**SONOITA CREEK FLOOD and FLOW STUDY COMMITTEE**

MISSION: The watershed is a vital component of this community’s well being. The Sonoita Creek Flood and Flow Study Committee will (i) make recommendations to the Patagonia Town Council with respect to best practices within its jurisdiction to manage erosion, to enhance water flow, to create optimal flood mitigation and to promote the long-term health of the riparian corridor, (ii) look at the entire watershed area to influence upstream conditions and to mitigate downstream consequences, and (iii) educate the public.

# AMENDED AGENDA for May 13, 2021 Meeting via ZOOM

1. Call to Order
2. Roll Call
3. Correction and/or Approval of Minutes from April 8, 2021 meeting.
4. Call to Public A. R. S. §38-431-01(H): AT THIS TIME, ANY MEMBER OF THE PUBLIC IS ALLOWED TO ADDRESS THE TOWN COMMITTEE, SUBJECT TO REASONABLE TIME AND MANNER RESTRICTIONS. THE PUBLIC WILL

ONLY BE RECOGNIZED TO SPEAK ON AGENDA ITEMS LISTED FOR PUBLIC INPUT PURSUANT TO TOWN

CODE SECTION 2-5-6. PURSUANT TO THE ARIZONA OPEN MEETING LAW, AT THE CONCLUSION OF THE

CALL TO THE PUBLIC, INDIVIDUAL MEMBERS OF THE COUNCIL MAY RESPOND TO CRITICISM MADE BY

THOSE WHO HAVE ADDRESSED THE COUNCIL, MAY ASK STAFF TO REVIEW THE MATTER, OR MAY ASK THE

MATTER BE PLACED ON A FUTURE AGENDA. HOWEVER, MEMBERS OF THE PUBLIC BODY SHALL NOT DISCUSS OR TAKE LEGAL ACTION ON MATTERS RAISED DURING AN OPEN CALL TO THE PUBLIC UNLESS THE MATTERS ARE PROPERLY NOTICED FOR DISCUSSION AND LEGAL ACTION.

# OLD BUSINESS

**NOTE: a written summary of old business items is at the end of Agenda; if there are no questions or comments on these summaries, we will proceed to New Business Agenda to allow for more time for the presentation.**

# NEW BUSINESS

1. South32 presentation
   * Overview of hydrologic work completed to date – including pump test overview and how the data fits into the model
   * South32 data availability online – Community Website
2. Clear Creek & Associates presentation of the results of the third-party data review and hydrologic evaluation
   * Groundwater modeling development and results
   * Surface water modeling development and results
   * Conclusions regarding flooding
3. Next Regular Monthly Meeting: June 10, 2021 at 10 a.m.
4. Future Agenda Items: At this time the committee members may bring forth topics for future agendas
5. Adjourn

PARKING LOT (future agenda items)

Joint Meeting with Planning & Development Committee

PAWS / Sonoita Creek flow meters / ADOT Bridge work / South32 well data from ADWR (Dave Ellis)

Flood Mitigation and Recharge Basin

Town of Patagonia watershed designation by FS

Town of Patagonia water improvement projects

Public education program on water related issues

AZ Municipal Water Users Association

RADAR SCREEN

Hudbay property ownership

OLD BUSINESS:

* Status of FEMA’s Notice of Funding Opportunities for FMA and BRIC Grants (Howard Buchanan)- pending until announcement of grant award.
* Status of funding of formalized “watershed management group” (Howard Buchanan) - pending until announcement of grant award.
* Update on AZDEQ proposed clean water regulations (Carolyn Shafer) - Governor Ducey signed the draft bill on May 5.
* Update on Arizona Mineral’s (South32) (i) AZPDES and (ii) APP Permit Applications to ADEQ and on (iii) Arizona Standard’s (Barksdale Resources) FS EA (Carolyn Shafer) - (I) the AZPDES permit application has been modified and a new comment period opened with a May 31 comment deadline, (ii) the APP permit’s extended comment deadline is May 30, and (iii) the USFS decision is pending on the draft EA.
* Next steps: (i) Town of Patagonia Municipal Supply Watershed Plan and (ii) working with USFS for Memorandum of Understanding and Watershed Restoration Action Plan (Bob Proctor):
* The Patagonia Municipal watershed is legally defined and designated as name and

HUC codes -

* Upper Sonoita Creek (HUC 150503010204)
* Redrock Canyon (HUC 150503010202)
* Harshaw Creek (HUC 150503010203)
* Middle Sonoita Creek (HUC 150503010206)
* Temporal Gulch (HUC 150503010205)
* Big Casa Blanca Canyon (HUC 150503010201)
* The Research Team of the Flood and Flow Committee is reviewing the Water section of the Town of Patagonia General Plan to better define, expand and establish a Town of Patagonia Municipal Watershed Management Plan. The present description is on pages 41 through 44 of the General Plan; here is link https://patagonia-az.gov>general-plan. The Patagonia Municipal Watershed Management plan should include a legal description of the municipal watershed as described above, plus the scope and mission.
* When the Watershed Plan is established, the town of Patagonia and participating entities will have a better understanding to protect, restore and preserve the quantity and quality of waters in the municipal watershed as well as the Sonoita Creek and Santa Cruz River Watersheds.