



TECHNICAL ADVISORY COMMITTEE

SPECIAL NOTICE REGARDING CORONAVIRUS DISEASE 2019 (COVID-19) AND PARTICIPATION IN PUBLIC MEETINGS

On March 4, 2020, Governor Newsom declared a State of Emergency resulting from the threat of COVID-19. On September 16, 2021, Governor Newsom signed Assembly Bill No. 361 into law. Assembly Bill No. 361 amends Government Code section 54953(e) by adding provisions for remote teleconferencing participation in meetings by members of a legislative body, without the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions. The Upper Santa Ana River Watershed Financing Authority adopted a resolution determining, by majority vote, that, as a result of the declared State of Emergency, a meeting in person would present imminent risks to the health or safety of attendees. Accordingly, it has been determined that all meetings of the Upper Santa Ana River Watershed Financing Authority will be held pursuant to the Brown Act and will be conducted via teleconference. There will be no public access to the meeting venue.

MEETING OF THE TECHNICAL ADVISORY COMMITTEE WEDNESDAY, JANUARY 12, 2022 – 8:30 am

PUBLIC PARTICIPATION

Public participation is welcome and encouraged. You may participate in the January 12, 2022, meeting of the Upper Santa Ana River Watershed Financing Authority online and by telephone as follows:

**Dial-in Info: (877) 853 5247 US Toll-free
Meeting ID: 867 6139 9532
PASSCODE: 3802020**

<https://sbvmwd.zoom.us/j/86761399532>

If you are unable to participate online or by telephone, you may also submit your comments and questions in writing for consideration by sending them to comments@sbvmwd.com with the subject line “Public Comment Item #” (insert the agenda item number relevant to your comment) or “Public Comment Non-Agenda Item”. Submit your written comments by 6:00 p.m. on Tuesday, January 11, 2022. All public comments will be provided to the Executive Director and may be read into the record or compiled as part of the record.

IMPORTANT PRIVACY NOTE: Participation in the meeting via the Zoom app is strongly encouraged. Online participants MUST log in with a Zoom account. The Zoom app is a free download. Please keep in mind: (1) This is a public meeting; as such, the virtual meeting information is published on the World Wide Web and available to everyone. (2) Should you participate remotely via telephone, your telephone number will be your “identifier” during the meeting and available to all meeting participants; there is no way to protect your privacy if you elect to call in to the meeting.



Agenda

TECHNICAL ADVISORY COMMITTEE

UPPER SANTA ANA RIVER WATERSHED
INFRASTRUCTURE FINANCING AUTHORITY
380 East Vanderbilt Way, San Bernardino, CA 92408

WEDNESDAY, JANUARY 12, 2022

CALL TO ORDER/PLEDGE OF ALLEGIANCE/ROLL CALL

1. PUBLIC COMMENT

Any person may may address the Committee on matters within its jurisdiction.

2. APPROVAL OF MINUTES

- 2.1 December 8, 2021 Technical Advisory Committee Meeting (Page 3)
[TAC Minutes 120821](#)

3. DISCUSSION AND POSSIBLE ACTION ITEMS

- 3.1 Discussion on First WIFIA Loan Application(Page 6)
[WIFIA Application Process for FY 21 Applicants](#)
- 3.2 Project Readiness Update

4. REPORTS

- 4.1 WIFIA Closed Loans in California(Page 39)
[WIFIA Closed Loans in California](#)
- 4.2 Grants Update(Page 42)
[Grant Hot List Q1 2022](#)
[Potential Grants for Watershed Connect Projects](#)

5. ANNOUNCEMENTS

6. ADJOURNMENT

PLEASE NOTE: Materials related to an item on this Agenda submitted to the Board after distribution of the agenda packet are available for public inspection in the District's office located at 380 E. Vanderbilt Way, San Bernardino, during normal business hours. Also, such documents are available on the District's website at www.sbvmd.com subject to staff's ability to post the documents before the meeting. The District recognizes its obligation to provide equal access to those individuals with disabilities. Please contact Melissa Zoba at (909) 387-9228 two working days prior to the meeting with any special requests for reasonable accommodation.

MINUTES OF THE TECHNICAL ADVISORY COMMITTEE UPPER SANTA ANA RIVER WATERSHED INFRASTRUCTURE FINANCING AUTHORITY

Regular Meeting of the Technical Advisory Committee | December 8, 2021

ROLL CALL

Member Agency	Committee member	Attendance
Yucaipa Valley Water District	Joseph Zoba, Chair	Present
San Bernardino Valley Municipal Water District	Wen Huang, Vice Chair	Present
San Bernardino Valley Water Conservation District	Katelyn Scholte	Present
San Bernardino Municipal Water Department	Steve Miller	Present

Staff Present	Agency
Anthony Flordelis	San Bernardino Valley Municipal Water District
Jose Macedo	San Bernardino Valley Municipal Water District
Adekunle Ojo	San Bernardino Valley Municipal Water District
Cindy Saks	San Bernardino Valley Municipal Water District
Melissa Zoba	San Bernardino Valley Municipal Water District
Allison Edmisten	Yucaipa Valley Water District

Others in Attendance:	
Douglas Brown	Stradling Yocca Carlson & Rauth
Lora Carpenter	Feldman Rolapp & Associates
Jeff Herrin	AECOM
Robert Porr	Fieldman Rolapp & Associates

1. CALL TO ORDER

The Meeting of the Technical Advisory Committee (TAC) of the Upper Santa Ana River Watershed Infrastructure Financing Authority (USAR WIFA) was called to order by Chair Joseph Zoba at 8:30 a.m. Jose Macedo led the Pledge of Allegiance. A quorum was noted present by roll call.

2. PUBLIC COMMENT

Chair Zoba invited public comment. There was no comment.

3. APPROVAL OF MINUTES

3.1 November 24, 2021 Technical Advisory Committee Meeting

Action: The minutes of the November 24, 2021 meeting were approved by the following roll-call vote:

MOVED: Miller	SECONDED: Huang	APPROVED: 4-0
AYES:	Huang, Miller, Scholte, Zoba	
NOES:		
ABSTAIN:		
ABSENT:		

4. DISCUSSION AND POSSIBLE ACTION ITEMS

4.1 Overview and Status of the 2021 WIFIA Application

Adekunle Ojo reported that on December 3, 2021, the US Environmental Protection Agency issued a press release identifying the Watershed Connect Program as one of the 39 new projects that were invited to apply for a Water Infrastructure Finance and Innovation Act (WIFIA) loan. This is a great achievement for the region and will allow several coordinated projects to proceed to the application phase of the funding opportunity.

4.2 Discussion Regarding the Watershed Connect Implementation Plan

Adekunle Ojo discussed the concept of preparing an Implementation Plan to gather information about the proposed regional projects as a way to complete the required application for the Water Infrastructure Finance and Innovation Act (WIFIA) loan.

There was a general consensus by the Technical Advisory Committee members that the creation of an Implementation Plan can proceed in parallel or after the written portion of the application is prepared and submitted to the Environmental Protection Agency.

4.3 State and Federal Water Infrastructure Funding Update by AECOM

Jeff Herrin provided an overview of the next steps to complete the application material for the WIFIA loan. The members of the

Technical Advisory Committee will begin to coordinate with staff members to gather information needed for the application phase of the funding.

4.4 Discussion on Grant Strategy for the Authority and Funding Progress on the 51% of the Cost Outside of WIFIA

Adekunle Ojo discussed the need to make sure each of the members in the Phase I funding opportunity develop a strategy for the remaining 51% of the matching funds needed for the WIFIA loan.

5. REPORTS

- San Bernardino Valley Municipal Water District. Mr. Huang highlighted the following projects:
 - Rialto Channel Habitat Restoration. The 30 percent design has been completed and shared with the San Bernardino Municipal Water Department, and a meeting is being coordinated to move the project forward.

6. ANNOUNCEMENTS

Chair Zoba discussed the cancellation of the December 22, 2021 Technical Advisory Committee meeting and reviewed the proposed meeting schedule for calendar year 2022.

7. ADJOURNMENT

The meeting was adjourned at 9:39 a.m.

<p>APPROVAL CERTIFICATION</p> <p>I hereby certify to approval of the foregoing Minutes of the Upper Santa Ana River Watershed Infrastructure Financing Authority Technical Advisory Committee.</p> <hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> <p>Secretary</p> <p>Date</p> <hr style="border: 0; border-top: 1px solid black; margin-top: 5px;"/>
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Respectfully submitted,

Lynda J. Kerney
Contract Assistant



THE WIFIA APPLICATION EXPERIENCE

December 7, 2021

Jorianne Jernberg, Director
Kevin McDonald, Senior Underwriter
Danusha Chandy, Senior Engineer



MISSION STATEMENT

The Water Infrastructure Finance and Innovation Act (WIFIA) program accelerates investment in our nation's water and wastewater infrastructure by providing long-term, low-cost, supplemental credit assistance under customized terms to creditworthy water and wastewater projects of national and regional significance.



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OUR ORGANIZATION

- Since the establishment of WIFIA in 2014, the WIFIA program has grown from a small group of dedicated staffers to a boutique lending division within EPA
- Our team consists of underwriters, lawyers, engineers, scientists, portfolio managers, and program managers that aim to provide a high level of customer service
- We strive to make WIFIA financing work for you within your existing processes so you can achieve your infrastructure and financing goals



WIFIA PIPELINE AND PORTFOLIO

Project Type ¹	Number
Drinking Water	59
Wastewater	58
Combined	22
Water reuse	19
Stormwater	9

Population Served	Number
Over 1 M	41
500,000 to 1 M	15
100,000 to 500,000	69
25,000 to 100,000	31
25,000 or Less (Small Community)	11

Loan Amount	Number
Over \$500 M (Very Large)	10
\$100 M to \$499 M (Large)	67
\$50 M to \$99 M (Medium)	37
Less than \$50 M (Small)	53

Region	Number
Northeast	14
Midwest	26
South	46
West	81

¹The WIFIA Portfolio includes WIFIA & SWIFIA closed loans and selected projects that have submitted an application or plan to submit an application, but the pending SWIFIA loans were not included in this data because specific projects have not been identified yet



AGENDA



BENEFITS OF USING A WIFIA LOAN



APPLICATION PROCESS



TIPS & RESOURCES



FEDERAL REQUIREMENTS



POST-CLOSING EXPECTATIONS



QUESTION & ANSWER SESSION





BENEFITS TO USING A WIFIA LOAN



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PROGRAM FEATURES

\$5
MIL

Minimum project size for small communities (population of 25,000 or less). WIFIA has closed two loans from small community borrowers.

49%

Maximum portion of eligible project costs that WIFIA can fund. WIFIA has provided 49% funding to most closed loans. Small communities may finance up to 80% of project cost.

35
YEARS

Maximum final maturity date from substantial completion. To date, approximately half of WIFIA borrowers have taken advantage of this long repayment period.

5
YEARS

Maximum time that repayment may be deferred after substantial completion of the project. Many borrowers have chosen to defer repayment for five years or less.



LOAN CHARACTERISTICS

FAVORABLE RATES	<ul style="list-style-type: none"> • Fixed interest rate locked in at closing • Interest does not accrue until loan is drawn
GENEROUS TERMS	<ul style="list-style-type: none"> • Multiple disbursements within 15 days of request • No penalty for prepayment • Sculpted repayment schedule to grow payments over time • WIFIA can take a subordinate lien position
STRUCTURING FLEXIBILITIES	<ul style="list-style-type: none"> • Loan closing in as little as 4 months, or faster for repeat borrowers • Bespoke loan agreements that can fit into each borrower's existing indenture structure or be stand-alone issuances • Pairs well with other forms of funding and financing • No prescribed format for financial models or post closing reports
BUNDLING FEATURES	<ul style="list-style-type: none"> • Financing available for a combination of projects under one loan • Upfront commitment to multiple projects taking place over time via a Master Agreement



MEDIUM & SMALL LOAN BENEFITS

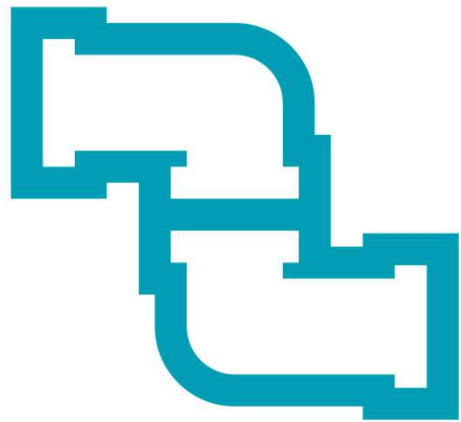
- **WIFIA considers medium or small loans to be under \$100 million**
- **Examples:** Water Authority of Great Neck North \$14 M, City of Evanston for \$20.3 M, Downriver Utility Wastewater Authority for \$18 M
- **Fees:** The average WIFIA fee for a medium and small loan is \$129,000 which is equal to 0.4% of the average loan amount
- **Savings:** The savings for these borrowers ranged from \$3 M to \$67 M
- **Unique borrower structures:** The City of Morro Bay, WIFIA's first small community loan, was offered two loans to accommodate the City's separate water and sewer revenue streams for one project
- **Lien Flexibilities:** WIFIA took on a subordinate lien position with Toho Water Authority to allow for future senior debt



LARGE LOAN BENEFITS

- **WIFIA considers large loans over \$100 million**
- **Fees:** The average WIFIA fee for large loans is \$147,000 which is equal to 0.07% of the average loan amount
- **Savings:** The savings for these borrowers ranged from \$20 M to \$830 M
- **Unique borrower structures:**
 - The City of Hillsboro and Tualatin Valley Water District were issued two separate loans to fund one joint project
 - The WIFIA program was able to accommodate the joint powers authority (JPA) structure of Silicon Valley Clean Water into one loan
- **Lien Flexibilities:** WIFIA took subordinate lien positions with the City of San Diego and the Orange County Water District





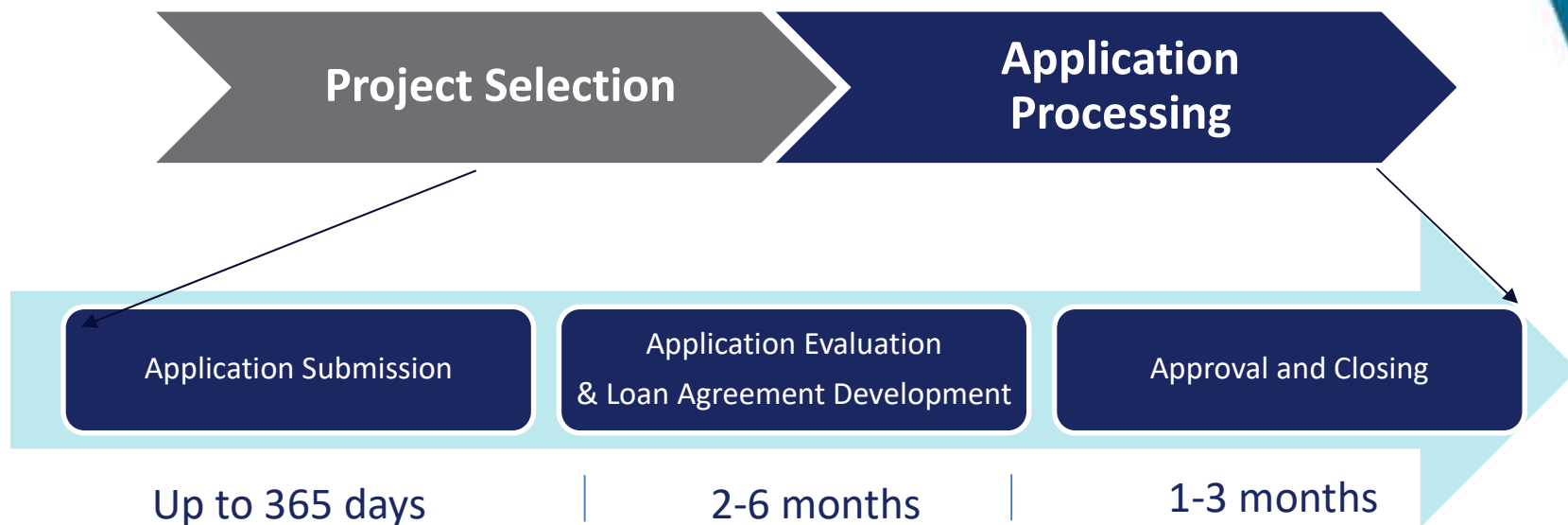
THE APPLICATION PROCESS



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APPLICATION TIMELINE

The WIFIA program can move quickly with a motivated borrower!



APPLICATION SUBMITTAL PROCESS

- **Application will be submitted through WIFIA's SharePoint site**
 - Identify who will need access to upload the materials
 - Project underwriter will coordinate access
- **Materials Uploads**
 - Can be uploaded in pieces or as a complete package
 - Can be uploaded prior to fee submittal
- **Iterative Process**
 - Your assigned underwriter will support you through the process
 - Technical experts are readily available for project scope and environmental needs

Accurate information is important, but please remember that a loan is not an EPA regulatory action, and that ambiguity or uncertainty is okay!



THE APPLICATION

Provides the WIFIA program with the materials necessary to evaluate the creditworthiness of the prospective borrower and project for the proposed WIFIA loan

A complete application should include:

- Signed application with answers to all questions
- Preliminary rating opinion letter
- Application fee
- Complete exhibits

To the extent no material has changed since your LOI, you may simply reference your LOI materials to complete appropriate sections of the application.

Link to the application materials: <https://www.epa.gov/wifia/wifia-application-materials>



WIFIA APPLICATION TRANSACTION TEAM

Who is WIFIA Transaction Team?

- Each deal will be assigned a:
 - Underwriter
 - Attorney
 - Risk Manager
 - Engineer
 - Environmental Reviewer
- Primary WIFIA contact will be the underwriter

What is the application review process like?

- Each member of the team conducts their application review simultaneously or in parallel, NOT sequentially
- May have regular team meetings or separate technical meetings
- Can communicate directly with the WIFIA team





TIPS & RESOURCES



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YOUR PROJECT

What is your project's scope? Has it changed?

- The WIFIA program frequently sees evolution in a project's scope between an LOI and application. This is okay!
- Have you decided you needed to add scope or projects to accomplish your key goals?
- Where are you in project development? Even if you aren't as far along as expected, EPA can execute WIFIA loans for projects very early in the project development cycle

Uncertainty isn't usually a problem provided it is understood and accounted for in your planning and budgeting process



YOUR PROJECT- CONTINUED

WIFIA can fund multiple projects under one loan

- Projects must have a common purpose, a similar construction time frame (generally within 5 years), and a common security pledge
- The projects are submitted under one Letter of Interest and application

WIFIA can provide an upfront single commitment to a variety of projects through a Master Agreement

- Multiple loans are then issued under this umbrella commitment



FINANCE PLAN TIPS

How do you want to structure your WIFIA loan?

- Confirm the requested WIFIA principal amount
- Provide an estimated WIFIA draw schedule
- Indicate the length of time you would like to defer payments of principal and interest payments, if applicable
- Indicate the proposed final maturity date
- Describe the WIFIA amortization profile (attach a debt service schedule or reference the pro forma if it's easier)

You may ask for additional funding beyond the amount identified in the invitation letter (pending available resources)!



FINANCE PLAN TIPS- CONTINUED

How do you plan to pay for project beyond the WIFIA loan?

- Provide the best estimate of the sources of funds you are planning to fund your WIFIA project
- Later tweaks during the documentation process are acceptable

What is the legal structure you plan to use to secure the WIFIA loan?

- WIFIA most frequently adopts existing financing structures with limited negotiation beyond the effort to document the loan's terms and applicable Federal requirements
- WIFIA can do innovative security structures and the transaction team is available to discuss options, as needed



FINANCE PLAN TIPS- CONTINUED

How do you plan to repay the WIFIA loan?

Based on the security structure, you may use a variety of existing resources to demonstrate how you will repay the loan including:

- An existing rate model
- An existing long-term budget plan
- Financial pro-forma

We are your resource

Please talk to your underwriter about the financial planning you already do to see if it can be adapted to WIFIA's needs.



TECHNICAL TIPS

- Ensure all projects included in scope are compliant with federal requirements
- Talk to technical experts about any compliance concerns. Some are very fixable if identified early enough!
- Pay particular attention to projects already in or close to construction for compliance needs
- Technical experts can assist with refining scope descriptions for the application





FEDERAL REQUIREMENTS



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FEDERAL REQUIREMENTS



Projects receiving a WIFIA loan must comply with all relevant federal laws and regulations

- National Environmental Policy Act (NEPA)
- National Historic Preservation Act
- Archeological and Historic Preservation Act
- Environmental Justice
- American Iron and Steel Requirement
- Davis-Bacon Wage Requirement
- Build America, Buy America Act
- Endangered Species Act
- All Civil Rights Acts
- Clean Water Act
- Clean Air Act
- Safe Drinking Water Act
- Coastal Zone Management Act
- Protection of Wetlands
- Farmland Protection Policy Act
- Magnuson-Stevens Fishery Conservation and Management Act
- Uniform Relocation Act
- Wild and Scenic Rivers Act

But it's not as daunting as it seems, we promise!



FEDERAL COMPLIANCE: SRF & WIFIA COOPERATION

The SRFs and WIFIA have nearly identical environmental and contract compliance requirements

Environmental Reviews

- SRFs and WIFIA each make their own NEPA determination
- The WIFIA environmental review can occur before, after, or concurrently with the SRF environmental review
- The same supporting documentation from the applicant can be used for both reviews

Contracting Requirements

- The programs work in tandem to utilize standard Federally compliant contract requirements



NEPA

Assesses potential environmental impacts

- Every project must receive an environmental Categorical Exclusion (CATEX), Finding of No Significant Impact (FONSI), or Record of Decision (ROD) prior to obligation
- Applicants are encouraged to submit any and all available documents and findings, such as:
 - Other environmental reviews (CEQA, SERP, USACE, NEPA)
 - Consultations (NHPA, ESA)
 - Maps illustrating scope of project, NEPAassist
 - Biological, cultural, archaeological assessments
 - PEIR, EIS, EA Reports
- NEPAassist available at <https://www.epa.gov/nepa/nepassist>



PROGRAMMATIC ENVIRONMENTAL ASSESSMENT

Analyzes the potential environmental impacts of water infrastructure projects eligible for WIFIA credit assistance

- Presents nationwide information on existing conditions
- Discusses potential impacts and mitigation measures that might typically occur during construction and operation of broad project types
- Provides mechanisms to evaluate site specific conditions and impacts for individual projects, and to determine if projects impacts fall within the PEA scope
- Does not require an additional public comment period
- Available at: <https://www.epa.gov/wifia/wifia-programmatic-environmental-assessment-questionnaires>



GUIDE TO CONTRACT COMPLIANCE

Borrower's Guide to Federal Requirements

- Overview of Requirements listed in the WIFIA regulations (plus some)
- Implementing guidelines
- Contract language
- Available at: <https://www.epa.gov/wifia/wifia-borrower-guide-federal-requirements>

Of note:

- Section D: Lobbying (EPA form 6600-06), Civil Rights (EPA Form 4700-4)
- Section D: Uniform Act – Land acquisition, including easements
- Section E: Certification statement on compliance with American Iron and Steel (AIS), Davis Bacon and Related Acts (DBRA), and other federal requirements



BUILD AMERICA, BUY AMERICA

- Bipartisan Infrastructure Legislation has new domestic preference requirements for iron, steel, manufactured products, and construction materials
- OMB is developing implementation guidance which is expected to include definitions, procedures for waivers, and further timing considerations
- We hope to have more information soon on implications for WIFIA projects, including those that have already been selected





POST-CLOSING EXPECTATIONS



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POST-CLOSING ACTIVITIES

Credit Monitoring and Notices

- Annual financial statements
- Annual budget or financial plan
- Other financial disclosure notices are usually satisfied through existing EMMA submission procedures for public debt

Project Monitoring

- Construction monitoring reports through construction end
- Bid docs and executed contracts (WIFIA approvals not required)

Disbursements

- Processing Time: 15 days (requests on 1st or 15th of the month)
- Requests: as frequently one per month and as few as just once





QUESTION & ANSWER SESSION



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Water Infrastructure Finance and Innovation Act (WIFIA)

[CONTACT US](#)

WIFIA Closed Loans

To date, WIFIA has closed 67 loans totaling \$12.6 billion in credit assistance to help finance nearly \$27 billion for water infrastructure projects and create 77,000 jobs.

To view projects by state, use the arrows in those columns to sort the table information. Use the Search feature to filter information.

Borrower	Project Name	State	Close Date	Loan Amount	Environmental Compliance
City of Los Angeles (pdf)	Donald C. Tillman Advanced Water Purification Facility	California	9/23/2021	\$224 million	FONSI
City of San Diego (pdf)	Pure Water San Diego	California	8/19/2021	\$120 million	Record of Decision
Orange County Water District (pdf)	PFAS Treatment Projects	California	8/18/2021	\$131 million	CATEX
Oro Loma Sanitary District (pdf)	Sewer Collection System Pipeline Rehabilitation and Replacement Project	California	8/9/2021	\$25 million	Conforms with WIFIA PEA
Sacramento County Water Authority (pdf)	Arden Service Area Distribution System Pipe Realignment and Meter installation Project	California	12/8/2021	\$81.2 million	CATEX
Silicon Valley Clean Water (pdf)	Regional Environmental Sewer Conveyance Upgrade (RESCU) Program	California	8/26/2021	\$69 million	CATEX
Silicon Valley Clean Water (pdf)	Wastewater Treatment Plant Reliability Upgrades	California	8/26/2021	\$74 million	Conforms with WIFIA PEA
Silicon Valley Clean Water (pdf)	Regional Environmental Sewer Conveyance	California	7/11/2019	\$218 million	CATEX

Borrower	Project Name	State	Close Date	Loan Amount	Environmental Compliance
	Upgrade (RESCU) Program				
City of Morro Bay	Water Reclamation Facility Project (Wastewater)	California	3/9/2020	\$25.2 million	Conforms with WIFIA PEA
City of Morro Bay	Water Reclamation Facility Project (Drinking Water)	California	3/9/2020	\$36.5 million	Conforms with WIFIA PEA
City of Oceanside	Pure Water Oceanside and Lower Recycled Water Distribution System Expansion Project	California	9/16/2020	\$69.1 million	Conforms with WIFIA PEA
City of Roseville	Water Future Initiative	California	4/23/2021	\$33 million	Conforms with WIFIA PEA
City of San Diego	Pure Water San Diego	California	11/14/2018	\$614 million	Record of Decision
City of San Mateo	San Mateo Basins 2 and 3 Collection System Improvements Project	California	12/17/2020	\$85 million	Conforms with WIFIA PEA
City of San Mateo	Wastewater Treatment Plant Upgrade and Expansion Project	California	11/5/2020	\$210 million	CATEX
City of Stockton	Regional Wastewater Control Facility Project	California	9/30/2020	\$108 million	CATEX
City of Sunnyvale	Cleanwater Program Program 2	California	10/29/2020	\$220 million	CATEX
Coachella Valley Water District	Stormwater Channel Improvement Project and Indio Regional Flood Control Project	California	1/27/2020	\$59.1 million	Conforms with WIFIA PEA

Borrower	Project Name	State	Close Date	Loan Amount	Environmental Compliance
East County Advanced Water Purification Joint Powers Authority	East County Advanced Water Purification Project	California	5/21/2021	\$388 million	Conforms with WIFIA PEA
Estero Municipal Improvement District	Wastewater Treatment Plant Upgrade and Expansion Project	California	11/5/2020	\$66.9 million	CATEX
Inland Empire Utilities Agency	Recycling Plant No. 5 Expansion Project	California	5/27/2020	\$196.4 million	CATEX
Orange County Water District	Groundwater Replenishment System Final Expansion	California	7/26/2018	\$135 million	CATEX
San Francisco Public Utilities Commission	Southeast Treatment Plant Improvements Project	California	6/12/2020	\$513.8 million	Conforms with WIFIA PEA
San Francisco Public Utilities Commission	Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	California	7/27/2018	\$699 million	CATEX
Soquel Creek Water District	Pure Water Soquel	California	9/28/2020	\$88.9 million	Conforms with WIFIA PEA

Geography	Program	Type	Description	Deadline	Eligible Applicants	Funding	Application Process	Website 1	Agency	Funding Source
California	Urban Drought Relief	Grant	Funding to address impacts on human health and safety, including providing or improving availability of food, water or shelter. Eligible projects provide immediate drought relief and could include temporary projects such as truck hauling, temporary storage tanks, and providing bottled water, as well as construction of new wells or rehab of wells used as a source of drinking water, recycled water projects that replace potable water supplies, or other CIP projects that provide drought relief and fish and wildlife benefits. The funds must be expended by 2026. The Final PSP was released on October 28, 2021. The first review of applications will occur on November 19, 2021.	Applications due on a rolling basis	Open to all counties in California.	\$200 million in total funding. \$90 million available for the first round. There will be a second round in 2022.	The funding solicitation is open and applicants are encouraged to submit applications ASAP.	https://water.ca.gov/Water-Basics/Drought/urbanmutualbenefitdrought	Department of Water Resources (DWR)	California General Fund
California	Integrated Regional Water Management Grant Program (Prop 1)	Grant	The IRWM Grant Program is designed to encourage integrated regional strategies for management of water resources by providing funding for projects and programs that support integrated water management. Specific program remaining to be funded: the Implementation Grant Program (418 million). The maximum grant amount for developing a new IRWM plan is \$1 million and for updating an existing plan is \$250,000 per IRWM Region, respectively. The grant request cannot be less than \$50,000.) Will require applicable IRWM plans meet 2016 Guidelines.	Draft Guidelines are out; Final Guidelines will be out in February 2022 with applications for cycle 1 due as early as March 2022.	Public agencies, non-profit organization, public utilities, federally recognized Indian tribes, State Indian tribes, Mutual Water Companies	Proposition 1 (Water Code §79744) authorized \$510 million for IRWM grants. Approximately \$192M is expected to be awarded for Round 2. 50% cost share is required for the application. Funds are allocated to the 12 hydrologic region-based Funding Areas and can be seen on the website.	Draft Guidelines are out; Final Guidelines will be out in February 2022 with applications for cycle 1 due in March 2022	https://water.ca.gov/programs/integrated-regional-water-management	Department of Water Resources (DWR)	Proposition 1
California	Sustainable Groundwater Management Act (SGMA) Grant Program Implementation Funding	Grant	SGMA provides funding to Groundwater Sustainability Agencies (GSAs) and other responsible entities under SGMA to promote healthy and sustainable groundwater basins, reduce and eliminate undesirable effects, and promote projects that provide multiple benefits while improving groundwater supply and quality. It is anticipated that funding will be limited to high and medium priority basins.	Round 1 for COD will open soon and will be due in Feb; Round 2 will be open in Fall/Winter 2022 (medium and high priority basins)	Groundwater Sustainability Agencies subject to SGMA and their member agencies.	Approximately \$180 million will be available for this fiscal year. Another \$180 million is expected for next fiscal year. Maximum amounts have not been specified.	The funding solicitation will open on February 1, 2022, with grant applications due one month later on March 1, 2022. (Round 1)	https://water.ca.gov/work-with-us/grants-and-loans/sustainable-groundwater	Department of Water Resources (DWR)	Proposition 68. CA Gov Climate Resilience Package/SB 170
California	Integrated Climate Adaptation and Resiliency Program	Grant	Funding to reduce the risk of climate change impacts such as wildfire, sea-level rise, drought, flood, increasing temperatures, and extreme heat events. Funds shall be expended by June 30, 2023. \$12.5 million will be established for the ICARP Regional Planning Grant Program for regions to prioritize projects that respond to the greatest climate risks.	Future solicitation anticipated (2022)	Local, regional, and tribal governments	Approximately \$10 million available in FY 21/22, \$10 million in FY 22/23, and \$5 million in FY 23/24.	Future Solicitation Anticipated (FY 21/22)	https://opr.ca.gov/planning/icarp/	Office of Planning and Research	
California	Groundwater Quality Funding - Proposition 1 Groundwater Grant Program	Grant and Loan	This program provides funds for planning and implementation groundwater projects that prevent or clean up contamination of groundwater that serves or has served as a source of drinking water. Priorities: threat posed by groundwater contamination to drinking water supply, potential for contaminate to spread, potential to enhance local water supply reliability, recharge vulnerable high-use basins, projects with no viable responsible parties. Contaminants can be natural or human-made. Funding is also available for drinking water treatment and septic-to-sewer projects that benefit DACs or EDAs and prevent or reduce contamination of municipal or domestic wells.	Future solicitation anticipated (2022)	Public Agencies, Tribes, Public Utilities, Non-Profits, Mutual Water Companies	Planning grants range from \$100,000 to \$2 million. Implementation grants range from \$500,000 to \$50 million. DAC/EDA projects can receive up to \$5 million for drinking water treatment and \$8 million for septic-to-sewer. There is a 50% cost share, which can be reduced for projects benefitting DACs/EDAs. An additional \$200 million will be available in FY 21/22, \$100 million in FY 22/23 and \$100 million in FY 23/24.	The application process involves a pre-application (concept proposal) and final application, submitted electronically via FAAST. Round 3 solicitation for Concept Proposals scheduled were open through September 7, 2021. Future solicitation is expected in FY 21/22.	https://www.waterboards.ca.gov/water_issues/programs/grants_loans/proposition1/groundwater_sustainability.shtml	State Water Resources Control Board	Proposition 1
National	WaterSMART: Title XVI WIIN Water Reclamation and Reuse Program	Grant	Grant funding for planning, design and construction of water reclamation and reuse projects eligible under section 4009(c) WIIN Act (Funding Group II).	Future solicitation anticipated (March/Spring 2022)	Sponsors of projects eligible under the WIIN Act.	\$550 million is available for WIIN earmarked projects and the competitive cycle. Up to a maximum of \$20 million per project is available. 75% cost share requirement.	Previous solicitation closed March 2021. A future solicitation is anticipated.	https://www.usbr.gov/watersmart/title/index.html	US Bureau of Reclamation	
National	WaterSMART: Title XVI WIIN Water Reclamation and	Grant	Grant funding for planning, design and construction of water reclamation and reuse projects eligible under section 4009(c) WIIN Act (Funding Group II).	Future solicitation anticipated (March/Spring 2022)	Sponsors of projects eligible under the WIIN Act.	Up to a maximum of \$20 million per project is available. 75% cost share requirement.	Previous solicitation closed June 2019. A future solicitation is anticipated.	https://www.usbr.gov/watersmart/title/index.html	US Bureau of Reclamation	
National	WaterSMART Environmental Water Resources Projects	Grant	Grant funding to benefit ecological values that have a nexus to water resources management, including projects that benefit plant and animal species, fish and wildlife habitat, riparian areas, and ecosystems. This could include water conservation and efficiency projects that result in quantifiable and sustained water savings and benefit ecological values, such as canal lining/piping, irrigation flow measurements, SCADA, and other projects that benefit ecological values; water management or infrastructure improvements to mitigate drought-related impacts to ecological values, and watershed management or restoration projects benefitting ecological values.	Future solicitation anticipated (2022)	States, tribes, irrigation districts, water districts, universities, nonprofit research institutions, organizations with water or power delivery authority, or nonprofit organizations	Up to a maximum of \$2 million per project is available. 75% cost share requirement.	Applications are submitted via Grants.gov	https://www.usbr.gov/watersmart/docs/2021/Draft-Eligibility-and-Evaluation-Criteria-for-Review-and-Comment.pdf	US Bureau of Reclamation	
National	WaterSMART – Water and Energy Efficiency Grants	Grant	Grants are provided for projects that produce quantifiable and sustained water savings and support broader water reliability benefits. The current FOA focuses on water conservation and hydropower projects related to water management and delivery, including the following: (1) Canal Lining/Piping; (2) Municipal Metering; (3) Irrigation Flow Measurement; (4) SCADA; (5) Irrigation Measures; (6) installation of a small-scale hydroelectric facility enabling use of renewable energy sources, (7) high-efficiency appliance and fixtures.	Future solicitation anticipated (2022)	States, Indian Tribes, irrigation districts, water districts, or other organizations with water or power delivery authority in the Western United States or United States Territories as identified in the Reclamation Act of June 17, 1902, as amended.	Funding Group I: Up to \$500,000 for smaller projects of up to 2 years. Funding Group II: Up to \$2 million for larger, phased projects of up to 3 years. 50% cost share required. Approximately 35-40 projects are anticipated to be awarded.	Applications are submitted via Grants.gov	https://www.grants.gov/web/grants/view-opportunity.html?oppld=327729	US Bureau of Reclamation	

