

CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD

FOOD SAFETY PROJECT

DRAFT- WHITE PAPER OUTLINE

General Outline

1. Introduce the Food Safety Project and outcomes
2. Introduce the central focus and scope of the Food Safety Project
3. Background on the recycling of produced water to grow food crops and regulation
4. Background on public concern and the Food Safety Expert Panel
5. Stakeholder studies on water quality and food crops
6. Food crop studies conducted under oversight by the Food Safety Expert Panel
7. Study results and findings
8. Conclusions, recommendations, and next steps

Central Focus

The Central Valley Water Board convened the Food Safety Expert Panel to seek input in the area of human health regarding the consumption of food crops grown with oil field produced water. The primary focus of the Food Safety Project is to address food safety at the point of harvest.

Introduction

- Food Safety Project background and the responsibilities of the Central Valley Water Board
- The role of the Food Safety Expert Panel
- The food crop studies
- Study results
- Recommendations from the Food Safety Expert Panel
- Next steps

Background

- Oil field produced water and its attributes
- Water recycling and beneficial uses
- Water districts, treatment, oil companies, and distribution
- Water quality regulation and monitoring programs
- General public concern
- Food Safety Expert Panel
- Central Valley Water Board public meetings
- Food crop and water quality studies by stakeholders

Project Studies

- Memorandum of Understanding between the Central Valley Water Board and stakeholders
- Hazard assessment and chemicals of interest
- Literature review
- Food crop sampling and analysis

Results

- Reports submitted to the Central Valley Water Board
- Analytical data

Conclusions

- Conclusions of studies conducted under oversight by the Food Safety Expert Panel
- Recommendations by the Food Safety Panel
- Possible next steps

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