

Proposal Full View

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Applicant Information

Organization Name Dixon Regional Watershed Joint Powers Authority *
 Tax ID **424652051**
 Proposal Name Dixon Watershed Management Plan *

Proposal Objective

The Dixon Watershed Management Plan (DWM Plan) (August 2001) covers a watershed in northeastern Solano Co. of approx. 50 square miles. The watershed includes the City of Dixon (City) and an extensive rural, agricultural area. The flat topography in this part of Solano Co. causes flooding in agricultural areas impacting agricultural production. The Plan identified 3 projects that will benefit both urban and rural area by providing flood control in the City and reducing flooding in the rural agricultural area. These projects increase the capacity of existing drainage channels and create new detention in the City. Coordinated operations by the JPA member agencies are designed optimize the use of available channel capacity and detention storage. All projects are designed to create habitat and improve water quality. The JPA and its member agencies have completed the first 2 projects identified in the DWM Plan: the Pond A and Lateral 1 Improvement Project and the Pond C Project. The remaining project identified in the DWM Plan is the Eastside Drain Project. The Eastside Drain Project contains two phases, Phase 1 is the Dixon Main Drain / V-Drain Enlargement Project (DMDVD) and Phase 2 is the Eastside Drain. The DMDVD will help achieve the following Westside Sac IRWM Objectives 1) Provide adequate Flood Protection, 2) Restores Native Vegetation, 3) Sustain and Modernize Existing Flood Management Infrastructure and Operations, and 4) Address Pollution Sources. The DMDVD is designed to protect and improve water quality, improve water use efficiency and reuse, improve storm water management, create a multipurpose flood control (drainage) program, protect and improve wildlife habitat, and implement the DWM. Objectives will be measured by miles of channel enlargements, increases in lower input channel maintenance areas established, acres of flood plain habitat, acres treated with reused water, reduction in flooded acres and increased acres of habitat. *

Budget

Other Contribution	\$130,000.00
Local Contribution	\$1,602,877.00
Federal Contribution	\$0.00
Inkind Contribution	\$0.00
Amount Requested	\$1,472,877.00 *
Total Project Cost	\$3,205,754.00 *

Geographic Information

Latitude * DD(+/-) MM SS
 Longitude * DD(+/-) MM SS

Longitude/Latitude Clarification

Location

½ mile east and 1 mile south of the intersection of Sikes Rd and Swan Rd in Solano Co.

County Solano *
 Ground Water Basin Sacramento Valley-Solano
 Hydrologic Region Sacramento River
 Watershed 70 5510 Sacramento Delta

Legislative Information

Assembly District 4th Assembly District *
 Senate District 3rd Senate District *
 US Congressional District District 3 (CA) *

Project Information

Project Name Dixon Main Drain / V-drain Enlargment Project

Implementing Organization	Dixon Regional Watershed Joint Powers Authority
Secondary Implementing Organization	
Proposed Start Date	9/1/2013
Proposed End Date	10/15/2014
Project Scope	The project will construct new drainage capacity, provide new wetland and upland habitat and reduce water pollution
	The Dixon Main Drain / V-Drain Enlargement Project (DMDVD) is Phase 1 of the larger Eastside Drain Projects identified in the Dixon Watershed Management Plan. The proposed project involves the enlargement of the DMDVD channels to provide an increase in flow capacity. The project consists of two primary elements, enlargement of the Dixon Main Drain along Swan Road, and the enlargement of the existing V-Drain between Swan Road and the RD 2068 Intake Canal near Haas

<p>Project Description</p>	<p>Slough. The project increases channel capacity of these constructed drainage facilities thereby reducing local flooding caused by regional drainage flows that exceed the existing channel capacity. The Dixon Main Drain will be enlarged by excavating the channel to provide a bottom width of six to eight feet (approximately two feet wider than existing), increasing the channel depth about two feet, and creating a 4:1 slope along the southern bank. The V-Drain will be enlarged by providing a bottom width of 26 to 40 feet (approximately 13 to 18 feet wider than existing), increasing the channel depth in some locations by about 1.5 feet, and creating a 4:1 slope along the western bank. Both channels will have a maintenance bench and low flow channel. The high-water flow bench areas, 4:1 side slopes and stockpile areas will be planted with native species. The enlarged channels will be fenced to exclude livestock access to the channel reducing animal caused erosion. New weir structures will improve agricultural water reuse. In addition to channel improvement the project includes replacement of culvert with a new conspan bridge, replacement of existing weir structures, replacement of the existing rail car bridge, relocation of and existing high line irrigation channel, realignment of the channel at its outfall, reconstruction of the RD2068 trash rack in the outfall channel.</p>
<p>Project Objective</p>	<p>The DMDVD is designed to protect and improve water quality, improve water reuse efficiency, improve storm water management, creates a multipurpose flood management (drainage) program, protect and improves wildlife habitat, and implement the DWM plan. The achievement of these objectives will be measured by miles of channel enlarged, reduces channel maintenance impacts, acres of wetland created, acres treated with reused water, reduction in flooded acres, and increased acres of habitat.</p>

Project Benefits Information

Project Objective

Budget

Other Contribution	130000
Local Contribution	1602877
Federal Contribution	0
Inkind Contribution	0
Amount Requested	1472877
Total Project Cost	3205754

Geographic Information

Latitude DD(+/-)	38	MM 20	SS 36
Longitude DD(+/-)	121	MM 44	SS 28
Longitude/Latitude Clarification		Location	½ mile east and 1 mile :
County Solano Ground Water Basin Sacramento Valley-Solano Hydrologic Region Sacramento River WaterShed 70 5510 Sacramento Delta			

Legislative Information

Assembly District	4th Assembly District
Senate District	3rd Senate District
US Congressional District	District 3 (CA)

Section : Applicant Information Question Tab

APPLICANT INFORMATION QUESTION TAB

01. PROPOSAL DESCRIPTION

Provide a brief abstract of the Proposal, including a listing of individual project titles.

The Dixon Regional Watershed Plan (DWM Plan) Proposal area covers a large watershed in northeastern Solano County of approximately 50 square miles. The watershed includes the City of Dixon with a population of approximately 18,000 and an extensive rural, agricultural area. The DWM Plan identified three projects that will benefit both urban and rural areas by providing flood control in the City of Dixon and reducing flooding in the rural agricultural area. These projects increase the capacity of existing drainage channels to create new detention in the City of Dixon. The Dixon Regional Watershed Joint Powers Authority and its member agencies have completed the first two projects identified in the DWM Plan: the Pond A and Lateral 1 Improvement Project and The Pond C Project. The remaining project identified in the DWM Plan is the Eastside Drainage Project. The Eastside Drainage Project contains two phases, Phase 1 is the Dixon Main Drain / V-Drain Enlargement Project (DMDVD) and Phase 2 is the Eastside Drain. The Eastside Drain is dependent on future development. The DMDVD project is the only project in the Proposal applying for Grant funding. The DMDVD enlarges three miles of channels to provide an increase in flow capacity. The project consists of two primary elements, enlargement of the Dixon Main Drain along Swan Road, and the enlargement of the existing V-Drain between Swan Road and the RD 2068 Intake Canal near Haas Slough. The Dixon Main Drain will be enlarged by excavating the channel to provide a bottom width of six to eight feet (approximately two feet wider than existing), increasing the channel depth about two feet, and creating a 4:1 slope along the southern bank. The V-Drain will be enlarged by providing a bottom width of 26 to 40 feet (approximately 13 to 18 feet wider than existing), increasing the channel depth in some locations by about 1.5 feet, and creating a slope along the western bank. Both channels will have a maintenance bench and low flow channel. In addition to channel improvement the project includes replacement of culvert with a new conspan bridge, replacement of existing weir structures, replacement of the existing rail car bridge, relocation of an existing high line irrigation channel, realignment of the channel at its outfall and reconstruction of the RD2068 trash rack in the outfall channel. The DMDVD will enlarge three miles of channels and reduce localized flooding on 11,600 acres. It will un-cork the bottom of the Eastside Drainage watershed which will allow the Eastside Drain Improvement Project to be constructed, reducing flooding on 11,600

acres. The DMDVD creates 5 acres of wetlands and establishes native vegetation on 50 acres of uplands. It constructs fence to protect 24 acres of channel from erosion and quality degradation caused by grazing cattle. New weir structures will improve agricultural water reuse. The DMDVD will help achieve the following Westside Sac IRW Objectives 1) Provide adequate Flood Protection, 2) Restores Native Vegetation, 3) Sustain and Modernize Existing Flood Management Infrastructure and Operations, and Address Pollution Sources.

Q2. PROJECT DIRECTOR

Provide the name and details of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

John S Currey, Secretary/Manager Dixon Regional Watershed Joint Powers Authority

Q3. PROJECT MANAGEMENT

Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

John S Currey, Secretary/Manager Dixon Regional Watershed Joint Powers Authority john-currey@dixonrcd.org

Q4. APPLICANT INFORMATION

Provide the agency name, address, city, state and zip code of the applicant submitting the application. Also provide the name and contact information of the person filling out the online application.

Dixon Regional Watershed Joint Powers Authority, 1170 N. Lincoln Street, Ste. 110, Dixon California 95620 John S. Currey, (707)678-1655 extension 105 john-currey@dixonrcd.org

Q5. ADDITIONAL INFORMATION

Provide the IRWM funding area(s) in which projects are located.

<http://www.water.ca.gov/irwm/grants/fundingarea.cfm>

Westside Sacramento IRWM (Yolo, Solano, Napa, Lake, Colusa)

Q6. RESPONSIBLE REGIONAL WATER QUALITY CONTROL BOARD(S)

List the name of the Regional Water Quality Control Board (RWQCB) in which your proposal is located. For a region that extends beyond more than one RWQCB boundary, list the name of each Board.

http://www.waterboards.ca.gov/waterboards_map.shtml

Central Valley RWQCB (5S)

Q7. ELIGIBILITY

Is the application from an IRWM region approved in the Region Acceptance Process (RAP)? To verify, see RAP website: <http://www.water.ca.gov/irwm/grants/rap.cfm>. If yes, include the name of the IRWM region. If not, explain.

Yes, Westside of the Sacramento River Region.

Q8. ELIGIBILITY

Please specify whether the applicant is a local public agency or non-profit organization as defined in Appendix B of the 2012 Guidelines.

The Dixon Regional Watershed Joint Powers Authority (Authority) comprised of the City of Dixon, Dixon Resource Conservation District, Maine Prairie Water District and Reclamation District 2068 is a Local Public Agency as Defined in Appendix B of the 2012 Guidelines. The Authority was created in 2004 as a local governmental agency, separate and apart from its members, pursuant to Chapter 5 of Division 7 of Title 1 of the California Government Code (commencing with section 6500) relating to the joint exercise of powers. The purpose of the Authority is to provide for the planning, financing, acquisition, ownership, construction, operation and maintenance of drainage facilities designed to serve the Dixon Regional Watershed and to increase economic development, flood protection, farmland preservation and habitat preservation in the Dixon Regional Watershed.

Q9. ELIGIBILITY

List the urban water suppliers that will receive funding from the proposed grant. Please provide the agency name, a contact phone number and e-mail address. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420, see Attachment 10. If there are none, so indicate and answer "NA" for Q10 and Q11.

None

Q10. ELIGIBILITY

Have all of the urban water suppliers, listed in Q9 above, submitted complete Urban Water Management Plans (UWMPs) to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete plan. Answer "NA" if no urban water supplier identified in Q9 above.

NA

Q11. ELIGIBILITY

Have any urban water suppliers listed in Q9 recently submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program on or after November 1, 2012? If so, please list the urban water supplier and the grant program. An urban water supplier must submit AB 1420 compliance documentation to DWR. If the urban water supplier has not submitted AB 1420 documentation, or that documentation was determined to be incomplete by DWR, the urban water supplier's projects will not be considered eligible for grant funding. Refer to Section III.B of the 2012 Guidelines for additional information.

Answer "NA" if no urban water supplier identified in Q9 above.

NA

Q12. ELIGIBILITY

Does the Proposal include any groundwater projects or other projects that directly affect groundwater levels or quality? If so, provide the name(s) of the project(s) and list the agency(ies) that will implement the project(s).

Answer "NA" if the Proposal does not include groundwater projects or other projects that directly affect groundwater levels or quality.

NA

Q13. ELIGIBILITY

For the agency(ies) listed in Q12, how has the agency complied with CWC §10753 regarding Groundwater Management Plans (GWMPs), as described in Section III.B of the 2012 Guidelines?

Answer "NA" if the Proposal does not include groundwater projects or other projects that directly affect groundwater levels or quality.

NA

Q14. ELIGIBILITY

List the agricultural water suppliers that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, so indicate and answer "NA" for Q15.

None

Q15. ELIGIBILITY

Have all of the agricultural water suppliers, listed in Q14 above, submitted complete Agricultural Water Management Plan to DWR? Have those plans been verified as complete by DWR? If the plan has not been submitted, please indicate the anticipated submittal date.

Answer "NA" if no agricultural water suppliers were identified in Q14 above.

NA

Q16. ELIGIBILITY

List the surface water diverters that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, so indicate and answer "NA" for Q17 below.

None

Q17. ELIGIBILITY

Have all of the surface water diverters, listed in Q16 above, submitted surface water diversion reports in compliance with requirements outlined in Part 5.1 (commencing with §5100) of Division 2 of the CWC? If not, explain and provide the anticipated date for meeting the requirements. Answer "NA" if no surface water diverters identified in Q16 above.

NA

Q18. ELIGIBILITY

List the groundwater users that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, so indicate and answer "NA" to Q19.

None

Q19. ELIGIBILITY

Have all of the groundwater users, listed in Q18 above, met the requirements of DWR's CASGEM Program: <http://www.water.ca.gov/groundwater/casgem/>? If not, explain and provide the anticipated date for meeting the requirements. Answer "NA" if no groundwater users were identified in Q18 above.

NA

Section : Application Attachments Tab**APPLICATION ATTACHMENTS TAB****ATTACHMENT 1: AUTHORIZATION AND ELIGIBILITY REQUIREMENTS**

Upload Authorization and Eligibility documentation here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Last Uploaded Attachments: Att1_SWF_Eligible_1of1.pdf

Upload additional Authorization and Eligibility documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

ATTACHMENT 2: PROOF OF FORMAL ADOPTION

Upload Proof of Formal Adoption documentation here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Last Uploaded Attachments: Att2_SWF_Adopt_1of1.pdf

Upload additional Proof of Formal Adoption documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Upload additional Proof of Formal Adoption documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

ATTACHMENT 3: WORK PLAN

Upload the Work Plan here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Last Uploaded Attachments: Att3_SWF_WorkPlan_1of3.pdf,Att3_SWF_WorkPlan_2of3.pdf,Att3_SWF_WorkPlan_3of3.pdf

Upload additional work plan components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Upload additional work plan components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Upload additional work plan components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

ATTACHMENT 4: BUDGET

Upload the Budget documents here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Last Uploaded Attachments: Att4_SWF_Budget_1of1.pdf

Upload additional budget components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Upload additional budget components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

Upload additional budget components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 character.

ATTACHMENT 5: SCHEDULE

Upload the Schedule here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Att5_SWF_Schedule_1of1.pdf

Upload additional schedule components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Upload additional schedule components here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

ATTACHMENT 6: MONITORING, ASSESSMENT, AND PERFORMANCE MEASURES

Upload Monitoring, Assessment, and Performance Measures here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Att6_SWF_Measures_1of1.pdf

Upload additional Monitoring, Assessment, and Performance Measures here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Upload additional Monitoring, Assessment, and Performance Measures here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

ATTACHMENT 7: TECHNICAL JUSTIFICATION OF PROJECTS

Upload Technical Justification of Projects here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Att7_SWF_TechJust_1of1.pdf

Upload additional Technical Justification of Projects here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Upload additional Technical Justification of Projects here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

ATTACHMENT 8: BENEFITS AND COST ANALYSIS

Upload Benefits and Cost Analysis here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Att8_SWF_BenCost_1of1.pdf

Upload additional Benefits and Cost Analysis documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Upload additional Benefits and Cost Analysis documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

ATTACHMENT 9: PROGRAM PREFERENCES

Upload Program Preference documentation here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Att9_SWF_Preference_1of1.pdf

Upload additional Program Preference documentation here, if necessary.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

ATTACHMENT 10: GWMP, AB 1420, AND WATER METER COMPLIANCE INFORMATION

If your proposal does not include 1) a groundwater project or a project that directly affects groundwater levels or quality, or 2) an urban water supplier who would receive grant funding, you MUST still upload a document that indicates this attachment is not applicable to your proposal. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Upload GWMP, AB 1420, and Water Meter Compliance documents here. Ensure file name is consistent with Section V of the Stormwater Flood Management PSP.

Max file size: 50 MB per file. Up to five files can be uploaded to this upload field. Max file name: 50 characters.

Last Uploaded Attachments: Att10_SWF_SelfCert_1of1.pdf
