Ark Basin Roundtable - Environmental & Recreation Committee March Meeting Notes Monday, March 27, 2023 10:00am – 11:00am Zoom

A regular meeting of the Environmental – Recreation Committee of the Arkansas Basin Roundtable convened virtually. The meeting was called to order by Rena Griggs, Ark Basin Envi-Rec - Agency Liason (Bob Hamel, Envi-Rec Committee Chair, was unable to attend).

Attendees:

Roundtable Members: Mannie Colon (Canon City Area Farmer, Roundtable Rep), Dwayne McFall (Fremont County)

Agency Liaisons: Rena Griggs (CPW – Water Specialist – SE Region), Tom Waters (CPW – AHRA State Park Manager – SE Region); PJ Klavon (USFS)

Stakeholders & Frequent Guests: Kyle Horne (Canon City Recreation & Park District), Chris Lamson (TU Collegiate Peaks Chapter), Jonathan Paklaian (ARWC), Lisa Walters (CO Springs Utilities), Luke Javernick (River Science)

March 27, 2023 Envi-Rec Committee Meeting Notes:

- Voluntary Flow Management Program Updates (Rena) Bureau of Reclamation forecast (as of March 7) is 59K acre-feet of Fry-Ark Project Water (this is slightly above average). This means flows will likely be available for boating (Target 700 cfs at Wellsville gauge from July 1-Aug 15). Target flows for other times of year are also within range.
- 2. March 26 Snow Water Equivalent Map from USDA Ark Basin now at 97% of median (Rena). (Received some snow at Wolf Creek pass recently, which bumped us up). See attached map.
- 3. Colorado Water Conservation Board March 15-16, 2023 Board Meeting and grant outcomes for Watershed Health and Recreation Grant or Water Supply Reserve Fund Grant:
 - a. Chaffee County Four Mile Creek (north of Buena Vista) Multi benefit restoration (Request \$115,000) Recommended for full funding.
 - Southmoor Drive Channel and Floodplain Restoration by Fountain Creek Watershed and Flood Control Greenway District, South of Security along I-25 (Request \$700,000).
 Recommended for full funding.
 - c. Riparian Restoration Project on Fountain Creek in Colorado Springs by Mile High Youth Corps (Request \$22,000). Not recommended for funding.
 - d. UAWCD Trout Creek Intra-ditch exchange, well and pipeline (Request \$485,000). Recommended for full funding.
- 4. CPW Updates (Rena): (1) Salida Low Head Dam Removal waiting for outcome next month of National Fish Passage Program grant (Requested \$1.1 Million); Also recently requested \$200,000 funding from Congressional District Spending. (2) CPW recently coordinated with BLM on finding water opportunities for storage in DeWeese, with intent to make releases to Grape Creek. (3) In far Southeast Colorado, the Amity Ditch Company (Holly) is working on a dam rehab for Queens Reservoir, a storage vessel for Amity water, and also a CPW State Wildlife Area.

- 5. *New* Colorado Legislature Proposed CO Stream Restoration Bill (Luke). The Ark Basin RT recently shared the draft Stream Restoration Bill; Luke gave us an overview of it. In short, it divides types of projects into categories and proposes to require registration with the Colorado Div of Water Resources for evaluation of any possible water right injury. This has been a hot issue lately since stream restoration is needed all around the state, yet water rights issues tends to delay project timelines or create considerable added cost. Some projects may cause ponding of water which leads to evaporative loss, requiring augmentation. Mannie Colon reported that Colorado Water Congress is tracking this bill very closely.
- 6. Ark River Watershed Collaborative Update (Jonathan): ARWC's recent request for CWCB grants (WSRF) was approved. This will go toward work in Lake County for culvert replacement and additional personnel needed to manage projects. Also, ARWC has a job opening for a Fuels Mitigation Specialist (see attached job description).
- 7. Black Hills Energy Property (Canon City) Update: (Kyle, Tom, and Dwayne) This project is regarding rafting recreation improvements (put-in, take-out site) along the Ark River at this property. An informational (County Commission?) meeting was held in late February 2023. It was decided to move the issue into an executive session, as there's logistics / legal issues related to selling of property.
- 8. Canon City Recreation & Park District Reactivate Ark River channels in John Griffin Regional Park: (Kyle Horne & Luke Javernick) Meeting scheduled for next Tuesday with River Science and Rec District to explore options and set priorities to get water through this area. Water rights is also an issue here.
- 9. USFS Updates (PJ Klavon): Forest Service working on Bear Creek at FS Road 101 opened with low water crossings, but looking to get culverts in there and do bank stabilization work up and downstream of those sites. Monarch Pass Park campground (South of Hwy 50) under renovation. In a separate but nearby project, dredging ponds and prepping area for an ADA fish pier installation in cooperation with TU. Fooses and Garfield dams (S. Arkansas River) also still in slow progress towards being removed.
- 10. **Trout Unlimited update (Chris Lamson):** TU working on fishing-is-fun grant and looking for design input on ADA fishing pier near Monarch pass. Also, South Ark River Riparian Restoration Project (last 1.2 miles before confluence with mainstem) still looking for funding for design.
- 11. Ark River Basin Water Forum Update: (Rena, Mannie, Luke) The 2023 forum is set for April 25-26 at the DoubleTree Hotel in Colorado Springs. (The ARBWF moves to different locations around the basin each year...last year it was in Salida). This is a great event for networking all things water in the Ark Basin. All are welcome. Registration is now open! check the website for details at https://www.arbwf.org/. Luke shared that 24 Canon City High School Students will attend one day of the forum and attend the stream gauge tour. They are excited to see/learn from various water stakeholders! Introduce yourself if you see them. They will have a table showing their class final projects.

Mark your Calendar:

Next Ark Basin Roundtable Meeting – April 12, 12:30-3:00pm, In person & Hybrid (This meeting always held 2nd Wed of the month).

Next Envi-Rec Committee Meeting, June 26, 2023. Stay tuned for emails.

See below for more info on the Ark Basin Roundtable Environmental – Recreation Committee.

About us:

Arkansas Basin Roundtable – Environmental & Recreation Committee Purpose and Goals

The Environmental - Recreation Committee's purpose

- Ark Basin RT legislative directive...to propose projects or methods, structural and non-structural, to meet environmental and recreational needs.

-Constantly review Basin Implementation Plan, evaluate goals and priorities.

-Consider sustainability values (economic, social, environmental) as we evaluate environmental & recreation issues, projects, and priorities.

-Work with Needs Assessment Committee to advise on environmental and recreation priorities (but do not infringe on Needs Assessment Committee).

-Encourage environmental & recreation groups to come to this committee before approaching Needs Assessment Committee or Roundtable. This committee can aid by providing letters of support of certain projects.

-Outreach and education. Continually strive to bring awareness of past, present, and future envi & rec projects.

Environmental - Recreation Committee structure

-Bob Hamel (AROA), Ark Basin Roundtable At Large Recreation Rep, Chair

-Rena Griggs (CPW) Vice or Co-chair (non-voting RT member).

-Blake Osborne (LAVWCD) Ark Basin Roundtable At Large Environmental Rep

-Mark Shea (CSU)(ARWC) Ark Basin Roundtable Chair

-Matt Heimrich (Palmer Land Trust / Otero Farmer) and Ark Basin Roundtable Vice Chair

Difference between (Non-Consumptive) Envi-Rec Committee and the Ark River Watershed Collaborative (ARWC)?

-Discussion: ARWC is like the "operating body" or "fiscal agent" of the NC committee...

...whereas the NC committee itself is the group of experts offering advisement on projects and priorities.

Envi-Rec Committee Meeting Goals

-Strive for a purpose for every meeting; provide an agenda prior to each meeting.

-Set a regular schedule - last Monday of every month in Canon City (and occasional other locations). -Send out a meaningful agenda, ahead of meeting.

-Emphasize all folks are welcome; grow the invite list; invite special guests for specific planned topics.

-For each month's agenda, expect agency updates from USFS, BLM, CPW, and ARWC.

First Regular Session Seventy-fourth General Assembly STATE OF COLORADO

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LLS NO. 23-0640.02 Sarah Lozano x3858

SENATE BILL

SENATE SPONSORSHIP

Roberts,

(None),

HOUSE SPONSORSHIP

BILL TOPIC: Projects To Restore Natural Stream Systems

A BILL FOR AN ACT

101 CONCERNING PROJECTS THAT RESTORE THE ENVIRONMENTAL HEALTH

102 OF NATURAL STREAM SYSTEMS.

Bill Summary

(Note: This summary applies to this bill as introduced and does not reflect any amendments that may be subsequently adopted. If this bill passes third reading in the house of introduction, a bill summary that applies to the reengrossed version of this bill will be available at <u>http://leg.colorado.gov</u>.)

The bill establishes that stream restoration projects are essential for the protection of public safety, welfare, property, and the environment. It creates a rebuttable presumption that a project that is designed and constructed within a natural stream system for certain restoration purposes (stream restoration project) does not cause material injury to vested water rights (rebuttable presumption). A holder of a vested water right may challenge the rebuttable presumption by sufficiently demonstrating in a court of competent jurisdiction that the

Capital letters or bold & italic numbers indicate new material to be added to existing law. Dashes through the words indicate deletions from existing law.



operation of the stream restoration project has <u>caused material injury</u> to <u>a vested water right</u>.

The bill also requires that, at least <u>63</u> calendar days before the commencement of a stream restoration project, the owner or proponent of the stream restoration project register the project with the state engineer and provide notice to the substitute water supply plan notification list (registration and notification requirement).

If a stream restoration project is limited to certain minor restoration activities:

- The stream restoration project does not cause a material injury to any vested water right;_____
- <u>The stream restoration project is not an unnecessary dam or</u> <u>other obstruction;</u> and
- The owner or proponent of the stream restoration project is not required to comply with the registration and notification requirement.
- *1* Be it enacted by the General Assembly of the State of Colorado:
 - **SECTION 1. Legislative declaration.** (1) The general assembly
- 3 finds and declares that:

2

4

- (a) Functioning natural streams are beneficial to all Coloradans
- 5 because they provide abundant clean water for farms and cities as well as
- 6 broad-based public safety and ecological services, including:
- 7 (I) Forest and watershed health;
- 8 (II) Wildfire mitigation and recovery;
- 9 (III) Drought resilience;
- 10 (IV) Flood safety;
- 11 (V) Water quality;
- 12 (VI) Recreation; and
- 13 (VII) Riparian and aquatic habitats;
- (b) Functioning natural streams that are connected to floodplainsbalance the patterns of sediment erosion and deposition, which protects
- 16 water infrastructure, including diversion structures, ditches, pumps, pipes,



and reservoirs, that are susceptible to damage and adverse impacts from 1 2 sedimentation, especially sedimentation resulting from fires and floods; 3 (c) Most of Colorado's one hundred thousand miles of streams 4 have experienced floodplain alteration due to a diverse range of impacts 5 that render the streams nonfunctional, which has resulted in the reduction 6 or loss of the benefits described in subsection (1)(a) of this section; 7 (d) Colorado has taken steps to address the long-term detrimental 8 effects of climate change on Colorado's water resources, public lands, 9 wildlife populations, critical infrastructure, and forest health by funding 10 a wide variety of projects that address those effects; 11 Stream restoration projects are an essential tool for water (e) 12 project developers and wastewater and stormwater dischargers to meet 13 regulatory obligations; 14 (f) Stream restoration projects address the legacy of water quality 15 and habitat impacts from abandoned mines or catastrophic mine spills that 16 have deprived entire communities of safe drinking water; and 17 (g) The Colorado water plan sets a vision for thriving watersheds 18 and calls for multi-benefit projects that restore stream health to enhance 19 water supply security for agriculture, communities, tourism, and 20 ecosystem function. 21 (2) The general assembly therefore declares that because of the 22 vast amount of benefits that natural streams provide the state's 23 communities and environment, the state should facilitate and encourage 24 the commencement of projects that restore the environmental health of 25 natural stream systems. 26 SECTION 2. In Colorado Revised Statutes, 37-92-602, add (9) 27 as follows:

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LE: Please remove double underlining before returning to drafter. 1	37-92-602. Exemptions - presumptions - stream restoration	UNEDITED UNREVISED REDRAFT 3/17/23
2	projects - report - legislative declaration - definitions. (9) (a) THE	Double underlining denotes changes from prior draft
3	GENERAL ASSEMBLY HEREBY DECLARES THAT STREAM RESTORATION	
4	PROJECTS ARE ESSENTIAL FOR THE PROTECTION OF PUBLIC SAFETY,	
5	WELFARE, PROPERTY, AND THE ENVIRONMENT.	
6	(b) As used in this subsection (9), unless the context	
7	OTHERWISE REQUIRES:	
8	(I) "HISTORICAL" MEANS THEEXTENT OF A NATURAL STREAM	
9	SYSTEM BEFORE ALTERATION OF THE NATURAL STREAM SYSTEM BY	
10	HUMAN CAUSES OR NATURAL DISASTERS.	
11	(II) "Historical or existing extent" means the delineated	
12	AND QUANTIFIED HISTORICAL OR EXISTING AREA OF NATURAL STREAM	
13	SYSTEM THAT CAN BE DEMONSTRATED BY THE OWNER OR PROPONENT OF	
14	A STREAM RESTORATION PROJECT THROUGH METHODS THAT INCLUDE	
15	HISTORICAL AERIAL PHOTO REVIEW, REVIEW OF UNITED STATES	
16	GEOLOGICAL SURVEY TOPOGRAPHICAL MAPS, FLUVIAL HAZARD ZONE	
17	MAPPING, REMOTE SENSING, SOIL SURVEYS,WETLANDS INVENTORY	
18	MAPPING <u>, AND OTHER SCIENTIFICALLY-VALI</u> D METHODS.	
19	(III) "MINOR $\underline{\text{STREAM}}$ RESTORATION ACTIVITY" MEANS ANY OR ALL	
20	OF THE FOLLOWING ACTIVITIES:	
21	(A) STABILIZING A NATURAL STREAM <u>SYSTEM</u> WITH HARD OR	
22	BIO-ENGINEERED STRUCTURES COMPOSED OF WOOD, ROCK, OR NATURAL	
23	MATERIALS WITH THE PRIMARY OBJECTIVE OF STABILIZING THE NATURAL	
24	<u>STREAM SYSTEM AND ONL</u> Y RESULTING <u>I</u> N AN INCIDENTAL INCREASE IN	
25	SURFACE AREA;	
26		
27	(<u>B</u>) Grading the ground surface along a natural stream	

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to drafter. 1	SYSTEM IN A MANNER THAT DOES NOT RESULT IN GROUNDWATER	3/17/23 Double underlining
2	EXPOSURE, DIVERSIONS OF SURFACE WATER, OR THE COLLECTION OF	denotes changes from prior draft
3	STORM WATER;	
4	(<u>C</u>) Installing structures or reconstructing a channel	
5	FOR THE SOLE PURPOSE OF CONTROLLING EROSION ON <u>AN EPHEMERAL</u>	
6	NATURAL STREAM;	
7	(\underline{D}) Daylighting a natural stream that has been piped or	
8	BURIED;	
9	(\underline{E}) R EMOVING INVASIVE VEGETATION FROM OR PLANTING	
10	VEGETATION IN A NATURAL STREAM SYSTEM;	
11	(\underline{F}) Building fencing to control the movement of animals	
12	WITHIN AND AROUND A NATURAL STREAM SYSTEM; AND	
13	(\underline{G}) Installing structures or reconstructing a channel in	
14	A NATURAL STREAM SYSTEM FOR THE SOLE PURPOSE OF RECOVERY FROM	
15	THE IMPACTS OF A WILDLAND FIRE OR FLOOD EMERGENCY.	
16	(IV) "NATURAL STREAM" HAS THE MEANING SET FORTH IN	
17	SECTION 37-87-102 (1)(b).	
18	(V) "NATURAL STREAM SYSTEM" MEANS THE HISTORICAL OR	
19	EXISTING EXTENT OF A NATURAL STREAM IN THE STATE, INCLUDING THE	
20	GEOMORPHIC FLOODPLAIN AND ASSOCIATED RIPARIAN AREA.	
21	(VI) "STREAM RESTORATION PROJECT" MEANS A PROJECT THAT IS	
22	DESIGNED AND CONSTRUCTED:	
23	(A) WITHIN A NATURAL STREAM SYSTEM; AND	
24	(B) FOR THE PURPOSES OF WILDLAND FIRE MITIGATION, FLOOD	
25	MITIGATION, BANK STABILIZATION, WATER QUALITY PROTECTION OR	
26	RESTORATION, HABITAT OR ECOSYSTEM RESTORATION, DROUGHT	
27	RESILIENCE, SOURCE WATER PROTECTION, INFRASTRUCTURE PROTECTION,	

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LE: Please remove double underlining before returnin			UNEDITED UNREVISED REDRAFT
to drafter.	1g 1	OR SEDIMENT AND EROSION MANAGEMENT.	3/17/23
	2	(c) (I) EXCEPT AS SET FORTH IN SUBSECTION $(9)(e)(I)$ of this	Double underlining denotes changes from prior draft
	3	SECTION:	
	4	(A) THERE IS A REBUTTABLE PRESUMPTION THAT A STREAM	
	5	RESTORATION PROJECT DOES NOT CAUSE MATERIAL INJURY TO VESTED	
	6	WATER RIGHTS; AND	
	7	(B) The holder of a vested water right may challenge the	
	8	REBUTTABLE PRESUMPTION BY BRINGING AN ACTION IN A COURT OF	
	9	COMPETENT JURISDICTION.	
	10	(II) The holder of a vested water right may rebut the	
	11	REBUTTABLE PRESUMPTION PURSUANT TO SUBSECTION $(9)(c)(I)(B)$ of	
	12	THIS SECTION BY PRESENTING EVIDENCE SUFFICIENT TO SHOW THAT THE	
	13	OPERATION OF A STREAM RESTORATION PROJECT HAS CAUSED MATERIAL	
	14	INJURY TO THE VESTED WATER RIGHT	
	15	(d) EXCEPT AS SET FORTH IN SUBSECTION $(9)(e)(II)$ of this	
	16	SECTION, AT LEAST <u>SIXTY-THREE</u> CALENDAR DAYS BEFORE THE	
	17	COMMENCEMENT OF A STREAM RESTORATION PROJECT, THE OWNER OR	
	18	PROPONENT OF THE STREAM RESTORATION PROJECT SHALL:	
	19	(I) Register the stream restoration project with the state	
,	20	ENGINEER ON A FORM PRESCRIBED BY THE STATE ENGINEER; AND	
	21	(II) PROVIDE NOTICE TO THE SUBSTITUTE WATER SUPPLY PLAN	
,	22	NOTIFICATION LIST MAINTAINED BY THE STATE ENGINEER PURSUANT TO	
	23	SECTION $37-92-308$ (6) For the water division in which the stream	
,	24	RESTORATION PROJECT IS LOCATED. THE NOTICE MUST INCLUDE:	
,	25	(A) THE LOCATION OF THE STREAM RESTORATION PROJECT;	
,	26	(B) CONTACT INFORMATION FOR THE OWNER OR PROPONENT OF	
	27	THE STREAM RESTORATION PROJECT;	

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LE: Please remove double underlining before returning	UNEDITED UNREVISED REDRAFT
to drafter. 1	(C) A DESCRIPTION OF ANY PURPOSES OF THE STREAM 3/17/23 Double underlining
2	RESTORATION PROJECT, AS DESCRIBED IN SUBSECTION $(9)(b)(VI)(B)$ OF denotes changes from prior draft
3	THIS SECTION;
4	(D) A PROJECT MAP, DESIGN, AND DESCRIPTION DEMONSTRATING
5	THAT THE STREAM RESTORATION PROJECT IS DESIGNED WITHIN THE
6	HISTORICAL OR EXISTING EXTENT OF THE NATURAL STREAM SYSTEM; <u>AND</u>
7	(\underline{E}) A summary of the outreach regarding the stream
8	RESTORATION PROJECT, INCLUDING A DESCRIPTION OF THE BEST EFFORTS
9	MADE TO PROVIDE NOTIFICATION OF THE STREAM RESTORATION PROJECT
10	TO NEIGHBORING WATER RIGHTS OWNERS AND THE BASIN ROUNDTABLE OF
11	THE WATER BASIN WHERE THE STREAM RESTORATION PROJECT IS
12	LOCATED.
13	(e) IF A STREAM RESTORATION PROJECT IS LIMITED TO ONE OR
14	MORE MINOR <u>STREAM</u> RESTORATION ACTIVITIES:
15	(I) THE STREAM RESTORATION PROJECT DOES NOT CAUSE A
16	MATERIAL INJURY TO ANY VESTED WATER RIGHT;
17	(II) THE STREAM RESTORATION PROJECT IS NOT ANUNNECESSARY
18	DAM OR OTHER OBSTRUCTION; AND
19	(III) THE OWNER OR PROPONENT OF THE STREAM RESTORATION
20	PROJECT IS NOT REQUIRED TO COMPLETE THE REGISTRATION AND NOTICE
21	REQUIREMENTS DESCRIBED IN SUBSECTION $(9)(d)$ of this section.
22	(f) THE OWNER OR PROPONENT OF A STREAM RESTORATION
23	PROJECT SHALL NOT OPERATE THE STREAM RESTORATION PROJECT IN A
24	MANNER THAT ADVERSELY AFFECTS THE FUNCTION OF STRUCTURES USED
25	TO DIVERT WATER OR MEASURE WATER FLOW BY HOLDERS OF VESTED
26	WATER RIGHTS WITHOUT THE PERMISSION OF THE OWNERS OF THE
27	STRUCTURES.

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LE: Please remove double underlining before returning to drafter. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	 (g) ON OR BEFORE FEBRUARY 1, 2026, THE STATE ENGINEER SHALL REPORT THE FOLLOWING INFORMATION TO THE AGRICULTURE AND NATURAL RESOURCES COMMITTEE OF THE SENATE AND THE AGRICULTURE, WATER, AND NATURAL RESOURCES COMMITTEE OF THE HOUSE OF REPRESENTATIVES, OR ANY SUCCESSOR COMMITTEES: (I) THE TOTAL NUMBER OF STREAM RESTORATION PROJECTS THAT HAVE BEEN REGISTERED PURSUANT TO SUBSECTION (9)(d)(I) OF THIS SECTION; (II) ANY COMPLAINT OF MATERIAL INJURY TO A VESTED WATER RIGHT MADE PURSUANT TO SUBSECTION (9)(c)(I)(B) OF THIS SECTION, _; AND (III) THE RESULTS OF ANY STUDIES THAT THE STATE ENGINEER IS AWARE OF THAT EVALUATE IMPACTS TO HYDROLOGY OR WATER AVAILABLE TO VESTED WATER RIGHT HOLDERS DUE TO STREAM RESTORATION PROJECTS IN THE STATE. (h) NOTWITHSTANDING ANYTHING IN THIS SUBSECTION (9) TO THE CONTRARY, NOTHING IN THIS SUBSECTION (9): (I) CREATES A BASIS FOR A WATER RIGHT, CREDIT, OR OTHER RIGHT FOR THE USE OF WATER; (II) CREATES PRECEDENT FOR THE LITIGATION OF, CREATES A LEGISLATIVE DETERMINATION OF, ALTERS, OR AFFECTS ANY REAL PROPERTY INTERESTS, INCLUDING EXPRESS OR PRESCRIPTIVE FLOWAGE 	UNEDITED REDRAFT 3/17/23 Double underlining denotes changes from prior draft
23	EASEMENTS AFFECTING LAND ALONG A PUBLIC STREAM HELD BY ANY	
24	POLITICAL SUBDIVISION OR PERSON; OR	
25	(III) PROHIBITS THE STATE ENGINEER FROM TAKING ANY ACTION	
26	NECESSARY TO COMPLY WITH AN INTERSTATE COMPACT, INTERSTATE	
27	APPORTIONMENT DECREE, OR INTERSTATE AGREEMENT.	

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SECTION 3. Act subject to petition - effective date -

2 **applicability.** (1) This act takes effect at 12:01 a.m. on the day following 3 the expiration of the ninety-day period after final adjournment of the 4 general assembly; except that, if a referendum petition is filed pursuant 5 to section 1 (3) of article V of the state constitution against this act or an 6 item, section, or part of this act within such period, then the act, item, 7 section, or part will not take effect unless approved by the people at the 8 general election to be held in November 2024 and, in such case, will take 9 effect on the date of the official declaration of the vote thereon by the 10 governor.

11 (2) This act applies to stream restoration projects that have12 commenced on or after the applicable effective date of this act.

UNEDITED

SNOW WATER EQUIVALENT IN ARKANSAS

