

From: Davidson Rebecca F
Sent: Friday, February 08, 2013 9:54 AM
To: Duncan Patten; 'Mussetter,Bob'; Reinthal, Peter N - (pnr)
Cc: Scott M. Deeny; Sigl Patrick B; Shaw Lucas M; Craig Sommers
Subject: re: Aravaipa info for your consideration

Duncan, Bob and Peter,

I am forwarding several items we have tracked down relating to various work/study in Aravaipa. It may or may not prove useful, but wanted to forward everything we have found thus far.

- The attached study (thanks for tracking it down Duncan) has not been disclosed by the US, but according to TNC is an important component in understanding the hydrologic dynamics of the Aravaipa system.
 - My understanding (from Andy Lorenzi, formerly of TNC) is that Minckley used this work by Adar and developed a narrative “model” that describes the relationship between sediment input from tributaries and aquatic habitats. This MIGHT be the 1981 Minckley report entitled *Ecological Studies of Aravaipa Creek, Central Arizona, Relative to Past, Present, and Future Uses*. Need to verify, and if not, we will track down the related document. This paper by Minckley has been disclosed by the US. **Peter – maybe you know?**
- The second attachment is an email from TNC sharing their flow data from the east side of the wilderness data (also starting in the early 1990s). Within this email, there is also a sedimentation analysis written by Jeanmarie Haney, the TNCs hydrologist. If you would like, I would be happy to coordinate with Jeanmarie if you have further questions.
- The third attachment is a poster compiled by Jeanmarie that looks at tributaries and sediment/groundwater input.
- We have made contact with ADEQ (see email below) who collect data in Aravaipa annually (it is designated an Arizona Outstanding Water). Patti will be sending us flow data (next week) from the boundaries of the wilderness area, starting in the early 1990s. If any of the other data appear interesting and you want us to acquire it, please let me know.
- We have also made contact with Heidi Blasius, native fish biologist, at the BLM Safford office. Heidi is looking through her files for some of the older Minckley reports and other pertinent reports/data/photos.
- Lucas tracked down a copy of the Ribbon of Green book by Robert Webb, Stanley Leake, and Raymond Turner. **Duncan – have you had a chance to talk to Robert Webb about seeing if he has any additional photos from Aravaipa?**
- ***We have set up trip dates for all our experts to meet and visit Aravaipa. April 9-11th***. I have coordinated with Mark Haberstick, TNC preserve manager, who has reserved the TNC house, and will be available throughout our trip.

Bob and Peter – we will be sending you copies of the US disclosed documents. Those should be ready to send to you early next week.

That's it for now...will send anything else we find. Please let me know if you have any questions in the meantime.

Rebecca

| **Rebecca Davidson** | Senior Analyst, Water Rights & Contracts| **SRP** Salt River Project |
📞 602.236.6617 |

The information contained in this message is CONFIDENTIAL and may be subject to one or more of the following: ATTORNEY-CLIENT, ATTORNEY WORK PRODUCT, INVESTIGATIVE PRIVILEGES or other privilege under the law. It is intended only for the use of the individual or entity to which it is addressed.