



# EAHCP Science Committee Meeting

March 11, 2016



# Springflows and Index Well Levels

## As of March 11, 2016

Well/ Spring	Today Mar. 11, 2016	1-Month Feb. 11, 2016	1-Year Mar. 11, 2015	March Historical Average
J-17 (MSL)	?	664	646	665
J-27 (MSL)	?	862	824	867
Comal (cfs)	?	296	192	288
San Marcos (cfs)	?	260	162	174





# EAHCP Bio and WQ Monitoring Work Groups



## Water Quality:



Name	Organization
Ken Diehl	San Antonio Water System
Melani Howard	City of San Marcos/Texas State
Charlie Kreidler	Science Committee
Steve Raabe	Stakeholder Committee/SARA
Ben Schwartz	Texas State University
Mike Urrutia	Guadalupe-Blanco River Authority

# EAHCP Bio and WQ Monitoring Work Groups

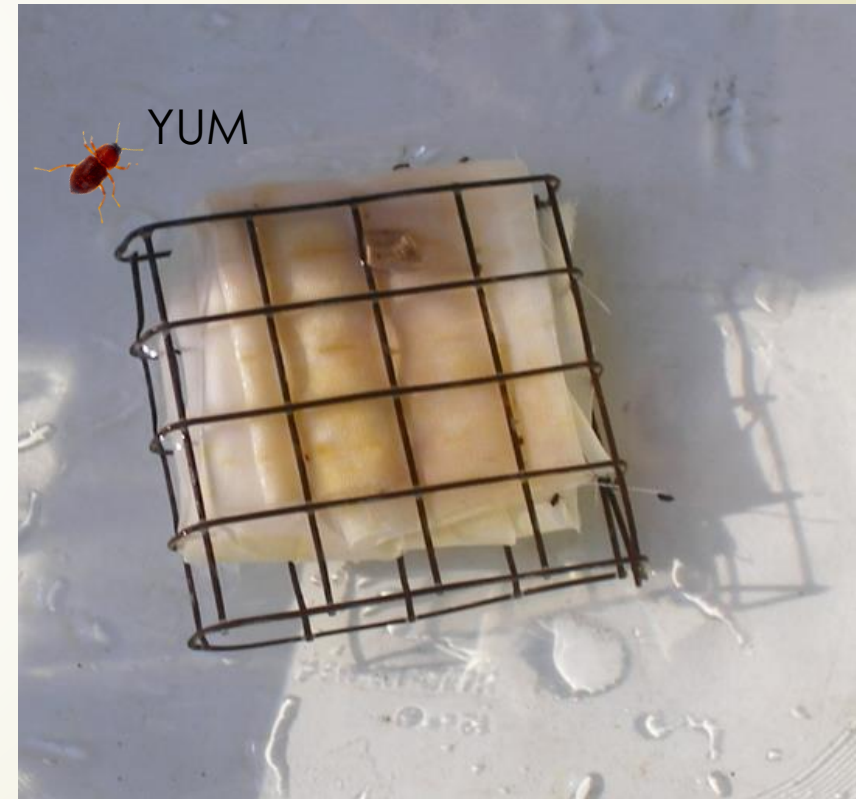
## ► Biological:

Name	Organization
Tyson Broad	Texas Tech University
Jacquelyn Duke	Science Committee/Baylor
Mark Enders	City of New Braunfels
Rick Illgner	Edwards Aquifer Authority
Doyle Mosier	Science Committee



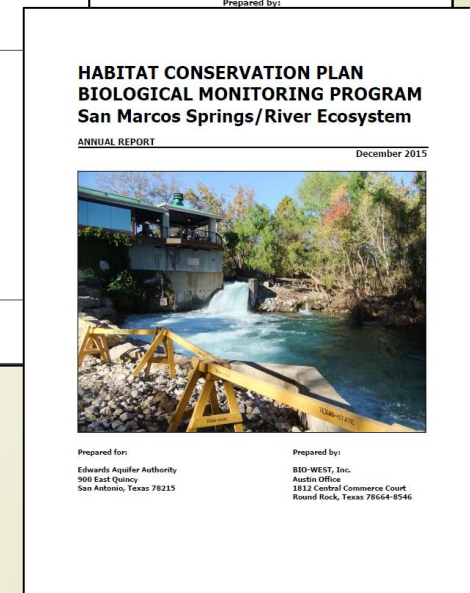
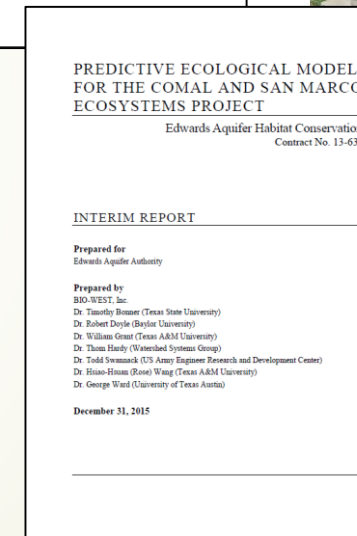
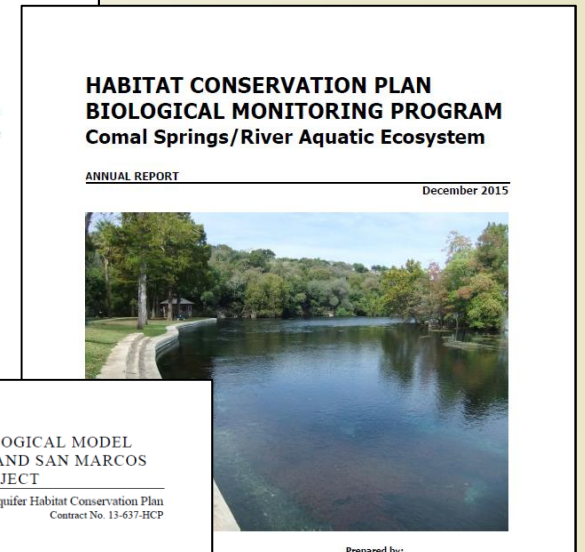
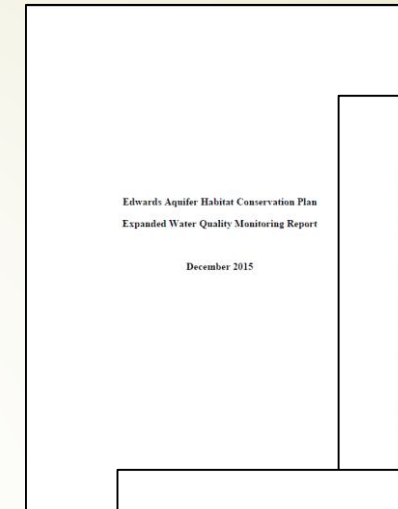
# Cotton Lure Standard Operation Procedure (Cotton Lure Work Group)

- ▶ There is currently no written SOP for the Cotton Lure method for collecting Comal Springs riffle beetles (and associated inverts).
- ▶ Cotton Lure Work Group to meet March 25, 2016 to create the SOP.
- ▶ The goal is to create the SOP in one meeting.
  - ▶ Chad Norris
  - ▶ Randy Gibson
  - ▶ Dr. Weston Nowlin
  - ▶ Dr. Butch Weckerly (will review)
  - ▶ Ed Oborny
  - ▶ Mark Enders (will review)
  - ▶ Bob Hall



# 2015 Final Reports

- Spring System/River Biological Monitoring
- Expanded Water Quality Monitoring
- Interim Report on the Ecological Model



# Database Procurement/Funding Timeline



Activity	Dates (2016)
• Present data needs assessment (DNA) to Science Committee	March 11
• E-mail DNA to selected constituents	March 18
• DNA response deadline	March 25
• Gather user requirements	March 28
• System-type selection	April 15
• Release RFP	May
• BoD approves contract	September 13

# Data Needs Assessment (DNA)

- Online survey
- Distributed via e-mail
- Can be shared
- 9 open-ended and multiple choice questions:
  - Primary need for EAHCP data?
  - Most important types of data?
  - Frequency of request

**PLEASE READ:** The Edwards Aquifer Habitat Conservation Plan (EAHCP) has collected a wide variety of data related to the Comal and San Marcos systems and their biota through its Expanded Water Quality Monitoring, Biological Monitoring, and Applied Research programs over the past 15 years. The EAHCP will be undertaking an initiative to develop a system to easily consolidate, display, and quickly report on all EAHCP data. This system will be designed so the EAHCP staff can easily respond to external data requests. We would love to hear your suggestions which will help deliver the most effective product possible. If any questions do not pertain to you, or you are unsure how to answer, please feel free to answer only those items which apply.

1. Please provide your full name and affiliation (i.e., John Doe, EAA).

2. What is your level of familiarity with the EAHCP?

- Very familiar  
 Somewhat familiar  
 Not familiar at all

3. What is your primary need for EAHCP data (research, monitoring, regulatory, etc.)? Please be as specific as possible.

4. Please describe the types of data most important to your work (e.g., bio monitoring, water quality, etc.). Please be as specific as possible (e.g., Fountain Darter drop-net sampling, dissolved oxygen, etc.).

5. What will using the EAHCP data allow you to do?

6. How often do you anticipate requesting EAHCP data?

7. What is your level of need for EAHCP data?

- Great need  
 Moderate need  
 No need



# EAHCP 2017 Work Plan & Funding App

## Schedule

April 8 SC

- **City of New Braunfels Work Plans** that would benefit from scientific input

May 13 SC

- **City of San Marcos/Texas State & EAA Work Plans** that would benefit from scientific input

May 19 IC

- **All Work Plans and proposed budgets** to be reviewed

June 10 SC

- **Monitoring Work Groups Report & amended Monitoring Work Plans** for review

June 16 IC

- **Monitoring Work Groups Report and amended Work Plans** for approval






# HABITAT CONSERVATION PLAN

EDWARDS  
AQUIFER

