

To: Office of Planning and Research  
PO Box 3044, 1400 Tenth Street, Room 222  
Sacramento, CA 95812-3044

From: California Energy Commission  
1516 Ninth Street, MS-48  
Sacramento, CA 95814

Project Title: Advanced Water Treatment Technologies for for Onsite Water Reuse

Project Location – Specific: Duda Farm Fresh Foods, Inc.195 Victoria Ave , Oxnard, CA 93030

Project Location – City: Oxnard Project Location – County: Ventura

**Description of Project:**

The proposed project will evaluate and test alternative disinfection technologies to chemical treatment at a celery processing plant owned by Duda Farms in Oxnard, CA. These technologies will include ozonated water, ultraviolet light (UV), and advanced oxidation treatment. These technologies will not create the microbial precipitates generated from chemical treatment thereby saving energy used to chill water and conserve fresh water supplies. The number of reuse days for the wash water will be increased from one to two or three, which would be a reduction in water use by 50 to 66.7%. This will correlate to a 50 to 66.7% energy savings for chilling water. For the Duda Farm this will result in a reduction of 3.75 to 5.0 million gallons per year, and over 50,000 kilo-watt hours/year. There will also be downstream benefits by reducing loading to wastewater treatment facilities or landfills. The project will test these technologies against chemical disinfection by evaluating energy and water consumption and demand, wastewater generated and operating costs. For this project, Southern California Edison will provide the measurement and verification of on-site energy saving as well as work with the project team to determine the economics of the system.

Name of Public Agency Approving Project: California Energy Commission

Name of Person or Agency Carrying Out Project: Washington University

**Exempt Status: (check one)**

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- Categorical Exemption. State type and section number 14 CCR 15306
- Statutory Exemptions. State code number. \_\_\_\_\_
- Common Sense Exemption. 15061(b)(3)

**Reasons why project is exempt:**

Class 6 - Basic data collection, research, experimental management, and resource evaluation activities that do not result in major disturbances to an environmental resource.

**Lead Agency**

Contact Person: Richard Sapudar Area code/Telephone/Ext: 916-327-1450

**If filed by applicant:**

1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project?  Yes  No

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Title: \_\_\_\_\_

Signed by Lead Agency

Signed by Applicant

Date received for filing at OPR: \_\_\_\_\_