



# Upper Mokelumne River Watershed Authority

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## UMRWA Regular Governing Board Meeting

### Agenda

Friday, April 23, 2021 – 1:30 p.m.

EBMUD Mokelumne Watershed Headquarters  
15083 Camanche Parkway South, Valley Springs, CA 95252

**NOTE: Meeting will be held via WebEx**

#### ROLL CALL

#### PLEDGE OF ALLEGIANCE

PUBLIC COMMENT: When responding to a matter not on the agenda, state law limits a Board member to providing a brief response, asking clarifying questions, and/or referring it to staff.

#### AUTHORITY BUSINESS:

#### Recommended Action

- |   |                            |
|---|----------------------------|
| 1. Board Meeting Minutes of January 22, 2021  | Approve by Motion          |
| 2. Treasurer's Report – First Quarter FY 2021 | Accept for Filing          |
| 3. Forest Projects Report                     | Approve by Motion          |
| 4. Fiscal Year 2022 Budget                    | Approve by Motion          |
| 5. Legislative Issues Update                  | Discussion/Possible Action |

#### BOARD MEMBER COMMENTS:

6. Board Member Comments

#### EXECUTIVE OFFICER REPORT:

7. Executive Officer's Oral Report

#### ADJOURNMENT:

- Next Regular Board Meeting: July 23, 2021 at 1:30 p.m. (location TBD)

**Members of the public may attend** the meeting **electronically via WebEx** by request (or via telephone for audio only). To attend, email or call Lisa Stuart at 209.772.8261 or [lisa.stuart@ebmud.com](mailto:lisa.stuart@ebmud.com) no later than 24 hours before the meeting.



# Upper Mokelumne River Watershed Authority

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Agenda No: **1**

Meeting Date: April 23, 2021

Title:

Meeting Minutes of January 22, 2021

Recommended Action:

Approve the regular meeting minutes of January 22, 2021.

Summary:

The summary minutes of the January 22, 2021 meeting are included for Board review and approval.

Friday, January 22, 2021 – 1:30 p.m.  
Governing Board Regular Meeting  
Upper Mokelumne River Watershed Authority  
via WebEx and at the Mokelumne Watershed Office,  
15083 Camanche Parkway South, Valley Springs, CA 95252

### Summary Minutes

#### ROLL CALL

Directors John Coleman, Terry Woodrow, Richard Farrington, Donna Leatherman, and Jeff Davidson were present at the beginning of the meeting. Director Ed Gonzales joined the meeting at 2:00 and Director Jack Garamendi joined at 2:35. Absent: Brian Oneto, Amador County. Also present were Executive Officer Richard Sykes, Authority Counsel Greg Gillott, Authority Secretary Lisa Stuart, and 25 visitors and presenters. (Authority Secretary Lisa Stuart was the only one present in person at the Mokelumne Watershed Office.)

PUBLIC COMMENT – none.

#### AUTHORITY BUSINESS

##### **1. Special Meeting Minutes of October 29, 2020**

**Motion 01-21** to approve the special meeting minutes of October 29, 2020 was made by Director Woodrow, seconded by Director Leatherman and carried by roll call vote: Yea 5 – Nay 0 – Abstain 0.

##### **2. Treasurer’s Report – Fourth Quarter FY 2020**

A copy of the Treasurer’s Report for the Fourth Quarter of fiscal year 2020, which ended September 30, 2020, was presented to the Board.

**Motion 02-21** to accept the Treasurer’s Report for filing was made by Director Davidson, seconded by Director Farrington and carried by roll call vote: Yea 5 – Nay 0 – Abstain 0.

##### **3. Blue Forest Conservation Presentation**

UMRWA staff met with Blue Forest to discuss Forest Resilience Bond (FRB) for the Mokelumne. Blue Forest has indicated it has sufficient grant funding to prepare a Feasibility Study for a Mokelumne Watershed FRB and does not need funding from UMRWA. UMRWA expenses would only be for staff time to provide information, engage other potential partners such as PG&E, and assist with review and preparation of the Study. Given UMRWA’s recent initiation of an effort to prepare a Forest Projects Plan the timing is appropriate to begin consideration of future funding approaches to implement that Plan. Blue Forest made a presentation at this board meeting discussing its current work and how an FRB might work for the Mokelumne Watershed.

During the presentation, Directors Gonzalez (JVID), Garamendi (Calaveras County) and Blood (CPUD) joined the meeting. This increased the vote count by two (2) (Gonzalez and Garamendi) and Director Blood replaced his alternate, Director Leatherman, as the voting member for Calaveras Public Utility District.

**Motion 03-21** directing staff to begin preparation of a Memorandum of Understanding with

Blue Forest Conservation for a Feasibility Study of a Forest Resilience Bond to finance forest health projects in the Mokelumne Watershed and to authorize UMRWA staff to begin working with Blue Forest on the Feasibility Study while the MOU is prepared for board consideration at the April 2021 UMRWA board meeting was made by Director Davidson, seconded by Director Farrington and carried by roll call vote: Yea 7 – Nay 0 – Abstain 0.

#### 4. Forest Projects Report

The Board was provided with a report on the status of each of UMRWA's forest projects as of the end of 2020. With the onset of winter weather the forest work being performed this past season by UMRWA's contractors has been concluded.

The Board was also provided with a status update on two recent Authority forest project initiatives – to secure Sierra Nevada Conservancy (SNC) grant funding to complete Phase 1 (NEPA/CEQA) of the Upper Mokelumne Watershed Stewardship Project, and an Operator Survey of UMRWA forest contractors. The Board was also informed of an upcoming potential grant opportunity with the California Department of Fish and Wildlife (DFW) which could assist with funding UMRWA's Forest Project Plan (FPP).

**Motion 04-21** to accept the report and authorize the Executive Officer to pursue grant funds as appropriate for the FPP was made by Director Woodrow, seconded by Director Leatherman and carried by roll call vote: Yea 7 – Nay 0 – Abstain 0.

#### 5. Mother Lode Land Trust Agreement Extension

The Authority entered into an agreement with Mother Lode Land Trust (MLLT) in July 2020 to continue the Youth Watershed Stewardship Program (YWSP) in 2020. Under the agreement MLLT agreed to complete the program by December 31, 2020. While MLLT has made significant progress in completing the 2020 scope of work in spite of Covid-19 challenges, approximately \$2,100 remains unspent. The recommended amendment will authorize this work to be completed by June 30, 2021, overlapping the 2021 MLLT agreement.

**Motion 05-21** to approve and authorize the Executive Officer to sign Amendment 1 to extend the end date for the 2020 Mother Lode Land Trust (MLLT) agreement for the Youth Watershed Stewardship Program was made by Director Davidson, seconded by Director Woodrow and carried by roll call vote: Yea 6 – Nay 0 – Abstain 1 (Garamendi).

#### 6. Legislative Issues Update

No legislative report was included in the initial agenda package. However, an EBMUD Federal Initiatives 2021 Excerpts document was distributed to the Board prior to the meeting. The EO summarized relevant legislative information.

**Board Member Comments:** Director Coleman mentioned that meetings are still occurring virtually, though with the onset of vaccinations he is hoping that by October EBMUD might be able to conduct in Pardee BBQ and UMRWA will be able to meet in person.

**Executive Officer Comments:** The EO officer discussed 1) progress on the DAC Needs Study, 2) holding off on a future update of the MAC IRWM Plan until the DAC study is done, 3) the DFW Prop 1 restoration grant program, 4) the newly released CA Wildfire and Forest Restoration Action Plan, 5) reminded Directors to file their Form 700 timely, and 6) introduced Lorna Baisch of EBMUD who is training as UMRWA's Board Secretary to support Lisa Stuart.

**ADJOURNMENT:** Director Coleman adjourned the meeting at 3:03 p.m. in honor and memory of Euradell “Dell” Patterson. The next regular meeting will be held on April 23, 2021 at 1:30 p.m. (video conference meeting at EBMUD Mokelumne Watershed Headquarters, Camanche Parkway South, Valley Springs.)

**SUBMITTED BY:**

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Lisa Stuart, Authority Secretary

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John Coleman, Chair of the Board  
APPROVED: April 23, 2021



# Upper Mokelumne River Watershed Authority

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Agenda No: **2**

Meeting Date: April 23, 2021

Title:

Treasurer's Report – First Quarter FY 2021

Recommended Actions:

Accept for filing

Summary:

A copy of the Treasurer's Report for the First Quarter of fiscal year 2021, which ended December 31, 2020, is attached and will be presented at the Board meeting.

**UPPER MOKELUMNE RIVER WATERSHED AUTHORITY  
TREASURER'S REPORT  
STATEMENT FOR THE PERIOD ENDING DECEMBER 31, 2020**

<i>Fiscal Year 2021 (beginning Oct. 1, 2020)</i>	Assessment, Grants & USFS	Budget FY 2021	Actual		
			Current Quarter	YTD	YTD %
<b><u>General Assessments &amp; Operating Revenue</u></b>					
Amador Agencies Funding	35,044	35,044	35,044	35,044	100%
Calaveras Agencies Funding	41,546	41,546	41,546	41,546	100%
EBMUD Funding	81,910	81,910	81,910	81,910	100%
Member Agencies Contribution	158,500	158,500	158,500	158,500	100%
Prior Year Unspent/Carry forward	31,500	31,500	-	-	0%
Indirect Fee Revenues (Collected FY2020)	103,000	103,000	-	-	0%
Interest/Misc income	1,000	1,000	135	7	1%
Operating Reserve (Bal. \$408,444)	-	-	-	-	
Misc Revenue	135,500	135,500	135	7	0%
<b>Total Assessments &amp; Operations Funding</b>	<b>294,000</b>	<b>294,000</b>	<b>158,635</b>	<b>158,507</b>	<b>54%</b>
<b><u>IRWM Grant Funding</u></b>					
CCWD - West Point WTP (Prop 1)	527,287	527,287	-	-	0%
Prop 1 Grant Administration	29,160	29,160	-	-	0%
<b><u>Forestry/Watershed Funding</u></b>					
US Forest Service (West Calaveras Thin)	115,305	115,305	-	(4,694)	-4%
US Forest Service (Cabbage Patch)	-	-	-	(1,156)	
Sierra Nevada Conservancy Grant 2 (Cabbage Patch)	51,354	51,354	11,219	11,219	22%
Sierra Nevada Conservancy Grant 3 (Black Springs w/ WCT)	490,514	490,514	65,087	65,087	13%
Sierra Nevada Conservancy Mapping Tool Grant	7,392	7,392	-	-	0%
NFWF (Eldorado NF Culvert Upgrades)	610,909	610,909	-	-	0%
Sierra Nevada Conservancy Planning/NEPA Grant (pending)	150,000	150,000	-	-	0%
<b>Total Grants and Other Funding</b>	<b>1,981,921</b>	<b>1,981,921</b>	<b>76,306</b>	<b>70,456</b>	<b>4%</b>
<b>TOTAL REVENUES &amp; FUNDING</b>	<b>2,275,921</b>	<b>2,275,921</b>	<b>234,942</b>	<b>228,963</b>	<b>10%</b>
<b><u>ASSESSMENT EXPENDITURES</u></b>					
<b><u>General Assessment (Administration)</u></b>					
Executive Officer		50,000	7,584	7,584	15%
Administrative Officer		50,000	6,790	6,790	14%
Website Support (Woodard & Curran)		20,000	1,650	1,650	8%
<b><u>General Assessment (Operations)</u></b>					
MLLT - STE Watershed Program CY 2020&2021 (w/\$16,500 carry forward)		33,000	11,310	11,310	34%
Inter-agency liaison & Board support (LEI, Inc)		10,000	1,149	1,149	11%
Forest-related Grant Applications/Project Development		40,000	7,010	7,010	18%
Collaborative Forest Projects Plan		50,000	-	-	0%
IRWM Grant Application/Project Development		25,000	-	-	0%
MAC Projects Update 2020 (Woodard & Curran) (w/\$15,000 carry forward)		15,000	-	-	0%
<b>TOTAL ASSESSMENT EXPENDITURES</b>		<b>293,000</b>	<b>35,493</b>	<b>35,493</b>	<b>12%</b>
<b><u>GRANT and FORESTRY/WATERSHED FUNDING EXPENDITURES</u></b>					
<b><u>DWR Prop 1 Implementation Grant</u></b>					
CCWD - West Point WTP		527,287	-	-	0%
Woodard & Curran - invoicing & reporting		24,972	-	-	0%
WRA - agreement administration		4,000	-	-	0%
<b><u>Cabbage Patch Restoration Project</u></b>					
Landmark Environmental Inc.		3,459	1,674	1,674	48%
Contractors		41,117	9,682	9,682	24%
<b><u>Black Springs Restoration Project</u></b>					
Landmark Environmental Inc.		17,920	3,030	3,030	17%
Ronwright Logging Lumber Inc. (RFP 19-01)		88,635	59,850	59,850	68%
Greater Valley Conservation Corp		32,962	-	-	0%
Sierra Nevada Forestry Service		143,107	59,139	59,139	41%
<b><u>NFWF - Culvert Upgrade Project</u></b>					
Landmark Environmental Inc.		49,883	11,400	11,400	23%
KW Emerson, Inc.		581,082	336,059	336,059	58%
<b><u>West Calaveras Thin/Bailey Project</u></b>					
Tanner Logging, Inc.		165,350	142,800	142,800	86%
Landmark Environmental, Inc.		5,896	1,242	1,242	21%
<b><u>SNC - Mapping Tool Project</u></b>					
Landmark Environmental Inc.		6,265	3,604	3,604	58%
<b>TOTAL GRANT EXPENDITURES</b>		<b>1,691,935</b>	<b>628,479</b>	<b>628,479</b>	<b>37%</b>
<b>Total Project Expenses</b>		<b>1,984,935</b>	<b>663,972</b>	<b>663,972</b>	<b>33%</b>



Title:

Forest Projects Report

Recommended Actions:

- (1) Approve the Memorandum of Understanding with Blue Forest Finance
- (2) Approve scheduling a Board Planning Workshop in October 2021 to discuss the Forest Projects Plan
- (3) Approve Resolution No. 2021-01 regarding grant applications
- (4) Approve Amendment 1 to Ronwright agreement

Summary:

This Forest Projects Report includes a recommended Memorandum of Understanding (MOU) with Blue Forest Finance to explore potential funding and financing options for future Mokelumne Watershed forest health projects. Also included is a summary of the Forest Projects Plan (FPP) that UMRWA is developing and for which grant funding is being sought. The State of California appears poised to begin committing substantial new resources towards implementing forest health projects in response to the recent devastating wildfires. As such, staff is recommending the Board schedule a Board Planning Workshop to discuss the FPP's development and UMRWA's role in an expanded forest health program in the Mokelumne Watershed.

Other topics addressed below include a proposed Board resolution authorizing the Executive Officer to submit grant applications when submittal deadlines make specific Board approval of such applications difficult. An amendment to Ronwright's Black Springs General Services Agreement is also recommended to complete nearly 18 acres of mastication work in the Fore project area. The report concludes with the table showing the status of previously approved fuels treatment projects and contracts.

Memorandum of Understanding with Blue Forest Finance

In January the Board directed staff to begin preparation of a Memorandum of Understanding with Blue Forest Finance for a Feasibility Study of a Forest Resilience Bond (FRB) to finance forest health projects in the Mokelumne Watershed and to authorize UMRWA staff to begin working with Blue Forest on the Feasibility Study while the MOU is prepared for board consideration at the April 2021 UMRWA board meeting

The MOU with Blue Forest commits UMRWA and Blue Forest to share information and cooperate in the development of the Feasibility Study, including information on potential



projects, partners and possible project benefits. The MOU does not commit either entity to any funding obligation and it can be terminated by either party at any time. Staff recommends approval of the MOU a copy of which is attached to this agenda item.

### Forest Projects Plan

As previously discussed with the Board the number of remaining NEPA/CEQA certified projects currently eligible for fuels treatment implementation on USFS land in the Mokelumne Watershed is severely limited. Following consultations with Calaveras Ranger District and Amador Ranger District staff, and members of the ACCG Strategic Landscape Assessment Work Group, UMRWA is taking the lead in developing a Forest Projects Plan (FPP) for a large area of the Upper Mokelumne Watershed primarily focused on property owned by the USFS. This planning initiative will facilitate the completion of a NEPA/CEQA compliant landscape-scale fuel treatments and forest restoration program for the Upper Mokelumne River Watershed.

The Forest Projects Plan FPP will be designed to improve overall ecological resilience of the natural forest. The fundamental goal of the FPP will be to reduce the risk of catastrophic wildfires in the Upper Mokelumne River watershed as quickly as possible. This goal will be achieved by seeking grants and other funding to implement projects identified in the FPP that reduce forest fuel loads and forest ladder fuels in strategically selected Calaveras NF and Eldorado NF locations in the shortest timeframe possible.

The FPP planning process has been organized into two phases in order provide the shortest timeline to begin project implementation.

Phase 1 - This phase was initiated in February by UMRWA staff. UMRWA has budgeted \$50,000 for this work and SNC has indicated that they will recommend award of a \$200,000 grant at their June 2021 board meeting.

This phase of the FPP will focus on identifying up to 10,000 acres of forest health projects that will require the least amount of work to complete planning and environmental documentation and thus be ready for grant funding and implementation by UMRWA as soon as possible. UMRWA will use the information from the recently completed Mapping Tool Project to identify and evaluate projects, and then work with the two ranger districts to develop the projects such that NEPA and CEQA can be completed. These are expected to be the type of low controversy work UMRWA has conducted to date such as mastication and hand treatments in overgrown forests. It is anticipated that much of this work may be eligible for expedited environmental review such as categorical exclusions and exemptions. UMRWA will also focus on areas where the forest service or others have already surveyed for archeological and biological resources thus further reducing costs and schedule. During project identification and development, it is anticipated that many projects will be identified that require more substantial work to complete NEPA/CEQA. These projects will be the focus of Phase 2.

Phase 2 - This is the more complex element of the FPP planning effort, requiring significant field studies and agency coordination. A CA Department of Fish and Wildlife application for \$472,000 in Prop 1 grant funding was submitted in February. UMRWA's application was one of 128 submitted requesting a combined \$178M with about \$285M available. UMRWA staff have also proposed that an additional \$50,000 be earmarked in the upcoming FY22 UMRWA Budget. Additional funding or services will be requested from the USFS for archeological and biological surveys.

Phase 2 aims to dramatically increase the coverage of Phase 1 and address 50,000 acres or more. It would include the applicable field surveys, detailed environmental analyses, evaluation of alternatives, applicable mitigation measures and related environmental reviews necessary to properly advance these projects to action-ready status. Critical to the success of this Phase 2 will be project and related environmental reviews by the ACCG and the public. The project work plan anticipates the use of a professional facilitator to organize and conduct review meetings involving the ACCG and/or its subcommittees.

UMRWA’s role in forest health planning and project implementation is on the threshold of a major expansion in terms of scope and responsibility. With UMRWA’s central role in conducting the FPP process, and with its budding partnership with Blue Forest Finance for project financing opportunities, staff is recommending the Board of Directors conduct a Board Planning Workshop in October 2021 to consider the near and long-term aspects of UMRWA’s evolving role in planning and executing Upper Mokelumne Watershed forest restoration programs.

Resolution Regarding Future Grant Applications

A standard requirement in many grant application processes is submittal of a resolution that authorizes the applicant’s submittal of the grant proposal. Typically the UMRWA Board approves those resolutions individually, with a unique resolution prepared for each grant funding application. There are instances when the Board meeting schedule does not coincide with grant application deadlines and fulfilling the resolution requirement has been problematic. To remedy this circumstance it is recommended the Board approve Resolution No. 2021-01 authorizing, with conditions, the Executive Officer’s submittal of grant applications when circumstances make it necessary.

First Amendment to Ronwright’s Black Springs Agreement

An amendment (Amendment 1) to the Board approved 2019 agreement with Ronwright Logging Lumber Construction, Inc. (RFP 19-01) is presented for Board approval. This amendment authorizes Ronwright to masticate an additional 17.65 acres in the Fore project area. These acres are in addition to previously planned and authorized treatments and are made possible by unused and available Sierra Nevada Conservancy grant funding.

The Amendment 1 document is included in this agenda packet.

Forest Projects Status:

<b>UMRWA FOREST PROJECTS &amp; CONTRACTS</b>						
RFP #	Contractor	Contract Date	Amount	Scheduled Completion	Actual Completion	Total Acres
<b>PUMPKIN HOLLOW – COMPLETED and CLOSED OUT</b>						
Various	Six (6) contractors	2017/2018	\$905,645	Dec. 2019	Nov. 2019	<b>927.5</b>
<b>CABBAGE PATCH - COMPLETED and CLOSED OUT (as of Dec. 31, 2020)</b>						
18-03	GTS Forestry	July 2018	\$78,327	Dec. 2019	Nov. 2019	183.8
18-04	D. Watt Industries	July 2018	\$96,880	Dec. 2019	Nov. 2019	120.2

N/A	GVCC	July 2018	\$10,800	Dec. 2019	Oct. 2019	3.5
						<b>307.5</b>
<b>BLACK SPRINGS</b>						
19-01	Ronwright	July 2019	\$144,020	Dec. 2021		151.6
19-02	Sierra Nevada Forestry	July 2019	\$297,616	Dec. 2021		812.2
N/A	GVCC	July 2019	\$ 32,962	Dec. 2021		12.8
						<b>976.6</b>
<b>FORE</b>						
19-03	Ronwright	July 2019	\$ 180,907	Nov. 2020	Nov. 2020	<b>131.3</b>
<b>WEST CALAVERAS THIN/BAILEY</b>						
20-03	Tanner Logging	August 2020	\$407,410	Dec. 2021	Dec. 2020	<b>259.5</b>
<b>PROJECT TOTALS</b>			<b>\$2,154,567</b>			<b>2,592.4</b>

# MEMORANDUM OF UNDERSTANDING

between

**BLUE FOREST FINANCE, INC**

and

**UPPER MOKELUMNE RIVER WATERSHED AUTHORITY**

This MEMORANDUM OF UNDERSTANDING (MOU), is made and entered into by Blue Forest Finance, Inc. (hereafter referred to as "Blue Forest") (and the Upper Mokelumne River Watershed Authority (hereafter referred to as "UMRWA") on April 23, 2021 (hereafter referred to as "Effective Date") to ensure understanding of roles, responsibilities, expectations, and aspirations for collaboration that all parties are agreeing to as signatories of this MOU in the pursuit of exploring possible future actions to accelerate landscape-scale forest health and resilience projects in the Mokelumne River Watershed.

**OBJECTIVE:** The objective of this Agreement is for Blue Forest and UMRWA to work cooperatively together to complete a feasibility study for the development of a Forest Resilience Bond (FRB), the purpose of which is to deploy private capital to make Mokelumne River Watershed more resilient to environmental risks such as wildfire and drought.

**BACKGROUND:** Blue Forest is a mission-driven organization that seeks to support ecological restoration work and realize the associated ecosystem service benefits for local communities. By structuring investments in projects that protect water resources and forest health, Blue Forest seeks to accelerate natural resources management activities that mitigate the effects of wildfire and drought. These non-monetary ecosystem resilience benefits that advance the public good are of critical importance and have prompted the development of the Forest Resilience Bond (FRB). Some ecosystem benefits resulting from an FRB project may be of economic benefit to project stakeholders and could support greater investment in the watershed and build public support at all levels for a project.

UMRWA is joint powers authority that promotes water quality protection, forest health and water supply reliability in the Mokelumne Watershed. UMRWA has implemented thousands of acres of forest health projects in the Mokelumne Watershed and seeks to accelerate the scale of these projects. An FRB may be an important element in that acceleration.

- I. **PURPOSE:** The purpose of this MOU is to ensure the communication and coordination necessary to explore the possible future joint actions to accelerate landscape-scale restoration, and to foster the development of a feasibility study regarding the use of an FRB to support these restoration projects in the Mokelumne Watershed. Implementing an FRB conservation finance mechanism in a strategic, collaborative manner will increase the likelihood of accelerating the scale of forest health work by augmenting public funds with one or more sources of private funding.

## **II. RESPONSIBILITIES:**

1. Blue Forest and UMRWA agree to:
  - a. Communicate and coordinate regularly on upcoming meetings and efforts to prepare an FRB feasibility study.
  - b. Cooperate in the exchange of information consistent with governing laws, regulations and policies.
  - c. Discuss possible project scope, schedule and locations that could be appropriate for an FRB with the Stanislaus and/or Eldorado National Forests or lands managed by other entities.
  - d. Collaborate in engaging local, state and federal agencies, as well as tribes in a broader effort to accelerate restoration.
  - e. Identify the potential values/benefits to be accrued from specified restoration activities and pilot methods to model, measure, and verify implementation effectiveness.
  - f. Support communication efforts in our respective capacities with close coordination regarding any FRB project advancements related to UMRWA's region of interest.
2. Blue Forest intends to:
  - a. Support implementation financing of a forest level pilot project as identified in collaboration with UMRWA following an FRB feasibility study.
  - b. Coordinate with UMRWA on any outreach to, and engagement with partner organizations, as well as local, state, and federal agencies and tribes.
  - c. Develop necessary environmental and economic models to support the identification of candidate sites in collaboration with UMRWA and other implementation partners to be identified as projects are developed.
  - d. Coordinate with UMRWA (and respective members facilitated by UMRWA) on the methods used to model and measure benefits related to FRB-funded restoration activities.
  - e. Provide updates to UMRWA on any changes associated with an FRB, new foundation support, knowledge of future investors, and the level and type of investors that may impact successful use of an FRB in UMRWA's region of interest.
3. UMRWA intends to:
  - a. Work actively with Blue Forest to identify project scope, locations and schedules where an FRB might support existing conservation or environmental goals.
  - b. Collaborate with Blue Forest and its research partners to support the environmental and economic analyses of proposed projects.
  - c. Communicate and share information openly with Blue Forest that could support project success, including spatial and environmental data, internal project documents, analyses, and permitting applications
  - d. Identify and be available to make introductions to stakeholders and potential beneficiaries.
  - e. Provide introductions to local, state and federal agencies, and tribes where inclusion could be helpful.

**III. FUNDING:** This MOU is not a commitment of funds to either party on behalf of the other party, nor does it commit either party to funding any proposed project.

- IV. EFFECTIVE DATE AND DURATION:** This MOU is at-will, and may be modified by mutual consent of authorized officials from both parties or may be terminated by either party at any time. This agreement shall become effective on the date of the last signature and shall continue until modified or terminated.
- V. NONBINDING AGREEMENT:** This MOU creates no right, benefit, or responsibility, substantive or procedural, enforceable by law or equity. The parties shall manage their respective resources and activities in a separate, coordinated and mutually beneficial manner to meet the purposes of this MOU. Nothing in this MOU authorizes the parties to obligate or transfer anything of value.
- VI. WAIVER AND HOLD HARMLESS:** The parties hereto shall indemnify and save harmless the other parties from all claims, suits and actions for or on account of any injuries or damages occasioned by the other party's act of negligence or by the act of negligence of any its employees or volunteers and at its own cost and expense shall defend any and all such claims, suits or actions. For the right of indemnification in favor of any party to remain in effect, that party (the notice party) shall give the other party (the recipient party) prompt written notice of any claim or threat of a claim which may give rise to such right of indemnification. The notice party shall give the recipient party the opportunity to defend any such claim or proceeding being defended. Without the recipient party's written consent, the notice party shall not settle, compromise or adversely affect in any manner the defense of such claim.
- VII. CONTACTS:** Individuals listed below are authorized to act in their respective areas for matters related to this agreement.

Blue Forest Principal Contact	Blue Forest Administrative Contact
Name: Nick Wobbrock Title: Co-Founder and COO Address: 2716 6 <sup>th</sup> Ave Sacramento, CA 95818 Telephone: (503) 705-7720 Email: <a href="mailto:nick@blueforest.org">nick@blueforest.org</a>	Name: Beth Bordner Title: Business Operations Manager Address: 2716 6 <sup>th</sup> Ave Sacramento, CA 95818 Telephone: (206) 463-0953 Email: <a href="mailto:beth@blueforest.org">beth@blueforest.org</a>

UMRWA Principal Contact	UMRWA Administrative Contact
Name: Richard Sykes Title: Executive Officer Address: 15083 Camanche Parkway S. Valley Springs, CA 95252 Telephone: (510) 390-4035 Email: <a href="mailto:rsykes@sbcglobal.net">rsykes@sbcglobal.net</a>	Name: Lisa Stuart Title: Authority Secretary Address: 15083 Camanche Parkway S. Valley Springs, CA 95252 Telephone: (209) 772-8262 Email: <a href="mailto:lisa.stuart@ebmud.com">lisa.stuart@ebmud.com</a>

**IN WITNESS WHEREOF**, the parties hereto have accepted and made and executed this Agreement upon the terms, conditions, and provisions set forth above as of the Effective Date.

**BLUE FOREST FINANCE INC.**

**UMRWA**

By: \_\_\_\_\_

By: \_\_\_\_\_

Nick Wobbrock, Co-Founder and COO

Richard Sykes, Executive Officer

**UPPER MOKELUMNE RIVER WATERSHED AUTHORITY**  
**RESOLUTION 2021-01**

**REGARDING GRANT APPLICATIONS AND THE  
EXECUTIVE OFFICER'S AUTHORITY TO PREPARE AND SUBMIT SAID APPLICATIONS  
TO POTENTIAL FUNDING AGENCIES**

WHEREAS, the Upper Mokelumne River Watershed Authority (UMRWA) is a Joint Powers Agency formed in 2000 to address water quality, water supply and environmental matters. UMRWA is comprised by Amador Water Agency, Calaveras County Water District, Calaveras Public Utility District, East Bay Municipal Utility District, Jackson Valley Irrigation District, Alpine County Water Agency and the counties of Amador, Calaveras and Alpine; and

WHEREAS, the Board of Directors meets regularly on a quarterly basis with Board meetings routinely scheduled in January, April, July and October each year; and

WHEREAS, the Board of Directors has determined there are potential grant funding opportunities in which grant proposal and/or application deadlines occasion a need for said applications and/or proposals to be submitted without the opportunity for specific Board action authorizing submittal of such proposals and/or applications; and

WHEREAS, the Board of Directors has determined it is in the Authority's best interest to delegate to the Executive Officer the authority to submit grant proposals and/or applications when the Executive Officer determines a well-suited funding opportunity is available on a schedule that does not permit Board of Director's explicit approval; and

THEREFORE, BY APPROVAL ON APRIL 23, 2021, the UMRWA Board of Directors hereby authorizes the Executive Officer to prepare and submit grant proposals and/or applications whenever the Executive Officer deems such proposals and/or applications are in the Authority's interest under the following conditions:

- 1) The Executive Officer will obtain approval of the UMRWA Board Chair prior to submitting the grant application to the funding agency,
- 2) The grant application will not commit UMRWA to costs not within the approved UMRWA budget and the Executive Officer's fiscal authority, and
- 3) The Executive Officer will provide a brief report to the UMRWA Board regarding the grant application at the next board meeting following submittal of that application.

Board Chair:

Secretary:

UPPER MOKELUMNE RIVER WATERSHED AUTHORITY  
AMENDMENT 1 TO GENERAL SERVICES AGREEMENT  
FOR  
BLACK SPRINGS THINNING AND MASTICATION (RFP 19-01)

THIS AMENDMENT TO GENERAL SERVICES AGREEMENT (“Agreement”) is made as of April 23, 2021 by and between the UPPER MOKELUMNE RIVER WATERSHED AUTHORITY; a joint powers agency formed pursuant to the laws of the State of California ("Authority") and RONWRIGHT LOGGING LUMBER AND CONSTRUCTION, INC. a California corporation (“Contractor”).

RECITALS

A. AUTHORITY and CONTRACTOR executed an agreement (the “Original Agreement”) on October 2, 2019, whereby CONTRACTOR agreed to provide thinning and fuel treatment services for the Black Springs Project.

B. AUTHORITY and CONTRACTOR desire to modify the Original Agreement as set forth in this Amendment 1.

C. AUTHORITY BOARD OF DIRECTORS authorized this amendment and the Executive Officer’s execution thereof at its April 23, 2021 regular meeting.

NOW, THEREFORE, the parties agree as follows:

1. The maximum compensation payable to the Contractor shall not exceed one hundred and sixty-four thousand one hundred twenty-four dollars (\$164,124.00) as shown below for the term of this Agreement.

Description	Unit of Measure	Estimated Quantity	Unit Cost	Extended Cost
Item 1. Thinning and Mastication	Acre	151.6	\$950.00	\$144,020.00
Item 2. Thinning and Mastication – Fore Project Area	Acre	17.65	\$1,139.00	\$20,104.00
Total		169.25		\$164,124.00

2. Exhibit A, Scope of Work, is amended to add 17.65 acres for mastication by Contractor, thereby increasing the total acres for mastication under this agreement to 169.25 acres. The additional treatment units are shown as Area 1 (10.55 acres) and Area 2 (7.10 acres) on the map attached to this Amendment. Areas 1 and 2 are wholly contained within Unit 70 as shown on the Fore Project Area Map included in the Original Agreement.

3. Except as set forth in this Amendment, the Original Agreement shall remain unmodified and in full force and effect.

IN WITNESS WHEREOF, the parties have executed this Amendment as of the date first set forth above.



UPPER MOKELUMNE RIVER  
WATERSHED AUTHORITY

CONTRACTOR

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Richard Sykes, Executive Officer

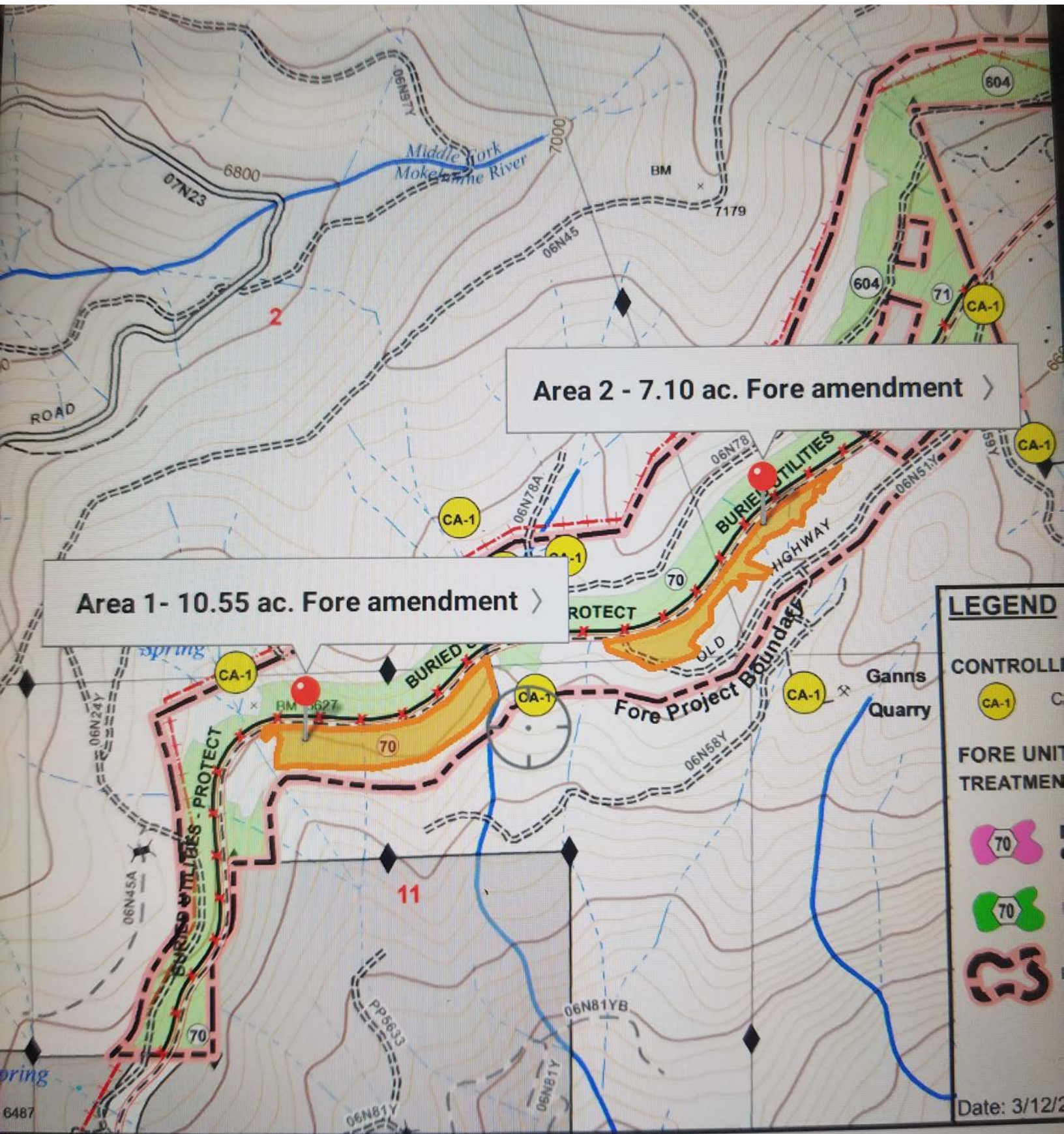
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Ron Glass, President

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Approved as to form: \_\_\_\_\_  
Greg Gillott, Authority Counsel



Area 2 - 7.10 ac. Fore amendment >

Area 1 - 10.55 ac. Fore amendment >

**LEGEND**

CONTROLLING TREATMENT



FORE UNIT TREATMENT



Date: 3/12/2012



# Upper Mokelumne River Watershed Authority

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Agenda No: 4

Meeting Date: April 23, 2021

Title:

Fiscal Year 2022 Budget

Recommended Action:

Endorse the proposed FY 2022 UMRWA budget and authorize staff to transmit the proposed budget to Member Agencies for review and comment.

Summary:

The proposed FY 2022 budget is presented in Table 1. The total member-supported portion of the proposed budget is \$302,725 (\$8,000 less than the current fiscal year).

Presented in Table 2 are member funding offsets. These are largely indirect revenues associated with USFS payments and SNC grant reimbursements. Resulting Member Agency funding allocations and resulting assessment amounts are shown in Table 3.

The budget is organized into the Authority's two primary revenue sources, Member funding and non-Member funding (grant and USFS funding). The Authority's work activities planned for FY 2022 are summarized below.

**For the Member-funded\* portion** of the proposed FY2022 budget the following activities and associated funding requirements are assumed:

- 1) Reduce the funding level for Board and Authority administration by \$8,000 (to \$112,000). This budget funds the Executive Officer and Administrative Officer positions and the Woodard & Curran contract for website technical support. Website technical support expenses were lower in recent years than budgeted and this reduction is reflected in this FY2022 budget proposal.
- 2) Maintain (unchanged) the annual funding support for the local school watershed education program at \$16,500.
- 3) Maintain (unchanged) at \$100,000 the funding level for costs associated with the forest health program, including supplemental funds for UMRWA's Forest Projects Plan.
- 4) Maintain (unchanged) at \$25,000 the funding for IRWM-related tasks requiring Member funding (e.g. possible Prop 1 Implementation Grant application).

**For the non-Member funded portions of the budget**, grant and other funding associated with SNC, NFWF and USFS sources for FY 2022 will be determined in September, the final month of UMRWA's fiscal year. Awarded but uncollected FY 2021 funds will be carried forward to FY 2022. Those amounts will be determined based on the September 30, 2021 end of fiscal year Treasurer's Report.

Budget Reserves Analysis:

The Authority's Budget Reserve Policy states: *The annual target for the budgeted reserve will first be the sum of 50% of the prior 3-year average Member Funds expenditures, plus the sum of 10% of the prior 3-year average Grant Funds expenditures. Secondly, the sum of any unsettled financial obligation(s) is then to be added to determine the total budget reserve amount for that fiscal year.*

For fiscal year 2022 the budget reserve target for is calculated at \$380,732. The current Reserve Balance is \$408,444. This balance, which exceeds by 7% the calculated FY 2022 target amount, is comparable. Accordingly, no reserve budget adjustments are proposed.

<b>Fiscal Year</b>	<b>Member \$ Expended</b>	<b>Grant \$ Expended</b>
2020	179,088	1,495,625
2019	234,006	4,202,817
2018	191,699	1,474,053
3 year average	201,598	2,390,825
Percent per Policy	50%	10%
Reserve \$ for FY 2022	100,799	239,083
Total FY 2022 (3 yr. avg.)	339,882	
CA Natural Resources	+ \$40,850 (Unbilled 2017-18 Moke W&S study)	
<b>FY22 Reserve Target</b>	<b>380,732</b>	

Indirect Revenue Projection:

Under the terms of its grant agreements with SNC and NFWF, and its SPA agreements with the USFS, the Authority charges and receives funding for indirect/overhead costs. The table below displays the indirect fee receipts UMRWA is projected to receive in FY 2022. This \$15,000 total is substantially below the \$103,000 indirect revenue expected this current fiscal year. The variation is due to the scheduled completion in 2021 of several SNC and USFS funded projects. Additional indirect revenues may be secured with new grant awards (e.g. CA Department of Fish and Wildlife grant), but those revenues are presently uncertain.

<b>Indirect Revenue Funding Source</b>	<b>\$ Amount</b>
SNC (Forest Projects Plan; 50% of \$22,500)	11,250
USFS (Black Springs, Fore, WCT)	2,250
NFWF	1,500
<b>Estimated Indirect Revenues FY 2022</b>	<b>\$15,000</b>

**Table 1 – PROPOSED FY 2022 BUDGET**

Programs	Categories	Member Funds	Other Funds (DWR, USFS, SNC)	Total Member Funded Program Budgets
Board and Authority Admin.	Executive Officer	50,000		112,000
	Administrative Officer	50,000		
	Web technical support	12,000		
Watershed Ed.	Public schools program (STE)	16,500		16,500
Forest Health	Cabbage Patch Project	--	Carry forward	100,000
	Black Springs	--	Carry forward	
	NFWF Culverts Project	--	Carry forward	
	West Calaveras Thin	--	Carry Forward	
	Forest Projects Plan	50,000		
	Forest-related Grant Applications	40,000		
	Inter-agency liaison & Board support	10,000		
IRWM	Grant applications	25,000		25,000
Grant Pass-through	West Point Water Reliability Project	0	\$527,287	0
	UMRWA administration	0	\$29,160	
<b>TOTAL BUDGET</b>		<b>\$253,500</b>	Carry forward	<b>\$253,500</b>

Carry forward amounts to be determined based on amount of Other Funds received vs. pending as of Sept. 30, 2021

**Table 2 – FY 2022 MEMBER AGENCY FUNDING OFFSETS**

Member assessments	As required by the above Proposed Fiscal Year Budget	\$253,500
Off budget <i>In-kind</i> contributions*	Authority Legal Counsel \$6,500 (Amador County) Accounting (\$25,725), annual audit (\$5,240) and Authority Secretary (\$11,760) (EBMUD)	\$49,225*
	<b>TOTAL MEMBER SUPPORTED BUDGET =</b>	<b>\$302,725</b>
Indirect Fee/ Overhead revenues	SNC, USFS and NFWF grant indirect receipts	(\$15,000)
	<b>TOTAL REQUIRED MEMBER FUNDING =</b>	<b>\$287,725</b>

\* In-kind labor costs are Member-provided estimates of prior year work performed in support of UMRWA.

**Table 3 – FY 2022 MEMBER FUNDING ALLOCATIONS & ASSESSMENTS**

Formula % Share	Member Agency %	Proposed FY22 Allocation	In-Kind Credit	Proposed FY 2022 Assessment	Actual FY 2021 Assessment
Amador Entities 20%	Amador County – 9.2%	26,470	(6,500)	19,970	12,610
	Amador Water Agency – 9.2%	26,470	0	26,470	19,110
	Jackson Valley ID – 1.6%	4,604	0	4,604	3,324
Calaveras Entities 20%	Calaveras County – 6.0%	17,264	0	17,264	12,464
	Calaveras County WD – 9.6%	27,622	0	27,622	19,942
	Calaveras PUD – 4.4%	12,660	0	12,660	9,140
EBMUD	EBMUD – 60%	172,635	(42,725)	129,910	81,910
<b>TOTAL</b>		<b>\$287,725</b>	<b>\$49,225</b>	<b>\$238,500</b>	<b>\$158,500</b>



# Upper Mokelumne River Watershed Authority

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Agenda No: **5**

Meeting Date: April 23, 2021

Title:

Legislative Issues Update

Recommended Action:

For discussion and possible action – legislative matters discussed by the Board.

Summary:

The information on the following three bills (AB 697, AB 1570 and SB 804) was provided by EBMUD. These bills will have a beneficial impact on forest health efforts in California. The EBMUD board of directors voted to support these bills on April 13, 2021. The EO will summarize any other relevant legislative information that may be obtained prior to the Board meeting. Additionally, Board directors and/or agency staff may have particular legislation of interest and this agenda item is intended to facilitate discussion of it.

**AB 697  
(Chau)**

**FOREST RESOURCES: NATIONAL  
FOREST LANDS: GOOD NEIGHBOR  
AUTHORITY FUND: ECOLOGICAL  
RESTORATION AND FIRE RESILIENCY  
PROJECTS**

Federal law permits the U.S. Department of Agriculture’s Forest Service (Forest Service) to enter into agreements with state forestry agencies to do critical management work to keep forests healthy and productive under the “Good Neighbor Authority” (GNA). In 2018, Congress expanded the authority to permit the Forest Service to also enter into agreements with counties, groups of counties and federally recognized Indian tribes, and to allow states to retain funds from timber sales allowed by the GNA.

Existing law also authorizes the Forest Service to use stewardship agreements to engage any non-federal partner when there is mutual interest and mutual benefit for a proposed project to be implemented on federal land. Although there are differences between GNA agreements and stewardship agreements—such as eligible partners, maximum agreement duration, project goals and match requirements—both types of agreements strengthen coordination and collaboration to increase pace and scale of restoration across national forest land.

At the state level, existing law establishes the Good Neighbor Authority Fund (GNA Fund), administered by the California Department of Forestry and Fire Protection (CAL FIRE). These funds are available, upon appropriation by the legislature, for state departments or agencies to undertake forest health and fuels reduction projects on federal lands. The GNA Fund is the depository for revenues derived from the sale of forest products from federal lands, consistent with federal law. The GNA Fund was established by AB 92 (Committee on Budget, Statutes of 2020). AB 697 (Chau), as introduced February 16, 2021, is the next step in formalizing a GNA program in California.

According to the author, the objective of AB 697 is to “help the state plan, manage and implement forest restoration projects on Forest Service lands...that would accelerate the pace and scale of ecologically based forest management.” The author notes that “the federal government owns and manages 57% of California’s 33 million acres of forestland” and that “many major wildfires start on federal forestlands [and] then spread and damage communities throughout our state.”

Specifically, the bill would require CAL FIRE to establish a program to conduct ecological restoration and fire resiliency projects on national forest lands and would make the planning and implementation of these projects eligible for GNA funding. Priority would be given to forest restoration and fuels reduction projects that are landscape scale, are focused on ecological restoration and based on the best available science, emphasize the use of prescribed fire, and include as important goals community fire protection and the protection of water infrastructure and other infrastructure. The bill allows CAL FIRE to contract with Native American tribes, local governments, forest collaboratives, resource conservation districts, and qualified non-governmental organizations for these projects.

**AB 1570**  
**(Committee on**  
**Natural Resources)**

**PUBLIC RESOURCES: OMNIBUS BILL**

Existing law requires the California Department of Forestry and Fire Protection (CAL FIRE) to assist local governments in preventing future wildland fire and vegetation management problems by making its wildland fire prevention and vegetation management expertise available to local governments to the extent possible within CAL FIRE's budgetary limitations.

AB 1570, an omnibus bill authored by the Assembly Natural Resources Committee, would make minor, non-controversial changes to several unrelated provisions contained in the Public Resources Code, including one of relevance to local governments. The bill clarifies, for purposes of the requirement in existing law that CAL FIRE make its wildland fire prevention and vegetation management expertise available, that the definition of "local governments" includes "cities, counties, and special districts." The bill also expands and modernizes the public resource benefits specified in existing law that may accrue from CAL FIRE's expertise in these areas.

**SB 804**  
**(Glazer)**

**CALIFORNIA CONSERVATION CORPS:**  
**FORESTRY TRAINING CENTER**

Existing law establishes the California Conservation Corps (Corps) in the Natural Resources Agency and requires the Corps to implement and administer the various Corps programs. The Director of the Corps may establish the Education and Employment Reentry Program to develop, partner with, and create opportunities for certain forestry corps program objectives.

SB 804 (Glazer), as amended April 5, 2021, would require the Director of the Corps, in partnership with the California Department of Forestry and Fire Protection (CAL FIRE) and the Department of Corrections and Rehabilitation (CDCR), to establish a forestry training center in northern California to provide enhanced training, education, work experience, and job readiness for entry-level forestry jobs.

According to the measure, the focus of the new facility would be on forestry and would be modeled after an existing firefighting training and certification facility located in Ventura, California. In addition to forestry training, the northern California training center could also provide training modules in fire prevention, fire suppression, emergency incident response, and resource management. Priority for enrollment at the training center would be given to formerly incarcerated individuals who have successfully served on a California Conservation Camp Program crew and were recommended by the Director of CAL FIRE and the Secretary of CDCR. Successful completion of a training program at the training center would constitute qualifying experience for an entry-level forestry position at CAL FIRE.

According to the author, "the state already allows incarcerated individuals to work on firefighting crews...creating a forestry training program for formerly incarcerated individuals will decrease recidivism rates by creating a path to gainful employment while increasing the number of forestry professionals in the state."