

Date Received By SRCD: \_\_\_\_\_

Cost Share Application #: \_\_\_\_\_

**Suisun Marsh Preservation Agreement Improvement (PAI) Fund  
2017 Cost Share Grant Program Application  
Drainage Efficiency Improvements (50/50) Cost Share**

Please note this is only an application. All proposed project applications must be reviewed by SRCD, the PAI Technical Review Committee, and approved to be eligible by DWR and USBR, to receive Cost-Share funds. Do not initiate any work under this Program unless you receive written notification from SRCD that the PAI grant application scope of work and budget amount is approved and the landowner has signed an Agreement for Reimbursement with SRCD.

\_\_\_\_\_  
Ownership Name

\_\_\_\_\_  
Ownership Number

\_\_\_\_\_  
Legal Owner or Representative of Property  
Authorized to Sign Formal Agreements

\_\_\_\_\_  
Contact Name (If other than owner)

\_\_\_\_\_  
Address

\_\_\_\_\_  
Contact Address

\_\_\_\_\_  
Phone Number

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Contact Phone Number

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Fax Number

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E-Mail Address

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E-Mail Address

All proposed projects must be authorized and complete in compliance with the terms and conditions of the U.S. Army Corps of Engineers (USACE) Regional General Permit 3 (RGP 3). All proposed activities must also be approved on your USACE 2017 Wetlands Maintenance Permit Application for your participating property. It is the policy of the SRCD that participating landowners must be current with their annual USACE Permit Administration and SRCD Program Support Fees to work under the RGP3 and participate in SRCD Programs.

If you have any questions or need assistance in preparing this application, please contact your SRCD Water Manager at (707) 426-2431.

### **Improvements Funded by 2015 Suisun Marsh Preservation Agreement Implementation Fund -**

**50/50 Cost Share Program Eligibility:** This program provides funds for management and infrastructure improvements that are necessary to improve leaching and drainage efficiency of individual clubs. As part of the 2015 SMPA contract requirements, the SRCD Board of Directors has determined that there will be no limitation on annual reimbursement of costs per ownership for 50/50 cost share Program participation for permanent improvements of managed wetland infrastructure. Program guidelines and participation requirements to assist in offsetting the costs associated with pumping to complete effective spring leach cycles are included in Attachment A.

### **Managed Wetlands Improvements Eligible for Reimbursement 50/50 Cost Share program:**

- Funding to offset electric and fuel costs for the use of diesel-powered or permanent electric drainage pumps to perform leach cycles (*February through May of the growing season*)
- Funding to offset electrical costs for fish screen operations (year around – must be only the fish screen power)
- Clearing of existing or construction of new interior ditches/swales/v-ditches
- Coring of existing interior levees (Action must be shown to improve the ability of a wetland to conduct habitat management activities, such as a property can't dry out ditches). *No reimbursement of routine levee maintenance and winter storm damage or urgent repairs.*
- Grade pond bottoms for improved water circulation and raising of pond bottom sinks.
- Improvements to existing interior water control structures. An upgrade to corrosive resistant materials is considered an improvement.
- The installation of new interior water control structures. Must be corrosive resistant materials.
- Improve a pipe for an existing (*discharge or dual purpose*) exterior water control structures and reinstallation of water control bulkheads (only if associated with an approved PAI water control pipe improvement).

### **Program Guidelines and Application Procedure:**

Please fill out the cover page of this application and attach the following:

- A detailed, typewritten project description outlining the scope of the proposed Project. Including a description of the wetland management problem, how the proposed Project will specifically address the problem, expected benefits to the habitat and management capabilities of the property.
- The scope of work must include a narrative description of the project, size of structure, length of pipe or ditch to be improved, volume of material to be moved, with a complete list of materials including the corrosive resistant components.
- Attach an itemized contractors bid including project cost estimate and materials breakdown or a landowners estimate including equipment to be used, equipment operation cost per hour, a cost breakdown for each element of the project, and itemized material list.
- Attach detailed site map and photos of existing structure, if proposed for improvement.

Landowner cost share must be new match money. This means the money can't be used to match other grants and other grant money can't be used as match. Landowner in-kind match is eligible, but the rate has to be pre-approved and must be a competitive rate or substantiated with paid invoices.

A new California law (SB 854) mandates special contracting requirements for projects exceeding \$1,000.00 (excluding materials) that use PAI Program funds (i.e. public funds) on any maintenance or improvement work that is conducted by a contractor (must be prevailing wage). Landowners may complete the work themselves without the same special contracting requirements. Contractors must be registered with the California Department of Industrial Relations (DIR) before submitting a bid for the project and the landowner must register the project with the DIR. Contractors must also acknowledge the PAI funded projects are subject to compliance monitoring and enforcement by the DIR.

### **Program Administration and Application Review Process:**

Applications will be received annually and SRCD Water Managers can assist landowners in application preparation.

SRCD Management will review applications for completeness and consistency with the SMPA Agreement and RGP 3 permit requirements.

SRCD will convene a technical panel to review eligible projects (this panel may include DU, CWA, DFW, DWR, USBR, SRCD, or other wetland experts). This panel will assess factors such as, but not limited to, project design, budget, cost effectiveness, acreage benefited, long term durability, ability to improve habitat conditions and improve management capabilities.

Upon completion of the project technical review process, the panel will recommend funding of all or some of the elements of the proposed project and the appropriate PAI funding Program.

Costs associated with project design and assessment of improvement, such as the size or invert of a water control structure could be an approved expense that can be cost shared if it is preapproved as part of the project development.

PAI Program Cost Share landowner reimbursement. The landowner must submit a paid invoice to SRCD for the total cost of an approved and completed PAI project. SRCD will submit the paid invoice to DWR for payment and then reimburse the landowner directly for the appropriate cost share amount. SRCD will not pay contractors directly.

### **Program Definitions:**

“Maintenance” - The repair and/or replacement of an existing structure that has exceeded its normal useful life.

“Improvements” or “Improve” - An activity, structure, or portion of a structure that improves the operational function, efficiency or long term durability of an existing structure.

“Repair” - To restore by replacing a part which is broken and no longer operating as originally designed.

“New” – The installation of a water control or water conveyance structure that did not previously exist.

“Existing” – Currently installed and in operation.

“Exterior” – A structure or facility that is subjected to daily tidal action.

“Interior” – A structure or facility that is within the managed wetland and not subjected to daily tidal action.

“Useful life” – A period of time that a structure or facility can reasonably be expected to operate and function as designed with normal maintenance. As part of the Agreement for Reimbursement the landowners will be required to manage, operate and maintain the improvements for its “useful life” as defined below:

5 Years:

- Coring of existing interior levees.
- Clearing of existing or construction of new v-ditches.

10 Years:

- Clearing of existing or construction of new interior ditches or swales.

15 Years:

- Improvements to existing interior water control structures.
- The installation of new interior water control structures.
- Grade pond bottoms for improved water circulation and raising of pond bottom sinks.

20 Years:

- Improve a pipe for existing exterior water control structures. This includes flood, drain, or dual purpose structures and the reinstallation of water control bulkheads (only if associated with an approved PAI water control pipe improvement).

“Corrosive Resistant” – A water control structure or pump made of material that will resist corrosion and durability in a brackish environment, such as but not limited to HDPE plastic, stainless steel, galvanization, or protected with anodes.

“Managed Wetlands” – Are leveed areas in which water inflow and outflow is artificially controlled, or in which waterfowl food plants are cultivated, or both.

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## Attachment A - 2017 Spring Leach Cycles Cost Share Program Participation Application

\_\_\_\_\_  
Ownership Name

\_\_\_\_\_  
Ownership Number

\_\_\_\_\_  
Legal Owner or Representative of Property  
Authorized to Sign Formal Agreements

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Contact Name (If other than owner)

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Phone Number

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Contact Phone Number

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Fax Number

\_\_\_\_\_  
Fax Number

Electrical Costs for Fish Screen(s)       Electric

Type of Pump:       Electric      or       Diesel

\_\_\_\_\_ Gallons/min or Pump HP      \_\_\_\_\_ Discharge size

\_\_\_\_\_ Estimated days of pumping to complete Leach Cycle

\_\_\_\_\_ Hour Meter Start      \_\_\_\_\_ Hour Meter Ended

\_\_\_\_\_ Date Pumping Began      \_\_\_\_\_ Date Pumping Completed

SRCD inspection date prior to re-flooding: \_\_\_\_\_

SRCD inspection date completion of leach cycle: \_\_\_\_\_

**A leach cycle is:** The re-flooding of the managed wetlands with low salinity water (February through May of the growing season) and the subsequent draining of this water to a level that is 1' below pond bottom of the managed wetland. This water management activity removes salts from the soil profile and improves growing conditions desirable waterfowl food resources and wetland plants. The initial drainage of high saline water from the managed wetland at the end of waterfowl season is not a leach cycle. If possible, it is desirable to complete 1, 2, or 3 leach cycles in a spring growing season, with a final drain of the managed wetlands in June or July. This final drain of the managed wetland is also not a leach cycle.

This cost share is for leach cycles, and therefore initial and final drains will not be eligible for cost share. To receive cost share for pumping costs prior approval is mandatory as well as monitoring of leach cycles by SRCD.

This 50/50 Cost Share will not be applied to the SRCD Portable Pump Program. SRCD Portable Pump Program is already provided to the Suisun Marsh landowners at a significant reduced rental rate to encourage landowner participation. Additionally there is no charge to the landowners for SRCD pump delivery, set up, fueling, service, removal, or significant repairs or maintenance of the pumps.

To be eligible to participate in the Program a landowner must:

- Submit this application to SRCD (50/50 Cost Share Attachment A) in advance expressing the landowner's intent to participate.
- SRCD must provide the landowner a written approval to participate in the 2017 Leaching Cost Share Program.
- A club must complete the initial drain (water off the pond bottoms) and verify this with the SRCD Water Manager, prior to re-flooding with lower salinity water.
- Pumping costs are not eligible for reimbursement during waterfowl season or to support construction, or leaking gates.
- Electric bills from pumping must be for meter that services the pump only. Not other club facilities or other uses.
- Diesel pumps must have an hour meter showing the start and stop hours for each leach cycle or ability to document fuel use. SRCD will reimburse the landowner for the diesel purchase if supported by receipts for the fuel purchased. All landowner reimbursement requests must be supported by real costs, such as, PG&E bills or diesel purchase invoices.