SOUTHERN EDWARDS PLATEAU HABITAT CONSERVATION PLAN

ENDANGERED SPECIES ACT

INCIDENTAL TAKE PERMIT ANNUAL REPORT

FOR FY 2017 – 2018

PERMIT NUMBER TE-48571B-0

May 6, 2019

U.S. Fish and Wildlife Service
Austin Ecological Services Field Office
10711 Burnet Road, Suite 200
Austin, Texas 78758

U.S. Fish and Wildlife Service, Region 2
Branch of Environmental Review
P.O. Box 1306, Room 6034
Albuquerque, New Mexico 87103

RE: Annual Report for 2017 - 2018 Fiscal Year required by Endangered Species Act Incidental Take Permit TE-48571B-0 for the Southern Edwards Plateau Habitat Conservation Plan (SEP-HCP)

To whom it may concern:

This letter comprises the annual permit report for the 2017 – 2018 Fiscal Year (October 1, 2017 through September 30, 2018) for the Southern Edwards Plateau Habitat Conservation Plan (SEP-HCP), as required by Box 12. Reporting Requirements and Box 13. ANNUAL REPORT of permit number TE-48571B-0. "*An annual report will describe the previous calendar year's activities in compliance with this permit and Section 12 of the SEP-HCP. Annual reports will be submitted each year for the duration of this permit area.*" SEP-HCP Section 12.1 requires the submission of an annual report "*to document progress towards achieving the goals and objectives of the SEP-HCP and demonstrate compliance with the terms and conditions of the Permit.*"

This report was prepared by Blair Wildlife Consulting, LLC (BWC) on behalf of Bexar County, Texas and the City of San Antonio (the Permittees) and describes compliance with the permit between January 18, 2016 (permit effective date) and September 30, 2017.

In accordance with SEP-HCP Section 12.1, activities for the 2017 – 2018 Fiscal Year (October 1, 2017 through September 30, 2018) are reported below in the following sections and any required supporting information is included as attachments to this letter.

Although the Permit was issued February 5, 2016 and effective as of January 18, 2016, official acceptance and execution of the Permit by the Permittees occurred on April 18, 2017.

1. SEP-HCP PARTICIPANTS AND ENROLLED PROPERTIES

A summary of participation in the SEP-HCP, including a list of Participants and Enrolled Properties and the corresponding acreages covered for incidental take for each of the Covered Species is included below.

A total of five Participants / Enrolled Properties occurred during the 2017 – 2018 Fiscal Year. The complete list of Participants and Enrolled Properties is included in **Attachment A**. An exhibit depicting the locations of each of the Enrolled Properties within the Permit Area is also included as part of **Attachment A**. Copies of all Participation Agreements and Participation Certificates for Participants and Enrolled Properties that occurred during the 2017 – 2018 Fiscal Year were provided to the Service at the time in which they were issued to the Participant, and therefore have not been included again as attachments to this report.

2. SEP-HCP PRESERVE SYSTEM

A summary of the lands and habitats included in the SEP-HCP preserve system, including the total preserve acres and the acres of suitable habitat for each of the Covered Species is included below.

No GCW or BCV preserves were established during the 2017-2018 Fiscal Year.

As part of the initial conservation actions required prior to beginning enrollment of participants in the SEP-HCP for the Covered Karst Invertebrates, the SEP-HCP established six (6) karst fauna areas (KFA) within Government Canyon State Natural Area (GCSNA) during the 2016 – 2017 Fiscal Year. Two additional KFAs, the Northern Preserve and Panther Springs Park Preserve, were established during the 2017 – 2018 Fiscal Year. The total preserve acres, the acres of suitable habitat for each of the Covered Species, and current status of the Conservation Baseline for the Covered Karst Invertebrates is included in **Attachment B**.

The Permittee's request that the Service provide an update of all other conservation actions completed by other sponsors in order to evaluate the current status towards achievement of the Conservation Baselines[1] as well as any information on new localities for the Covered Karst Invertebrates. The SEP-HCP may provide incidental take authorization for Covered Activities conducted within an Occupied Cave Zone only after certain baseline levels of conservation have been achieved for the Covered Karst Invertebrates that occur in the associated karst feature.

The Conservation Baselines are based on the downlisting criteria described in the Bexar County Karst Invertebrates Recovery Plan (USFWS 2011b). Achievement of the Conservation Baselines will be evaluated and determined on a species-by-species and region-by-region (i.e., by Karst Fauna Regions or "KFRs") basis. All qualifying conservation actions[2] that have been implemented for the Covered Karst Invertebrates will be considered in the determination, regardless of the sponsor of the conservation action. All karst preserves that the Service deems as contributing towards recovery of the Covered Karst Invertebrates will contribute to the karst Conservation Baseline, even if the preserves were protected by an entity or effort other than the SEP-HCP.

3. SEP-HCP PRESERVATION CREDITS LEDGER

The conservation ledger documenting Preservation Credits generated and deducted for the GCW for the 2017 – 2018 Fiscal Year is included in **Attachment C**.

No BCV Preservation Credits were generated or deducted during the 2017 – 2018 Fiscal Year, as the species was delisted by the Service.

4. SEP-HCP FINANCIAL STATUS

A summary of the financial status of the SEP-HCP, including the balance and performance of the non-wasting management endowment is included below.

The Interlocal Agreement executed by the Permittees on February 24, 2017 identifies the annual allocations and responsibilities of each Permittee and was provided to the Service upon execution and was included as part of the 2016 – 2017 Fiscal Year Annual Report.

The non-wasting management endowment was established during the 2017 – 2018 Fiscal Year as the SEP-HCP established two new preserves for the Covered Karst Invertebrates during the reporting period. All contributions were made in accordance with the SEP-HCP endowment requirements.

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[1] The Conservation Baselines are the minimum requirements needed for each of the Covered Karst Invertebrates within each KFR based on the downlisting criteria described in the Bexar County Karst Invertebrates Recovery Plan (USFWS 2011b).

[2] Qualifying conservation actions would be any other activity outside of preserve acquisition, which would be considered and approved by the Service as contributing to the conservation baseline for the Covered Species. Examples of qualifying conservation actions could include, but are not limited to: surveying for new localities for the Covered Karst Invertebrates; establishing additional protections to currently known Covered Karst Invertebrate-occupied features; establishing protection of the areas surrounding a feature in the event that additional protective measures cannot be placed on the features entrance, or implementing protective measures necessary to improve the long-term viability of the occupied feature.

5. MANAGEMENT ACTIVITIES ON PRESERVE LANDS AND PRESERVE MANAGEMENT PLAN UPDATES

A summary of management activities conducted on SEP-HCP preserve lands and a copy of Preserve Management Plan updates for the previous year are included below.

Management activities conducted on SEP-HCP preserve lands were conducted in accordance with the Government Canyon State Natural Area Karst Fauna Areas Management and Monitoring Plan dated February 6, 2017.

No updates to any Preserve Management Plans were completed during the 2017-2018 Fiscal Year.

6. BIOLOGICAL MONITORING ACTIVITIES ON PRESERVE LANDS AND OTHER SURVEYS OF THE COVERED SPECIES AND THEIR HABITATS

The results of biological monitoring activities conducted on SEP-HCP preserve lands, including all reports documenting surveys of the Covered Species and their habitats are summarized below.

Biological monitoring activities were completed as part of the establishment and management of the Government Canyon State Natural Area Karst Fauna Areas. Results of the activities were reported as part of the annual reporting requirements for work conducted under Endangered Species Act Section 10[A][1][a] permit TE85077A-1.

7. COMMUNITY EDUCATION AND OUTREACH PROGRAMS AND RESEARCH

A summary of the status of community education and outreach programs and other conservation measures for the Covered Species, including the results of any research conducted with the support of the SEP-HCP are included below.

The SEP-HCP conducts numerous education and outreach events, meetings, and notifications to inform potential applicants of the SEP-HCP program annually. The Permittees also continue to maintain an additional website that contains all necessary information on how to participate in the SEP-HCP; background information on the SEP-HCP, and its administration: https://www.sanantonio.gov/DSD/Constructing/SEP-HCP.

Per condition T of the ITP TE48571B-1 and Section 4.5.3 of the SEP-HCP, Karst Participation Certificates will not be offered until the Permittees had secured some level of up-front mitigation for all of the Covered Karst Invertebrate Species. The level and type of mitigation obtained for each species will likely vary. The Permittees worked with the Service in determining when the appropriate level of up-front mitigation had occurred. For species like *C. venii*, with only two known but heavily impacted localities, options remained limited to satisfy the SEP-HCPs up-front mitigation requirements. Therefore, other conservation measures and/or recovery efforts which provide for some increased level of conservation were the only options to help satisfy up-front mitigation requirements. The SEP-HCP Permittees contracted with Dr. Marshal Hedin of San Diego State University to conduct a genetics study of the *Cicurina* spiders of Bexar County, Texas.

The research proposal and supporting information documented the conservation value of the proposed initial conservation action and proposed an initial conservation action for the Covered Karst Invertebrates within the *Cicurina* genus, more particularly for *Cicurina venii*, that was consistent with the terms and conditions of the SEP-HCP and accompanying ITP. As summarized in the research proposal, the Permittees request the approval of this initial conservation action as the required up-front mitigation for *Cicurina venii*. Additionally, approval of this initial conservation action also contributes to further understanding of the *Cicurina* genus within Bexar County, Texas, including *Cicurina madla* and *Cicurina vespera* (SEP-HCP Covered Karst Invertebrates), as well as *Cicurina baronia* and *Cicurina loftini*, which although not included as a SEP-HCP Covered Species or Voluntarily Conserved Species, also benefit from the upfront mitigation action.

The Service approved the proposed up-front mitigation action and the Permittees initiated and fully funded the *Cicurina* research study on August 17, 2016. The funding and initiation of the Cicurina research study satisfied the SEP-HCP's up-front mitigation actions for *Cicurina venii,* as well as benefited *Cicurina madla* and *Cicurina vespera*.

A copy of the research proposal was provided to and approved by the Service, prior to the initiation of the research program. As of June 25, 2018, the research program was completed and findings of the research project published in Hedin, M., S. Derkarabetian, J. Blair, and P. Paquin. 2018. Sequence capture phylogenomics of eyeless Cicurina spiders from Texas caves, with emphasis on US federally-endangered species from Bexar County (Araneae, Hahniidae). ZooKeys 769: 49-76. https://doi.org/10.3897/zookeys.769.25814).

The paper established new taxonomic synonymies and range extensions for listed and non-listed Cicurina species in Bexar County as follows:

I. Species Synonymies

- *Cicurina venii* Gertsch, 1992 = *Cicurina madla* Gertsch, 1992 - The Braken Bat Cave meshweaver (*Cicurina venii*) is no longer a distinct taxonomic entity with specimens now assigned to Madla's Cave meshweaver (*Cicurina madla*). The former was a single site endemic and Madla's Cave meshweaver would now occupy that location.
- *Cicurina loftini* Cokendolpher, 2004 = *Cicurina vespera* Gertsch, 1992 - *Cicurina loftini* (no common name) is no longer a distinct taxonomic entity with specimens now assigned to the Government Canyon Bat Cave meshweaver (*Cicurina vespera*). The latter was a single site endemic but with revised taxonomy it subsumes all locations previously assigned to *C. loftini* in northwestern Bexar County.

II. Range Extensions

- Madla's Cave meshweaver, *C. madla*: Based on revised taxonomy this species now occurs in the Culebra Anticline Karst Fauna Region.
- Government Canyon Bat Cave meshweaver, *C. vespera*: Based on revised taxonomy its range is extended to 10-15 caves, formerly assigned to *C. loftini* in the Culebra Anticline Karst Fauna Region. This species has also now been documented to co-occur with Madla's Cave meshweaver in two caves. It was originally believed that blind Cicurinas did not co-occur. .

8. ADAPTIVE MANAGEMENT RECOMMENDATIONS AND CHANGED CIRCUMSTANCES

Recommended modifications to Preserve Management Plans or the SEP-HCPs conservation programs that may be warranted via the adaptive management process or changed circumstances are included below.

No modifications to Preserve Management Plans or the SEP-HCPs conservation programs occurred during the 2017 – 2018 Fiscal Year via the adaptive management process or changed circumstances.

9. COMPLIANCE-RELATED ISSUES AND ACTIONS

A summary of any compliance-related issues or actions involving Participants, Enrolled Properties, or preserves (including conservation easements) are included below.

No compliance-related issues or actions involving Participants, Enrolled Properties, or preserves (including conservation easements) occurred during the 2017 – 2018 Fiscal Year and no issues occurred within any of the Government Canyon State Natural Area Karst Fauna Areas, Northern Preserve KFA or Panther Springs Park KFA.

10. OTHER INFORMATION OR RECOMMENDATIONS

No other pertinent information or recommendations, as appropriate occurred during the 2017 – 2018 Fiscal Year.

This report summarizes the development, conservation activities, and biological monitoring surveys conducted by the SEP-HCP for the 2017 – 2018 Fiscal Year reporting period. Please contact either myself at 512-415-9772 or Tony Felts at 210-207-0153 if you have any questions or require any additional information.

Sincerely,

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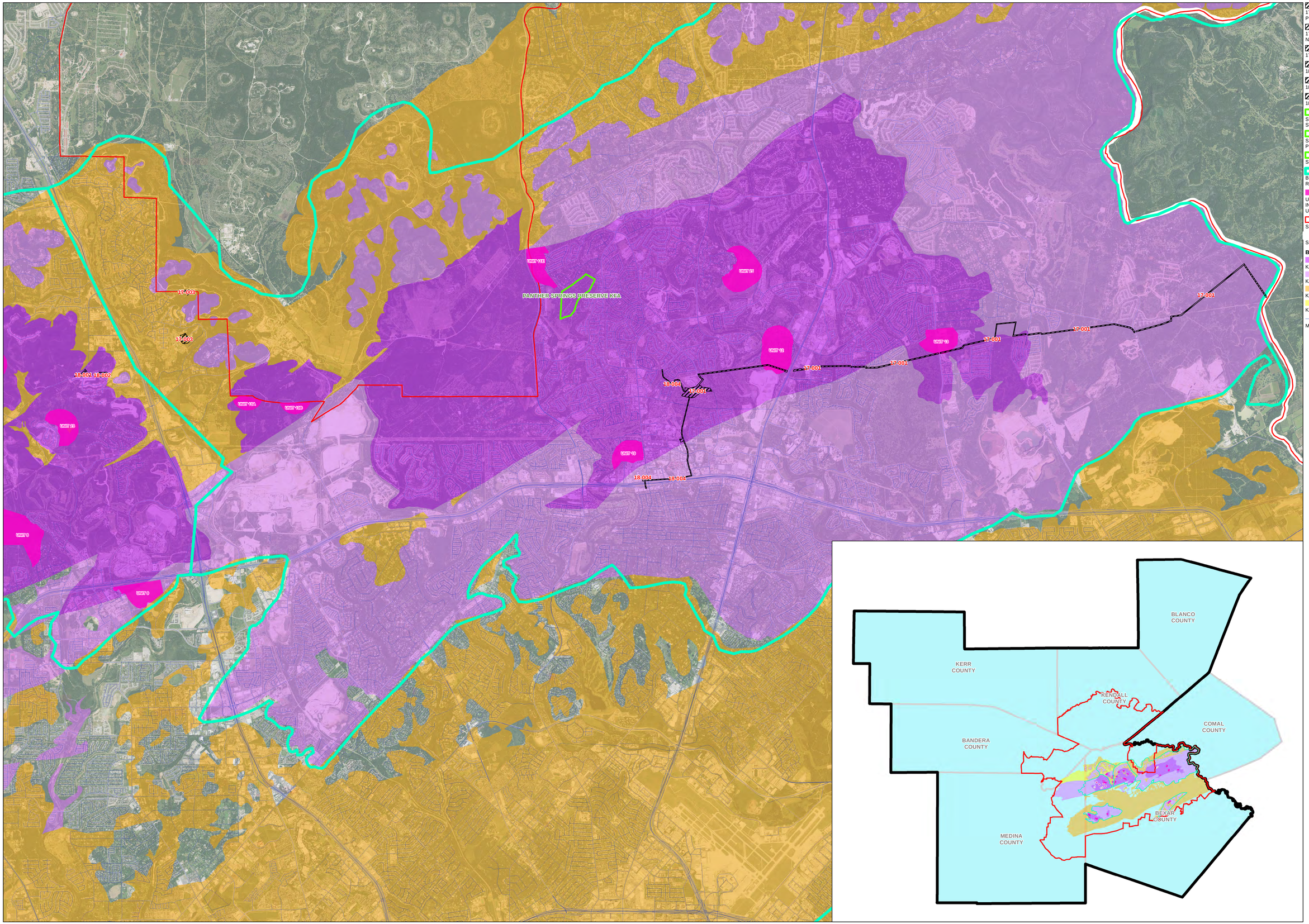
ATTACHMENT A

SEP-HCP PARTICIPANTS AND ENROLLED PROPERTIES

SEP-HCP PARTICIPANTS AND ENROLLED PROPERTIES SUMMARY FY 17-18 (FIGURE 1).

				COVERED SPECIES & INCIDENTIAL TAKE AUTHORIZATIONS																	
APPLICATION NO.	APPLICANT NAME	ACRES COVERED FOR INCIDENTAL TAKE	DATE ENROLLED	GCW DIRECT IMPACTS ACRES	GCW INDIRECT IMPACTS ACRES	TOTAL GCW ACRES	BCV DIRECT IMPACTS ACRES	BCV INDIRECT IMPACTS ACRES	TOTAL BCV ACRES	KARST ZONE 1	KARST ZONE 2	KARST ZONES 1 & 2 TOTAL	KARST ZONE 3	KARST ZONE 4	KARST ZONES 3 & 4 TOTAL	*BATRISODES VENYIVI*	*CICURINA MADLA / CICURINA VENII*	*CICURINA VESPERA / CICURINA LOFTINI*	*RHADINE EXILIS*	*RHADINE INFERNALIS*	*NEOLEPTONETA MICROPS*
17-001	Vista Ridge Regional Supply Project (VRRSP)*	91.26	20180817	0.00	0.00	**N**	0.0	0.0	**N**	41.73	49.53	**91.26**	0.00	0.00	**N**	N	N	N	Y	Y	N
17-003	INTCO Dominion - Hilltop & Howell North	12.71	20180907	10.76	23.35	**34.11**	0.0	0.0	**N**	0.00	0.00	**N**	12.71	0.00	**12.71**	N	N	N	N	N	N
18-004	SAWS North Segment	13.70	20180917	0.00	0.00	**N**	0.0	0.0	**N**	6.92	6.78	**13.70**	0.00	0.00	**N**	N	N	N	N	N	N
18-001	123 Heuermann Road Tract	6.17	20180925	6.17	13.47	**19.64**	0.0	0.0	**N**	6.17	0.00	**6.17**	0.00	0.00	**N**	N	N	N	N	N	N
18-002	Cresta Bella Unit 4B	4.66	20181002	4.06	9.77	**13.83**	0.0	0.0	**N**	4.66	0.00	**4.66**	0.00	0.00	**N**	N	N	N	N	N	N
	TOTAL	***128.50***		***20.99***	***46.59***	***67.58***	***0.00***	***0.00***	***0.00***	***59.48***	***56.31***	***115.79***	***12.71***	***0.00***	***12.71***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***	***0.00***

* INCIDENTAL TAKE FOR R. EXILIS AND R. INFERNALIS COVERED THROUGH USFWS SECTION 7 CONSULTATION; ALL GCW IMPACTS MITIGATED SEPARATELY THROUGH SECTION 7 CONSULTATION PROCESS.


17-001 VISTA RIDGE REGIONAL SUPPLY PROJECT
17-003 INTCO DOMINION - HOWELL NORTH
17-003 INTCO DOMINION - HILLTOP
18-001 123 HEUERMANN ROAD TRACT
18-002 CRESTA BELLA UNIT 4 B
18-004 SAWS NORTH SEGEMENT
SEP-HCP GOVERNMENT CANYON STATE NATURAL AREA KFAS
SEP-HCP PANTHER SPRINGS PRESERVE KFA
SEP-HCP NORTHERN PRESERVE KFA
BEXAR COUNTY KARST FAUNA REGIONS
USFWS BEXAR COUNTY KARST INVERTEBRATES CRITICAL HABITAT UNITS
SEP-HCP INITIAL ENROLLMENT
SEP-HCP PERMT
BEXAR COUNTY KARST ZONES
KARST ZONE 1
KARST ZONE 2
KARST ZONE 3
KARST ZONE 4
MAJOR ROADWAYS
PANTHER SPRINGS PRESERVE KFA
UNIT 9E
UNIT 9I
UNIT 9J
UNIT 9G
UNIT 9D
UNIT 10A
UNIT 10B
UNIT 10
UNIT 8
UNIT 7
17-003
17-001
18-001
18-002
18-004
BLANCO COUNTY
KERR COUNTY
KENDALL COUNTY
COMAL COUNTY
BANDERA COUNTY
BEXAR COUNTY
MEDINA COUNTY

ATTACHMENT B

SEP-HCP PRESERVE SYSTEM SUMMARY

Summary of the Lands and Habitats Included in the SEP-HCP Preserve System, Including the Total Preserve Acres and the Acres of Suitable Habitat for Each of the Covered Species.

SEP-HCP PRESERVE	COVERED SPECIES	KFR	TOTAL ACRES	ACRES OF SUITABLE HABITAT	CRITICAL HABITAT UNIT	PRESERVE TYPE
Surprise Sink and Bone Pile Cave KFA	*Rhadine exilis* *Rhadine infernalis* *Cicurina madla* *Neoleptoneta microps*	Government Canyon	144	144	1a	High Quality
Government Canyon Bat Cave KFA	*Cicurina vespera* *Neoleptoneta microps* *Rhadine exilis* *Rhadine infernalis*	Government Canyon	100	100	1b	High Quality
Lost Pothole KFA	*Cicurina madla*	Government Canyon	100	100	1c	High Quality
Lithic Ridge, Dancing Rattler, and Hackberry Sink KFA	*Cicurina madla* *Rhadine infernalis* *Rhadine exilis*	Government Canyon	224	224	1d	High Quality
Tight KFA	*Rhadine exilis* *Rhadine infernalis* *Batrisodes venyivi* *Cicurina madla*	Government Canyon	105	416	1e	High Quality
10K KFA	*Cicurina madla* *Rhadine infernalis* *Rhadine exilis* *Batrisodes venyivi*	Government Canyon	100	100	1f	High Quality
Northern Preserve KFA	*Cicurina vespera* *Rhadine infernalis*	Culebra Anticline	66.31	66.31	-	Medium Quality
Panther Springs Park Preserve KFA	*Cicurina madla* *Rhadine exilis*	Stone Oak	91	91	-	Medium Quality

Conservation Baselines needed for the Covered Karst Invertebrates based on current knowledge of species distribution and establishment of KFAs within the SEP-HCP Permit Area.

Species	Number of KFRs Where Species is Currently Known To Occur	Minimum Configuration of Preserves Needed in Each KFR[1]					Total Number of Preserves Needed			Current Knowledge of Species Distribution					Current Status of Preserves in Each KFR					Current Status of Conservation Baseline and Minimum Configuration of Preserves Needed to Reach Conservation Baseline in Each KFR				
		KFR #1	KFR #2	KFR #3	KFR #4	KFR #5	High Quality	Medium Quality	Total	Govmt Canyon KFR	Helotes KFR	UTSA KFR	Stone Oak KFR	Culebra Anticline KFR	Govmt Canyon KFR	Helotes KFR	UTSA KFR	Stone Oak KFR	Culebra Anticline KFR	Govmt Canyon KFR	Helotes KFR	UTSA KFR	Stone Oak KFR	Culebra Anticline KFR
Rhadine exilis	5	1H +2M	1H +2M	1H +2M	1H +2M	1H + 2M	5	10	15	Y	Y	Y	Y	Y	6H	0	0	1M[c]	1M[d]	**Achieved**	1H + 2M	1H + 2M	1H + 1M	1H + 1M
Rhadine infernalis	5	1H + 2M	1H + 2M	1H + 2M	1H + 2M	1H + 2M	5	10	15	Y	Y	Y	Y	Y	6H	0	0	0	1H + 1M[c]	**Achieved**	1H + 2M	1H + 2M	1H + 2M	1M
Batrisodes venyivi	2[a]	2H + 1M	1H + 2M	-	-	-	3	3	6	Y	Y	Y[a]	N	N	2H + 1M	0	0	0	0	**Achieved**	1H + 2M	1H + 2M	-	-
Neoleptoneta microps	1	3H + 3M	-	-	-	-	3	3	6	Y	N	N	N	N	2H	0	0	0	0	1H + 3M	-	-	-	-
Cicurina madla / Cicurina venii	5[b]	1H + 2M	1H + 2M	1H + 2M	1H + 2M	1H + 2M	5	10	15	Y	Y	Y	Y	Y[b]	6H	0	0	1M[c]	0	**Achieved**	1H + 2M	1H + 2M	1H + 1M	1H + 2M
Cicurina vespera / Cicurina loftini	2[b]	2H + 1M	1H + 2M	-	-	-	3	3	6	Y	N	N	N	Y	1H	0	0	0	1H + 2M[c, d]	1H + 1M	-	-	-	**Achieved**

[1] H = High Quality Preserve; M = Medium Quality Preserve

[a] While the Service has records of this species being known from the UTSA KFR, there is not confirmation of the cave location, therefore at this time; the Service only recognizes this species as occurring in 2 KFRs, and does not recognize the UTSA KFR as having the species.

[b] Updated based on Hedin et al. 2018 and correspondence from the Service to the SEP-HCP Permittees dated 8/29/2018 accepting the findings of Hedin, et al. 2018 for the Bexar County Cicurinas as published: Hedin, M., S. Derkarabetian, J. Blair, and P. Paquin. 2018. Sequence capture phylogenomics of eyeless Cicurina spiders from Texas caves, with emphasis on US federally-endangered species from Bexar County (Araneae, Hahniidae). ZooKeys 769: 49-76. https://doi.org/10.3897/zookeys.769.25814).

The paper establishes new taxonomic synonymies and range extensions for listed and non-listed Cicurina species in Bexar County as follows:
I. Species Synonymies
• Cicurina venii Gertsch, 1992 = Cicurina madla Gertsch, 1992 - The Braken Bat Cave meshweaver (Cicurina venii) is no longer a distinct taxonomic entity with specimens now assigned to Madla's Cave meshweaver (Cicurina madla). The former was a single site endemic and Madla's Cave meshweaver would now occupy that location.
• Cicurina loftini Cokendolpher, 2004 = Cicurina vespera Gertsch, 1992 - Cicurina loftini (no common name) is no longer a distinct taxonomic entity with specimens now assigned to the Government Canyon Bat Cave meshweaver (Cicurina vespera). The latter was a single site endemic but with revised taxonomy it subsumes all locations previously assigned to C. loftini in northwestern Bexar County.
II. Range Extensions
• Madla's Cave meshweaver, C. madla: Based on revised taxonomy this species now occurs in the Culebra Anticline Karst Fauna Region.
• Government Canyon Bat Cave meshweaver, C. vespera: Based on revised taxonomy its range is extended to 10-15 caves, formerly assigned to C. loftini in the Culebra Anticline Karst Fauna Region. This species has also now been documented to co-occur with Madla's Cave meshweaver in two caves. It was originally believed that blind Cicurinas did not co-occur.

[c] Northern Preserve KFA (Cluebra Anticline KFR) contains both *C. vespera* and *R. infernalis*; Panther Springs Park Preserve KFA (Stone Oak KFR) contains both *C. madla* and *R. exilis*; the Stevens Ranch Karst Preserve contains *C. vespera* and *R. infernalis*

[d] The SAWS APS Karst Preserve contains *C. vespera* & *R. exilis*.

ATTACHMENT C

SEP-HCP PRESERVATION CREDITS LEDGER

SEP-HCP GCW PRESERVATION CREDIT LEDGER

DATE	DESCRIPTION	REFERENCE #	DEBIT	CREDIT	BALANCE	COMMENTS
8/10/2018	BCCB GCW Credit Transfer to SEP-HCP on behalf of 18-005-Comal ISD Waterline	18-005	0.00	9.50	9.50	Credits transferred from BCCB to SEP-HCP on behalf of 18-005 on 8/10/2018 Transaction reflected in RIBITS
9/6/2018	BCCB GCW Credit Transfer to SEP-HCP on behalf of 17-003 INTCO Dominion - Hilltop & Howell North	17-003	0.00	32.25	41.75	Credits transferred from BCCB to SEP-HCP on behalf of 17-003 on 9/6/2018 Transaction reflected in RIBITS
9/6/2018	SEP-HCP Application 17-003 INTCO Dominion - Hilltop & Howell North	17-003	32.25	0.00	9.50	Participation Agreement executed on 9/6/2018; Participation Certificate Issued and Enrollment Completed on 9/7/2018
9/17/2018	BCCB GCW Credit Transfer to SEP-HCP on behalf of 18-002 - Cresta Bella Unit 4B	18-002	0.00	13.25	22.75	Credits transferred from BCCB to SEP-HCP on behalf of 18-002 on 9/17/2018 Transaction reflected in RIBITS
9/20/2018	BCCB GCW Credit Transfer to SEP-HCP on behalf of 18-001 - 123 Heuermann Road Tract	18-001	0.00	19.25	42.00	Credits transferred from BCCB to SEP-HCP on behalf of 18-001 on 9/20/2018 Transaction reflected in RIBITS
9/25/2018	SEP-HCP Application 18-001 - 123 Heuermann Road Tract	18-001	19.25	0.00	22.75	Participation Agreement executed on 9/20/2018; Participation Certificate Issued and Enrollment Completed on 9/25/2018
10/2/2018	SEP-HCP Application 18-005 Comal ISD Waterline	18-005	9.50	0.00	13.25	Participation Agreement executed on 10/2/2018; Participation Certificate Issued and Enrollment Completed on 10/2/2018
10/2/2018	SEP-HCP Application 18-002 - Cresta Bella Unit 4B	18-002	13.25	0.00	0.00	Participation Agreement executed on 10/2/2018; Participation Certificate Issued and Enrollment Completed on 10/2/2018

SEP-HCP KARST ZONE 1 & 2 ENROLLMENT ACRES NORTHERN PRESERVE LEDGER

DATE	DESCRIPTION	REFERENCE #	KARST ZONE 1 ENROLLMENT ACRES	KARST ZONE 2 ENROLLMENT ACRES	KARST ZONE 3 ENROLLMENT ACRES	KARST ZONE 4 ENROLLMENT ACRES	TOTAL KARST ZONE 1 & 2 ENROLLMENT ACRES	TOTAL KARST ZONE 3 & 4 ENROLLMENT ACRES	KARST ENROLLMENT ACRES RESERVED	DEBIT (ENROLLMENT ACRES)	CREDIT (ENROLLMENT ACRES)	BALANCE (ENROLLMENT ACRES)	COMMENTS
6/22/2018	Northern Preserve KFA Establishment	-	-	-	-	-	-	-	-	0.00	678.52	678.52	USFWS approval of KFA and award of 678.52 karst enrollment acres received on June 30, 2017
6/22/2018	Stevens Ranch - Karst Enrollment Acres - RESERVED	-	-	-	-	-	-	-	494.52	0.00	0.00	184.00	Per Northern Preserve Donation Agreement executed 4/24/2018
8/16/2018	SEP-HCP Application 17-001 - Vista Ridge Pipeline	17-001	41.73	49.53	0.00	0.00	91.26	0.00	494.52	91.26	0.00	92.74	Participation Agreement Recorded 8/16/2018; Participation Certificate Issued & Enrollment completed 8/17/2018
9/17/2018	SEP-HCP Application 18-004 SAWS CWIP North Segement	18-004	6.92	6.78	0.00	0.00	13.70	0.00	494.52	13.70	0.00	79.04	Participation Agreement Recorded 9/17/2018; Participation Certificate Issued & Enrollment completed 9/17/2018

SEP-HCP KARST ZONE 1 & 2 ENROLLMENT ACRES PANTHER SPRINGS PRESERVE LEDGER

DATE	DESCRIPTION	REFERENCE #	KARST ZONE 1 ENROLLMENT ACRES	KARST ZONE 2 ENROLLMENT ACRES	KARST ZONE 3 ENROLLMENT ACRES	KARST ZONE 4 ENROLLMENT ACRES	TOTAL KARST ZONE 1 & 2 ENROLLMENT ACRES	TOTAL KARST ZONE 3 & 4 ENROLLMENT ACRES	KARST ENROLLMENT ACRES RESERVED	DEBIT (ENROLLMENT ACRES)	CREDIT (ENROLLMENT ACRES)	BALANCE (ENROLLMENT ACRES)	COMMENTS
9/19/2018	Panther Springs Preserve KFA Establishment	-	-	-	-	-	-	-	-	0.00	471.00	471.00	USFWS approval of KFA and award of 471 karst enrollment acres received on September 19, 2018
9/19/2018	Panther Springs Preserve KFA - Karst Enrollment Acres - RESERVED FOR COSA PARD PROJECTS	-	-	-	-	-	-	-	90.00	0.00	0.00	381.00	Per Panther Springs Approval by Parks Board 7/23/2018
9/25/2018	SEP-HCP Application 18-001 123 Heuermann Road Tract	18-001	6.17	0.00	0.00	0.00	6.17	0.00	90.00	6.17	0.00	374.83	Participation Agreement Recorded 9/24/2018; Participation Certificate Issued & Enrollment completed 9/25/2018
10/2/2018	SEP-HCP Application 18-002 - Cresta Bella Unit 4B	18-002	4.66	0.00	0.00	0.00	4.66	0.00	90.00	4.66	0.00	370.17	Participation Agreement Recorded 10/2/2018; Participation Certificate Issued & Enrollment completed 10/2/2018

ATTACHMENT D

SEP-HCP FINANCIAL STATUS

SEP-HCP Account Statement - FY 2017 thru 2018

SEP-HCP General Program Administration				
Account Number	**Account Name**	**2017**	**2018**	**Cumulative Fund Balance**
4406300	Application Fee - $2.5K	7,500	22,500	30,000
4406301	Plan Admin Fee - 10% Tot Mitig Fees	9,126	34,698	43,824
4406305	Karst Habitat - $1K per acre	68,445	36,165	104,610
4901301	Interest on Pooled Investments-Operating	869	3,959	4,828
4902700	Net Increase in Fair Value of Investment*	(13)	(112)	(125)
5201040	Fees to Professional Contractors***	-	(52,358)	(52,358)
6101100	Interfund Transfers In	141,750	141,750	283,500
Grand Total		**227,676**	**186,602**	**414,278**

Endowment Fund - Government Canyon				
Account Number	**Account Name**	**2017**	**2018**	**Cumulative Fund Balance**
4406305	Karst Habitat - $1K per acre	-	-	-
4901301	Interest on Pooled Investments-Operating	-	784	784
4902700	Net Increase in Fair Value of Investment*	-	(20)	(20)
6101100	Interfund Transfers In	33,250	33,250	66,500
Grand Total		**33,250**	**34,014**	**67,264**

Endowment Fund - Northern Preserve				
Account Number	**Account Name**	**2017**	**2018**	**Cumulative Fund Balance**
4406305	Karst Habitat - $1K per acre	22,815	3,425	26,240
4502280	Contributions from other agencies	-	165,750	165,750
4901301	Interest on Pooled Investments-Operating	-	2,263	2,263
4902700	Net Increase in Fair Value of Investment*	-	(59)	(59)
Grand Total		**22,815**	**171,379**	**194,194**

Endowment Fund - Panther Springs Preserve				
Account Number	**Account Name**	**2017**	**2018**	**Cumulative Fund Balance**
4406305	Karst Habitat - $1K per acre	-	8,630	8,630
4901301	Interest on Pooled Investments-Operating	-	102	102
4902700	Net Increase in Fair Value of Investment*	-	(3)	(3)
Grand Total		**-**	**8,729**	**8,729**
		Total of All Fund Balances		**684,465**