

Ownership Number _____

Date Received By SRCD: _____

Ownership Name _____

Cost Share Application #: _____

**Suisun Marsh Preservation Agreement Improvement (PAI) Fund
2019 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 a PAI Cost Share Agreement for Reimbursement with SRCD.

Ownership Name and Number

Legal Owner or Representative of Property
Authorized to Sign Formal Agreements

Contact Name (alternate who knows details)

Address

Contact Address

Phone Number

Contact Phone Number

Fax Number

Fax Number

E-Mail Address

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) and some projects (new pipes, bulkheads, pumps) may require a BCDC Marsh Development Permit. All proposed activities must also be approved on your USACE 2018 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.

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 the 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. A pond bottom or ditch survey may be required to determine eligibility and appropriate scope of work.
- Coring of existing interior levees. Action must be shown to improve the ability of a wetland landowner to conduct habitat management activities and can't dry out ditches. *No reimbursement will be approved for routine levee maintenance, winter storm damage or 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 approved 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 the installation and reinstallation of water control bulkheads (cost share will cover costs up to 15' of bulkhead walls on both the interior and exterior side of the levee if needed, but only if associated with an approved PAI water control pipe improvement).
- ❖ Improvement of a pipe for an existing exterior (flood only) water control is ineligible.

Program Application Procedure:

Submit a complete application package to SRCD which includes the following: the cover page of this application package, 1. Problem Description; 2. How Project Addresses Problem; 3. Expected Benefits; 4. Scope of Work Details (include structures, materials, sizes); 5. Estimated Cost Table; 6. Site Map and Photos. See below for specific details:

- A detailed, typewritten project description outlining the scope of the proposed Project. Include 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 proposed scope of work. It must include a narrative description of the project, size of structure, length of pipe or ditch to be improved, materials to be used, volume of material to be moved, with a complete list of materials including walk ways, bulkheads, and the corrosive resistant components.
- An itemized contractor bid. Include project cost estimate and materials breakdown or a landowner's estimate including a description of equipment to be used, equipment operation cost per hour, a cost breakdown for each element of the project, and itemized material list.

- A detailed site map and site photos. Include photos of structure, if existing structure is proposed for improvement.

Program Guidelines:

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 job). 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 approved 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 may be submitted at any time during the annual grant cycle, SRCD Management will review applications for completeness, and consistency with the SMPA Agreement. SRCD Water Managers can assist landowners in application preparation.

SRCD will convene a technical panel to review eligible projects (panel may include DU, CWA, CDFW, DWR, USBR, SRCD, or other wetland experts). This panel will assess Project elements such as, but not limited to, project design, budget, cost effectiveness, acreage benefited, long term durability, ability to improve habitat conditions and improve water 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 completion of an elevation survey can be cost shared if it is preapproved expense as part of the project development.

Upon approval of proposed Project by USBR and DWR, SRCD will send the landowners notification award letter and a PAI Cost Share Agreement for Reimbursement. The Agreement for Reimbursement will include a scope of work and approved budget amount. This Agreement for Reimbursement must be signed and returned to SRCD.

Landowner reimbursement requirements. The landowner must notify SRCD that the Project is complete, submit an itemized paid invoice to SRCD for the total approved cost of the 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. SRCD will only make payment on complete and completed Projects. Some approved Projects have multiple components. At the end of a work season, if a landowner is unable to complete the entire approved Project, SRCD will consider making a partial payment, if and only if, the individual Project element is completed, distinct and fully functional, and would have been eligible as an individual project, and/or meets the PAI program objectives independently.

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 install or reinstallation up to 15’ of interior or exterior water control structure bulkheads, but 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 - 2019 Spring Leach Cycles Cost Share Program Participation Application

Ownership Name and Number

Legal Owner or Representative of Property
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Contact Name (alternate who knows details)

Address

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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 2019 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.