



LOWER PUTAH CREEK COORDINATING COMMITTEE

TO: Interested Persons
FROM: Rich Marovich, Streamkeeper (SK)
DATE: October 12, 2017

SUBJECT: Agenda for Thursday, October 12, 2017 Discussion Meeting of the Lower Putah Creek Coordinating Committee – Monticello Room, Solano Irrigation District, 810 Vaca Valley Parkway, Suite 201, Vacaville from 3:30 to 5:00 PM.

No.	min	Item
1	10	Public Comment: The public is invited to comment on matters relating to Putah Creek that are not on the agenda.
2	5	Approval of Minutes: Minutes of the September meeting will be reviewed
3	30	Nursery Ops Updates: SK will review nursery operations.
		Riparian Diversion Updates: Mark Snyder will review riparian diversions.
		Interagency Comm. Updates: SK will report on interagency communications.
		Patterned Calendar
4	20	Prop 1 Planning Grant: SK will propose transfer of administration to Putah Creek Council.
5	15	Circle Farms: SK will report on a new reforestation strategy.
6	5	Correspondence: SK will report on correspondence.
7	5	Member Reports: Members will have an opportunity to report.
8		Next Meeting: The November LPCCC meeting will be held on Thursday, November 9 th at the Davis Police Department Community Room, 2600 Fifth Street from 3:30 to 5:00 PM.

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LOWER PUTAH CREEK COORDINATING COMMITTEE

TO: Interested Persons
FROM: Rich Marovich, Streamkeeper (SK)
DATE: September 14, 2017
SUBJECT: Minutes of Lower Putah Creek Coordinating Committee Decision Meeting
 Thursday, September 14 at the Solano Irrigation District Monticello Room:
810 Vaca Valley Parkway, Suite 201, Vacaville

#	Item	
1	Public Comment: There were no public comments	
2	Approval of Minutes: Minutes of the August meeting were approved.	
3	Grant Budget: The LPCCC reviewed the grant/project budget	Patterned Calendar
	Riparian Diversions: There were no flow violations.	
4	Proposed Purchase: SeaBox Tricon Refrigeration Unit: The LPCCC approved a budget of \$5,000 to purchase this item.	
5	Salmon Attraction Flow: The LPCCC concurred to pull the boards at Los Rios Check Dam on November 1 in part so that some salmon may arrive by the November 4 Winters Salmon Festival.	
6	CLOSED SESSION – STREAMKEEPER’S ANNUAL PERFORMANCE EVALUATION - Public Employee Performance Evaluation for Streamkeeper: Pursuant to Government Code Section 54957.	Streamkeeper Evaluation
7	Streamkeeper Evaluation – Open Session: The LPCCC reviewed the Streamkeeper’s performance and deferred consideration of salary adjustment.	
8	Member Reports: There were no member reports.	
9	Correspondence: There was no significant correspondence.	
	Next Meeting: The LPCCC will hold a discussion meeting of the Lower Putah Creek Coordinating Committee on Thursday, October 12 th at the Monticello Room, Solano Irrigation District, 810 Vaca Valley Parkway, Suite 201, Vacaville.	

Attendees: JD Kluge, Harold Anderson, Thomas Pate, Roland Sanford, Felix Riesenber, Sean McNamara, Andrew Fualks, Patrick Huber, Alejandro Garcia Rojas. Guests: Rod MacDonald, Mara Metz, Nicole Herr. Staff: Rich Marovich, Mark Snyder

810 Vaca Valley Parkway, Suite 203, Vacaville, California 95688 ♦ Phone: (530) 902-1794 ♦ Fax: (707) 451-6099
[http:// www.watershedportals.org/lpccc](http://www.watershedportals.org/lpccc)

*The Lower Putah Creek Coordinating Committee consists of:
 Cities of Davis, Fairfield, Suisun City, Vacaville, Vallejo and Winters; Counties of Solano and Yolo;
 Solano and Yolo Riparian Landowners; Maine Prairie Water District; Solano County Water Agency;
 Solano Irrigation District; Putah Creek Council and University of California, Davis*



LOWER PUTAH CREEK COORDINATING COMMITTEE

To: LPCCC Board Members

From: Rich Marovich, Streamkeeper

Date: September 14, 2017

RE: Prop 1 Planning Grant – Proposed Administration Changes

BUDGET IMPACT: Reallocate balance of Admin budget (~ \$80,000) to Putah Creek Council

RECOMMENDATION: Approve

SUMMARY: This is a proposal to reallocate tasks and budgets within the Prop 1 Planning Grant to shift administration of the project to Putah Creek Council - already a partner in the project leading the outreach efforts - and freeing up the Streamkeeper to work on conceptual restoration plans as part of SCWA's in kind contributions.

BACKGROUND: The LPCCC won a grant in the amount of \$990,312 from the Department of Fish and Wildlife to develop a set of 34 contiguous conceptual restoration plans for the main channel of Putah Creek and tributaries; hold public meetings to receive comments and develop three of these plans into shovel ready projects. The project was awarded July 1, 2016 and runs through June 30, 2019. We formed an advisory committee to help identify stakeholders and help to manage the project. Some on the advisory committee feel strongly that they want a different facilitator and Putah Creek Council is willing to hire and manage this new person. Meanwhile SCWA had planned to provide in-kind engineering as part of a matching contribution but that work has been delayed so shifting the Streamkeeper role to make up the match solves that dilemma too. Hiring another facilitator is estimated to cost \$20,000. This could come out of remaining admin funding subject to DFW concurrence. SCWA would continue to act as fiscal agent.

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LOWER PUTAH CREEK COORDINATING COMMITTEE

To: LPCCC Board Members

From: Rich Marovich, Streamkeeper

Date: September 14, 2017

RE: CIRCLE FARMS – NEW REFORESTATION STRATEGY

BUDGET IMPACT: None

RECOMMENDATION: For discussion.

SUMMARY: A record recruitment year for cottonwood seedlings inspired a new approach to reforestation based on water guns that irrigate large circles.

BACKGROUND: An exceptional flush of cottonwood seedlings inspired us to try irrigating by water guns to promote survival in dense stands for future harvesting and transplanting. Each set of a water gun irrigates a circle with a 70 foot radius. The results have been phenomenal with an estimated 10,000 seedlings per “circle farm.” Next we propose to dig, sort and plant seedlings into new circles (1,000 trees per sapling circle farm) storing bare root trees under refrigeration until planting sites are prepared. The transplants will be installed on 5 foot centers in the row with our shade tree transplanter with rows spaced about 5 feet apart, enough room for each tree to grow into a sapling for later transplanting into final positions with a tree spade. Survival of saplings is typically much higher than seedlings and irrigation frequency is much less. Overall this method has the potential to meet our planting needs for Nut Tree Mitigation over the next three years (1,000 trees per year) with less time and labor than would be required for linear plantings on drip lines. A thousand trees can eventually reforest 10 acres on 20 foot centers. The high densities mimic the way that native plants recruit in thickets. The seedling farms have overwhelmed most weeds resulting in solid stands of native trees. Nursery stock can also be planted in this way. Concentrating our initial plantings in circles concentrates our efforts on relatively small areas for efficiency.

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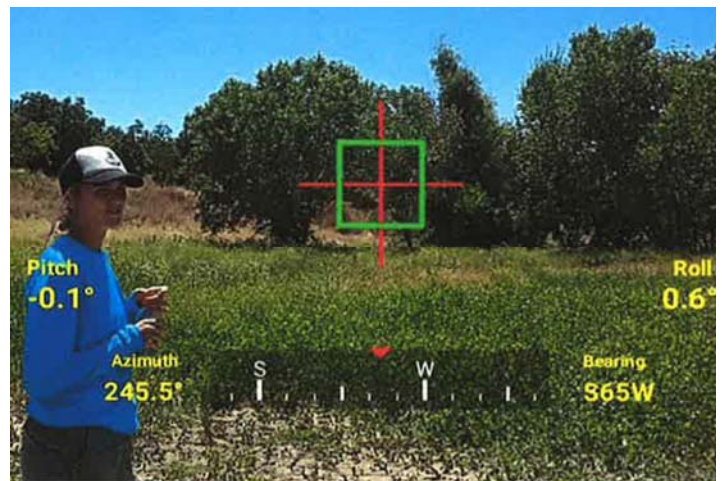
Cottonwood Mitigation Photo Journal: Locations of sites and irrigation installations

Nicolle E. Herr, Water Resource Intern, Solano County Water Agency. June, 2017

The map below shows the seven sites that are currently being watered. The photos listed show LAT/LON of the irrigated mitigation sites. Each sprinkler covers a radius of 70 feet, making the area of cover 15,394 square feet per sprinkler, or 0.35 acres per sprinkler. There are 10 sprinkler sites, therefore there are 3.5 acres mitigated.



Sites starting from left to right and north to south: 4, 2, 2b, 5, and 1 (west side). Sites from north to south: 3, 6, and 7 a, b, and c (east side).



CALIFORNIA-NEVADA CHAPTER



California/Nevada Chapter
221 West Court Street, Suite 1
Woodland, CA 95695
(530) 207-6526

October 4, 2017

Rich Marovich, Streamkeeper
Lower Putah Creek Coordinating Committee
Solano County Water Agency
810 Vaca Valley Parkway
Vacaville, CA 95688

Dear Rich:

I am happy to inform you that the Soil and Water Conservation Society CA/NV Chapter has selected you for the Chapter's Merit Award for 2017!

This award is granted to you for "Outstanding Leadership as Streamkeeper for the Lower Putah Creek Coordinating Committee."

CONGRATULATIONS!

You are invited to the Chapter award ceremony which will take place at our annual conference during the afternoon of Friday, October 20, 2017. The name of the conference is: "2017 Annual Conference: Preparing for Extreme Water Conditions." The conference will take place at the Renaissance Hotel (One South Lake Street, Reno, NV 89501).

This conference will contrast the extremely low water availability followed by excess water conditions experienced in parts of California and Nevada over the past five years. The challenges created by these precipitation extremes will be addressed from the perspective of municipal infrastructure, water storage and management, agriculture production, and riparian habitat maintenance and restoration. A field tour will trace the challenges of water management from Lake Tahoe to the desert east of Reno. A speaker series will expand upon the tour discussion with a full day of invited speakers addressing issues relevant to both California and Nevada.

If you would like to participate in the full conference (tour and speaker series), we can send you registration information. If you are only available to attend the award ceremony, we will send you those details. If you are unable to attend, please let me know, and I will make arrangements to have the award delivered to you.

Again, congratulations!

PHIL HOGAN
SWCS CA/NV Chapter Councilperson