

**Meeting Summary**

**Edwards Aquifer RIP - Science Subcommittee Meeting  
March 17, 2008**

**ACTION ITEMS**

**PREVIOUS:**

- Compile and distribute list of science subcommittee email/phone numbers to committee members (**Action Item – Susan - COMPLETED**)
- Someone from the science subcommittee should attend the bylaws meeting on February 27 (**Action Item – Susan will attend - COMPLETED**)
- Under EARIP science subcommittee website Anna is going to create, include area to put reports/papers/etc. of interest to science subcommittee (**Action Item - Anna & student – IN PROGRESS**)
- Send basic USF&W “definitions” to Susan for distribution to science subcommittee (**Action Item – Will Amy - COMPLETED**)
- Science subcommittee members will review charge and provide input on what areas of expertise the science subcommittee might need. Provide input to Susan by Feb 29 (**Action Item – Science Subcommittee Members – ONGOING**)
- At March 17, 2008 science subcommittee meeting Will Amy (section 10) and Robert Gulley (sections 7 & 9) will give Habitat Conservation Plan (HCP) presentation (**Action Item – Will Amy, Robert Gulley - COMPLETED**)
- Anna Munoz will look at other RIP’s to see if there are any similar final reports for science subcommittee to take a look at (**Action Item – Anna Munoz – IN PROGRESS**)
- Anna Munoz will work on creating a science subcommittee area under general EARIP website (**Action Item – Anna Munoz - COMPLETED**)

**NEW:**

- Put Will Amy Definitions on science subcommittee web page (**Anna Munoz**)
- Get examples of salmon reports (see Independent Scientific Advisory Board ISAB) and put on science subcommittee web page (**Anna Munoz**)
- Put science subcommittee “bios” on science subcommittee web page (**Susan**)
- Take pictures of science subcommittee members for science subcommittee web page (**Robert Mace**)
- Ask Geary Schnidel to provide a bullet list of other work applicable to k(1), (2), (3) (**Susan**)
- Define “pool” and “critical period” (**Robert Gulley**)
- Add science subcommittee 3/17 meeting presentations to web page (**Susan and Anna**)

### **SCIENCE SUBCOMMITTEE CHARGE k (1), (2), (3)**

- **SPEAKERS 3/17:** Charlie Kreidler, Geary Schindel, Darwin Ockerman, Eddie Collins, Will Amy, Robert Gulley (3/17 agenda for further details)
- Question is what constitutes a pool. This needs to be defined.
- When did USGS start monitoring the Sessoms site? (per Susan: this was a stormwater site discontinued a couple of years ago. Operated by USGS for EAA for 2-3 years)
- Issue: For graphs showing San Marcos springflow co-plotted with J17 we're told that there's not good autocorrelation. But we have not seen San Marcos spring flow co-plotted (double y axis) with hydrograph from well on the footwall block in New Braunfels, e.g., from Panther Canyon well or other well. If Kreidler's model is correct, SM flow should track Panther Canyon well (and others on upthrown block) while LCRA well hydrograph should mimic the J17 well. If SM flow does not match hydrograph on upthrown block at New Braunfels, then I would like to compare the autocorrelation of San Marcos flow with other wells on that fault block at increasing distances from San Marcos Springs, and see where the autocorrelation breaks down. If SM flow does match hydrograph on upthrown block at New Braunfels (e.g., Panther Canyon well), then perhaps the issue is not a geographically defined San Marcos Pool but a geologically defined San Marcos Pool.
- Need to explore water chemistry further
- Where is USGS currently collecting water quality data in San Marcos area?
- Pumping near San Marcos springs and correlation to San Marcos spring flow
- Geary uses dye as tracer/Kreidler uses water chemistry as tracer
- Possible speakers for next meeting: Doyle Mosier, Rick Lindgren, Todd Votteler, Tom Brandt, Jackie Poole, Chris Nice, John Waugh, George Ozuna

### **GENERAL**

- Bob Edwards resigned from science subcommittee. Discussed who to replace Bob with. Consensus reached on Gary Garrett (NOTE: Susan was advised on 3/20 that Gary Garrett was withdrawing his name from consideration – science subcommittee entered into dialogue again and reached consensus on recommending to steering committee that Doyle Mosier replace Bob Edwards. Doyle's name submitted to Robert Gulley on 3/27)
- Robert Gulley reviewed upcoming agenda's for general EARIP meetings, and suggested that there were topics that would be of interest to science subcommittee members
- Decided on dates for upcoming field trips (details to be distributed):  
**April 16-** San Marcos Springs/Comal Springs Field Trip  
**April 17 -** San Marcos National Fish Hatchery & Technology Center

- Worked on initial science subcommittee task timeline

**PUBLIC COMMENT:**

No public comment provided.

**NEXT SCIENCE SUBCOMMITTEE MEETING:** April 21, 2008  
7:30a.m. – 3:30p.m.  
Texas River Systems Institute

**2008 SCIENCE SUBCOMMITTEE MEETING DATES:** April 21, May 19, June 16, July 21, August 18, September 15, October 20, November 17, December 15

**March 17, 2008 Meeting Attendance List:**

**Science Subcommittee Members:**

Susan C. Aragon-Long  
Charlie Kreidler  
Glenn Longley  
Rene Barker  
Jackie Poole  
Robert Mace  
Tom Brandt  
Mary Ambrose  
Ron Green  
Alan Dutton  
Ed Oborny  
Norman Boyd  
Sam Vaughn  
John Waugh (via teleconference)  
Bryan Brooks (unable to attend)

**General:**

Steve Bereyso  
Steve Musick  
Tyson Broad  
Todd Votteler  
Tom Wassenich  
Will Amy  
Mike Abbott  
Eddie Collins  
Carol Patterson  
Kirk Patterson  
Patrick Connor  
Dianne Wasssenich  
Dan Laroe Jr.  
Rick Illgner  
John Hoyt  
Geary Schndel  
Mark Taylor

Mike Gonzales  
Darwin Ockerman

