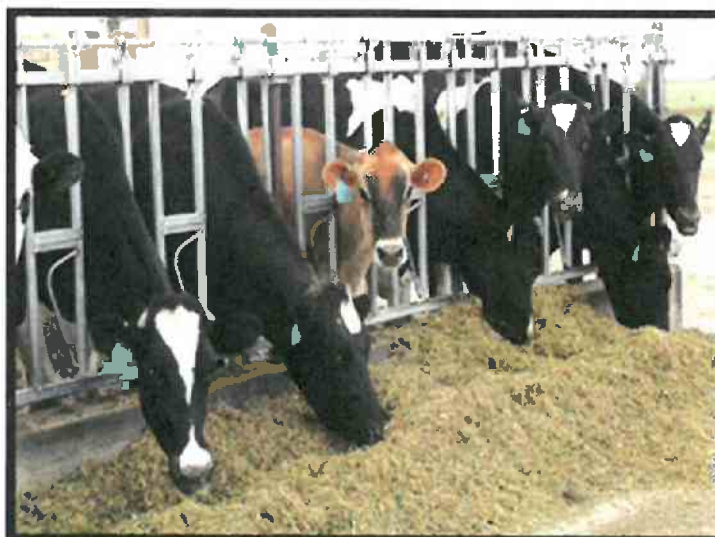


New at the Dairy

The dairy is modernizing!

- ✓ New dairy layout and structures to increase cow comfort while improving farm efficiencies
- ✓ Improved waste handling systems that will feed into a modern manure digester
- ✓ Project will turn cow manure into a source of renewable vehicle fuel



Features and Benefits of the New Digester:

- ✓ **Proven Technology:** The digester utilizes a design by DVO of Wisconsin. This digester features the most proven and reliable system in the industry with over 100 installations in 18 different U.S. states and several other countries.
- ✓ **Comprehensive Manure Management:** DVO's digester design offers the best available industry standard to convert odor producing elements contained in manure into:
 - renewable energy
 - nutrient rich, balanced fertilizer
 - quality cow bedding
- ✓ **Renewable Power:** Effectively controls manure methane emissions – a greenhouse gas that is 20+ times more aggressive than CO₂ and converts it into renewable fuel for vehicles
- ✓ **Odor Control:** Provides the community with improved odor and vector reduction
- ✓ **Regulatory Compliance:** Installation of the digester helps keep the Tollcrest Dairy in compliance with state laws and regulations
- ✓ **New Employment:** Provides new jobs through construction and ongoing management
- ✓ **Good for the Dairy Industry:** Lifts profile of dairy industry to become part of the climate solution

Tollcrest Dairy Modernization



Community Resource: The modernized Tollcrest Dairy will be available as a model demonstration project and can allow tours for:

- ✓ Local schools
- ✓ Community groups
- ✓ International visitors & public tours
- ✓ Grand Opening celebration when project begins flowing renewable gas



Possible Impacts & Mitigations:

- Possible minor increase in area traffic during a one-time 4 to 6-month construction period

Questions? Comments?

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Draft dated: January 24, 2019

TO: Steve Ceppos, CSU Sacramento, Sacramento Consensus and Collaboration Program (CCP)
FROM: Sean & Kristin Tollenaar, Tollcrest Dairy
CC: Bill Graham, Bradd Seegers; DVO

Tollcrest Dairy Community Outreach Plan

Location of Dairy: Wheatland, CA

Objective:

Let the community know that the dairy is modernizing and wanting to move ahead with technological and environmentally sound manure management systems.

The community outreach program will be designed to present the following features of the digester:

Benefits:

- ✓ DVO's digester design offers the best available industry standard to convert odor producing elements contained in manure into:
 - renewable transportation fuel that will be injected directly into an existing PG&E pipeline with injection point accessible on dairy property
 - nutrient rich, balanced fertilizer
 - pathogen free cow bedding
- ✓ Effectively controls manure methane emissions – a greenhouse gas that is 25+ times more aggressive than CO₂
- ✓ Provides the community with improved odor and vector reduction
- ✓ Can be used as a model demonstration project for:
 - Local schools
 - Community groups
 - International visitors
- ✓ Keeps Tollcrest Dairy in compliance with state laws and regulations regarding the curtailment and capture of methane emissions
- ✓ Provides new jobs through construction and ongoing management
- ✓ Lifts profile of dairy industry

Possible Impacts & Mitigations:

- ✓ Minor possible increase in area traffic during a 4 to 6-month construction season

Target Audiences:

- ✓ Immediate neighbors to the Tollcrest Dairy (within a one-mile radius of the dairy)
- ✓ Community groups in the area including, but limited to:
 - Wheatland City Council – presentation at regular meeting
 - Yuba County Board of Supervisors – presentation at regular meeting
 - Other interested public entities

Approach:

Tollcrest Dairy management will present and obtain feedback on the proposed digester project to the local community and school groups described above. In addition, Tollcrest Dairy management will personally visit with all neighbors within a one mile radius of the dairy to advise them of the proposed project.

Written flyers describing the project that describe benefits and possible impacts will be drafted in English and Spanish. The flyers will be made available at all community interactions. Flyers will provide a means for contacting Tollcrest Dairy representatives to receive feedback from potentially affected community members. Tollcrest Dairy will make all efforts to respond to comments within 24 to 48 hours of receipt. Management will keep records of community feedback and responses.