

CATEGORICAL EXCLUSION CHECKLIST
Sacramento-Yolo Mosquito and Vector Control District Abatement

CEC 11-029

South-Central California Area Office

April 25, 2011

Purpose and Need for Action:

The Sacramento-Yolo Mosquito and Vector Control District (SYMVCD) is responsible for controlling mosquitoes in portions of Sacramento and Yolo County. Due to above normal precipitation this year, lands in the Locke Towers area are inundated with water providing exceptional habitat for mosquito breeding. However, even in years with average precipitation, low lying areas at this site develop standing water that provides habitat for mosquitoes. People in neighboring residential areas and at commercial establishments in the towns of Locke and Walnut Grove are adversely affected by the mosquitoes breeding on the State and Reclamation lands adjacent to their communities. There is a need to reduce the mosquito population and the potential spread of disease that the population poses on those lands. The purpose of the proposed action is to grant access to SYMVCD in order to apply mosquito larvicides to approximately 12.6 acres of flooded area on Reclamation land.

Proposed Action:

Reclamation proposes to issue a license to SYMVCD for a period of 5-years providing access to Reclamation land for the purpose of controlling mosquitoes. As a condition of the license, annual notification of the intent to apply mosquito control on Reclamation lands must be made before February 1, along with the submission of a completed pesticide use proposal form. As part of the license, a monthly report documenting the application of materials must be submitted to Reclamation.

The site would be accessed in motor vehicles via existing paved and earthen/gravel roads. Once at the site, one or more applicators would canvass flooded areas on foot and apply mosquito larvicides to standing water using Maruyama backpack granular applicators. Depending on the material used, the treatment would result in control for up to 30 days, at which time, mosquito populations would be re-evaluated, and re-treatment applied if necessary. Treatments would be applied between approximately April and September, only as needed.

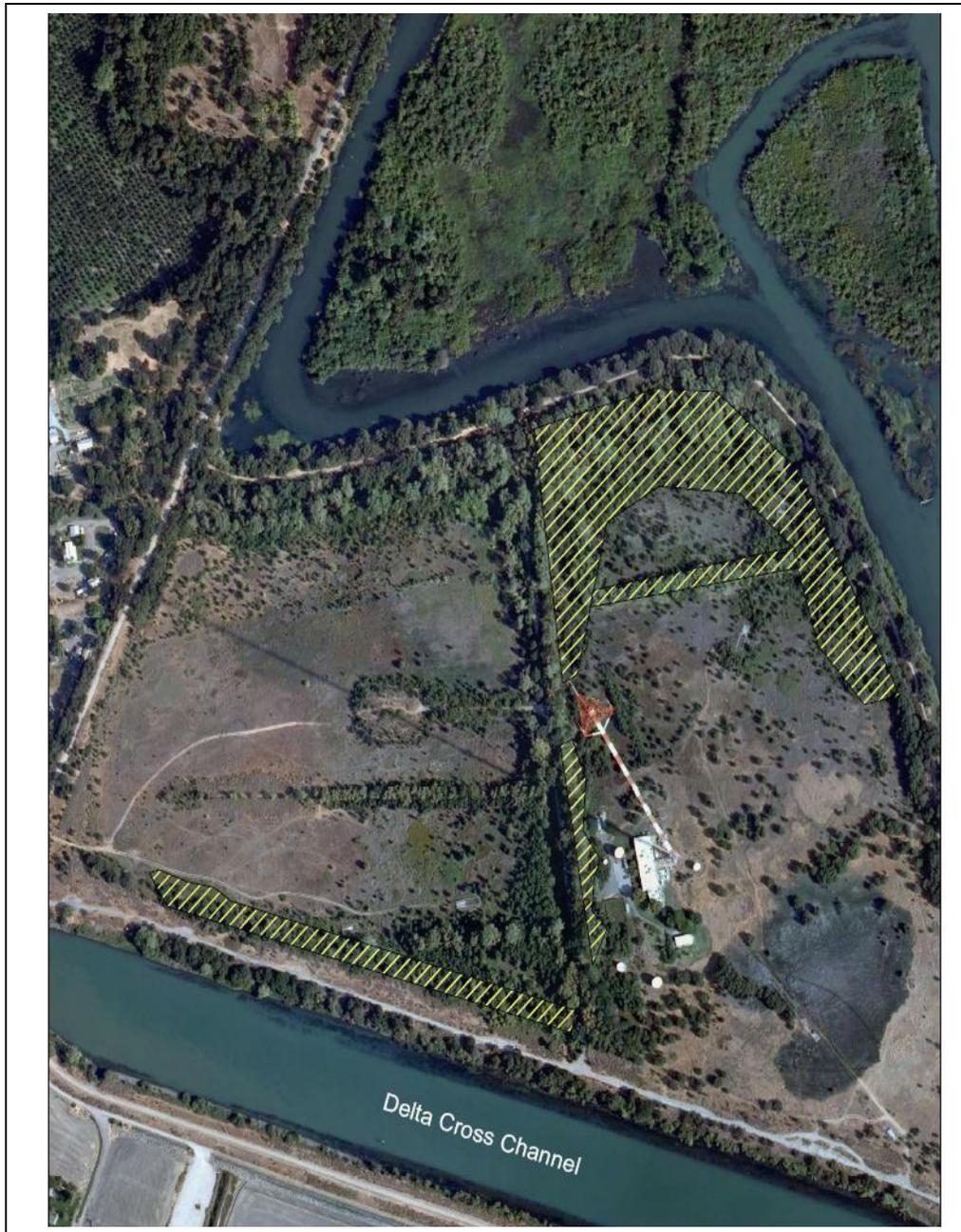
Exclusion Category:

516 DM 14.5 D (10) Categorical Exclusions: Operation and Maintenance Activities Issuance of permits, licenses, easements, and crossing agreements which provide right-of-way over Bureau lands where the action does not allow for or lead to a major public or private action.

Figure 1: Proposed Action Area and Nearby Communities



Figure 2: Proposed Pesticide Application Areas



Evaluation of Criteria for Categorical Exclusion

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|---|-------------|----------------|-----|
| 1. This action or group of actions would have a significant effect on the quality of the human environment. | No <u>X</u> | Uncertain ____ | Yes |
| 2. This action or group of actions would involve unresolved conflicts concerning alternative uses of available resources. | No <u>X</u> | Uncertain ____ | Yes |

Evaluation of Exemptions to Actions within Categorical Exclusion

- | | | | |
|--|-------------|----------------|-----|
| 1. This action would have significant adverse effects on public health or safety. | No <u>X</u> | Uncertain ____ | Yes |
| 2. This action would have an adverse effect on unique geological features such as wetlands, wild or scenic rivers, refuges, flood plains, rivers placed on the nationwide river inventory, or prime or unique farmlands. (Same as 516 DM 2, Appendix 2, Part 2.2). | No <u>X</u> | Uncertain ____ | Yes |
| 3. This action will have highly controversial environmental effects. | No <u>X</u> | Uncertain ____ | Yes |
| 4. This action will have highly uncertain environmental effects or involve unique or unknown environmental risks. | No <u>X</u> | Uncertain ____ | Yes |
| 5. This action will establish a precedent for future actions. | No <u>X</u> | Uncertain ____ | Yes |

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|--|---------------|-----------------------|-----|
| 6. This action is related to other actions with individually insignificant but cumulative significant environmental effects. | No <u> X </u> | Uncertain <u> </u> | Yes |
| 7. This action will affect properties listed or eligible to be listed in the National Register of Historical Places. | No <u> X </u> | Uncertain <u> </u> | Yes |
| 8. This action will adversely affect a species listed or proposed to be listed as endangered or threatened. | No <u> X </u> | Uncertain <u> </u> | Yes |
| 9. This action threatens to violate Federal, State, Local or Tribal law or requirements imposed for protection of the environment. | No <u> X </u> | Uncertain <u> </u> | Yes |
| 10. This action will affect Indian Trust Assets. | No <u> X </u> | Uncertain <u> </u> | Yes |
| 11. This action will affect Indian Sacred Sites. | No <u> X </u> | Uncertain <u> </u> | Yes |
| 12. This action will disproportionately affect minority or low-income populations. | No <u> X </u> | Uncertain <u> </u> | Yes |

NEPA Action: Categorical Exclusion X

Environmental commitments, explanation, and/or remarks:

Yes No Environmental commitments are required and attached.

- San Joaquin Kit Fox Avoidance and Minimization Measures
- Giant Garter Snake Avoidance and Minimization Measures
- California Tiger Salamander Avoidance and Minimization Measures
- California Red-Legged Frog Avoidance and Minimization Measures
- Other:

Air Quality: Not Applicable

Prepared by:



Date: 4/22/11

South-Central California Area Office

Regional Archeologist concurrence with Item 7:
See attachment.

ITA Designee concurrence with Item 10:
See attachment.

Concur:



Date: 04/25/2011

Wildlife Biologist, South-Central California Area Office

Concur:



Date: 4/25/11

Supervisory Natural Resources Specialist, South-Central California Area Office

Concur:



Date: 4-25-11

 Chief, Resources Management Division, South-Central California Area Office

Approved:



Date: 4/24/11

Deputy Area Manager, South-Central California Area Office