



NOTICE OF PUBLIC MEETING & AGENDA

**UPPER VERDE RIVER WATERSHED PROTECTION COALITION
BOARD MEETING**

Wednesday, January 24th – 2:00 P.M
Yavapai County Board of Supervisor's Board Room
1015 Fair Street - Prescott, Arizona

ITEM NO 1. Call to Public (Chairman)

Consideration and discussion of general unscheduled comments from the public: Those wishing to address the Coalition need not request permission in advance. Any such remarks shall be addressed to the Coalition as a whole and not to any member thereof. Such remarks shall be limited to three (3) minutes unless additional time is granted by the Chair. At the conclusion of the unscheduled comments, individual members of the Coalition may respond to the item addressed at the discretion of the Chair, or they may ask Staff to review the matter or ask that the matter be placed on a future agenda.

ITEM NO 2. Discussion & Possible Action – Approval of Board Meeting Minutes – November 1, 2017 (Chairman)

ITEM NO 3. Discussion – TAC Meeting Summary – December 6, 2017 and January 3, 2018 (Munderloh)

ITEM NO 4. Presentation, Discussion & Possible Action - Project Updates
a. Wood Innovations (Munderloh)
b. Juniper Silt Dams (Munderloh)
c. Rainwater Harvesting/Aquifer Recharge (Munderloh)
d. Partner Updates (Others, if available)

ITEM NO 5. Presentation, Discussion & Possible Action – Presentation (Munderloh/Reifsnyder)
a. 2017 Accomplishments
b. Goals for 2018
c. Anticipated Budget for FY 2019

ITEM NO 6. Outreach and Communication (Board Members)

ITEM NO 7. Discussion & Possible Action - 2018 Meeting Schedule and Host
a. April 25th, City of Prescott
b. July 27th, Town of Chino Valley
c. October 24th, Yavapai-Prescott Indian Tribe

ITEM NO 8. Next Meeting Day/Time (April 25th, 2018) – City of Prescott/ Agenda Items (Munderloh)

ITEM NO 9. Adjourn Meeting



MINUTES OF THE UPPER VERDE RIVER WATERSHED PROTECTION COALITION BOARD HELD ON NOVEMBER 1, 2017, IN PRESCOTT CITY HALL, 201 SOUTH CORTEZ STREET, PRESCOTT, ARIZONA.

Vice-chairman Blair called the meeting to order at 2:03 p.m. Chairwoman Nye was absent, excused.

Member Present:

Member Ernie Jones, Yavapai-Prescott Tribe President
Member Craig Brown, Yavapai County Supervisor
Member Steve Blair, City of Prescott Councilor
Member Chris Marley, Chino Valley

Staff Members:

Leslie Graser, City of Prescott
Peter Bourgois, Yavapai-Prescott Indian Tribe
Mike Bovee, Town of Chino Valley
John Munderloh, Town of Prescott Valley

ITEM NO 1. Call to Public (Member Blair)

No members of the Public had an item of discussion

ITEM NO 2. Discussion & Possible Action – Approval of Board Meeting Minutes – April 26, 2017 and July 26, 2017 (Member Blair)

MEMBER BROWN MOVED TO APPROVE THE UVRWPC BOARD MINUTES OF APRIL 26, 2017 AND JULY 26, 2017; SECONDED BY MEMBER MARLEY; PASSED 4-1 (NYE, ABSENT)

ITEM NO 3. Discussion – TAC Meeting Summary – September 6, 2017 and October 4, 2017 (Munderloh)

John Munderloh, Town of Prescott Valley Water Resource Manager reminded the Board that the meeting summary was attached and most of the items for discussion were on the Agenda. There were not questions from the Board.

ITEM NO 4. Discussion & Possible Action – Rotate of Board Meeting Locations and Meeting Minutes (Member Blair)



Member Blair described that the City of Prescott is stretched thin with not having a full staff in the Clerk's Office. It has been proposed to alternate between the members to share the work to prepare minutes and send them to the Board.

John Munderloh said the meetings were usually in January, April, July, and October but in 2017 we were slightly on a different schedule. We usually meet on the 4th Wednesday of each month. Member Brown said they would gladly host one at the County as long as it was in the afternoon and they cleared it with the Clerk beforehand. Member Blair suggested that City of Prescott take January, Yavapai County will take April, Chino Valley will take July, and Prescott Valley will take October. The Tribe will be swapped in on the next go-around.

ITEM NO 5. Presentation, Discussion & Possible Action – Project Updates

a. All Hands/All Lands Event (Munderloh)

- I. Had the event in October. Had cosponsors from the Arizona Department of Forestry and Fire Management, and Chino Winds and Triangle Natural Resource Conservation Districts. Invited professional level people representing land owners, environmental agencies, and other stakeholders.
- II. Headliners were Cal Joiner the Regional Forester, Jeff Whitney the State Forester, Andy Tobin Corporation Commissioner, Lisa Atkins State Land Commissioner, and Donnie White, CDW Consulting.
- III. CDW has developed an innovative approach to manufacturing biomass wattles that can be used in the field at the site of thinning activity.
- IV. Member Brown asked how many people RSVP'd to the event that had attendance of about 100. John Munderloh said 15 to 20% of those who registered who did not attend. He attributed the reduction in landowner attendance compared to 2016 attendance to roundup season for ranchers, which is in October.
- V. Member Marley commented that he received the first notice and he RSVP'd but he never received the follow up with a map.

b. Wood Innovations (Munderloh)

- I. The grant agreement is finalized with an award of \$194,000 to conduct a feasibility analysis for locating a biomass conversion facility in Yavapai County and finalize engineering and specifications for manufacturing juniper biocoal. A co-fire is planned at Drake Cement.

c. Juniper Silt Dams (Munderloh)

The Coalition was recently notified that of up to \$200,000 to apply to this project from the AZ State Department of Forestry and Fire Management.



Project implementation will likely include a combination of juniper silt dams and juniper chip wattles. Photogrammetry and runoff analysis on the site are completed. Next steps are finalizing conceptual design and engineering. The site is northwest of Prescott about 30 miles on Williamson Valley Road. It is 3 square miles of land.

d. Rainwater Harvesting/Aquifer Recharge (Munderloh)

Small project on County land between the Maverick station on Hwy 69 and Fain Road. Engineering is in process and design drawings will be next. The GUAC has agreed to partially fund this project and are paying for engineering costs

Partner Updates (Others, if available)

- I. Chris Lowman, Range Unit Supervisor for the State Land Department based in Chino Valley. In the last month they have approved the removal of wood products from State Trust Land, revising the old incidental use permit, allowing it to get products to commercial users. It will generate money for the Trust which is required by the State Constitution. John Munderloh inquired on whether it saved the Trust money as well; Chris Lowman replied that they never spent money in the past. Part of the process is an application fee which covers the cost to the Trust.
- II. Ben Debil, Lead Forester of Prescott National Forest. In addition to hazardous fuels projects they completed 350 acres of grassland restoration East of Drake, for Pronghorn restoration.
- III. Marcus Munis, NRCS, District Conservationist in Prescott Valley field office. So far, they have funded 2,000 acres of Juniper clearing in Big Chino area and they have an additional 1,300 on the slate to clear.
- IV. Rich Vandermark, AZ Department of Forestry and Fire Management. A private company making fuel bricks from biomass is to utilize local biomass. Other projects are ongoing in the watershed, including Silt Dams.

ITEM NO 6. Presentation, Discussion & Possible Action – Focus for Watershed Restoration Efforts (Munderloh/Reifsnyder)

a. Position Paper

We are evaluating potential approaches. Funding, technical assistance, and personnel resources from our partners make this work. Our current focus is on the private sector. We are addressing policy and legal issues, such as incentives and set asides to address utility and bioenergy issues. Our outreach and communication efforts, with a focus on the public, will be



expanded to include a unified message on grassland restoration. This will ensure accurate, consistent information is communicated to the public.

b. Biomass Cooperative

Chair of the Board for the Triangle Natural Resources Conservation District is working on next steps to increase landowner participation. We have a number of business owners who are ~~looking to do a~~ supportive of multi-stake approach. The goal is to establish a cooperative with diverse interests including representation from landowners, the business community, and public sector. We are implementing and developing projects that demonstrate market uses for biomass to further engage stakeholders. Juniper chip wattles blended with biochar is one example. This is not our area of expertise, but with our partners we have the technical advice implement these projects. The cooperative will be a legal entity once the founding members made a decision on its structure. It mitigates risk, increases bargaining power, and should be up and running within 6 months to a year.

I. Grant Funding:

- i.** Yavapai Community Foundation paid for the development of the website
- ii.** Sonoran Institute paid for scenario planning, which helped define projects within the watershed plan.
- iii.** U.S. Bureau of Reclamation funded the watershed plan which is our guiding document
- iv.** Archaeological Surveys of approximately 1,000 acres were funded by the Yavapai Rural Action Committee
- v.** USDA/NRCS vegetation management
- vi.** U.S. and State Forestry for feed stock analysis plus funding for both conferences.
- vii.** Commerce authority funded labor market analysis
- viii.** State Forestry and Water Protection Funds for the silt dam project.

ITEM NO 7. Outreach and Communication (Board Members)

Munderloh introduced this as a general item for any concerns that did not come up during the meeting. Member Blair was happy with the newsletter and the update of the website.

ITEM NO 8. Next Meeting Day/Time

Scheduled for January 24, 2018 in Yavapai County Administration Building Board Meeting Room, 1015 Fair Street, Prescott AZ.



ITEM NO 9. Adjourn Meeting

Meeting adjourned at 2:30 p.m.



NOTICE OF PUBLIC MEETING AGENDA

UPPER VERDE RIVER WATERSHED PROTECTION COALITION TECHNICAL ADVISORY COMMITTEE (TAC) MEETING

December 6, 2017 – 3:00 PM
YPIT Police Department Conference Room
530 E Merrit St, Prescott AZ

Meeting Notes

Members Present: Peter Bourgois (YPIT), Leslie Graser (City of Prescott), John Munderloh (Town of PV)
Others Present: Melody Reifsnider (Sage Consulting)
Public Present: Dirk Stringham

ITEM NO. 1 Discussion and Possible Action – Project Updates

i. Biomass Conversion Facility Feasibility Analysis and Juniper Bio-Coal

Grant agreement finalized and approved by Prescott Valley Council along with consultant agreement with TSS Consultants. Source wood for bio-coal test is being investigated.

ii. Juniper Silt Dams Project

Arizona Department of Forestry and Fire Management provided notice of award of additional grant money for this project. Staff will discuss how this grant (federal dollars) will coordinate with the original grant from the Arizona Water Protection Fund (state dollars) at an upcoming grant meeting. Upcoming meeting will also focus on conceptual design elements for the erosion control structures.

ITEM NO. 2 Discussion and Possible Action – Biomass Utilization/Industry Development

ITEM NO. 3 Discussion and Possible Action – Summary of October 10 Conference

TAC discussed meeting attendance and outcomes. About 80 attendees, speakers included State Land Commissioner, State Forester, and Region III Forester from the US Forest Service. All provided comments regarding need for woodland thinning, grassland restoration with focus on water supply security and fire management. Along with establishing these commitments and connections with attendees, additional possibilities for use of Juniper were brought forward by Donny White from Texas where they have developed Juniper Chip wattles for erosion control and water quality improvements.



ITEM NO. 4 Communication from Partners

No Partners were present.

ITEM NO. 5 Communication from Members

TAC discussed and coordinated meeting schedule for 2018. The discussion of the UVRWPC Board regarding meeting dates and locations has been adjusted due to room availability and scheduling issues and will be as follows:

- Yavapai County will host January 24th meeting at the Board of Supervisor's meeting room 1015 Fair Street, Prescott
- Prescott will host the April 25th meeting at the City Council Chambers, 201 S. Cortez, Prescott
- No change to Chino hosting the July 25th meeting. Location to be determined.
- YPIT will host October 28th meeting instead of PV. Location to be determined.

ITEM NO. 5 Next Meeting Time / Location / Agenda Items (Next Regular Meeting Date January 3, 2018)



NOTICE OF PUBLIC MEETING AGENDA

UPPER VERDE RIVER WATERSHED PROTECTION COALITION TECHNICAL ADVISORY COMMITTEE (TAC) MEETING

January 3rd, 2018 – 3:00 PM
YPIT Police Department Conference Room
530 E Merrit St, Prescott AZ

Meeting Notes

Members Present: Amber Tyson (YPIT), Leah Hubbard (City of Prescott), John Munderloh (Town of PV), Mike Bovee (Town of Chino Valley)

Others Present: Melody Reifsnider (Sage Consulting)

Public Present: Sheryl Hill, Melvin Hill

ITEM NO. 6 Discussion and Possible Action – Project Updates

Juniper Silt Dams – additional grant from Arizona Dept. of Forestry and Fire Management, grant and conceptual design workshop held in December to coordinate funding sources, and initial design elements. Field visit with principals organized and held in late December. Staff are working on a final grant contract for approval in January.

Rainwater Harvesting – Engineering underway, site visits, surveys and infiltration tests are complete

ITEM NO. 7 Discussion and Possible Action – Biomass Conversion Facility Feasibility Assessment - Task 2 Draft Report

Draft report on the Wood Innovations project distributed and discussed. Report examined and ranked possible industrial sites throughout Yavapai County that have potential as a Biomass Conversion Facility. Sites include Drake Cement (Yavapai County)

- Former Site of Southwest Forest Products (Yavapai County, Ashfork)
- Wishing Well (Yavapai County)
- Site adjacent to Ruger Facility (Prescott)
- Old Santa Fe Lumber (Prescott)
- Sundog Transfer Station (Prescott)
- Big Sky Industrial Park (Prescott Valley)
- Grapevine Industrial Park (Prescott Valley)
- Eastridge (Prescott Valley)



- Yavapai tribal land (Yavapai Reservation)

ITEM NO. 8 Discussion and Possible Action – January Board Meeting

Items for Board agenda include:

- Year-end summary of accomplishments
- 2018 Goals
- Grant and Project updates
- Letters of Support or Grant Resolutions (if necessary)

ITEM NO. 9 Communication from Partners

No discussion

ITEM NO. 5 Communication from Members

No discussion

ITEM NO. 10 Next Meeting Time / Location / Agenda Items (Next Regular Meeting Date February 7, 2018)