

April 18, 2017

Ms. Melissa Ramirez
City of San Antonio Development Service
1901 South Alamo Street
San Antonio, TX 78204

Re: Participation Application Package - Southern Edwards Plateau Habitat Conservation Plan
USFWS Consultation No. 02ETAU00-2017-F-0187

Dear Ms. Ramirez:

Central Texas Regional Water Supply Corporation (CTRWSC) is submitting an application for mitigation through the Southern Edwards Plateau Habitat Conservation Plan (SEP-HCP) to offset impacts from the proposed construction of the Vista Ridge Regional Supply Project (VRRSP) 142-mile pipeline and terminus site. The project plans include constructing a 48- to 60-inch pipeline to carry potable water from Burleson County to Bexar County. The final approximately 9 miles of the pipeline are located in Bexar County, with the terminus site located 1.6-miles northwest of the intersection of Loop 1604 and US 281 in San Antonio.

Authorization from the U.S. Army Corps of Engineers (USACE) under the Pre-Construction Notice procedures for Nationwide Permit 12, including a biological opinion from the U.S. Fish and Wildlife Service (USFWS), has been issued. CTRWSC has committed to participate in the SEP-HCP for take of the endangered golden-cheeked warbler (*Setophaga chrysoparia*) and two listed karst invertebrates, *Rhadine infernalis* and *Rhadine exilis*, as required by the biological opinion.

Included in this submittal are the following:

- A. SEP-HCP Participation Application
- B. Tax Parcel ID Numbers
- C. Legal Description, Survey, Metes and Bounds
- D. USFWS Biological Opinion
- E. Karst Terrain Feature Survey
- F. Karst Feature Evaluation
- G. Karst Excavation Report
- H. Golden-cheeked Warbler Presence/Absence Surveys (2015 & 2016)
- I. Golden-cheeked Warbler Direct/Indirect Effect Exhibit

A golden-cheeked warbler habitat assessment and presence/absence surveys were conducted in 2015, 2016, and again in 2017. Golden-cheeked warblers were only found in one area of the easement along Cibolo Creek. Three years of surveys have established absence for the remaining alignment in Bexar County. Impacts from the pipeline to the area occupied by golden-cheeked warblers will require

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mitigation for 10.7-acres of direct effects and 60.6-acres of indirect effects. Construction activities will not occur within 300' of occupied golden-cheeked warbler habitat during the breeding season.

Construction activities will impact 41.73-acres of Karst Zone 1 and 49.53-acres of Karst Zone 2. The pipeline will impact 3.36-acres of Critical Habitat Unit 12 and 1.88-acres of Critical Habitat Unit 13.

CTRWSC proposes to pay 10.7-acres X \$8,000 for the direct impacts and 60.6-acres X \$2,000 for the indirect impacts for a total of \$206,800. In lieu of the \$1,000 per acre fee for karst participation, an endowment of \$150,000 will be paid to the SEP-HCP for management and monitoring of the plan's initial preserve.

We appreciate your time and assistance. If you have questions or need additional information, please do not hesitate to contact me at (210) 375-9000 or at my email address VCollins@pape-dawson.com.

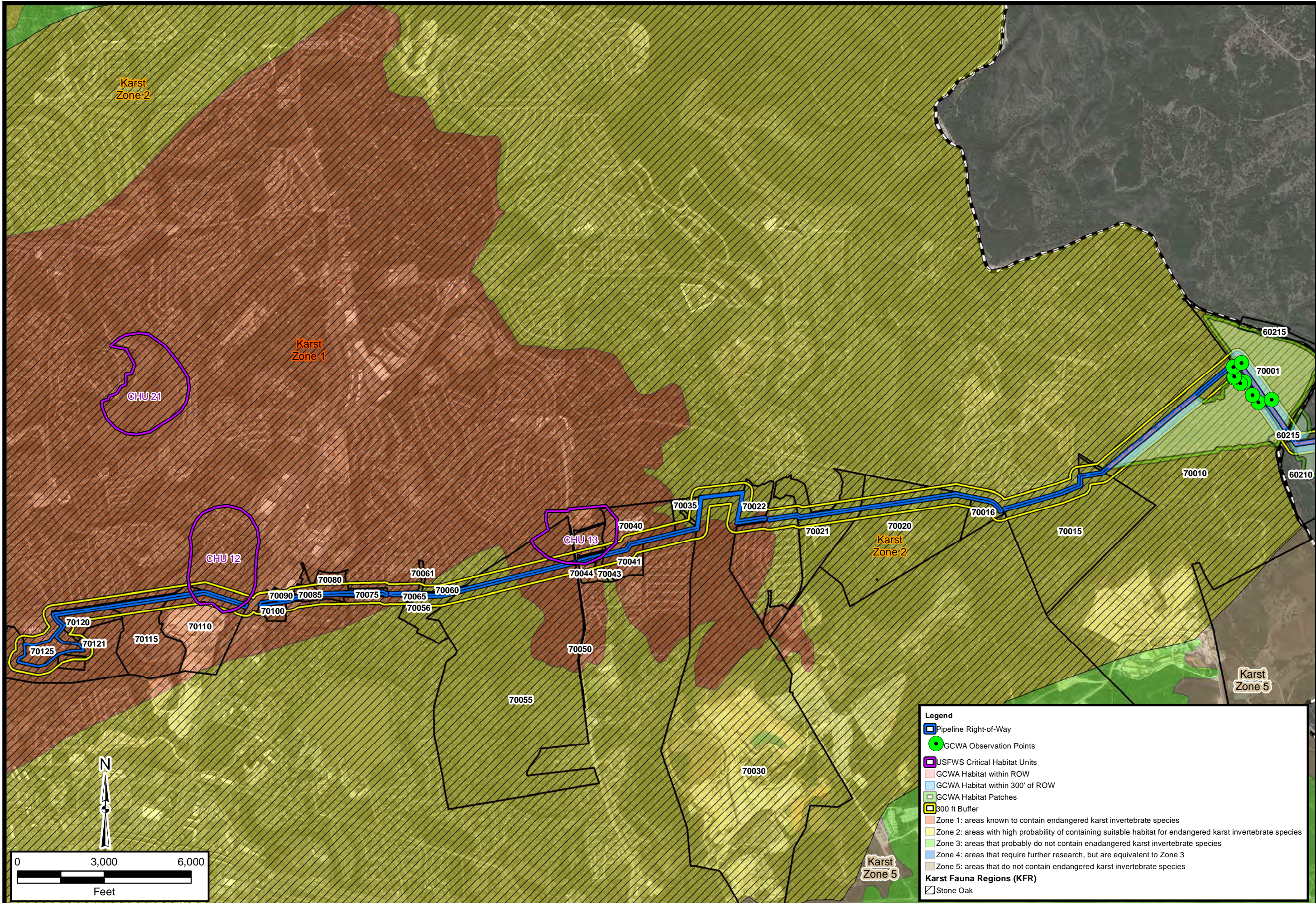
Sincerely,
VRRSP Consultants, LLC



Valerie Collins, AICP, TE#205717-2
Sr. Environmental Manager

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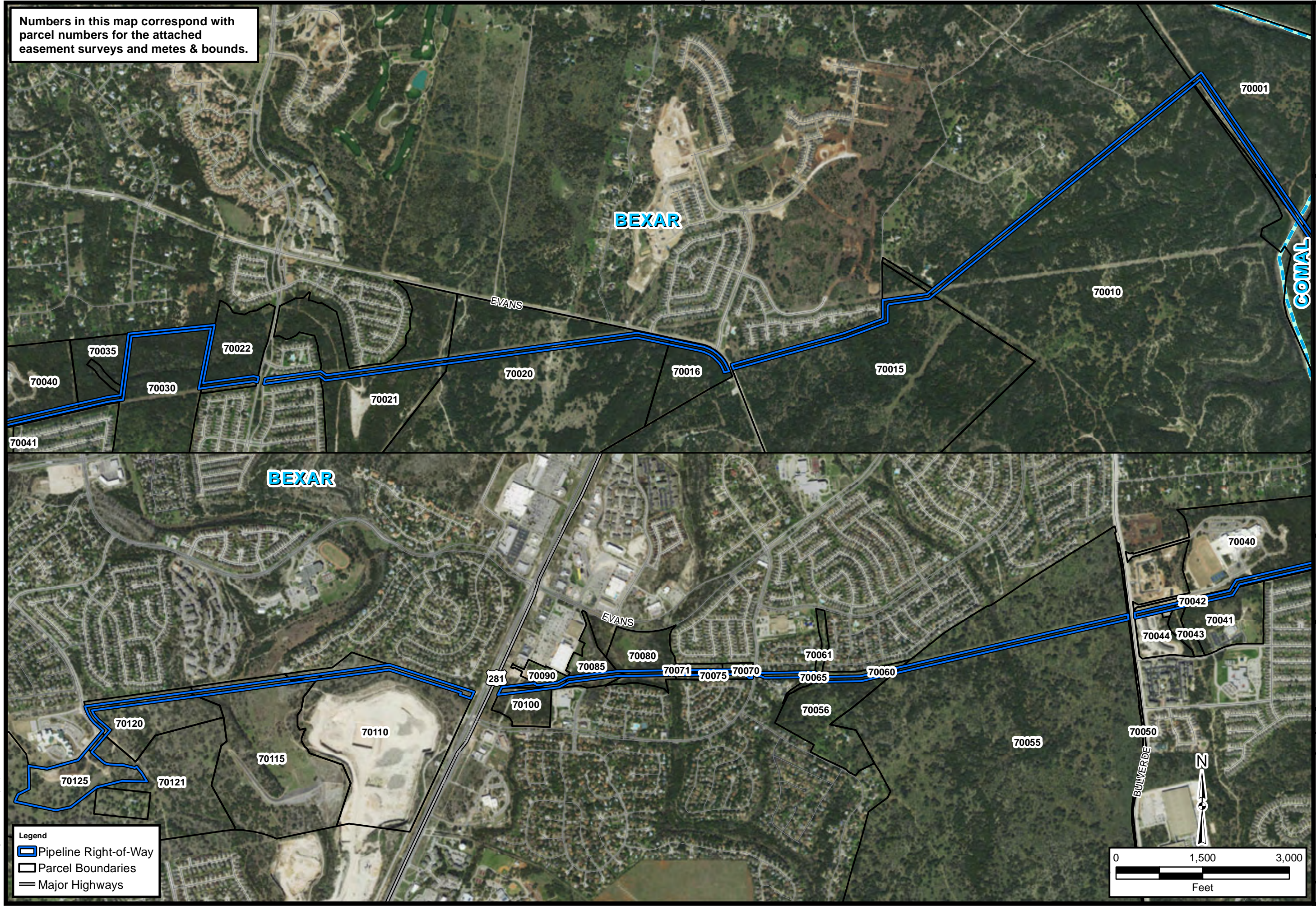
- Pipeline Right-of-Way
- GCWA Observation Points
- USFWS Critical Habitat Units
- GCWA Habitat within ROW
- GCWA Habitat within 300' of ROW
- GCWA Habitat Patches
- 300 ft Buffer
- Zone 1: areas known to contain endangered karst invertebrate species
- Zone 2: areas with high probability of containing suitable habitat for endangered karst invertebrate species
- Zone 3: areas that probably do not contain endangered karst invertebrate species
- Zone 4: areas that require further research, but are equivalent to Zone 3
- Zone 5: areas that do not contain endangered karst invertebrate species

Karst Fauna Regions (KFR)

- Stone Oak

VISTA RIDGE REGIONAL SUPPLY PROJECT TRANSMISSION PIPELINE				EXHIBIT 1 GOLDEN-CHEEKED WARBLER & KARST HABITAT MAP				VRRSP CONSULTANTS, LLC			
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DATE				DATE				DATE			
BY				BY				BY			
REVISION				REVISION				REVISION			
NO.				NO.				NO.			

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Numbers in this map correspond with parcel numbers for the attached easement surveys and metes & bounds.

Legend

- Pipeline Right-of-Way
- Parcel Boundaries
- Major Highways


0 1,500 3,000
Feet

N

NO.	REVISION	BY	DATE

DESIGNED:	DATE:
S Shashy	

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S Shashy	V Collins	Apr 2017



Central Texas Corporation
Regional Water Supply

Vista Ridge Regional Supply Project
Transmission Pipeline
SEP-HCP Mitigation
EXHIBIT 1
KEY MAP

VRRSP CONSULTANTS, LLC