

MAY 28 2021

COUNTY OF SOLANO
RESOURCE MANAGEMENT**Solano County Airport Land Use Commission**675 Texas Street Suite 5500
Fairfield, CA 94533
Tel 707.784.6765
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LAND USE COMPATIBILITY DETERMINATION: APPLICATION FORM

TO BE COMPLETED BY STAFF		
APPLICATION NUMBER:	FILING FEE: \$200	
DATE FILED: 5-28-21	RECEIPT NUMBER: 16833	
JURISDICTION:	RECEIVED BY: EW	
PROJECT APN(S): Suisun Resource Conservation District (See Map)		
TO BE COMPLETED BY THE APPLICANT		
I. GENERAL INFORMATION		
NAME OF AGENCY: Suisun Resource Conservation District		DATE: May 18 th , 2021
ADDRESS: 2544 Grizzly Island Rd. Suisun CA 94585		
E-MAIL ADDRESS: schappell@suisunrcd.org	DAYTIME PHONE: (707) 425-9302	FAX: (707) 425-4402
NAME OF PROPERTY OWNER: 122 Privately Owned Managed Wetlands in the Suisun Marsh. As defined in PRC 29101.		DATE: May 18 th , 2021
ADDRESS: See associated map		DAYTIME PHONE: Same
NAME OF DOCUMENT PREPARER: Steven Chappell, Executive Director Suisun Resource Conservation District		DATE: May 18 th , 2021
ADDRESS: 2544 Grizzly Island Rd. Suisun CA. 94585	DAYTIME PHONE: (707) 425-9302	FAX: (707) 425-4402
NAME OF PROJECT: Suisun Resource Conservation District Amendment of the 1980 Suisun Marsh Local Protection Program and update 122 existing Individual Duck Club water management Plans.		
PROJECT LOCATION: Suisun Marsh, Solano County CA.		
STREET ADDRESS: 2544 Grizzly Island Rd. Suisun CA 94585		

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II. DESCRIPTION OF PROJECT

The State Legislature enacted the Suisun Marsh Preservation Act (Marsh Act) in 1977 to protect the unique and biologically diverse lands that comprise the Suisun Marsh. The Marsh Act provided for the adoption of land use plans, development policies, and permits within the Primary and Secondary management areas of the Suisun Marsh. In 1976, the San Francisco Bay Conservation and Development Commission (BCDC) adopted the Suisun Marsh Protection Plan (SMPP) findings, policies, and regulations. The Marsh Act also required Solano County and local municipalities and relevant local government agencies to adopt and maintain a Suisun Marsh Local Protection Policy (LPP). Solano County LPP includes items as broad as the County's General Plan and zoning regulations and as narrow as minor permit requirements for grading, drainage, and utility extensions.

Under the Marsh Act and Public Resources Code Section 29412.5, the Suisun Resource Conservation District (SRCD) was also required to prepare a LPP to preserve, protect and enhance the plant and wildlife communities within the Primary Management Area (PMA) of the Marsh. In 1980, SRCD adopted its LPP component, which consists of the following principal elements that have not been updated since adoption:

- A) A plan to provide a mitigative water supply to the managed wetlands within the PMA.
- B) A joint use facility program.
- C) Consideration of land use and public access issues
- D) Individual water management program for each privately owned managed wetland within the PMA.
- E) Enforceable standards for diking, flooding, draining, filling and dredging of Sloughs, managed wetlands and marshes within the PMA.
- F) Regulations to ensure effective water management on privately owned lands within the PMA.

Under the Marsh Act, SRCD has no right of trespass on to privately owned lands, no enforcement powers, or taxing ability. These authorities rest with Solano County under their LPP or BCDC under the SMPP.

SRCD is currently preparing an update of the 1980 LPP component ***D) Individual water management program for each privately owned managed wetland***. If approved, the amendment would replace each of 122 outdated 1980 Individual Duck Club Management Plans with updated Individual Ownership Adaptive Habitat Management Plans and new maps.

In 1979, the USDA Soil Conservation Service prepared 138 individual water management programs for privately owned managed wetlands within the PMA. These management plans were reviewed by the Department of Fish and Wildlife and certified by BCDC. These original water management plans have not been updated in over 40 years and no longer reflect existing water management infrastructure and capabilities, modern regulatory constraints, and scientific knowledge.

The purpose of updating these 122 Individual Ownership Adaptive Habitat Management Plans (Plans) is to provide the basic information necessary for land managers to successfully implement Suisun Marsh management practices. The goals of the Plans are to maximize waterfowl food production while maintaining a diverse wetland flora that can support a wide variety of resident and migratory wildlife within constraints of new regulatory restrictions, new scientific information, and climate change.

The updated Plans provide a wetland management guidance to support a diversity of waterfowl and wildlife habitats. The Plans include a conservation map, soils map, elevation model, summary of water control structures, analysis of the water management capability, and evaluation of the current conditions of levees, ditches, and water control structures. The updated Plans will meet the regulatory requirements of BCDC Marsh Development Permit (MDP) for routine maintenance of existing


managed wetlands or maintenance of existing water management facilities. However, new managed wetland water management facilities that meets the BCDC definition of "development" will require a MDP from BCDC. If new construction, replacement, or improvements are needed on the clubhouse area, building structures, or boat docks, the landowner must consult with the Solano County Department of Resource Management and with BCDC for permitting requirements. These updated Plans do not cover such new development activities.

The physical, regulatory, and biological conditions in the Marsh affect wetland management strategies which determine the resulting habitat quality, and ultimately the species that will use the habitat. Wetland habitat managers must adaptively manage their properties in order to achieve desired management objectives and habitat conditions. Since conditions in the Marsh continually change, supporting scientific information can be incorporated into future management options.

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II. DESCRIPTION OF PROJECT (CONT'D)	
POTENTIAL PROJECT EMISSIONS: (i.e. smoke, steam, glare, radio, signals): None.	
PROJECT AIRPORT LAND USE COMPATIBILITY PLAN: Travis Air Force Base	COMPATIBILITY ZONE:
PERCENTAGE OF LAND COVERAGE: 100%	MAXIMUM PERSONS PER ACRE: 0.01
THE FOLLOWING INFORMATION MUST BE SUBMITTED AS A MINIMUM REQUIREMENT:	
<input checked="" type="checkbox"/> JURISDICTION REFERRAL LETTER: see Solano County counsel <input checked="" type="checkbox"/> ENVIRONMENTAL DOCUMENTATION: see example Plan <input checked="" type="checkbox"/> LOCATION MAP: see map <input type="checkbox"/> ASSESSOR'S PARCEL MAP, with subject property marked in red: <input type="checkbox"/> SITE PLAN, drawn to scale and fully dimensioned including topographical information, and 8 1/2 x 11 inch reduction(s): see maps in Plans <input type="checkbox"/> ELEVATIONS, if located in APZ, clear zones and A,B,C compatibility zones or over 200' in height, plus 8 1/2 x 11 inch reduction(s) : see maps for digital elevation maps, nothing over 200' <input type="checkbox"/> WIND TURBINE STUDY, including cumulative impact studies. Such studies shall include an analysis of (1) the individual effects of the proposed project, and (2) as required by law, an analysis of the cumulative effects of the proposed project considered in connection with the effects of past projects, the effects of other current projects and proposed projects, and the effects of probable future projects, including (i) the probable build out for wind energy development of the remaining vacant parcels within the wind resource areas described in the Solano County General Plan and (ii) any probable replacement of existing turbines or meteorological towers with structures having different dimensions. <input type="checkbox"/> SUPPLEMENTAL INFORMATION: <input type="checkbox"/> FEES: <input checked="" type="checkbox"/> ELECTRONIC COPIES OF ALL APPLICATION MATERIALS ON A CD: available online	
APPLICANT SIGNATURE: 	DATE: May 19, 2021
X _____	

DOES THE PROJECT PROPOSE THE DEMOLITION OR ALTERATION OF ANY EXISTING STRUCTURES ON THE PROJECT SITE? YES NO If yes, describe below:

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