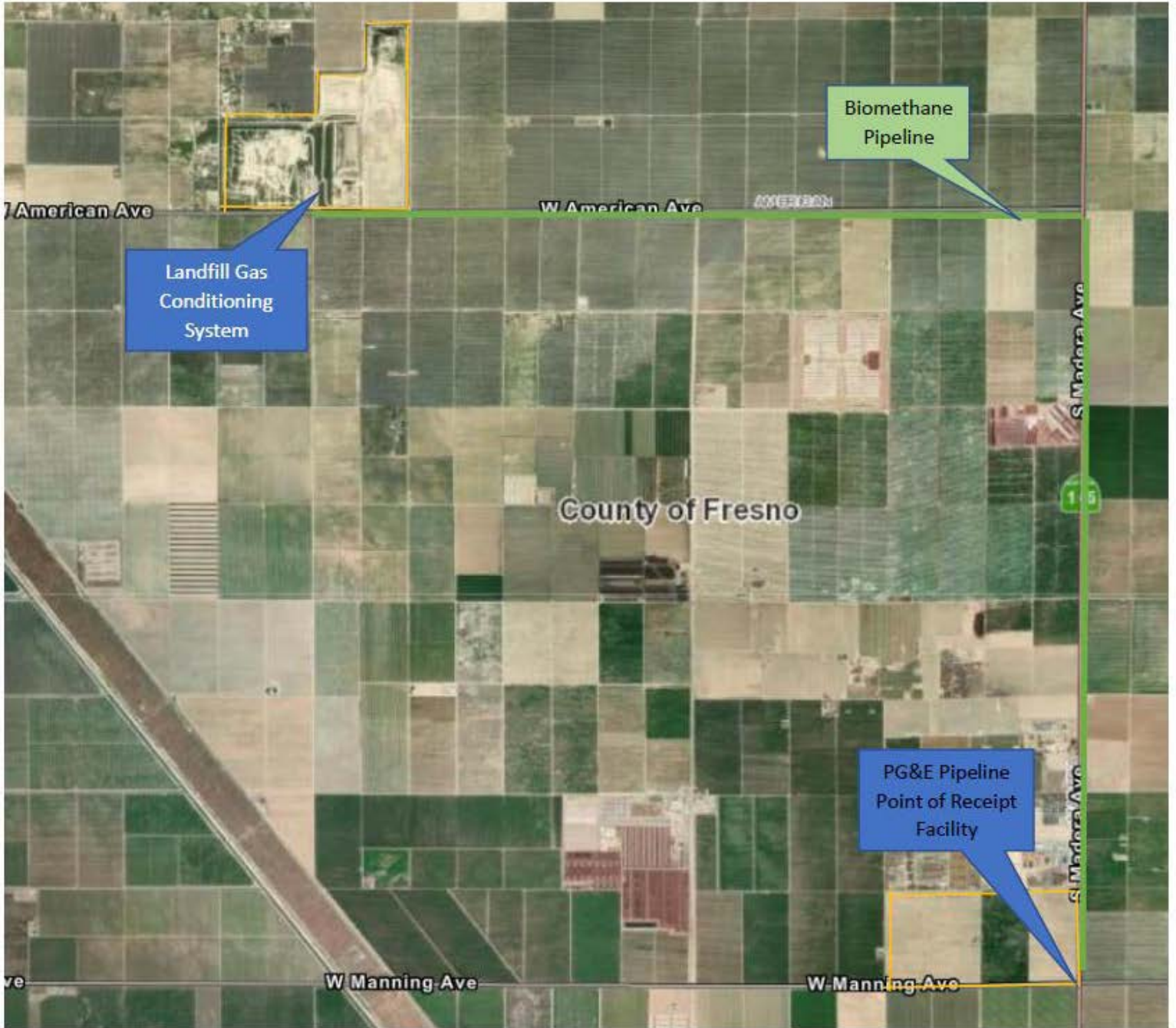
PROJECT TITLE
**AMERICAN AVENUE LANDFILL
RNG PLANT**

Toro AADS LFGTE Site Plan



Scale | 200ft |

Toro American Avenue Landfill Gas PG&E Pipeline Point of Receipt location

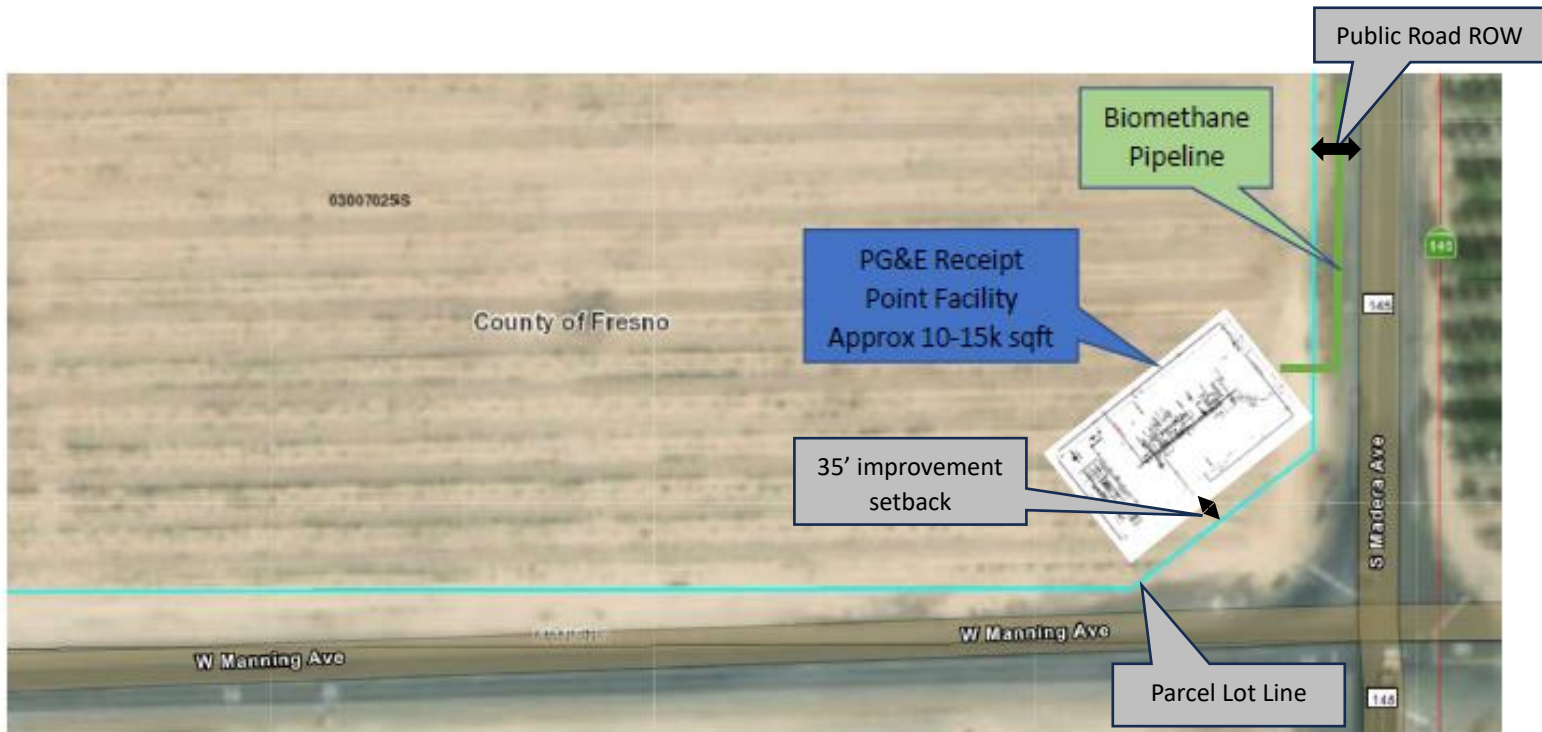


AP # 030-070-25S

Owner: UPPAL AMRIK & JASWINDER SALHOTRA PREM P

Mailing Address: 5918 N Caspian Ave Fresno CA 93723

Parcel Address: 15502 W Manning Kerman CA 9360





County of Fresno

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

DATE: March 30, 2023

TO: Department of Public Works and Planning, Attn: Steven E. White, Director
Department of Public Works and Planning, Attn: Bernard Jimenez,
Planning and Resource Management Officer
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, Attn: Tawanda Mtunga,
Principal Planner
Development Services and Capital Projects, Current/Environmental
Planning, Attn: David Randall, Senior Planner
Development Services and Capital Projects, Policy Planning, Attn:
Mohammad Khorsand, Senior Planner
Development Services and Capital Projects, Zoning & Permit Review,
Attn: James Anders, Senior Planner/Daniel Gutierrez, Senior
Planner
Development Services and Capital Projects, Development Engineering,
Attn: Laurie Kennedy, Office Assistant III
Water and Natural Resources Division, Attn: Augustine Ramirez, Division
Manager
Water and Natural Resources Division, Attn: Roy Jimenez, Senior Planner
Water and Natural Resources Division, Transportation Planning, Attn:
Hector Luna, Senior Planner
Water and Natural Resources Division, Community Development, Attn:
Yvette Quiroga, Principal Planner
Design Division, Attn: Mohammad Alimi, Division Manager;
Erin Haagenson, Principal Staff Analyst
Resources Division, Attn: Daniel Amann, Interim Division Manger
Resources Division, Special Districts, Attn: Christopher Bump, Principal
Staff Analyst,
Road Maintenance and Operations Division, Attn: Wendy Nakagawa,
Supervising Engineer
Department of Public Health, Environmental Health Division, Attn: Deep
Sidhu, Supervising Environmental Health Specialist; Kevin Tsuda,
Environmental Health Specialist;
U.S. Fish and Wildlife Service, San Joaquin Valley Division,
Attn: Matthew Nelson
CA Regional Water Quality Control Board, Attn:
centralvalleyfresno@waterboards.ca.gov
CA Department of Fish and Wildlife, Attn: R4CEQA@wildlife.ca.gov
State Water Resources Control Board, Division of Drinking Water, Fresno District,
Attn: Cinthia Reyes
Dumna Wo Wah Tribal Government, Attn: Robert Ledger, Tribal Chairman/Eric
Smith, Cultural Resources Manager/Chris Acree, Cultural Resources Analyst

Picayune Rancheria of the Chukchansi Indians, Attn: Heather Airey/Cultural Resources Director
Santa Rosa Rancheria Tachi Yokut Tribe, Attn: Ruben Barrios, Tribal Chairman, Director/Shana Powers, Cultural Specialist II
Table Mountain Rancheria, Attn: Robert Pennell, Cultural Resources Director
San Joaquin Valley Unified Air Pollution Control District (PIC-CEQA Division), Attn: PIC Supervisor
North Central Fire Protection District, Attn: George D. Mavrikis
Fresno County Fire Protection District, Attn: FKU.prevention-planning@fire.ca.gov

FROM: Ejaz Ahmad, Planner
Development Services and Capital Projects Division

SUBJECT: Initial Study Application No. 8380, Unclassified Conditional Use Permit Application No. 3762

APPLICANT: Toro of California AA. LLC

DUE DATE: April 13, 2023

The Department of Public Works and Planning, Development Services and Capital Projects Division is reviewing the subject application proposing to allow the construction and operation of a landfill gas conditioning system on an approximately 21,000 square feet portion of a 78-acre Fresno County landfill site (Assessor Parcel Number 020-210-35ST) and an 8-mile pipeline route within road rights-of-ways along American Ave and State Route 145 (Madera Avenue) to the PG&E interconnection Receipt Point facility on an approximately 10,000 square feet portion of a 313.6-acre parcel (Assessor parcel Number 030-070-25S).

The Department is also reviewing the project 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 13, 2023**. 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, Ejaz Ahmad, 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) 600-4204, or email eahmad@fresnocountyca.gov

EA
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Activity Code (Internal Review):2432

Enclosures



Fresno County Department of Public Works and Planning

Date Received:

(Application No.)

MAILING ADDRESS:

Department of Public Works and Planning
Development Services 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
Toll Free: 1-800-742-1011 Ext. 0-4497

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:

Allow the construction and operation of a landfill gas conditioning system and pipeline to receipt point facility in the AE-20 Zone District.

CEQA DOCUMENTATION: 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: side of between and

Street address: 18950 West American Avenue, Kerman, CA93630

APN: 020-210-35ST Parcel size: 0.34 Acre Section(s)-Twp/Rg: S 32 - T 14 S/R 17 E

ADDITIONAL APN(s):

I, Matt Schmitt, 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: County of Fresno, Address, City, Zip, Phone. Rows include Owner (2220 Tulare Street, Fresno), Applicant (2151 Michelson Dr, Irvine), and Representative (2151 Michelson Dr, Irvine).

CONTACT EMAIL: Matt@ColonyEnergyPartners.com

OFFICE USE ONLY (PRINT FORM ON GREEN PAPER)

Application Type / No.: CUP(U) 3762 Fee: \$ 9,123.00
PER/Initial Study No.: IS 8380 Fee: \$ 5,151.00
Ag Department Review: Fee: \$ 992.00
Health Department Review: Fee: \$ 93.00
Received By: EJM Invoice No.: TOTAL: \$ 15,359.00

UTILITIES AVAILABLE:

WATER: Yes [] / No [x]
Agency: _____

SEWER: Yes [] / No [x]
Agency: _____

STAFF DETERMINATION: This permit is sought under Ordinance Section:

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

Related Application(s): _____

APN # _____ - _____ - _____

Zone District: _____

APN # _____ - _____ - _____

Parcel Size: _____

APN # _____ - _____ - _____

APN # _____ - _____ - _____



Development Services
and
Capital Projects
Division

Email to:

Pre-Application Review

Department of Public Works and Planning

NUMBER: 21-004394
APPLICANT: County of Fresno
PHONE: _____

PROPERTY LOCATION: 18950 W American Avenue, Kerman
APN(s): 020-210-35ST ALCC: No Yes # _____ VIOLATION NO. None
CNEL: No Yes _____ (level) LOW WATER: No Yes _____ WITHIN 1/2 MILE OF CITY: No Yes _____
ZONE DISTRICT: AE-20; SRA: No Yes _____ HOMESITE DECLARATION REQ'D.: No Yes _____
LOT STATUS: _____

Zoning: Conforms; () Legal Non-Conforming lot; () Deed Review Req'd (see Form #236)
Merger: May be subject to merger: No Yes _____ ZM# _____ Initiated _____ In process _____
Map Act: () Lot of Rec. Map; On '72 rolls; () Other _____; () Deeds Req'd (see Form #236)
SCHOOL FEES: No Yes _____ DISTRICT: _____ PERMIT JACKET: No _____ Yes
FMFCD FEE AREA: Outside () District No.: _____ FLOOD PRONE: No Yes _____
PROPOSAL UCUP to allow the operation of a Landfill Gas Conditioning System and pipeline to receipt point facility.

COMMENTS: Location of pipeline receipt point facility has not been identified at this time - to be located on private property.
ORD. SECTION(S): 853-B.19 BY: James Anders DATE: 5/6/2021

GENERAL PLAN POLICIES:

LAND USE DESIGNATION: AGRICULTURE () GPA: _____
COMMUNITY PLAN: _____ () JAA: _____
REGIONAL PLAN: _____ () CUP: \$ 9,123.00
SPECIFIC PLAN: _____ () DRA: _____
SPECIAL POLICIES: _____ () JA: _____
SPHERE OF INFLUENCE: _____ () JAT: _____
ANNEX REFERRAL (LU-G17/MOU): _____ () JT: _____

PROCEDURES AND FEES:

() MINOR VA: _____
() HD: \$ 912.00
() AG COMM: \$ 93.00
() ALCC: _____
() IS/PER*: \$ 5,151.00
() Viol. (35%): _____
() Other: _____
Filing Fee: \$ _____
Pre-Application Fee: -\$247.00
Total County Filing Fee: \$ 15,359.00

COMMENTS: _____

FILING REQUIREMENTS:

- Land Use Applications and Fees
- This Pre-Application Review Form
- Copy of Deed / Legal Description
- Photographs
- Letter Verifying Deed Review
- IS Application and Fees* * Upon review of project materials, an Initial Study (IS) with fees may be required.
- Site Plans - 4 copies (folded to 8.5"x11") + 1 - 8.5"x11" reduction
- Floor Plan & Elevations - 4 copies (folded to 8.5"x11") + 1 - 8.5"x11" reduction
- Project Description / Operational Statement (Typed)
- Statement of Variance Findings
- Statement of Intended Use (ALCC)
- Dependency Relationship Statement
- Resolution/Letter of Release from City of _____

OTHER FILING FEES:

- Archaeological Inventory Fee: \$75 at time of filing
(Separate check to Southern San Joaquin Valley Info. Center)
- CA Dept. of Fish & Wildlife (CDFW): (\$50+\$2,480.25)
(Separate check to Fresno County Clerk for pass-thru to CDFW.
Must be paid prior to IS closure and prior to setting hearing date.)

BY: Ejaz Ahmad Referral Letter # _____
PHONE NUMBER: (559) 600-4204 DATE: 05/06/21

NOTE: THE FOLLOWING REQUIREMENTS MAY ALSO APPLY:

- COVENANT
- MAP CERTIFICATE
- PARCEL MAP
- FINAL MAP
- FMFCD FEES
- ALUC or ALCC
- SITE PLAN REVIEW
- BUILDING PLANS
- BUILDING PERMITS
- WASTE FACILITIES PERMIT
- SCHOOL FEES
- OTHER (see reverse side)

PLU # 113 Fee: \$247.00
Note: This fee will apply to the application fee
if the application is submitted within six (6)
months of the date on this receipt.

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. 8380

Project No(s) CWP 3762

Application Rec'd.:

GENERAL INFORMATION

1. **Property Owner :** County of Fresno **Phone/Fax:** 559-600-4497/ 559-600-4200

Mailing

Address: 2220 Tulare Street, Sixth Floor Fresno CA/93721
Street City State/Zip

2. **Applicant :** Toro of California AA, LLC **Phone/Fax:** 949-842-4827

Mailing

Address: 2151 Michelson Dr, Suite 164 Irvine CA/92612
Street City State/Zip

3. **Representative:** Toro of California AA LLC **Phone/Fax:** 949-842-4827

Mailing

Address: 2151 Michelson Dr, Suite 164 Irvine CA/92612
Street City State/Zip

4. **Proposed Project:** The Project will process Landfill Gas ("LFG") onsite to remove generate pipeline grade renewable gas ("RNG") at American Avenue Disposal Site ("AADS") located at 18950 W American Avenue, Kerman CA 93630.

The landfill gas will be transported through a new 8 Mi underground pipeline and injected into an existing PG&E pipeline.

5. **Project Location:** The American Avenue Disposal Site

6. **Project Address:** 18950 West American Avenue, Kerman, CA93630

7. **Section/Township/Range:** 32 / 14 S / 17 E 8. **Parcel Size:** 0.34 Acre

9. **Assessor's Parcel No.** 020-210-35ST

10. Land Conservation Contract No. (If applicable): NA

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	<input type="checkbox"/>	

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 No

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

13. Existing Zone District¹: AE20

14. Existing General Plan Land Use Designation¹: Exclusive Agricultural

ENVIRONMENTAL INFORMATION

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

The physical improvements include the construction and operation of a new Landfill Gas conditioning System (LFGCS) on up to 0.5 acres within the landfill.

8 miles of new underground gas pipeline in county road row.

Describe the major vegetative cover: None

Any perennial or intermittent water courses? If so, show on map: No

Is property in a flood-prone area? Describe:

No

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?** The project is designed to support the landfill and will not have an impact on landfill operations. The pipeline will be underground and not affect landuse, other than during construction.

18. **What land use(s) in the area may impact your project?** NA

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	<u>None</u>
Lot Size	<u>None</u>
Single Family	<u>None</u>
Apartments	<u>None</u>

II. Commercial - Number of Employees	<u>2</u>
Number of Salesmen	<u>0</u>
Number of Delivery Trucks	<u> </u>
Total Square Footage of Building	<u> </u>

III. **Describe and quantify other traffic generation activities:** No traffic generating activities

20. **Describe any source(s) of noise from your project that may affect the surrounding area:** the project includes
low gas compressors on the existing landfill operation. Typically the equipment would have a noise rating of 65 dBA. Given location and design characteristics, off-site noise impacts should be minimal.

21. **Describe any source(s) of noise in the area that may affect your project:** NA

22. **Describe the probable source(s) of air pollution from your project:** Construction of LFGCS and the new pipeline - Temporary.
The fuel cleanup roads will require periodic repaving (via dustsuppression) to minimize Crude oil and HAP emissions, and lower than existing mining operations. Continuous Supplemental LFG for pipe right on flow.

23. **Proposed source of water:**
 private well
 community system³--name: NA

24. Anticipated volume of water to be used (gallons per day)²: NA
25. Proposed method of liquid waste disposal:
 septic system/individual
 community system³-name Treated on site if necessary for offsite disposal
26. Estimated volume of liquid waste (gallons per day)²: 50 gallons/minute LFG condensate
27. Anticipated type(s) of liquid waste: Used compressor oil
28. Anticipated type(s) of hazardous wastes²: Used compressor oil
29. Anticipated volume of hazardous wastes²: Approximately 55 Gallons
30. Proposed method of hazardous waste disposal²: Offsite disposal.
31. Anticipated type(s) of solid waste: Gas Conditioning System used media containing sulfur and carbon.
32. Anticipated amount of solid waste (tons or cubic yards per day): Solid waste is carbon material from GCS and very infrequent
33. Anticipated amount of waste that will be recycled (tons or cubic yards per day): 0
34. Proposed method of solid waste disposal: Landfill
35. Fire protection district(s) serving this area: North Central Fire Protection District
36. Has a previous application been processed on this site? If so, list title and date: No
37. Do you have any underground storage tanks (except septic tanks)? Yes _____ No
38. If yes, are they currently in use? Yes _____ No

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

Matt Schmitt

Digitally signed by Matt Schmitt
Date: 2023.02.28 10:28:37 -08'00'

2/28/2023

SIGNATURE

DATE

¹Refer to Development Services Conference Checklist

²For assistance, contact Environmental Health System, (559) 600-3357

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

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, 2017: \$3,078.25 for an EIR; \$2,216.25 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.

Matt Schmitt

Digitally signed by Matt Schmitt
Date: 2023.03.01 12:07:10
-08'00'

Applicant's Signature

2/28/2023

Date



Operational Statement

County of Fresno AADS Landfill Gas to Energy Project (“AALFGTE”)

Applicant: Toro of California AA, LLC

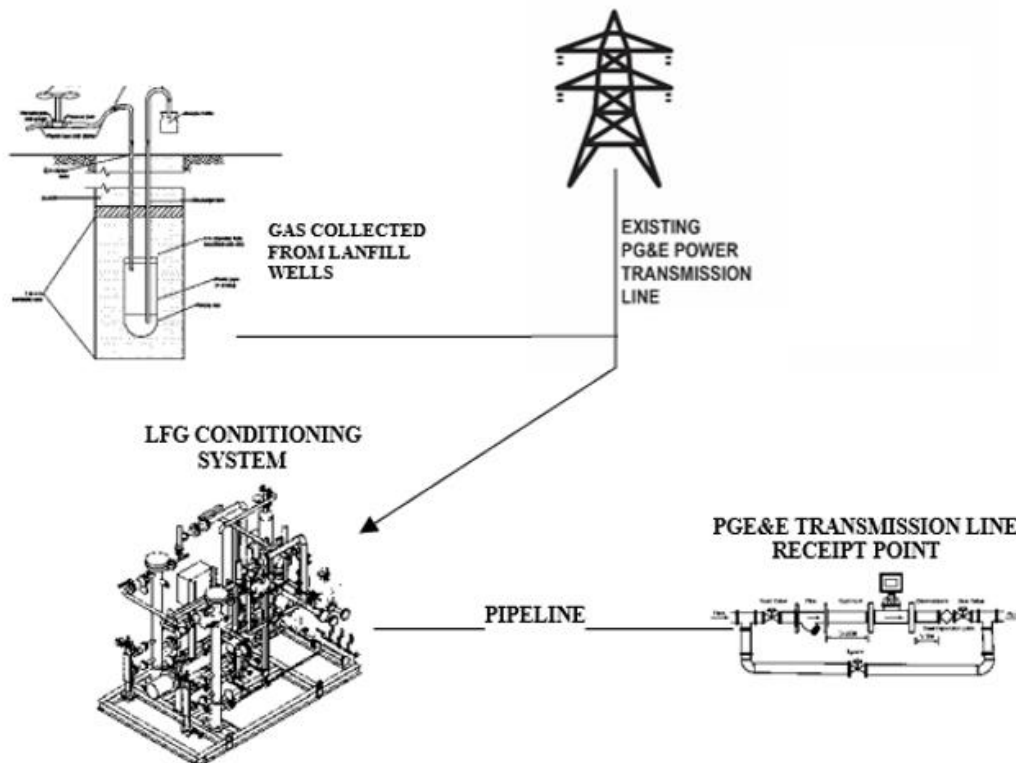
Owner: County of Fresno

Assessor’s Parcel No: 020-210-35ST

Area: Located within the AADS Property, approximately 21,000 square feet area to construct the Landfill Gas Conditioning System (“LFGCS”) and an 8-mile pipeline route along County Road easement to the PG&E interconnection Receipt Point Facility on a 10,000 square foot area.

Address: 18950 W. American Avenue, Kerman, CA

Proposal: Allow for the construction and operation of a landfill gas conditioning system (“LFGCS”) and a LFG pipeline to a receipt point facility in AE-20 Zone District.



Project Background

The organic decomposition of municipal solid waste in landfills results in the generation LFG consisting primarily of methane (25-50%), carbon dioxide (25-50%), nitrogen and trace amounts of VOC and siloxane gases. Currently AADS burn off the LFG via flare and the County, and the Implementation of a LFGTE Project will reduce the use of the flare system and generate a new source of revenue for the County respective enterprise fund. As such, the Board of Supervisors adopted a resolution #_____ in April 2022 to enter into a Revenue Agreement with Toro of California AA, LLC whereby the County will sell LFG to Toro with Toro having the responsibility to develop, finance and operate the LFGTE Project.

1. Nature of the Operation

The LFGCS will be located on an approximately 15,000 square foot leased portion of AADS property adjacent to the LFG flare system plus additional space to run utilities to the street. LFG will be routed to the LFGCS from just prior to the flare stack. The proposed equipment will be designed to process initially approximately 2,100 standard cubic feet per minute (“SCFM”) of LFG as shown in the process flow diagram attached, and eventually a peak volume over 4,000 scfm. The existing inlet blower (owned by the County) will provide vacuum on the field and deliver gas to the LFGCS at 0 psig. The gas will be initially compressed to 5 psig using an inlet blower. The blower will be protected by an inlet separator and will be followed by an aftercooler and separator for removing water generated by compression.

AADS Project Site Overview



H2S Treatment

A lead-lag carbon treatment will be utilized to remove the H₂S from the gas. The carbon system will be able to treat down 4 ppm. The carbon media will be replaced as required by manufacturer recommendations and will be taken off-site for disposal.

First Stage Compression

The gas will then be compressed to approximately 210 psig using flooded screw compressors. Both oil and the compressed gas will be cooled by an air aftercooler.



Picture 2 – Chiller & Dryer Skid

NMOC PSA

Non-methane organic compounds (NMOCs) will be removed by the two bed Pressure Swing Absorption (“PSA”). One bed will treat the gas while the second bed is regenerated by providing a vacuum on the bed. CO₂ from the membrane permeate will be heated and used for bed regeneration. The CO₂ will then be routed to a thermal oxidizer.

Carbon Guard Beds

A lead-lag system will be installed after the PSA to remove any compounds that are not removed by the NMOC PSA. The beds will use activated carbon for removal of NMOCs before the membranes.

Membranes

A membrane system will be installed after the guard beds to remove carbon dioxide from the biogas. The membrane will be a two-stage system. The first stage permeate will be vented to atmosphere and the retentate will be heated and continue to second stage. The second stage retentate will continue to final compressor and the second stage permeate will be recycled to the inlet of the first stage compressors.



NITROGEN PSA

Nitrogen will be removed using a two bed PSA. One bed will adsorb the Methane while the other is regenerated using the vacuum pump(s). The recovered methane from the regenerated vessel will be conveyed to final compression.



Final Compression

The lateral compression system will be designed to compress gas from 20 psig to approximately 650 psig. Compression will be a single flooded screw compressor. The oil and the compressed gas will be cooled by an air aftercooler.

Startup and Upset Flare

The system will use either the existing County flares during startup and system upsets or install a new flare. Gas will be routed to the flares during system upsets and during system startup. Gas will also be sent to these flares when the upgrading system is not online. The flares will require a constant propane pilot, so gas can be immediately routed to the flares at any point in operation.

Thermal Oxidizer

A thermal oxidizer will be installed to combust CO₂ and N₂ from both the membranes and the Nitrogen PSA. This is low BTU gas and the flare will require supplemental fuel (propane) to keep the thermal oxidizer up to temperature.

Final Site Metering

The final metering system will include a gas chromatograph for measuring methane, carbon dioxide, and nitrogen levels in the gas. There will also be additional analyzers for measuring oxygen, water, and hydrogen sulfide levels. If any constituent is out of specification, the gas will automatically be diverted to the flare. Product gas will be delivered to the project lateral pipeline.

Lateral Pipeline

The product gas will be injected into a new pipeline that runs from across American Ave at the Project site east approximately 4 miles to the intersection of American Ave and Madera Ave where it will then travel south along Madera Avenue approximately 4 miles to a PG&E Receipt Point located at the intersection of Manning and Madera Ave. The new pipeline will utilize the County Road utility right of way under a private pipeline Franchise Agreement.

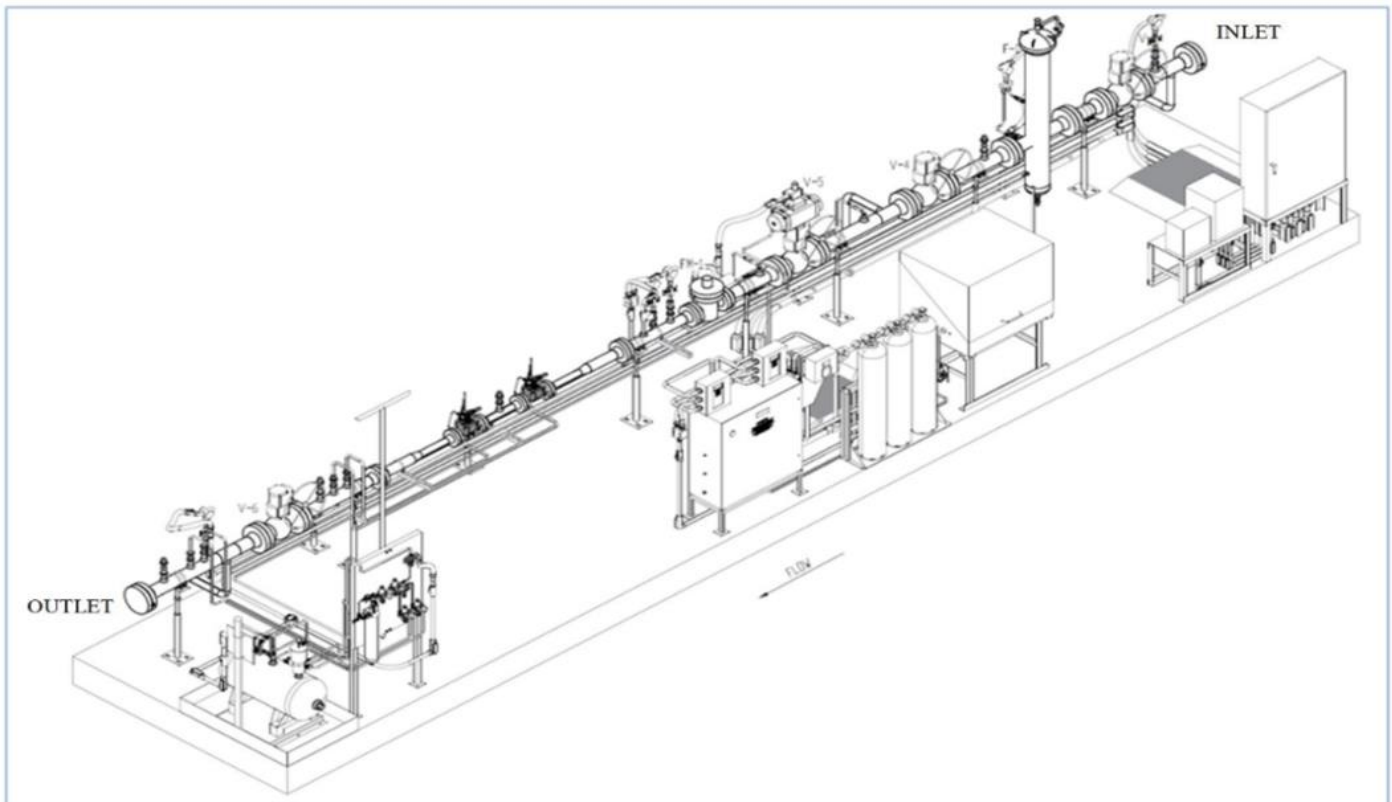
Booster Compression

Due to the lateral pipeline MAOP (650 psig) being less than the PG&E transmission pipeline MAOP (700 psig) a booster compressor will be required at the interconnect Receipt Point. Compression will be a single flooded screw compressor. The oil and the compressed gas will be cooled by an air aftercooler.

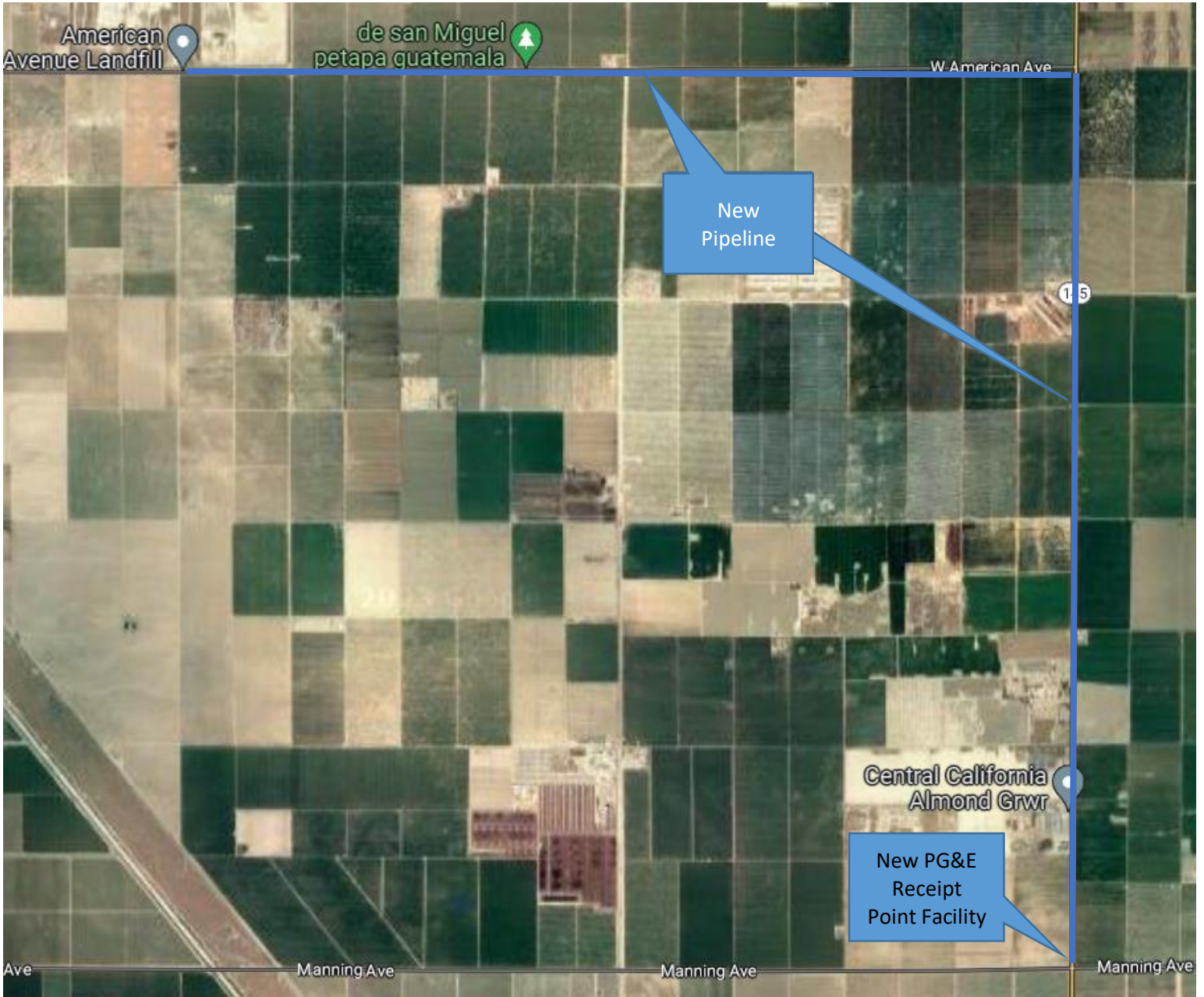
PG&E Receipt Point Facilities

At the PG&E Receipt Point, located at the north west corner of Manning and Madera Ave, a PG&E will construct own and operate a new facility to meter, quality measure and odorize the transition of the

Product Gas to the PG&E transmission pipeline. The facility will be constructed on up to 10,000 sqft of property mostly on Private Land. The Receipt Point Facility will also be designed and constructed to allow for direct injection of compressed Product Gas via tube trailer delivered by truck. The delivery of compressed Product Gas will be will meet all California Highway Patrol, Department of Transportation and the California Environmental Protection Agency regulations for the handling and transportation of the product gas. Power will be delivered to the receipt point facilities through the PG&E power lines that run along Manning or Madera Ave.



Project Pipeline Map



2. Operational time limits

The Project will operate 24/7 365 days per year except for planned and unplanned maintenance and repair.

3. Number of customer/visitors

There are no regularly planned visitors or customers.

4. Employees

There will be two full time employee/technicians that will operate the LFGCS.

5. Service / Delivery Vehicles

There will be various maintenance and repair vehicle visits, one to two deliveries per quarter.

6. Access to the Site

Employees and maintenance/repair vehicles will enter the site utilizing the main AADS entrance on American Avenue and park at the existing AADS employee parking lot that's adjacent to the AADS office and LFGCS.

7. Number of Parking Spaces

Employees and visitors will utilize the existing paved ADDS parking lot adjacent to the LFGCS expected to be no more than 2 spaces at a time

8. No Goods are sold onsite

9. Equipment Used

See nature of operations above

10. Supplies and Materials Used

Media and filters in CO₂/membrane/PSA and H₂S processing equipment is periodically replaced, compressor oil (stored in 55-gallon barrel with secondary spill containment).

11. Appearance

Industrial gas processing equipment and instruments interconnected with piping/electrical on racks around the site, including two flare stacks.

12. Solid and Liquid wastes produced

Periodically used compressor oil disposed of offsite, LFG condensate treated if required to meet offsite disposal requirements, and used media containing sulfur and carbon disposed of at the landfill.

13. Water Usage

No Landfill Gas Processing water usage, only for domestic use on site.

14. Signage

Small limited signage on office building.

15. New Buildings to be constructed.

Fabricated metal building divided consisting of a Control room, MMC room and office space.

16. Building Usage

Control room and office

17. Outdoor lighting and sound amplification

Pole lighting compatible with existing area.

18. Fencing

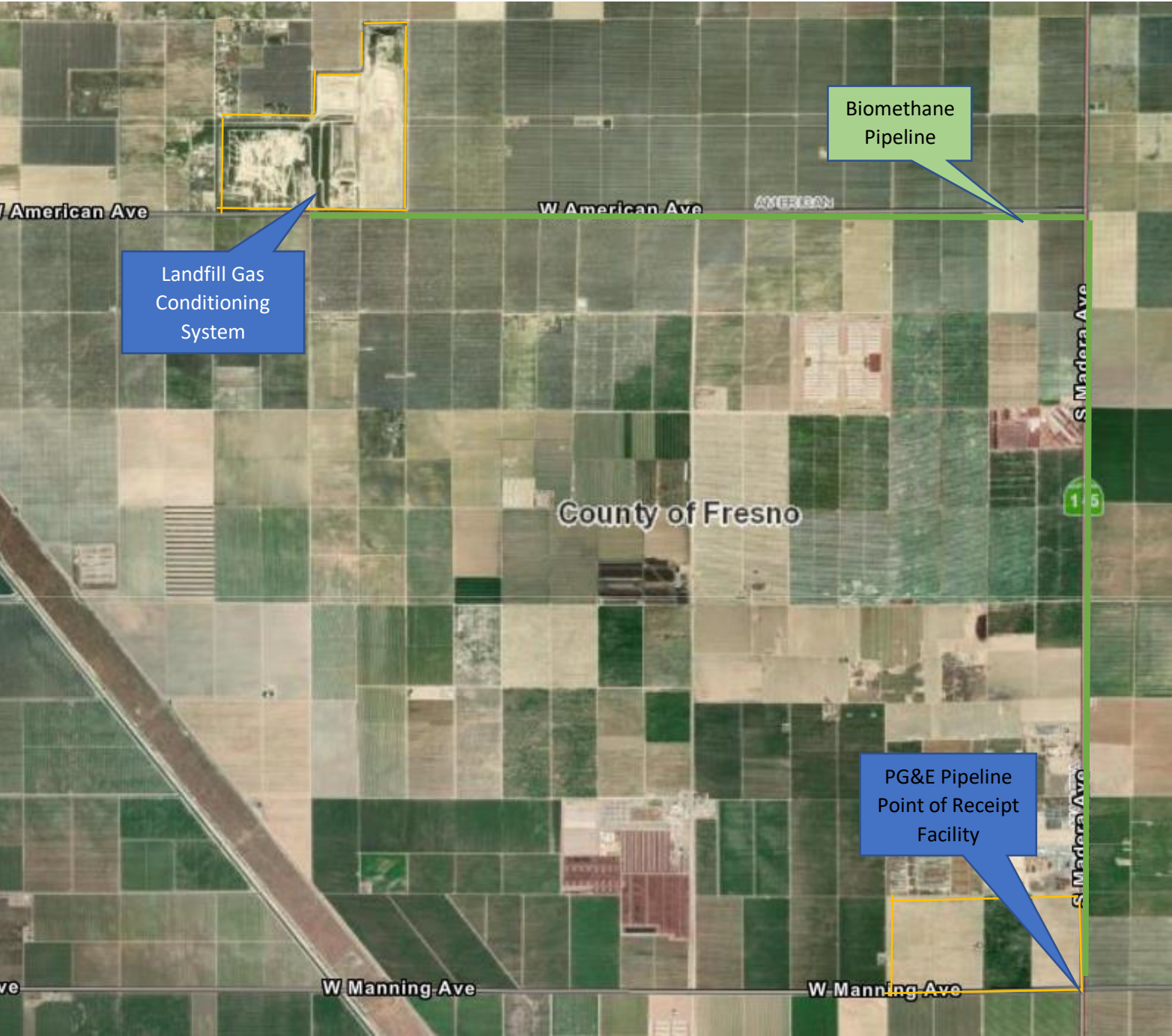
Security fencing around site compatible with existing site fencing.

19. Other info

20 Owner information

Developer Toro of CA AA LLC, the applicant, is owned by West Coast RNG LLC in which both Toro and Colony Energy Partners LLC own an interest.

Toro American Avenue Landfill Gas PG&E Pipeline Point of Receipt location

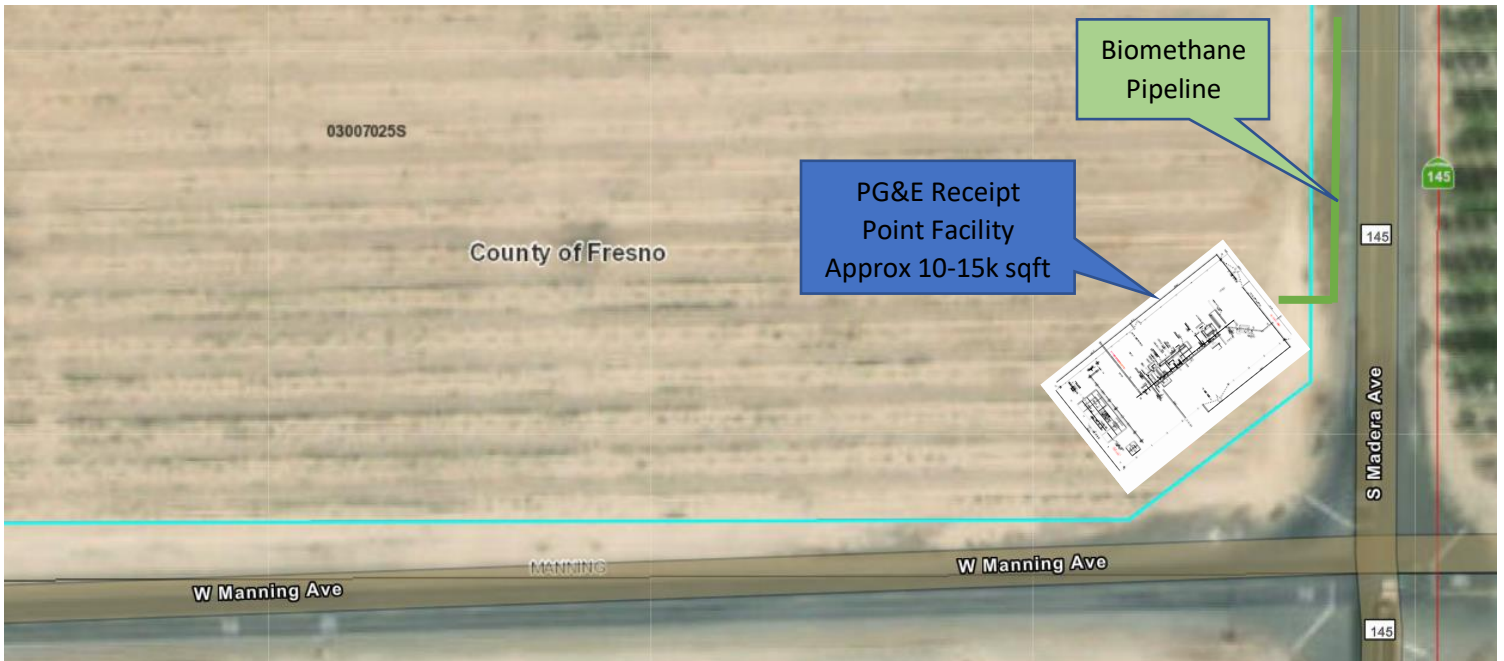
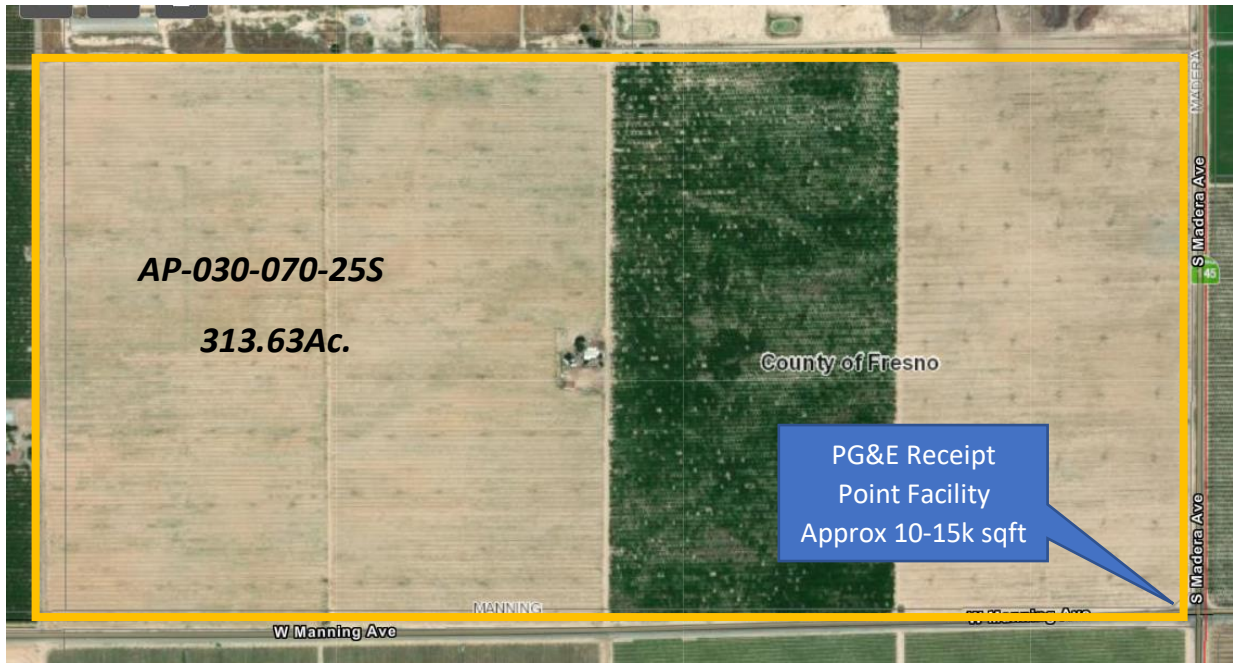


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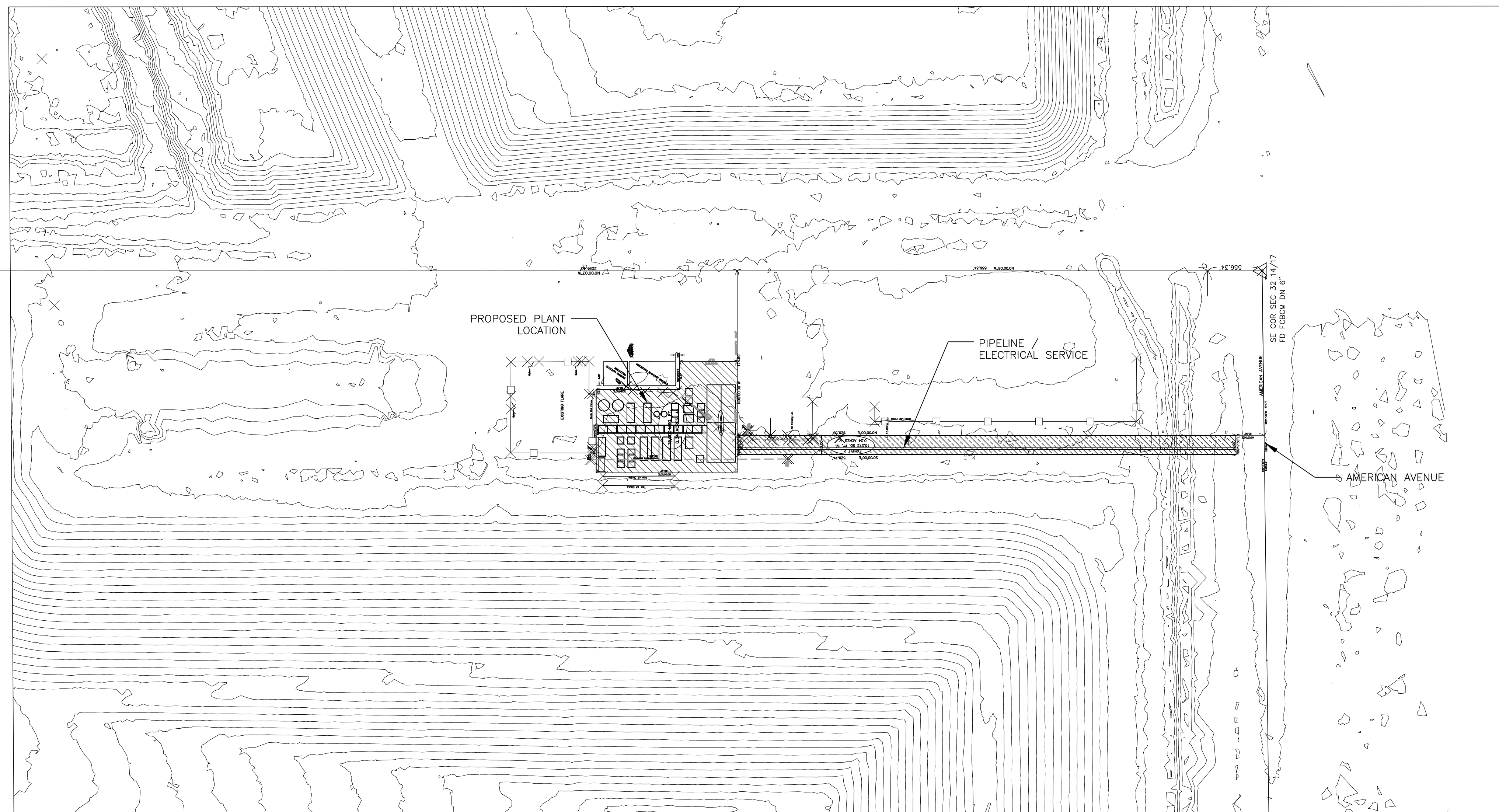
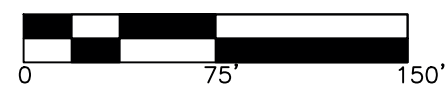
Owner: UPPAL AMRIK & JASWINDER SALHOTRA PREM P

Mailing Address: 5918 N Caspian Ave Fresno CA 93723

Parcel Address: 15502 W Manning Kerman CA 9360



NORTH



JADE
BIOGAS ENGINEERING

JADE BIOGAS ENGINEERING
10600 NATIONS FORD RD. SUITE 150
CHARLOTTE, NC 28273

REV.	DATE	DESCRIPTION

STATUS: **DRAFT**

PLOT DATE:
3/23/2023 10:15 AM

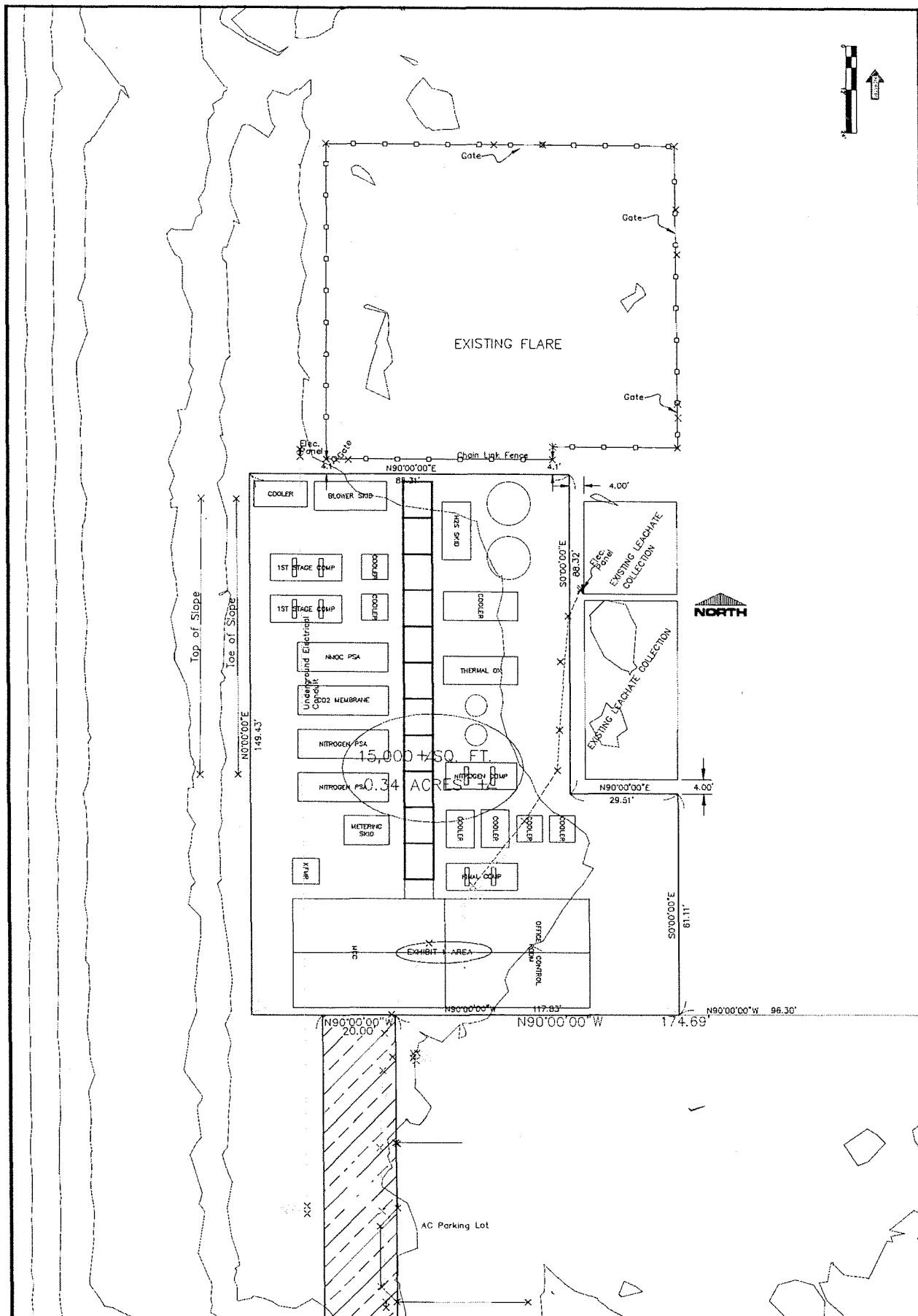
CLIENT:
COLONY ENERGY PARTNERS - TULARE, LLC
4940 CAMPUS DRIVE SUITE C
NEWPORT BEACH, CA 92660

PROJECT LOCATION:
AMERICAN AVENUE LANDFILL
18950 WEST AMERICAN AVENUE
KERMAN, CA 93630

DESCRIPTION:
PLANT LAYOUT

PROJECT NO.

SHEET:
C-3



C-1	COLONY ENERGY PARTNERS - TULARE, LLC 1940 CALIFORNIA AVENUE, SUITE 100 NEWPORT BEACH, CA 92660	JADE BIOGAS ENGINEERING 1940 CALIFORNIA AVENUE, SUITE 100 NEWPORT BEACH, CA 92660
	AMERICAN AVENUE LANDFILL 18750 WEST AMERICAN AVENUE PERMAN, CA 93350	
	PLANT LAYOUT	
DRAFT		

DATE: 11/15/2017 11:58 AM, DRAWN BY: JADE, CHECKED BY: JADE, PROJECT NO: 17-001, SHEET NO: C-1, TOTAL SHEETS: 10

