## 2018 ANNUAL APPLICATION FOR THE USACE WETLANDS MAINTENANCE PERMIT File Number (SPN-2012-00258)

Return to: Suisun Resource Conservation District 2544 Grizzly Island Road

Suisun, CA 94585 (707) 425-9302 or e-mail to SRCD@SuisunRCD.org		-
CLUB NAME		-
OWNERSHIP NUMBER		(
OWNER/Phone number		-
MANAGER/Phone number	L	
ACRES OF PRIMARY MANAGEMENT AREA IN OWNERSHIP		

NOTE: You must submit a map of your property showing all work locations (differentiate work locations using corresponding numbers in far left column of application, not X's or any other markings). Please fill in all applicable blanks on application grid.

Example: How to calculate acreage -

500 feet X 500 feet = 250,000 square feet / 43,560 square feet per acre = 5.74 acres1,000 feet X 1,000 feet = 1,000,000 square feet / 43,560 square feet per acre = 22.95 acres

Example: How to calculate cubic yardage for grading -

Assume you are grading 2.5 acres to a depth of 6 inches (0.5 feet) 2.5 acres X 43,560 square feet per acre = 108,900 square feet X 0.5 feet = 54,450 square feet / 27

cubic feet per cubic yard = 2,016.6 cubic yards

Assume you are grading 2.5 acres to a depth of 12 inches (1.0 feet) 2.5 acres X 43,560 square feet per acre = 108,900 square feet X 1.0 feet = 108,900 cubic feet / 27 cubic feet per cubic yard = 4,033.3 cubic yards

Plug your numbers into the underlined portion of the formulas below and enter the result into the appropriate box in the application grid.

To calculate acreage:  $\underline{length \ of \ area}\ X\ \underline{width \ of \ area} = square\ feet\ of\ area\ /\ 43,560\ square\ feet\ per\ acre = acreage$ 

To calculate cubic yardage for grading: <u>acreage</u> X 43,560 square feet per acre = total square feet X <u>depth of grade</u> = cubic feet / 27 cubic feet per cubic yard = cubic yards

To calculate cubic yardage for ditch cleaning or levee work: length x width x depth / 27 = cubic yards