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Issues Being Addressed for the Draft HCP

EARIP Meeting
January 2010



Covered Activities

- Regulation and pumping of the Edwards Aquifer as set out in SB 3.
- Adaptive Management Activities at the springs and outflow areas where proposed covered species occur, including: mitigation activities (ERPAs, etc.).
- Use of spring system where proposed covered species occur.
- Others?

Permit Area

- The permit area (also Plan Area) is where covered activities will occur, specifically with respect to incidental take covered by the permit.
- Area where pumping of the EA as regulated by the EAA that affects the springs and spring ecosystems used by the proposed Covered Species.

Permit Area

- Area where Adaptive Management and mitigation activities will occur.
- Areas where covered non pumping impacts to covered species will occur (e.g., managed recreation).



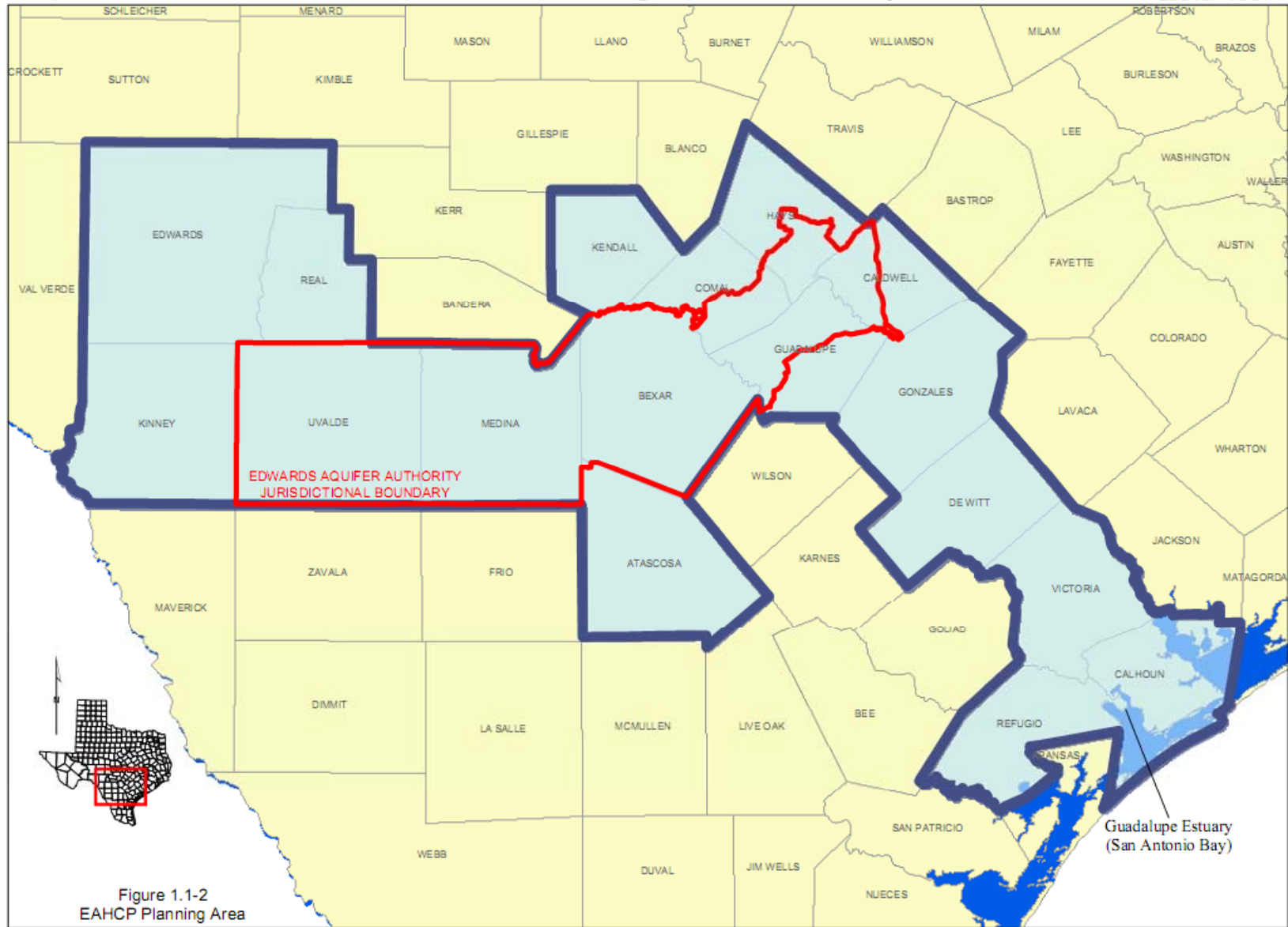


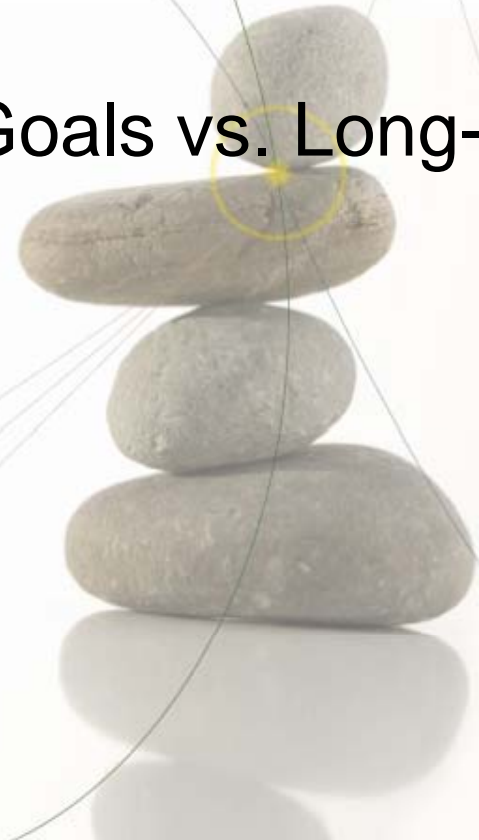
Figure 1.1-2
EAHCP Planning Area

Study Area

- The study area is area evaluated in order to develop the proposed action and potential alternatives.
- The study area includes the permit area of the proposed action as well as the potential permit areas of the alternatives considered, if they differ.
- The study area also includes the area of both direct and indirect effects of the proposed action for evaluation in the EIS.

Definition of Biological Goals

- Adaptive Management Phase vs. Second Phase Goals
- Severe Drought Management Goals vs. Long-term Goals



Adaptive Management Phase vs. Second Phase Goals

- Adaptive Management Phase goals focus on managing the spring systems so as to minimize risk to the Covered Species during the phase, developing a better biological and hydrogeological understanding of the system, developing refined adaptive management methods.
- AM Phase goals are derived from the spring flow data developed by Hardy, Oborny, HDR studies with respect to the Bottom Up Package.

Adaptive Management Phase vs. Second Phase Goals

- Second Phase Goals will be defined on the basis of desired species specific ecosystem based characteristics for each of the covered species, tied to improved spring flow management.



Severe Drought Management Goals vs. Long-term Goals

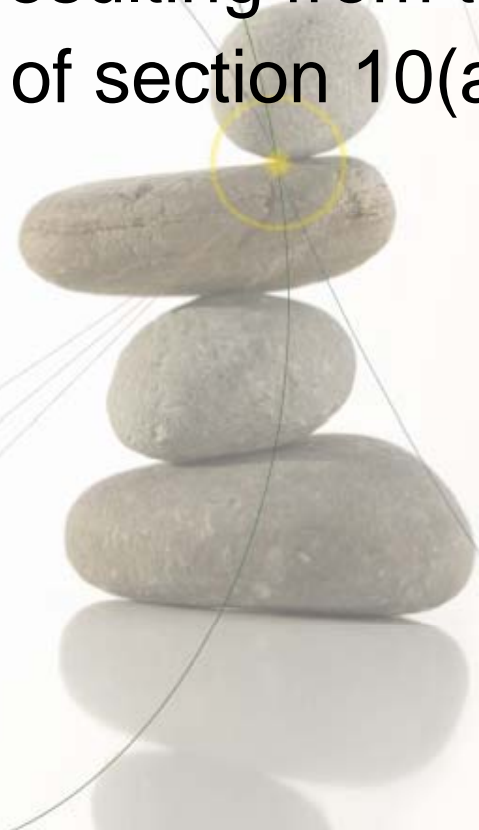
- Severe Drought Management goal is to provide for habitat characteristics that ensure survival of the populations of Covered Species in the two spring systems under conditions similar to the drought of record .
- Long-term goal is to provide conditions for populations of the Covered Species that allow them to thrive in the natural range of conditions that are less adverse than the drought of record.

Incidental Take

- The analysis of incidental take resulting from the proposed plan will be developed for each of the covered species based on the modeling developed by Hardy, Oborny, and HDR, as informed by the Science Subcommittee Report and associated reviews and comments.

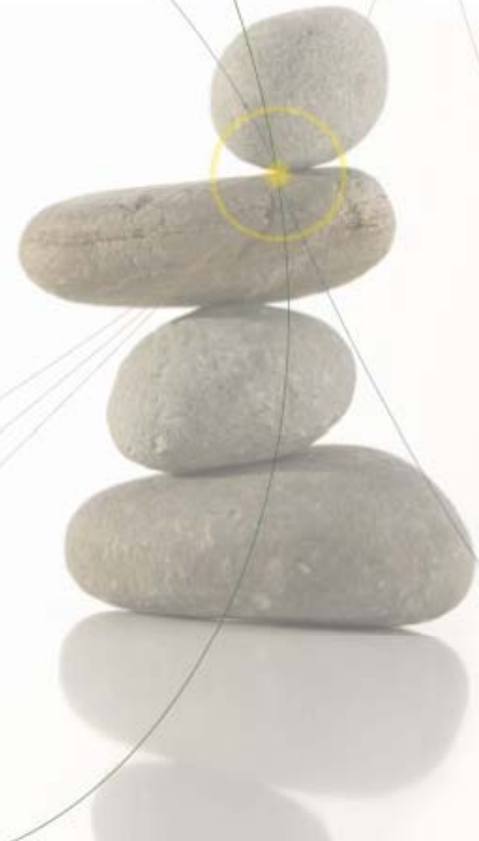
Incidental Take

- The analysis of incidental take resulting from the proposed plan is a requirement of section 10(a).



Implementation Structure

- To be discussed in February.



Tentative Schedule

Preliminary Draft HCP for EARIP Review	Wednesday, January 19, 2011
Presentation of Preliminary Draft EARIP HCP (Steering Comm Mtg)	Thursday, February 10, 2011
Preliminary Draft EIS for EARIP Review	Wednesday, March 23, 2011
Presentation of Preliminary Draft EIS (Steering Comm Mtg)	Thursday, April 07, 2011
Preliminary Draft EARIP HCP and Preliminary DEIS (complete document including Appendices)	Friday, June 24, 2011
Present Preliminary Draft EARIP HCP and Preliminary DEIS (Steering Comm Mtg)	Thursday, July 07, 2011
Preparation of Draft Program Document	Thursday, August 25, 2011
Revised Preliminary Draft HCP and EIS	Tuesday, July 26, 2011
Draft HCP and EIS for Public Review	Friday, July 29, 2011
Public Review and Comment	Monday, October 24, 2011
Prepare Response to Comments	Monday, November 21, 2011
Prepare Preliminary Final HCP and EIS	Monday, January 16, 2012
Agency Review	Monday, March 12, 2012
Prepare Final HCP and EIS	Monday, May 07, 2012
Section 7 Consultation	Monday, June 18, 2012
Prepare Record Of Decision	Monday, July 16, 2012
Record of Decision	Monday, July 16, 2012