

APPENDIX F

Estimated Direct Habitat Modification and Indirect Habitat Modification for Covered Species

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Plan Area County Name										
	Golden-cheeked Warbler	Whooping Crane	Piping Plover	Rufa Red Knot	Red-cockaded Woodpecker	Ocelot	Spot-tailed Earless Lizard	Houston Toad	Barton Springs Salamander	Georgetown Salamander
	Take Exposure	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PUM + SS/PM	S/PUM	S/PUM	SS/PUM + SS/PM	S/PUM	SS/PUM + SS/PM	SS/PUM + SS/PM
	Take Likelihood	0.1	0.1	0.1	0.5	1	0.1	0.8	1	1
Anderson	0	0	0	0	0	0	0	0	0	0
Andrews	0	0	0	0	0	0	0	0	0	0
Angelina	0	0	0	0	0	12	0	0	0	0
Aransas	0	11	1	1	1	0	0	0	0	0
Archer	0	0	0	0	0	0	0	0	0	0
Armstrong	0	0	0	0	0	0	0	0	0	0
Atascosa	0	0	0	0	0	0	0	0	0	0
Austin	0	0	0	0	0	0	0	0	21	0
Bandera	98	0	0	0	0	0	0	0	0	0
Bastrop	0	0	0	0	0	0	0	0	64	0
Baylor	0	0	0	0	0	0	0	0	0	0
Bee	0	0	0	0	0	0	0	0	0	0
Bell	26	0	0	0	0	0	0	0	0	0
Bexar	26	0	0	0	0	0	0	0	0	0
Blanco	58	0	0	0	0	0	0	0	0	0
Borden	0	0	0	0	0	0	0	0	0	0
Bosque	39	0	0	0	0	0	0	0	0	0
Bowie	0	0	0	0	0	0	0	0	0	0
Brazoria	0	0	0	0	0	0	0	0	0	0
Brazos	0	0	0	0	0	0	0	0	0	0
Brewster	0	0	0	0	0	0	0	0	0	0
Briscoe	0	0	0	0	0	0	0	0	0	0
Brooks	0	0	0	0	0	0	0	0	0	0
Brown	0	0	0	0	0	0	0	0	0	0
Burleson	0	0	0	0	0	0	0	0	29	0
Burnet	76	0	0	0	0	0	0	0	0	0
Caldwell	0	0	0	0	0	0	0	0	0	0
Calhoun	0	8	0	0	0	0	0	0	0	0
Callahan	0	0	0	0	0	0	0	0	0	0
Cameron	0	0	2	2	2	0	9	0	0	0
Camp	0	0	0	0	0	0	0	0	0	0
Carson	0	0	0	0	0	0	0	0	0	0
Castro	0	0	0	0	0	0	0	0	0	0
Chambers	0	0	0	0	0	0	0	0	0	0
Cherokee	0	0	0	0	0	10	0	0	0	0
Childress	0	0	0	0	0	0	0	0	0	0
Clay	0	0	0	0	0	0	0	0	0	0
Coke	0	0	0	0	0	0	0	15	0	0
Coleman	0	0	0	0	0	0	0	0	0	0
Collin	0	0	0	0	0	0	0	0	0	0
Collingsworth	0	0	0	0	0	0	0	0	0	0
Colorado	0	0	0	0	0	0	0	0	31	0
Comal	90	0	0	0	0	0	0	0	0	0
Comanche	0	0	0	0	0	0	0	0	0	0
Concho	0	0	0	0	0	0	0	12	0	0
Cooke	0	0	0	0	0	0	0	0	0	0
Coryell	45	0	0	0	0	0	0	0	0	0
Cottle	0	0	0	0	0	0	0	0	0	0
Crane	0	0	0	0	0	0	0	0	0	0
Crockett	0	0	0	0	0	0	0	10	0	0
Crosby	0	0	0	0	0	0	0	0	0	0
Culberson	0	0	0	0	0	0	0	0	0	0
Dallas	0	0	0	0	0	0	0	0	0	0
Dawson	0	0	0	0	0	0	0	0	0	0
De Witt	0	0	0	0	0	0	0	0	0	0
Deaf Smith	0	0	0	0	0	0	0	0	0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Take Likelihood Factor; rounded to the nearest whole acre

Plan Area County Name										
	Golden-cheeked Warbler	Whooping Crane	Piping Plover	Rufa Red Knot	Red-cockaded Woodpecker	Ocelot	Spot-tailed Earless Lizard	Houston Toad	Barton Springs Salamander	Georgetown Salamander
	Take Exposure	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PUM + SS/PM	S/PUM	S/PUM	SS/PUM + SS/PM	S/PUM	SS/PUM + SS/PM	SS/PUM + SS/PM
	Take Likelihood	0.1	0.1	0.1	0.5	1	0.1	0.8	1	1
Delta	0	0	0	0	0	0	0	0	0	0
Denton	0	0	0	0	0	0	0	0	0	0
Dickens	0	0	0	0	0	0	0	0	0	0
Dimmit	0	0	0	0	0	0	0	0	0	0
Donley	0	0	0	0	0	0	0	0	0	0
Duval	0	0	0	0	0	0	0	0	0	0
Eastland	14	0	0	0	0	0	0	0	0	0
Ector	0	0	0	0	0	0	0	0	0	0
Edwards	40	0	0	0	0	0	0	10	0	0
Ellis	0	0	0	0	0	0	0	0	0	0
Erath	32	0	0	0	0	0	0	0	0	0
Falls	0	0	0	0	0	0	0	0	0	0
Fannin	0	0	0	0	0	0	0	0	0	0
Fayette	0	0	0	0	0	0	0	0	0	0
Fisher	0	0	0	0	0	0	0	0	0	0
Floyd	0	0	0	0	0	0	0	0	0	0
Foard	0	0	0	0	0	0	0	0	0	0
Fort Bend	0	0	0	0	0	0	0	0	0	0
Franklin	0	0	0	0	0	0	0	0	0	0
Freestone	0	0	0	0	0	0	0	0	0	0
Frio	0	0	0	0	0	0	0	0	0	0
Gaines	0	0	0	0	0	0	0	0	0	0
Galveston	0	0	0	0	0	0	0	0	0	0
Garza	0	0	0	0	0	0	0	0	0	0
Gillespie	50	0	0	0	0	0	0	0	0	0
Glasscock	0	0	0	0	0	0	0	12	0	0
Goliad	0	0	0	0	0	0	0	0	0	0
Gonzales	0	0	0	0	0	0	0	0	0	0
Gray	0	0	0	0	0	0	0	0	0	0
Grayson	0	0	0	0	0	0	0	0	0	0
Gregg	0	0	0	0	0	0	0	0	0	0
Grimes	0	0	0	0	0	0	0	0	0	0
Guadalupe	0	0	0	0	0	0	0	0	0	0
Hale	0	0	0	0	0	0	0	0	0	0
Hall	0	0	0	0	0	0	0	0	0	0
Hamilton	27	0	0	0	0	0	0	0	0	0
Hansford	0	0	0	0	0	0	0	0	0	0
Hardeman	0	0	0	0	0	0	0	0	0	0
Harris	0	0	0	0	0	0	0	0	0	0
Harrison	0	0	0	0	0	0	0	0	0	0
Hartley	0	0	0	0	0	0	0	0	0	0
Haskell	0	0	0	0	0	0	0	0	0	0
Hays	80	0	0	0	0	0	0	0	0	0
Hemphill	0	0	0	0	0	0	0	0	0	0
Henderson	0	0	0	0	0	0	0	0	0	0
Hidalgo	0	0	0	0	0	0	0	0	0	0
Hill	2	0	0	0	0	0	0	0	0	0
Hood	14	0	0	0	0	0	0	0	0	0
Hopkins	0	0	0	0	0	0	0	0	0	0
Houston	0	0	0	0	0	11	0	0	0	0
Howard	0	0	0	0	0	0	0	0	0	0
Hudspeth	0	0	0	0	0	0	0	0	0	0
Hunt	0	0	0	0	0	0	0	0	0	0
Hutchinson	0	0	0	0	0	0	0	0	0	0
Irion	0	0	0	0	0	0	0	9	0	0
Jack	0	0	0	0	0	0	0	0	0	0

Conceptual Calculation:
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Plan Area County Name											
	Golden-cheeked Warbler	Whooping Crane	Piping Plover	Rufa Red Knot	Red-cockaded Woodpecker	Ocelot	Spot-tailed Earless Lizard	Houston Toad	Barton Springs Salamander	Georgetown Salamander	
	Take Exposure	SS/PUM	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PUM + SS/PM	S/PUM	S/PUM	SS/PUM + SS/PM	S/PUM	SS/PUM + SS/PM	SS/PUM + SS/PM
	Take Likelihood	1	0.1	0.1	0.1	0.5	1	0.1	0.8	1	1
Jackson		0	1	0	0	0	0	0	0	0	0
Jasper		0	0	0	0	0	1	0	0	0	0
Jeff Davis		0	0	0	0	0	0	0	0	0	0
Jefferson		0	0	0	0	0	0	0	0	0	0
Jim Hogg		0	0	0	0	0	0	0	0	0	0
Jim Wells		0	0	0	0	0	0	4	0	0	0
Johnson		4	0	0	0	0	0	0	0	0	0
Jones		0	0	0	0	0	0	0	0	0	0
Karnes		0	0	0	0	0	0	0	0	0	0
Kaufman		0	0	0	0	0	0	0	0	0	0
Kendall		68	0	0	0	0	0	0	0	0	0
Kenedy		0	0	2	2	0	5	0	0	0	0
Kent		0	0	0	0	0	0	0	0	0	0
Kerr		76	0	0	0	0	0	11	0	0	0
Kimble		49	0	0	0	0	0	0	0	0	0
King		0	0	0	0	0	0	0	0	0	0
Kinney		10	0	0	0	0	0	13	0	0	0
Kleberg		0	0	0	0	0	0	0	0	0	0
Knox		0	0	0	0	0	0	0	0	0	0
La Salle		0	0	0	0	0	0	0	0	0	0
Lamar		0	0	0	0	0	0	0	0	0	0
Lamb		0	0	0	0	0	0	0	0	0	0
Lampasas		44	0	0	0	0	0	0	0	0	0
Lavaca		0	0	0	0	0	0	0	52	0	0
Lee		0	0	0	0	0	0	0	57	0	0
Leon		0	0	0	0	0	0	0	12	0	0
Liberty		0	0	0	0	0	0	0	0	0	0
Limestone		0	0	0	0	0	0	0	0	0	0
Lipscomb		0	0	0	0	0	0	0	0	0	0
Live Oak		0	0	0	0	0	0	0	0	0	0
Llano		36	0	0	0	0	0	0	0	0	0
Loving		0	0	0	0	0	0	0	0	0	0
Lubbock		0	0	0	0	0	0	0	0	0	0
Lynn		0	0	0	0	0	0	0	0	0	0
Madison		0	0	0	0	0	0	0	0	0	0
Martin		0	0	0	0	0	0	0	0	0	0
Mason		33	0	0	0	0	0	20	0	0	0
Matagorda		0	2	0	0	0	0	0	0	0	0
Maverick		0	0	0	0	0	0	18	0	0	0
Mcculloch		0	0	0	0	0	0	16	0	0	0
Mclennan		5	0	0	0	0	0	0	0	0	0
Mcmullen		0	0	0	0	0	0	0	0	0	0
Medina		31	0	0	0	0	0	0	0	0	0
Menard		7	0	0	0	0	0	0	0	0	0
Midland		0	0	0	0	0	0	0	0	0	0
Milam		0	0	0	0	0	0	0	48	0	0
Mills		0	0	0	0	0	0	0	0	0	0
Mitchell		0	0	0	0	0	0	0	0	0	0
Montague		0	0	0	0	0	0	0	0	0	0
Montgomery		0	0	0	0	18	0	0	0	0	0
Moore		0	0	0	0	0	0	0	0	0	0
Morris		0	0	0	0	0	0	0	0	0	0
Motley		0	0	0	0	0	0	0	0	0	0
Nacogdoches		0	0	0	0	11	0	0	0	0	0
Navarro		0	0	0	0	0	0	0	0	0	0
Nolan		0	0	0	0	0	0	0	0	0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Take Likelihood Factor; rounded to the nearest whole acre

Plan Area County Name											
	Golden-cheeked Warbler	Whooping Crane	Piping Plover	Rufa Red Knot	Red-cockaded Woodpecker	Ocelot	Spot-tailed Earless Lizard	Houston Toad	Barton Springs Salamander	Georgetown Salamander	
	Take Exposure Take Likelihood	S/PUM 1	SS/PUM + SS/PM 0.1	SS/PUM + SS/PM 0.1	SS/PUM + SS/PM 0.1	S/PUM 0.5	S/PUM 1	SS/PUM + SS/PM 0.1	S/PUM 0.8	SS/PUM + SS/PM 1	SS/PUM + SS/PM 1
Nueces		0	0	0	0	0	0	12	0	0	0
Ochiltree		0	0	0	0	0	0	0	0	0	0
Oldham		0	0	0	0	0	0	0	0	0	0
Palo Pinto		27	0	0	0	0	0	0	0	0	0
Panola		0	0	0	0	0	0	0	0	0	0
Parker		0	0	0	0	0	0	0	0	0	0
Parmer		0	0	0	0	0	0	0	0	0	0
Pecos		0	0	0	0	0	0	0	0	0	0
Polk		0	0	0	0	2	0	0	0	0	0
Potter		0	0	0	0	0	0	0	0	0	0
Presidio		0	0	0	0	0	0	0	0	0	0
Rains		0	0	0	0	0	0	0	0	0	0
Randall		0	0	0	0	0	0	0	0	0	0
Reagan		0	0	0	0	0	0	12	0	0	0
Real		106	0	0	0	0	0	15	0	0	0
Red River		0	0	0	0	0	0	0	0	0	0
Reeves		0	0	0	0	0	0	0	0	0	0
Refugio		0	1	0	0	0	0	0	0	0	0
Roberts		0	0	0	0	0	0	0	0	0	0
Robertson		0	0	0	0	0	0	0	48	0	0
Rockwall		0	0	0	0	0	0	0	0	0	0
Runnels		0	0	0	0	0	0	11	0	0	0
Rusk		0	0	0	0	0	0	0	0	0	0
San Augustine		0	0	0	0	2	0	0	0	0	0
San Jacinto		0	0	0	0	1	0	0	0	0	0
San Patricio		0	0	0	0	0	0	0	0	0	0
San Saba		38	0	0	0	0	0	0	0	0	0
Schleicher		0	0	0	0	0	0	13	0	0	0
Scurry		0	0	0	0	0	0	0	0	0	0
Shackelford		0	0	0	0	0	0	0	0	0	0
Shelby		0	0	0	0	1	0	0	0	0	0
Smith		0	0	0	0	0	0	0	0	0	0
Somervell		30	0	0	0	0	0	0	0	0	0
Starr		0	0	0	0	0	0	0	0	0	0
Stephens		9	0	0	0	0	0	0	0	0	0
Sterling		0	0	0	0	0	0	8	0	0	0
Stonewall		0	0	0	0	0	0	0	0	0	0
Sutton		0	0	0	0	0	0	10	0	0	0
Swisher		0	0	0	0	0	0	0	0	0	0
Tarrant		0	0	0	0	0	0	0	0	0	0
Taylor		0	0	0	0	0	0	0	0	0	0
Terrell		0	0	0	0	0	0	0	0	0	0
Terry		0	0	0	0	0	0	0	0	0	0
Throckmorton		0	0	0	0	0	0	0	0	0	0
Titus		0	0	0	0	0	0	0	0	0	0
Tom Green		0	0	0	0	0	0	12	0	0	0
Travis		50	0	0	0	0	0	0	0	0	0
Trinity		0	0	0	0	2	0	0	0	0	0
Tyler		0	0	0	0	1	0	0	0	0	0
Upshur		0	0	0	0	0	0	0	0	0	0
Upton		0	0	0	0	0	0	0	0	0	0
Uvalde		34	0	0	0	0	0	0	0	0	0
Val Verde		0	0	0	0	0	0	10	0	0	0
Van Zandt		0	0	0	0	0	0	0	0	0	0
Victoria		0	0	0	0	0	0	0	0	0	0
Walker		0	0	0	0	16	0	0	0	0	0

Conceptual Calculation:
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Plan Area County Name										
	Golden-cheeked Warbler	Whooping Crane	Piping Plover	Rufa Red Knot	Red-cockaded Woodpecker	Ocelot	Spot-tailed Earless Lizard	Houston Toad	Barton Springs Salamander	Georgetown Salamander
	Take Exposure Take Likelihood	S/PUM SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PUM + SS/PM	S/PUM S/PUM	SS/PUM + SS/PM	S/PUM	SS/PUM + SS/PM	SS/PUM + SS/PM
	1	0.1	0.1	0.1	0.5	1	0.1	0.8	1	1
Waller		0	0	0	0	0	0	0	0	0
Ward		0	0	0	0	0	0	0	0	0
Washington		0	0	0	0	0	0	0	0	0
Webb		0	0	0	0	0	0	0	0	0
Wharton		0	0	0	0	0	0	0	0	0
Wheeler		0	0	0	0	0	0	0	0	0
Wichita		0	0	0	0	0	0	0	0	0
Wilbarger		0	0	0	0	0	0	0	0	0
Willacy		0	0	2	2	0	11	0	0	0
Williamson		25	0	0	0	0	0	0	0	0
Wilson		0	0	0	0	0	0	0	0	0
Winkler		0	0	0	0	0	0	0	0	0
Wise		0	0	0	0	0	0	0	0	0
Wood		0	0	0	0	0	0	0	0	0
Young		0	0	0	0	0	0	0	0	0
Zapata		0	0	0	0	0	0	0	0	0
Zavala		0	0	0	0	0	0	0	0	0
TOTAL Plan Area		1,399	23	7	7	88	25	253	362	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Take Likelihood Factor; rounded to the nearest whole acre

Plan Area County Name										
	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck's Cave Amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
	Take Exposure Take Likelihood	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PM + SS/PUM	SS/PM + SS/PUM	SS/PM + SS/PUM	SS/PM + SS/PUM	SS/PM + SS/PUM
	1	1	1	1	1	1	1	1	1	1
Anderson		0	0	0	0	0	0	0	0	0
Andrews		0	0	0	0	0	0	0	0	0
Angelina		0	0	0	0	0	0	0	0	0
Aransas		0	0	0	0	0	0	0	0	0
Archer		0	0	0	0	0	0	0	0	0
Armstrong		0	0	0	0	0	0	0	0	0
Atascosa		0	0	0	0	0	0	0	0	0
Austin		0	0	0	0	0	0	0	0	0
Bandera		0	0	0	0	0	0	0	0	0
Bastrop		0	0	0	0	0	0	0	0	0
Baylor		0	0	0	0	0	0	0	0	0
Bee		0	0	0	0	0	0	0	0	0
Bell		0	0	0	0	0	0	0	0	0
Bexar		0	0	0	0	0	0	0	0	0
Blanco		0	0	0	0	0	2	0	0	0
Borden		0	0	0	0	0	0	0	0	0
Bosque		0	0	0	0	0	0	0	0	0
Bowie		0	0	0	0	0	0	0	0	0
Brazoria		0	0	0	0	0	0	0	0	0
Brazos		0	0	0	0	0	0	0	0	0
Brewster		0	0	0	0	0	0	0	0	0
Briscoe		0	0	0	0	0	0	0	0	0
Brooks		0	0	0	0	0	0	0	0	0
Brown		0	0	0	0	0	0	0	0	0
Burleson		0	0	0	0	0	0	0	0	0
Burnet		0	0	0	0	0	14	0	0	0
Caldwell		0	0	0	0	0	0	0	0	0
Calhoun		0	0	0	0	0	0	0	0	0
Callahan		0	0	0	0	0	0	0	0	0
Cameron		0	0	0	0	0	0	0	0	0
Camp		0	0	0	0	0	0	0	0	0
Carson		0	0	0	0	0	0	0	0	0
Castro		0	0	0	0	0	0	0	0	0
Chambers		0	0	0	0	0	0	0	0	0
Cherokee		0	0	0	0	0	0	0	0	0
Childress		0	0	0	0	0	0	0	0	0
Clay		0	0	0	0	0	0	0	0	0
Coke		0	0	0	0	0	0	0	0	0
Coleman		0	0	0	0	0	0	0	0	0
Collin		0	0	0	0	0	0	0	0	0
Collingsworth		0	0	0	0	0	0	0	0	0
Colorado		0	0	0	0	0	0	0	0	0
Comal		0	0	0	0	0	0	0	0	0
Comanche		0	0	0	0	0	0	0	0	0
Concho		0	0	0	0	0	0	0	0	0
Cooke		0	0	0	0	0	0	0	0	0
Coryell		0	0	0	0	0	0	0	0	0
Cottle		0	0	0	0	0	0	0	0	0
Crane		0	0	0	0	0	0	0	0	0
Crockett		0	0	0	0	0	0	0	0	0
Crosby		0	0	0	0	0	0	0	0	0
Culberson		0	0	0	0	0	0	0	0	0
Dallas		0	0	0	0	0	0	0	0	0
Dawson		0	0	0	0	0	0	0	0	0
De Witt		0	0	0	0	0	0	0	0	0
Deaf Smith		0	0	0	0	0	0	0	0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Take Likelihood Factor; rounded to the nearest whole acre

Plan Area County Name										
	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck's Cave Amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
	Take Exposure Take Likelihood	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PM + SS/PUM	SS/PM + SS/PUM	SS/PM + SS/PUM	SS/PM + SS/PUM	SS/PM + SS/PUM
	1	1	1	1	1	1	1	1	1	1
Delta		0	0	0	0	0	0	0	0	0
Denton		0	0	0	0	0	0	0	0	0
Dickens		0	0	0	0	0	0	0	0	0
Dimmit		0	0	0	0	0	0	0	0	0
Donley		0	0	0	0	0	0	0	0	0
Duval		0	0	0	0	0	0	0	0	0
Eastland		0	0	0	0	0	0	0	0	0
Ector		0	0	0	0	0	0	0	0	0
Edwards		0	0	0	0	0	0	0	0	0
Ellis		0	0	0	0	0	0	0	0	0
Erath		0	0	0	0	0	0	0	0	0
Falls		0	0	0	0	0	0	0	0	0
Fannin		0	0	0	0	0	0	0	0	0
Fayette		0	0	0	0	0	0	0	0	0
Fisher		0	0	0	0	0	0	0	0	0
Floyd		0	0	0	0	0	0	0	0	0
Foard		0	0	0	0	0	0	0	0	0
Fort Bend		0	0	0	0	0	0	0	0	0
Franklin		0	0	0	0	0	0	0	0	0
Freestone		0	0	0	0	0	0	0	0	0
Frio		0	0	0	0	0	0	0	0	0
Gaines		0	0	0	0	0	0	0	0	0
Galveston		0	0	0	0	0	0	0	0	0
Garza		0	0	0	0	0	0	0	0	0
Gillespie		0	0	0	0	0	0	0	0	0
Glasscock		0	0	0	0	0	0	0	0	0
Goliad		0	0	0	0	0	0	0	0	0
Gonzales		0	0	0	0	0	0	0	0	0
Gray		0	0	0	0	0	0	0	0	0
Grayson		0	0	0	0	0	0	0	0	0
Gregg		0	0	0	0	0	0	0	0	0
Grimes		0	0	0	0	0	0	0	0	0
Guadalupe		0	0	0	0	0	0	0	0	0
Hale		0	0	0	0	0	0	0	0	0
Hall		0	0	0	0	0	0	0	0	0
Hamilton		0	0	0	0	0	0	0	0	0
Hansford		0	0	0	0	0	0	0	0	0
Hardeman		0	0	0	0	0	0	0	0	0
Harris		0	0	0	0	0	0	0	0	0
Harrison		0	0	0	0	0	0	0	0	0
Hartley		0	0	0	0	0	0	0	0	0
Haskell		0	0	0	0	0	0	0	0	0
Hays		0	0	0	0	0	0	0	0	0
Hemphill		0	0	0	0	0	0	0	0	0
Henderson		0	0	0	0	0	0	0	0	0
Hidalgo		0	0	0	0	0	0	0	0	0
Hill		0	0	0	0	0	0	0	0	0
Hood		0	0	0	0	0	0	0	0	0
Hopkins		0	0	0	0	0	0	0	0	0
Houston		0	0	0	0	0	0	0	0	0
Howard		0	0	0	0	0	0	0	0	0
Hudspeth		0	0	0	0	0	0	0	0	0
Hunt		0	0	0	0	0	0	0	0	0
Hutchinson		0	0	0	0	0	0	0	0	0
Irion		0	0	0	0	0	0	0	0	0
Jack		0	0	0	0	0	0	0	0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Take Likelihood Factor; rounded to the nearest whole acre

Plan Area County Name										
	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck's Cave Amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
	Take Exposure	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PM + SS/PUM	SS/PM + SS/PUM	SS/PM + SS/PUM	SS/PM + SS/PUM	SS/PM + SS/PUM
Take Likelihood	1	1	1	1	1	1	1	1	1	1
Jackson		0	0	0	0	0	0	0	0	0
Jasper		0	0	0	0	0	0	0	0	0
Jeff Davis		0	0	0	0	0	0	0	0	0
Jefferson		0	0	0	0	0	0	0	0	0
Jim Hogg		0	0	0	0	0	0	0	0	0
Jim Wells		0	0	0	0	0	0	0	0	0
Johnson		0	0	0	0	0	0	0	0	0
Jones		0	0	0	0	0	0	0	0	0
Karnes		0	0	0	0	0	0	0	0	0
Kaufman		0	0	0	0	0	0	0	0	0
Kendall		0	0	0	0	0	0	0	0	0
Kenedy		0	0	0	0	0	0	0	0	0
Kent		0	0	0	0	0	0	0	0	0
Kerr		0	0	0	0	0	0	0	0	0
Kimble		0	0	0	0	0	0	0	0	0
King		0	0	0	0	0	0	0	0	0
Kinney		0	0	0	0	0	0	0	0	0
Kleberg		0	0	0	0	0	0	0	0	0
Knox		0	0	0	0	0	0	0	0	0
La Salle		0	0	0	0	0	0	0	0	0
Lamar		0	0	0	0	0	0	0	0	0
Lamb		0	0	0	0	0	0	0	0	0
Lampasas		0	0	0	0	0	0	0	0	0
Lavaca		0	0	0	0	0	0	0	0	0
Lee		0	0	0	0	0	0	0	0	0
Leon		0	0	0	0	0	0	0	0	0
Liberty		0	0	0	0	0	0	0	0	0
Limestone		0	0	0	0	0	0	0	0	0
Lipscomb		0	0	0	0	0	0	0	0	0
Live Oak		0	0	0	0	0	0	0	0	0
Llano		0	0	0	0	0	0	0	0	0
Loving		0	0	0	0	0	0	0	0	0
Lubbock		0	0	0	0	0	0	0	0	0
Lynn		0	0	0	0	0	0	0	0	0
Madison		0	0	0	0	0	0	0	0	0
Martin		0	0	0	0	0	0	0	0	0
Mason		0	0	0	0	0	0	0	0	0
Matagorda		0	0	0	0	0	0	0	0	0
Maverick		0	0	0	0	0	0	0	0	0
Mcculloch		0	0	0	0	0	0	0	0	0
Mclennan		0	0	0	0	0	0	0	0	0
Mcmullen		0	0	0	0	0	0	0	0	0
Medina		0	0	0	0	0	0	0	0	5
Menard		0	0	0	0	0	0	0	0	0
Midland		0	0	0	0	0	0	0	0	0
Milam		0	0	0	0	0	0	0	0	0
Mills		0	0	0	0	0	0	0	0	0
Mitchell		0	0	0	0	0	0	0	0	0
Montague		0	0	0	0	0	0	0	0	0
Montgomery		0	0	0	0	0	0	0	0	0
Moore		0	0	0	0	0	0	0	0	0
Morris		0	0	0	0	0	0	0	0	0
Motley		0	0	0	0	0	0	0	0	0
Nacogdoches		0	0	0	0	0	0	0	0	0
Navarro		0	0	0	0	0	0	0	0	0
Nolan		0	0	0	0	0	0	0	0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Take Likelihood Factor; rounded to the nearest whole acre

Plan Area County Name										
	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck's Cave Amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
	Take Exposure Take Likelihood	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PM + SS/PUM	SS/PM + SS/PUM	SS/PM + SS/PUM	SS/PM + SS/PUM	SS/PM + SS/PUM
	1	1	1	1	1	1	1	1	1	1
Nueces		0	0	0	0	0	0	0	0	0
Ochiltree		0	0	0	0	0	0	0	0	0
Oldham		0	0	0	0	0	0	0	0	0
Palo Pinto		0	0	0	0	0	0	0	0	0
Panola		0	0	0	0	0	0	0	0	0
Parker		0	0	0	0	0	0	0	0	0
Parmer		0	0	0	0	0	0	0	0	0
Pecos		0	0	0	0	0	0	0	0	0
Polk		0	0	0	0	0	0	0	0	0
Potter		0	0	0	0	0	0	0	0	0
Presidio		0	0	0	0	0	0	0	0	0
Rains		0	0	0	0	0	0	0	0	0
Randall		0	0	0	0	0	0	0	0	0
Reagan		0	0	0	0	0	0	0	0	0
Real		0	0	0	0	0	0	0	0	0
Red River		0	0	0	0	0	0	0	0	0
Reeves		0	0	0	0	0	0	0	0	0
Refugio		0	0	0	0	0	0	0	0	0
Roberts		0	0	0	0	0	0	0	0	0
Robertson		0	0	0	0	0	0	0	0	0
Rockwall		0	0	0	0	0	0	0	0	0
Runnels		0	0	0	0	0	0	0	0	0
Rusk		0	0	0	0	0	0	0	0	0
San Augustine		0	0	0	0	0	0	0	0	0
San Jacinto		0	0	0	0	0	0	0	0	0
San Patricio		0	0	0	0	0	0	0	0	0
San Saba		0	0	0	0	0	0	0	0	0
Schleicher		0	0	0	0	0	0	0	0	0
Scurry		0	0	0	0	0	0	0	0	0
Shackelford		0	0	0	0	0	0	0	0	0
Shelby		0	0	0	0	0	0	0	0	0
Smith		0	0	0	0	0	0	0	0	0
Somervell		0	0	0	0	0	0	0	0	0
Starr		0	0	0	0	0	0	0	0	0
Stephens		0	0	0	0	0	0	0	0	0
Sterling		0	0	0	0	0	0	0	0	0
Stonewall		0	0	0	0	0	0	0	0	0
Sutton		0	0	0	0	0	0	0	0	0
Swisher		0	0	0	0	0	0	0	0	0
Tarrant		0	0	0	0	0	0	0	0	0
Taylor		0	0	0	0	0	0	0	0	0
Terrell		0	0	0	0	0	0	0	0	0
Terry		0	0	0	0	0	0	0	0	0
Throckmorton		0	0	0	0	0	0	0	0	0
Titus		0	0	0	0	0	0	0	0	0
Tom Green		0	0	0	0	0	0	0	0	0
Travis		1	0	0	0	0	52	3	4	0
Trinity		0	0	0	0	0	0	0	0	0
Tyler		0	0	0	0	0	0	0	0	0
Upshur		0	0	0	0	0	0	0	0	0
Upton		0	0	0	0	0	0	0	0	0
Uvalde		0	0	0	0	0	0	0	0	0
Val Verde		0	0	0	0	0	0	0	0	0
Van Zandt		0	0	0	0	0	0	0	0	0
Victoria		0	0	0	0	0	0	0	0	0
Walker		0	0	0	0	0	0	0	0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Take Likelihood Factor; rounded to the nearest whole acre

Plan Area										
County Name	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck's Cave Amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
Take Exposure	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PUM + SS/PM	SS/PM + SS/PUM	SS/PM + SS/PUM	SS/PM + SS/PUM	SS/PM + SS/PUM	SS/PM + SS/PUM
Take Likelihood	1	1	1	1	1	1	1	1	1	1
Waller	0	0	0	0	0	0	0	0	0	0
Ward	0	0	0	0	0	0	0	0	0	0
Washington	0	0	0	0	0	0	0	0	0	0
Webb	0	0	0	0	0	0	0	0	0	0
Wharton	0	0	0	0	0	0	0	0	0	0
Wheeler	0	0	0	0	0	0	0	0	0	0
Wichita	0	0	0	0	0	0	0	0	0	0
Wilbarger	0	0	0	0	0	0	0	0	0	0
Willacy	0	0	0	0	0	0	0	0	0	0
Williamson	0	0	0	0	0	0	0	2	3	0
Wilson	0	0	0	0	0	0	0	0	0	0
Winkler	0	0	0	0	0	0	0	0	0	0
Wise	0	0	0	0	0	0	0	0	0	0
Wood	0	0	0	0	0	0	0	0	0	0
Young	0	0	0	0	0	0	0	0	0	0
Zapata	0	0	0	0	0	0	0	0	0	0
Zavala	0	0	0	0	0	0	0	0	0	0
TOTAL Plan Area	1	0	0	0	0	0	68	5	7	5

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Take Likelihood Factor; rounded to the nearest whole acre

Plan Area County Name			
	Helotes Mold Beetle	Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
Take Exposure	SS/PM + SS/PUM	SS/PM + SS/PUM	SS/PM + SS/PUM
Take Likelihood	1	1	1
Anderson	0	0	0
Andrews	0	0	0
Angelina	0	0	0
Aransas	0	0	0
Archer	0	0	0
Armstrong	0	0	0
Atascosa	0	0	0
Austin	0	0	0
Bandera	0	0	0
Bastrop	0	0	0
Baylor	0	0	0
Bee	0	0	0
Bell	0	0	0
Bexar	0	0	0
Blanco	0	0	0
Borden	0	0	0
Bosque	0	0	0
Bowie	0	0	0
Brazoria	0	0	0
Brazos	0	0	0
Brewster	0	0	0
Briscoe	0	0	0
Brooks	0	0	0
Brown	0	0	0
Burleson	0	0	0
Burnet	0	0	0
Caldwell	0	0	0
Calhoun	0	0	0
Callahan	0	0	0
Cameron	0	0	0
Camp	0	0	0
Carson	0	0	0
Castro	0	0	0
Chambers	0	0	0
Cherokee	0	0	0
Childress	0	0	0
Clay	0	0	0
Coke	0	0	0
Coleman	0	0	0
Collin	0	0	0
Collingsworth	0	0	0
Colorado	0	0	0
Comal	0	0	0
Comanche	0	0	0
Concho	0	0	0
Cooke	0	0	0
Coryell	0	0	0
Cottle	0	0	0
Crane	0	0	0
Crockett	0	0	0
Crosby	0	0	0
Culberson	0	0	0
Dallas	0	0	0
Dawson	0	0	0
De Witt	0	0	0
Deaf Smith	0	0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Take Likelihood Factor; rounded to the nearest whole acre

Plan Area County Name			
	Helotes Mold Beetle	Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
Take Exposure	SS/PM + SS/PUM	SS/PM + SS/PUM	SS/PM + SS/PUM
Take Likelihood	1	1	1
Delta	0	0	0
Denton	0	0	0
Dickens	0	0	0
Dimmit	0	0	0
Donley	0	0	0
Duval	0	0	0
Eastland	0	0	0
Ector	0	0	0
Edwards	0	0	0
Ellis	0	0	0
Erath	0	0	0
Falls	0	0	0
Fannin	0	0	0
Fayette	0	0	0
Fisher	0	0	0
Floyd	0	0	0
Foard	0	0	0
Fort Bend	0	0	0
Franklin	0	0	0
Freestone	0	0	0
Frio	0	0	0
Gaines	0	0	0
Galveston	0	0	0
Garza	0	0	0
Gillespie	0	0	0
Glasscock	0	0	0
Goliad	0	0	0
Gonzales	0	0	0
Gray	0	0	0
Grayson	0	0	0
Gregg	0	0	0
Grimes	0	0	0
Guadalupe	0	0	0
Hale	0	0	0
Hall	0	0	0
Hamilton	0	0	0
Hansford	0	0	0
Hardeman	0	0	0
Harris	0	0	0
Harrison	0	0	0
Hartley	0	0	0
Haskell	0	0	0
Hays	0	0	0
Hemphill	0	0	0
Henderson	0	0	0
Hidalgo	0	0	0
Hill	0	0	0
Hood	0	0	0
Hopkins	0	0	0
Houston	0	0	0
Howard	0	0	0
Hudspeth	0	0	0
Hunt	0	0	0
Hutchinson	0	0	0
Irion	0	0	0
Jack	0	0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Take Likelihood Factor; rounded to the nearest whole acre

Plan Area County Name			
	Helotes Mold Beetle	Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
	Take Exposure Take Likelihood	SS/PM + SS/PUM 1	SS/PM + SS/PUM 1
Jackson		0	0
Jasper		0	0
Jeff Davis		0	0
Jefferson		0	0
Jim Hogg		0	0
Jim Wells		0	0
Johnson		0	0
Jones		0	0
Karnes		0	0
Kaufman		0	0
Kendall		0	0
Kenedy		0	0
Kent		0	0
Kerr		0	0
Kimble		0	0
King		0	0
Kinney		0	0
Kleberg		0	0
Knox		0	0
La Salle		0	0
Lamar		0	0
Lamb		0	0
Lampasas		0	0
Lavaca		0	0
Lee		0	0
Leon		0	0
Liberty		0	0
Limestone		0	0
Lipscomb		0	0
Live Oak		0	0
Llano		0	0
Loving		0	0
Lubbock		0	0
Lynn		0	0
Madison		0	0
Martin		0	0
Mason		0	0
Matagorda		0	0
Maverick		0	0
Mcculloch		0	0
Mclennan		0	0
Mcmullen		0	0
Medina		5	5
Menard		0	0
Midland		0	0
Milam		0	0
Mills		0	0
Mitchell		0	0
Montague		0	0
Montgomery		0	0
Moore		0	0
Morris		0	0
Motley		0	0
Nacogdoches		0	0
Navarro		0	0
Nolan		0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Take Likelihood Factor; rounded to the nearest whole acre

Plan Area County Name	Helotes Mold Beetle	Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
	Take Exposure Take Likelihood	SS/PM + SS/PUM 1	SS/PM + SS/PUM 1
Nueces		0	0
Ochiltree		0	0
Oldham		0	0
Palo Pinto		0	0
Panola		0	0
Parker		0	0
Parmer		0	0
Pecos		0	0
Polk		0	0
Potter		0	0
Presidio		0	0
Rains		0	0
Randall		0	0
Reagan		0	0
Real		0	0
Red River		0	0
Reeves		0	0
Refugio		0	0
Roberts		0	0
Robertson		0	0
Rockwall		0	0
Runnels		0	0
Rusk		0	0
San Augustine		0	0
San Jacinto		0	0
San Patricio		0	0
San Saba		0	0
Schleicher		0	0
Scurry		0	0
Shackelford		0	0
Shelby		0	0
Smith		0	0
Somervell		0	0
Starr		0	0
Stephens		0	0
Sterling		0	0
Stonewall		0	0
Sutton		0	0
Swisher		0	0
Tarrant		0	0
Taylor		0	0
Terrell		0	0
Terry		0	0
Throckmorton		0	0
Titus		0	0
Tom Green		0	0
Travis		0	0
Trinity		0	0
Tyler		0	0
Upshur		0	0
Upton		0	0
Uvalde		0	0
Val Verde		0	0
Van Zandt		0	0
Victoria		0	0
Walker		0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Take Likelihood Factor; rounded to the nearest whole acre

Plan Area County Name	Helotes Mold Beetle	Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
Take Exposure	SS/PM + SS/PUM	SS/PM + SS/PUM	SS/PM + SS/PUM
Take Likelihood	1	1	1
Waller	0	0	0
Ward	0	0	0
Washington	0	0	0
Webb	0	0	0
Wharton	0	0	0
Wheeler	0	0	0
Wichita	0	0	0
Wilbarger	0	0	0
Willacy	0	0	0
Williamson	0	0	0
Wilson	0	0	0
Winkler	0	0	0
Wise	0	0	0
Wood	0	0	0
Young	0	0	0
Zapata	0	0	0
Zavala	0	0	0
TOTAL Plan Area	5	5	5

Plan Area County Name											
	Golden-cheeked Warbler	Whooping Crane	Piping Plover	Rufa Red Knot	Red-cockaded Woodpecker	Ocelot	Spot-tailed Earless Lizard	Houston Toad	Barton Springs Salamander	Georgetown Salamander	
Take Exposure	S/PUM-Adj 300 ft	S/PUM-Adj 1,000 ft	S/PUM-Adj 1,000 ft	S/PUM-Adj 1,000 ft	S/PUM-Adj 300 ft	S/PUM-Adj 500 ft	S/PUM + S/PM	S/PUM-Adj 50 ft	S/PUM + S/PM + S/PUM- Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM- Adj 50 ft + S/PM-Adj 50 ft	
Take Likelihood	1	0.5	0.1	0.1	0.5	1	0.1	0.8	1	1	
Adjacent Factor	5	16.67	16.67	16.67	5	8.33	1	1.83	1.83	1.83	
Anderson	0	0	0	0	0	0	0	0	0	0	
Andrews	0	0	0	0	0	0	0	0	0	0	
Angelina	0	0	0	0	0	60	0	0	0	0	
Aransas	0	940	16	16	16	0	0	0	0	0	
Archer	0	0	0	0	0	0	0	0	0	0	
Armstrong	0	0	0	0	0	0	0	0	0	0	
Atascosa	0	0	0	0	0	0	0	0	0	0	
Austin	0	0	0	0	0	0	0	0	38	0	
Bandera	488	0	0	0	0	0	0	0	0	0	
Bastrop	0	0	0	0	0	0	0	0	117	0	
Baylor	0	0	0	0	0	0	0	0	0	0	
Bee	0	0	0	0	0	0	0	0	0	0	
Bell	128	0	0	0	0	0	0	0	0	0	
Bexar	131	0	0	0	0	0	0	0	0	0	
Blanco	291	0	0	0	0	0	0	0	0	0	
Borden	0	0	0	0	0	0	0	0	0	0	
Bosque	194	0	0	0	0	0	0	0	0	0	
Bowie	0	0	0	0	0	0	0	0	0	0	
Brazoria	0	0	0	0	0	0	0	0	0	0	
Brazos	0	0	0	0	0	0	0	0	0	0	
Brewster	0	0	0	0	0	0	0	0	0	0	
Briscoe	0	0	0	0	0	0	0	0	0	0	
Brooks	0	0	0	0	0	0	0	0	0	0	
Brown	0	0	0	0	0	0	0	0	0	0	
Burleson	0	0	0	0	0	0	0	0	54	0	
Burnet	379	0	0	0	0	0	0	0	0	0	
Caldwell	0	0	0	0	0	0	0	0	0	0	
Calhoun	0	651	2	2	2	0	0	0	0	0	
Callahan	0	0	0	0	0	0	0	0	0	0	
Cameron	0	0	27	27	27	0	72	0	0	0	
Camp	0	0	0	0	0	0	0	0	0	0	
Carson	0	0	0	0	0	0	0	0	0	0	
Castro	0	0	0	0	0	0	0	0	0	0	
Chambers	0	0	0	0	0	0	0	0	0	0	
Cherokee	0	0	0	0	0	49	0	0	0	0	
Childress	0	0	0	0	0	0	0	0	0	0	
Clay	0	0	0	0	0	0	0	0	0	0	
Coke	0	0	0	0	0	0	0	88	0	0	
Coleman	0	0	0	0	0	0	0	0	0	0	
Collin	0	0	0	0	0	0	0	0	0	0	
Collingsworth	0	0	0	0	0	0	0	0	0	0	
Colorado	0	0	0	0	0	0	0	0	57	0	
Comal	452	0	0	0	0	0	0	0	0	0	
Comanche	0	0	0	0	0	0	0	0	0	0	
Concho	0	0	0	0	0	0	0	73	0	0	
Cooke	0	0	0	0	0	0	0	0	0	0	
Coryell	225	0	0	0	0	0	0	0	0	0	
Cottle	0	0	0	0	0	0	0	0	0	0	
Crane	0	0	0	0	0	0	0	0	0	0	
Crockett	0	0	0	0	0	0	0	59	0	0	
Crosby	0	0	0	0	0	0	0	0	0	0	
Culberson	0	0	0	0	0	0	0	0	0	0	

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Adjacent Factor (if applicable) * Take Likelihood Factor;
rounded to the nearest whole acre

Plan Area County Name										
	Golden-cheeked Warbler	Whooping Crane	Piping Plover	Rufa Red Knot	Red-cockaded Woodpecker	Ocelot	Spot-tailed Earless Lizard	Houston Toad	Barton Springs Salamander	Georgetown Salamander
Take Exposure	S/PUM-Adj 300 ft	S/PUM-Adj 1,000 ft	S/PUM-Adj 1,000 ft	S/PUM-Adj 1,000 ft	S/PUM-Adj 300 ft	S/PUM-Adj 500 ft	S/PUM + S/PM	S/PUM-Adj 50 ft	S/PUM + S/PM + S/PUM- Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM- Adj 50 ft + S/PM-Adj 50 ft
Take Likelihood	1	0.5	0.1	0.1	0.5	1	0.1	0.8	1	1
Adjacent Factor	5	16.67	16.67	16.67	5	8.33	1	1.83	1.83	1.83
Dallas	0	0	0	0	0	0	0	0	0	0
Dawson	0	0	0	0	0	0	0	0	0	0
De Witt	0	0	0	0	0	0	0	0	0	0
Deaf Smith	0	0	0	0	0	0	0	0	0	0
Delta	0	0	0	0	0	0	0	0	0	0
Denton	0	0	0	0	0	0	0	0	0	0
Dickens	0	0	0	0	0	0	0	0	0	0
Dimmit	0	0	0	0	0	0	0	0	0	0
Donley	0	0	0	0	0	0	0	0	0	0
Duval	0	0	0	0	0	0	0	0	0	0
Eastland	71	0	0	0	0	0	0	0	0	0
Ector	0	0	0	0	0	0	0	0	0	0
Edwards	198	0	0	0	0	0	57	0	0	0
Ellis	0	0	0	0	0	0	0	0	0	0
Erath	158	0	0	0	0	0	0	0	0	0
Falls	0	0	0	0	0	0	0	0	0	0
Fannin	0	0	0	0	0	0	0	0	0	0
Fayette	0	0	0	0	0	0	0	0	0	0
Fisher	0	0	0	0	0	0	0	0	0	0
Floyd	0	0	0	0	0	0	0	0	0	0
Foard	0	0	0	0	0	0	0	0	0	0
Fort Bend	0	0	0	0	0	0	0	0	0	0
Franklin	0	0	0	0	0	0	0	0	0	0
Freestone	0	0	0	0	0	0	0	0	0	0
Frio	0	0	0	0	0	0	0	0	0	0
Gaines	0	0	0	0	0	0	0	0	0	0
Galveston	0	0	2	2	0	0	0	0	0	0
Garza	0	0	0	0	0	0	0	0	0	0
Gillespie	248	0	0	0	0	0	0	0	0	0
Glasscock	0	0	0	0	0	0	70	0	0	0
Goliad	0	0	0	0	0	0	0	0	0	0
Gonzales	0	0	0	0	0	0	0	0	0	0
Gray	0	0	0	0	0	0	0	0	0	0
Grayson	0	0	0	0	0	0	0	0	0	0
Gregg	0	0	0	0	0	0	0	0	0	0
Grimes	0	0	0	0	0	0	0	0	0	0
Guadalupe	0	0	0	0	0	0	0	0	0	0
Hale	0	0	0	0	0	0	0	0	0	0
Hall	0	0	0	0	0	0	0	0	0	0
Hamilton	137	0	0	0	0	0	0	0	0	0
Hansford	0	0	0	0	0	0	0	0	0	0
Hardeman	0	0	0	0	0	0	0	0	0	0
Harris	0	0	0	0	0	0	0	0	0	0
Harrison	0	0	0	0	0	0	0	0	0	0
Hartley	0	0	0	0	0	0	0	0	0	0
Haskell	0	0	0	0	0	0	0	0	0	0
Hays	402	0	0	0	0	0	0	0	3	0
Hemphill	0	0	0	0	0	0	0	0	0	0
Henderson	0	0	0	0	0	0	0	0	0	0
Hidalgo	0	0	0	0	0	0	0	0	0	0
Hill	12	0	0	0	0	0	0	0	0	0
Hood	72	0	0	0	0	0	0	0	0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Adjacent Factor (if applicable) * Take Likelihood Factor;
rounded to the nearest whole acre

Plan Area County Name										
	Golden-cheeked Warbler	Whooping Crane	Piping Plover	Rufa Red Knot	Red-cockaded Woodpecker	Ocelot	Spot-tailed Earless Lizard	Houston Toad	Barton Springs Salamander	Georgetown Salamander
Take Exposure	S/PUM-Adj 300 ft	S/PUM-Adj 1,000 ft	S/PUM-Adj 1,000 ft	S/PUM-Adj 1,000 ft	S/PUM-Adj 300 ft	S/PUM-Adj 500 ft	S/PUM + S/PM	S/PUM-Adj 50 ft	S/PUM + S/PM + S/PUM- Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM- Adj 50 ft + S/PM-Adj 50 ft
Take Likelihood	1	0.5	0.1	0.1	0.5	1	0.1	0.8	1	1
Adjacent Factor	5	16.67	16.67	16.67	5	8.33	1	1.83	1.83	1.83
Hopkins	0	0	0	0	0	0	0	0	0	0
Houston	0	0	0	0	0	57	0	0	0	0
Howard	0	0	0	0	0	0	0	0	0	0
Hudspeth	0	0	0	0	0	0	0	0	0	0
Hunt	0	0	0	0	0	0	0	0	0	0
Hutchinson	0	0	0	0	0	0	0	0	0	0
Irion	0	0	0	0	0	0	0	51	0	0
Jack	0	0	0	0	0	0	0	0	0	0
Jackson	0	69	0	0	0	0	0	0	0	0
Jasper	0	0	0	0	0	7	0	0	0	0
Jeff Davis	0	0	0	0	0	0	0	0	0	0
Jefferson	0	0	0	0	0	0	0	0	0	0
Jim Hogg	0	0	0	0	0	0	0	0	0	0
Jim Wells	0	0	0	0	0	0	0	26	0	0
Johnson	19	0	0	0	0	0	0	0	0	0
Jones	0	0	0	0	0	0	0	0	0	0
Karnes	0	0	0	0	0	0	0	0	0	0
Kaufman	0	0	0	0	0	0	0	0	0	0
Kendall	342	0	0	0	0	0	0	0	0	0
Kenedy	0	0	38	38	0	38	0	0	0	0
Kent	0	0	0	0	0	0	0	0	0	0
Kerr	378	0	0	0	0	0	0	65	0	0
Kimble	247	0	0	0	0	0	0	0	0	0
King	0	0	0	0	0	0	0	0	0	0
Kinney	51	0	0	0	0	0	0	79	0	0
Kleberg	0	0	4	4	0	0	0	0	0	0
Knox	0	0	0	0	0	0	0	0	0	0
La Salle	0	0	0	0	0	0	0	0	0	0
Lamar	0	0	0	0	0	0	0	0	0	0
Lamb	0	0	0	0	0	0	0	0	0	0
Lampasas	220	0	0	0	0	0	0	0	0	0
Lavaca	0	0	0	0	0	0	0	0	95	0
Lee	0	0	0	0	0	0	0	0	104	0
Leon	0	0	0	0	0	0	0	0	22	0
Liberty	0	0	0	0	0	2	0	0	0	0
Limestone	0	0	0	0	0	0	0	0	0	0
Lipscomb	0	0	0	0	0	0	0	0	0	0
Live Oak	0	0	0	0	0	0	0	0	0	0
Llano	181	0	0	0	0	0	0	0	0	0
Loving	0	0	0	0	0	0	0	0	0	0
Lubbock	0	0	0	0	0	0	0	0	0	0
Lynn	0	0	0	0	0	0	0	0	0	0
Madison	0	0	0	0	0	0	0	0	0	0
Martin	0	0	0	0	0	0	0	0	0	0
Mason	166	0	0	0	0	0	0	118	0	0
Matagorda	0	125	1	1	1	0	0	0	0	0
Maverick	0	0	0	0	0	0	0	107	0	0
Mcculloch	0	0	0	0	0	0	0	93	0	0
Mclennan	27	0	0	0	0	0	0	0	0	0
Mcmullen	0	0	0	0	0	0	0	0	0	0
Medina	155	0	0	0	0	0	0	0	0	0
Menard	35	0	0	0	0	0	0	0	0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Adjacent Factor (if applicable) * Take Likelihood Factor;
rounded to the nearest whole acre

Plan Area County Name										
	Golden-cheeked Warbler	Whooping Crane	Piping Plover	Rufa Red Knot	Red-cockaded Woodpecker	Ocelot	Spot-tailed Earless Lizard	Houston Toad	Barton Springs Salamander	Georgetown Salamander
Take Exposure	S/PUM-Adj 300 ft	S/PUM-Adj 1,000 ft	S/PUM-Adj 1,000 ft	S/PUM-Adj 1,000 ft	S/PUM-Adj 300 ft	S/PUM-Adj 500 ft	S/PUM + S/PM	S/PUM-Adj 50 ft	S/PUM + S/PM + S/PUM- Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM- Adj 50 ft + S/PM-Adj 50 ft
Take Likelihood	1	0.5	0.1	0.1	0.5	1	0.1	0.8	1	1
Adjacent Factor	5	16.67	16.67	16.67	5	8.33	1	1.83	1.83	1.83
Midland	0	0	0	0	0	0	0	0	0	0
Milam	0	0	0	0	0	0	0	88	0	0
Mills	0	0	0	0	0	0	0	0	0	0
Mitchell	0	0	0	0	0	0	0	0	0	0
Montague	0	0	0	0	0	0	0	0	0	0
Montgomery	0	0	0	0	88	0	0	0	0	0
Moore	0	0	0	0	0	0	0	0	0	0
Morris	0	0	0	0	0	0	0	0	0	0
Motley	0	0	0	0	0	0	0	0	0	0
Nacogdoches	0	0	0	0	53	0	0	0	0	0
Navarro	0	0	0	0	0	0	0	0	0	0
Nolan	0	0	0	0	0	0	0	0	0	0
Nueces	0	10	3	3	0	0	73	0	0	0
Ochiltree	0	0	0	0	0	0	0	0	0	0
Oldham	0	0	0	0	0	0	0	0	0	0
Palo Pinto	133	0	0	0	0	0	0	0	0	0
Panola	0	0	0	0	0	0	0	0	0	0
Parker	0	0	0	0	0	0	0	0	0	0
Parmer	0	0	0	0	0	0	0	0	0	0
Pecos	0	0	0	0	0	0	0	0	0	0
Polk	0	0	0	0	8	0	0	0	0	0
Potter	0	0	0	0	0	0	0	0	0	0
Presidio	0	0	0	0	0	0	0	0	0	0
Rains	0	0	0	0	0	0	0	0	0	0
Randall	0	0	0	0	0	0	0	0	0	0
Reagan	0	0	0	0	0	0	72	0	0	0
Real	531	0	0	0	0	0	90	0	0	0
Red River	0	0	0	0	0	0	0	0	0	0
Reeves	0	0	0	0	0	0	0	0	0	0
Refugio	0	86	0	0	0	0	0	0	0	0
Roberts	0	0	0	0	0	0	0	0	0	0
Robertson	0	0	0	0	0	0	0	87	0	0
Rockwall	0	0	0	0	0	0	0	0	0	0
Runnels	0	0	0	0	0	0	66	0	0	0
Rusk	0	0	0	0	0	0	0	0	0	0
San Augustine	0	0	0	0	0	8	0	0	0	0
San Jacinto	0	0	0	0	0	7	0	0	0	0
San Patricio	0	39	0	0	0	0	0	0	0	0
San Saba	189	0	0	0	0	0	0	0	0	0
Schleicher	0	0	0	0	0	0	75	0	0	0
Scurry	0	0	0	0	0	0	0	0	0	0
Shackelford	0	0	0	0	0	0	0	0	0	0
Shelby	0	0	0	0	0	6	0	0	0	0
Smith	0	0	0	0	0	0	0	0	0	0
Somervell	151	0	0	0	0	0	0	0	0	0
Starr	0	0	0	0	0	0	0	0	0	0
Stephens	46	0	0	0	0	0	0	0	0	0
Sterling	0	0	0	0	0	0	50	0	0	0
Stonewall	0	0	0	0	0	0	0	0	0	0
Sutton	0	0	0	0	0	0	57	0	0	0
Swisher	0	0	0	0	0	0	0	0	0	0
Tarrant	0	0	0	0	0	0	0	0	0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Adjacent Factor (if applicable) * Take Likelihood Factor;
rounded to the nearest whole acre

Plan Area County Name	Golden-cheeked Warbler	Whooping Crane	Piping Plover	Rufa Red Knot	Red-cockaded Woodpecker	Ocelot	Spot-tailed Earless Lizard	Houston Toad	Barton Springs Salamander	Georgetown Salamander
Take Exposure	S/PUM-Adj 300 ft	S/PUM-Adj 1,000 ft	S/PUM-Adj 1,000 ft	S/PUM-Adj 1,000 ft	S/PUM-Adj 300 ft	S/PUM-Adj 500 ft	S/PUM + S/PM	S/PUM-Adj 50 ft	S/PUM + S/PM + S/PUM- Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM- Adj 50 ft + S/PM-Adj 50 ft
Take Likelihood	1	0.5	0.1	0.1	0.5	1	0.1	0.8	1	1
Adjacent Factor	5	16.67	16.67	16.67	5	8.33	1	1.83	1.83	1.83
Taylor	0	0	0	0	0	0	0	0	0	0
Terrell	0	0	0	0	0	0	0	0	0	0
Terry	0	0	0	0	0	0	0	0	0	0
Throckmorton	0	0	0	0	0	0	0	0	0	0
Titus	0	0	0	0	0	0	0	0	0	0
Tom Green	0	0	0	0	0	0	69	0	0	0
Travis	248	0	0	0	0	0	0	0	0	2
Trinity	0	0	0	0	0	10	0	0	0	0
Tyler	0	0	0	0	0	7	0	0	0	0
Upshur	0	0	0	0	0	0	0	0	0	0
Upton	0	0	0	0	0	0	0	0	0	0
Uvalde	169	0	0	0	0	0	0	0	0	0
Val Verde	0	0	0	0	0	0	0	59	0	0
Van Zandt	0	0	0	0	0	0	0	0	0	0
Victoria	0	30	0	0	0	0	0	0	0	0
Walker	0	0	0	0	0	78	0	0	0	0
Waller	0	0	0	0	0	0	0	0	0	0
Ward	0	0	0	0	0	0	0	0	0	0
Washington	0	0	0	0	0	0	0	0	0	0
Webb	0	0	0	0	0	0	0	0	0	0
Wharton	0	0	0	0	0	0	0	0	0	0
Wheeler	0	0	0	0	0	0	0	0	0	0
Wichita	0	0	0	0	0	0	0	0	0	0
Wilbarger	0	0	0	0	0	0	0	0	0	0
Willacy	0	0	29	29	0	95	0	0	0	0
Williamson	123	0	0	0	0	0	0	0	0	3
Wilson	0	0	0	0	0	0	0	0	0	0
Winkler	0	0	0	0	0	0	0	0	0	0
Wise	0	0	0	0	0	0	0	0	0	0
Wood	0	0	0	0	0	0	0	0	0	0
Young	0	0	0	0	0	0	0	0	0	0
Zapata	0	0	0	0	0	0	0	0	0	0
Zavala	0	0	0	0	0	0	0	0	0	0
TOTAL Plan Area	6,997	1,950	122	122	440	205	1,497	662	5	3
Direct + Indirect Take	8,396	1,973	129	129	528	230	1,750	1,024	5	3

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Adjacent Factor (if applicable) * Take Likelihood Factor;
rounded to the nearest whole acre

Plan Area	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck's Cave Amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
County Name										
Take Exposure	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM	S/PUM	S/PUM	S/PUM	S/PUM
Take Likelihood	1	1	1	1	1	0.3	1	1	1	1
Adjacent Factor	1.83	1.83	1.83	1.83	1.83	1	1	1	1	1
Anderson	0	0	0	0	0	0	0	0	0	0
Andrews	0	0	0	0	0	0	0	0	0	0
Angelina	0	0	0	0	0	0	0	0	0	0
Aransas	0	0	0	0	0	0	0	0	0	0
Archer	0	0	0	0	0	0	0	0	0	0
Armstrong	0	0	0	0	0	0	0	0	0	0
Atascosa	0	0	0	0	0	0	0	0	0	0
Austin	0	0	0	0	0	0	0	0	0	0
Bandera	0	0	0	0	0	0	0	0	0	0
Bastrop	0	0	0	0	0	0	0	0	0	0
Baylor	0	0	0	0	0	0	0	0	0	0
Bee	0	0	0	0	0	0	0	0	0	0
Bell	0	1	0	0	0	0	0	0	0	0
Bexar	0	0	0	0	0	0	0	0	0	0
Blanco	0	0	0	0	0	0	0	0	0	0
Borden	0	0	0	0	0	0	0	0	0	0
Bosque	0	0	0	0	0	0	0	0	0	0
Bowie	0	0	0	0	0	0	0	0	0	0
Brazoria	0	0	0	0	0	0	0	0	0	0
Brazos	0	0	0	0	0	0	0	0	0	0
Brewster	0	0	0	0	0	0	0	0	0	0
Briscoe	0	0	0	0	0	0	0	0	0	0
Brooks	0	0	0	0	0	0	0	0	0	0
Brown	0	0	0	0	0	0	0	0	0	0
Burleson	0	0	0	0	0	0	0	0	0	0
Burnet	0	0	0	0	0	4	0	0	0	0
Caldwell	0	0	0	0	0	0	0	0	0	0
Calhoun	0	0	0	0	0	0	0	0	0	0
Callahan	0	0	0	0	0	0	0	0	0	0
Cameron	0	0	0	0	0	0	0	0	0	0
Camp	0	0	0	0	0	0	0	0	0	0
Carson	0	0	0	0	0	0	0	0	0	0
Castro	0	0	0	0	0	0	0	0	0	0
Chambers	0	0	0	0	0	0	0	0	0	0
Cherokee	0	0	0	0	0	0	0	0	0	0
Childress	0	0	0	0	0	0	0	0	0	0
Clay	0	0	0	0	0	0	0	0	0	0
Coke	0	0	0	0	0	0	0	0	0	0
Coleman	0	0	0	0	0	0	0	0	0	0
Collin	0	0	0	0	0	0	0	0	0	0
Collingsworth	0	0	0	0	0	0	0	0	0	0
Colorado	0	0	0	0	0	0	0	0	0	0
Comal	0	0	0	0	1	0	0	0	0	0
Comanche	0	0	0	0	0	0	0	0	0	0
Concho	0	0	0	0	0	0	0	0	0	0
Cooke	0	0	0	0	0	0	0	0	0	0
Coryell	0	0	0	0	0	0	0	0	0	0
Cottle	0	0	0	0	0	0	0	0	0	0
Crane	0	0	0	0	0	0	0	0	0	0
Crockett	0	0	0	0	0	0	0	0	0	0
Crosby	0	0	0	0	0	0	0	0	0	0
Culberson	0	0	0	0	0	0	0	0	0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Adjacent Factor (if applicable) * Take Likelihood Factor;
rounded to the nearest whole acre

Plan Area	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck's Cave Amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
County Name										
Take Exposure	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM	S/PUM	S/PUM	S/PUM	S/PUM
Take Likelihood	1	1	1	1	1	0.3	1	1	1	1
Adjacent Factor	1.83	1.83	1.83	1.83	1.83	1	1	1	1	1
Dallas	0	0	0	0	0	0	0	0	0	0
Dawson	0	0	0	0	0	0	0	0	0	0
De Witt	0	0	0	0	0	0	0	0	0	0
Deaf Smith	0	0	0	0	0	0	0	0	0	0
Delta	0	0	0	0	0	0	0	0	0	0
Denton	0	0	0	0	0	0	0	0	0	0
Dickens	0	0	0	0	0	0	0	0	0	0
Dimmit	0	0	0	0	0	0	0	0	0	0
Donley	0	0	0	0	0	0	0	0	0	0
Duval	0	0	0	0	0	0	0	0	0	0
Eastland	0	0	0	0	0	0	0	0	0	0
Ector	0	0	0	0	0	0	0	0	0	0
Edwards	0	0	0	0	0	0	0	0	0	0
Ellis	0	0	0	0	0	0	0	0	0	0
Erath	0	0	0	0	0	0	0	0	0	0
Falls	0	0	0	0	0	0	0	0	0	0
Fannin	0	0	0	0	0	0	0	0	0	0
Fayette	0	0	0	0	0	0	0	0	0	0
Fisher	0	0	0	0	0	0	0	0	0	0
Floyd	0	0	0	0	0	0	0	0	0	0
Foard	0	0	0	0	0	0	0	0	0	0
Fort Bend	0	0	0	0	0	0	0	0	0	0
Franklin	0	0	0	0	0	0	0	0	0	0
Freestone	0	0	0	0	0	0	0	0	0	0
Frio	0	0	0	0	0	0	0	0	0	0
Gaines	0	0	0	0	0	0	0	0	0	0
Galveston	0	0	0	0	0	0	0	0	0	0
Garza	0	0	0	0	0	0	0	0	0	0
Gillespie	0	0	0	0	0	0	0	0	0	0
Glasscock	0	0	0	0	0	0	0	0	0	0
Goliad	0	0	0	0	0	0	0	0	0	0
Gonzales	0	0	0	0	0	0	0	0	0	0
Gray	0	0	0	0	0	0	0	0	0	0
Grayson	0	0	0	0	0	0	0	0	0	0
Gregg	0	0	0	0	0	0	0	0	0	0
Grimes	0	0	0	0	0	0	0	0	0	0
Guadalupe	0	0	0	0	0	0	0	0	0	0
Hale	0	0	0	0	0	0	0	0	0	0
Hall	0	0	0	0	0	0	0	0	0	0
Hamilton	0	0	0	0	0	0	0	0	0	0
Hansford	0	0	0	0	0	0	0	0	0	0
Hardeman	0	0	0	0	0	0	0	0	0	0
Harris	0	0	0	0	0	0	0	0	0	0
Harrison	0	0	0	0	0	0	0	0	0	0
Hartley	0	0	0	0	0	0	0	0	0	0
Haskell	0	0	0	0	0	0	0	0	0	0
Hays	0	0	1	0	0	0	0	0	0	0
Hemphill	0	0	0	0	0	0	0	0	0	0
Henderson	0	0	0	0	0	0	0	0	0	0
Hidalgo	0	0	0	0	0	0	0	0	0	0
Hill	0	0	0	0	0	0	0	0	0	0
Hood	0	0	0	0	0	0	0	0	0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Adjacent Factor (if applicable) * Take Likelihood Factor;
rounded to the nearest whole acre

Plan Area	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck's Cave Amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
County Name										
Take Exposure	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM	S/PUM	S/PUM	S/PUM	S/PUM
Take Likelihood	1	1	1	1	1	0.3	1	1	1	1
Adjacent Factor	1.83	1.83	1.83	1.83	1.83	1	1	1	1	1
Hopkins	0	0	0	0	0	0	0	0	0	0
Houston	0	0	0	0	0	0	0	0	0	0
Howard	0	0	0	0	0	0	0	0	0	0
Hudspeth	0	0	0	0	0	0	0	0	0	0
Hunt	0	0	0	0	0	0	0	0	0	0
Hutchinson	0	0	0	0	0	0	0	0	0	0
Irion	0	0	0	0	0	0	0	0	0	0
Jack	0	0	0	0	0	0	0	0	0	0
Jackson	0	0	0	0	0	0	0	0	0	0
Jasper	0	0	0	0	0	0	0	0	0	0
Jeff Davis	0	0	0	0	0	0	0	0	0	0
Jefferson	0	0	0	0	0	0	0	0	0	0
Jim Hogg	0	0	0	0	0	0	0	0	0	0
Jim Wells	0	0	0	0	0	0	0	0	0	0
Johnson	0	0	0	0	0	0	0	0	0	0
Jones	0	0	0	0	0	0	0	0	0	0
Karnes	0	0	0	0	0	0	0	0	0	0
Kaufman	0	0	0	0	0	0	0	0	0	0
Kendall	0	0	0	0	0	0	0	0	0	0
Kenedy	0	0	0	0	0	0	0	0	0	0
Kent	0	0	0	0	0	0	0	0	0	0
Kerr	0	0	0	0	0	0	0	0	0	0
Kimble	0	0	0	0	0	0	0	0	0	0
King	0	0	0	0	0	0	0	0	0	0
Kinney	0	0	0	0	0	0	0	0	0	0
Kleberg	0	0	0	0	0	0	0	0	0	0
Knox	0	0	0	0	0	0	0	0	0	0
La Salle	0	0	0	0	0	0	0	0	0	0
Lamar	0	0	0	0	0	0	0	0	0	0
Lamb	0	0	0	0	0	0	0	0	0	0
Lampasas	0	0	0	0	0	0	0	0	0	0
Lavaca	0	0	0	0	0	0	0	0	0	0
Lee	0	0	0	0	0	0	0	0	0	0
Leon	0	0	0	0	0	0	0	0	0	0
Liberty	0	0	0	0	0	0	0	0	0	0
Limestone	0	0	0	0	0	0	0	0	0	0
Lipscomb	0	0	0	0	0	0	0	0	0	0
Live Oak	0	0	0	0	0	0	0	0	0	0
Llano	0	0	0	0	0	0	0	0	0	0
Loving	0	0	0	0	0	0	0	0	0	0
Lubbock	0	0	0	0	0	0	0	0	0	0
Lynn	0	0	0	0	0	0	0	0	0	0
Madison	0	0	0	0	0	0	0	0	0	0
Martin	0	0	0	0	0	0	0	0	0	0
Mason	0	0	0	0	0	0	0	0	0	0
Matagorda	0	0	0	0	0	0	0	0	0	0
Maverick	0	0	0	0	0	0	0	0	0	0
Mcculloch	0	0	0	0	0	0	0	0	0	0
Mclennan	0	0	0	0	0	0	0	0	0	0
Mcmullen	0	0	0	0	0	0	0	0	0	0
Medina	0	0	0	0	0	0	0	0	0	5
Menard	0	0	0	0	0	0	0	0	0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Adjacent Factor (if applicable) * Take Likelihood Factor;
rounded to the nearest whole acre

Plan Area	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck's Cave Amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
County Name										
Take Exposure	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM-Adj 50 ft + S/PM-Adj 50 ft	S/PUM	S/PUM	S/PUM	S/PUM	S/PUM
Take Likelihood	1	1	1	1	1	0.3	1	1	1	1
Adjacent Factor	1.83	1.83	1.83	1.83	1.83	1	1	1	1	1
Midland	0	0	0	0	0	0	0	0	0	0
Milam	0	0	0	0	0	0	0	0	0	0
Mills	0	0	0	0	0	0	0	0	0	0
Mitchell	0	0	0	0	0	0	0	0	0	0
Montague	0	0	0	0	0	0	0	0	0	0
Montgomery	0	0	0	0	0	0	0	0	0	0
Moore	0	0	0	0	0	0	0	0	0	0
Morris	0	0	0	0	0	0	0	0	0	0
Motley	0	0	0	0	0	0	0	0	0	0
Nacogdoches	0	0	0	0	0	0	0	0	0	0
Navarro	0	0	0	0	0	0	0	0	0	0
Nolan	0	0	0	0	0	0	0	0	0	0
Nueces	0	0	0	0	0	0	0	0	0	0
Ochiltree	0	0	0	0	0	0	0	0	0	0
Oldham	0	0	0	0	0	0	0	0	0	0
Palo Pinto	0	0	0	0	0	0	0	0	0	0
Panola	0	0	0	0	0	0	0	0	0	0
Parker	0	0	0	0	0	0	0	0	0	0
Parmer	0	0	0	0	0	0	0	0	0	0
Pecos	0	0	0	0	0	0	0	0	0	0
Polk	0	0	0	0	0	0	0	0	0	0
Potter	0	0	0	0	0	0	0	0	0	0
Presidio	0	0	0	0	0	0	0	0	0	0
Rains	0	0	0	0	0	0	0	0	0	0
Randall	0	0	0	0	0	0	0	0	0	0
Reagan	0	0	0	0	0	0	0	0	0	0
Real	0	0	0	0	0	0	0	0	0	0
Red River	0	0	0	0	0	0	0	0	0	0
Reeves	0	0	0	0	0	0	0	0	0	0
Refugio	0	0	0	0	0	0	0	0	0	0
Roberts	0	0	0	0	0	0	0	0	0	0
Robertson	0	0	0	0	0	0	0	0	0	0
Rockwall	0	0	0	0	0	0	0	0	0	0
Runnels	0	0	0	0	0	0	0	0	0	0
Rusk	0	0	0	0	0	0	0	0	0	0
San Augustine	0	0	0	0	0	0	0	0	0	0
San Jacinto	0	0	0	0	0	0	0	0	0	0
San Patricio	0	0	0	0	0	0	0	0	0	0
San Saba	0	0	0	0	0	0	0	0	0	0
Schleicher	0	0	0	0	0	0	0	0	0	0
Scurry	0	0	0	0	0	0	0	0	0	0
Shackelford	0	0	0	0	0	0	0	0	0	0
Shelby	0	0	0	0	0	0	0	0	0	0
Smith	0	0	0	0	0	0	0	0	0	0
Somervell	0	0	0	0	0	0	0	0	0	0
Starr	0	0	0	0	0	0	0	0	0	0
Stephens	0	0	0	0	0	0	0	0	0	0
Sterling	0	0	0	0	0	0	0	0	0	0
Stonewall	0	0	0	0	0	0	0	0	0	0
Sutton	0	0	0	0	0	0	0	0	0	0
Swisher	0	0	0	0	0	0	0	0	0	0
Tarrant	0	0	0	0	0	0	0	0	0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Adjacent Factor (if applicable) * Take Likelihood Factor;
rounded to the nearest whole acre

Plan Area County Name	Jollyville Plateau Salamander	Salado Springs Salamander	San Marcos Salamander	Comal Springs Riffle Beetle	Peck's Cave Amphipod	Bee Creek Cave Harvestman	Tooth Cave Spider	Tooth Cave Ground Beetle	Madla Cave Meshweaver	Government Canyon Bat Cave Spider
Take Exposure	S/PUM + S/PM + S/PUM- Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM- Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM- Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM- Adj 50 ft + S/PM-Adj 50 ft	S/PUM + S/PM + S/PUM- Adj 50 ft + S/PM-Adj 50 ft	S/PUM	S/PUM	S/PUM	S/PUM	S/PUM
Take Likelihood	1	1	1	1	1	0.3	1	1	1	1
Adjacent Factor	1.83	1.83	1.83	1.83	1.83	1	1	1	1	1
Taylor	0	0	0	0	0	0	0	0	0	0
Terrell	0	0	0	0	0	0	0	0	0	0
Terry	0	0	0	0	0	0	0	0	0	0
Throckmorton	0	0	0	0	0	0	0	0	0	0
Titus	0	0	0	0	0	0	0	0	0	0
Tom Green	0	0	0	0	0	0	0	0	0	0
Travis	13	0	1	0	0	16	3	4	0	0
Trinity	0	0	0	0	0	0	0	0	0	0
Tyler	0	0	0	0	0	0	0	0	0	0
Upshur	0	0	0	0	0	0	0	0	0	0
Upton	0	0	0	0	0	0	0	0	0	0
Uvalde	0	0	0	0	0	0	0	0	0	0
Val Verde	0	0	0	0	0	0	0	0	0	0
Van Zandt	0	0	0	0	0	0	0	0	0	0
Victoria	0	0	0	0	0	0	0	0	0	0
Walker	0	0	0	0	0	0	0	0	0	0
Waller	0	0	0	0	0	0	0	0	0	0
Ward	0	0	0	0	0	0	0	0	0	0
Washington	0	0	0	0	0	0	0	0	0	0
Webb	0	0	0	0	0	0	0	0	0	0
Wharton	0	0	0	0	0	0	0	0	0	0
Wheeler	0	0	0	0	0	0	0	0	0	0
Wichita	0	0	0	0	0	0	0	0	0	0
Wilbarger	0	0	0	0	0	0	0	0	0	0
Willacy	0	0	0	0	0	0	0	0	0	0
Williamson	2	0	0	0	0	0	2	3	0	0
Wilson	0	0	0	0	0	0	0	0	0	0
Winkler	0	0	0	0	0	0	0	0	0	0
Wise	0	0	0	0	0	0	0	0	0	0
Wood	0	0	0	0	0	0	0	0	0	0
Young	0	0	0	0	0	0	0	0	0	0
Zapata	0	0	0	0	0	0	0	0	0	0
Zavala	0	0	0	0	0	0	0	0	0	0
TOTAL Plan Area	15	1	2	0	1	20	5	7	5	5
Direct + Indirect Take	16	1	2	0	1	88	10	14	10	10

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Adjacent Factor (if applicable) * Take Likelihood Factor;
rounded to the nearest whole acre

Plan Area County Name		Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
	Helotes Mold Beetle		
Take Exposure	S/PUM	S/PUM	S/PUM
Take Likelihood	1	1	1
Adjacent Factor	1	1	1
Anderson	0	0	0
Andrews	0	0	0
Angelina	0	0	0
Aransas	0	0	0
Archer	0	0	0
Armstrong	0	0	0
Atascosa	0	0	0
Austin	0	0	0
Bandera	0	0	0
Bastrop	0	0	0
Baylor	0	0	0
Bee	0	0	0
Bell	0	0	0
Bexar	0	0	0
Blanco	0	0	0
Borden	0	0	0
Bosque	0	0	0
Bowie	0	0	0
Brazoria	0	0	0
Brazos	0	0	0
Brewster	0	0	0
Briscoe	0	0	0
Brooks	0	0	0
Brown	0	0	0
Burleson	0	0	0
Burnet	0	0	0
Caldwell	0	0	0
Calhoun	0	0	0
Callahan	0	0	0
Cameron	0	0	0
Camp	0	0	0
Carson	0	0	0
Castro	0	0	0
Chambers	0	0	0
Cherokee	0	0	0
Childress	0	0	0
Clay	0	0	0
Coke	0	0	0
Coleman	0	0	0
Collin	0	0	0
Collingsworth	0	0	0
Colorado	0	0	0
Comal	0	0	0
Comanche	0	0	0
Concho	0	0	0
Cooke	0	0	0
Coryell	0	0	0
Cottle	0	0	0
Crane	0	0	0
Crockett	0	0	0
Crosby	0	0	0
Culberson	0	0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Adjacent Factor (if applicable) * Take Likelihood Factor;
rounded to the nearest whole acre

Plan Area County Name		Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
	Helotes Mold Beetle		
Take Exposure	S/PUM	S/PUM	S/PUM
Take Likelihood	1	1	1
Adjacent Factor	1	1	1
Dallas	0	0	0
Dawson	0	0	0
De Witt	0	0	0
Deaf Smith	0	0	0
Delta	0	0	0
Denton	0	0	0
Dickens	0	0	0
Dimmit	0	0	0
Donley	0	0	0
Duval	0	0	0
Eastland	0	0	0
Ector	0	0	0
Edwards	0	0	0
Ellis	0	0	0
Erath	0	0	0
Falls	0	0	0
Fannin	0	0	0
Fayette	0	0	0
Fisher	0	0	0
Floyd	0	0	0
Foard	0	0	0
Fort Bend	0	0	0
Franklin	0	0	0
Freestone	0	0	0
Frio	0	0	0
Gaines	0	0	0
Galveston	0	0	0
Garza	0	0	0
Gillespie	0	0	0
Glasscock	0	0	0
Goliad	0	0	0
Gonzales	0	0	0
Gray	0	0	0
Grayson	0	0	0
Gregg	0	0	0
Grimes	0	0	0
Guadalupe	0	0	0
Hale	0	0	0
Hall	0	0	0
Hamilton	0	0	0
Hansford	0	0	0
Hardeman	0	0	0
Harris	0	0	0
Harrison	0	0	0
Hartley	0	0	0
Haskell	0	0	0
Hays	0	0	0
Hemphill	0	0	0
Henderson	0	0	0
Hidalgo	0	0	0
Hill	0	0	0
Hood	0	0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Adjacent Factor (if applicable) * Take Likelihood Factor;
rounded to the nearest whole acre

Plan Area County Name		Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
	Helotes Mold Beetle		
Take Exposure	S/PUM	S/PUM	S/PUM
Take Likelihood	1	1	1
Adjacent Factor	1	1	1
Hopkins	0	0	0
Houston	0	0	0
Howard	0	0	0
Hudspeth	0	0	0
Hunt	0	0	0
Hutchinson	0	0	0
Irion	0	0	0
Jack	0	0	0
Jackson	0	0	0
Jasper	0	0	0
Jeff Davis	0	0	0
Jefferson	0	0	0
Jim Hogg	0	0	0
Jim Wells	0	0	0
Johnson	0	0	0
Jones	0	0	0
Karnes	0	0	0
Kaufman	0	0	0
Kendall	0	0	0
Kenedy	0	0	0
Kent	0	0	0
Kerr	0	0	0
Kimble	0	0	0
King	0	0	0
Kinney	0	0	0
Kleberg	0	0	0
Knox	0	0	0
La Salle	0	0	0
Lamar	0	0	0
Lamb	0	0	0
Lampasas	0	0	0
Lavaca	0	0	0
Lee	0	0	0
Leon	0	0	0
Liberty	0	0	0
Limestone	0	0	0
Lipscomb	0	0	0
Live Oak	0	0	0
Llano	0	0	0
Loving	0	0	0
Lubbock	0	0	0
Lynn	0	0	0
Madison	0	0	0
Martin	0	0	0
Mason	0	0	0
Matagorda	0	0	0
Maverick	0	0	0
Mcculloch	0	0	0
Mclennan	0	0	0
Mcmullen	0	0	0
Medina	5	5	5
Menard	0	0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Adjacent Factor (if applicable) * Take Likelihood Factor;
rounded to the nearest whole acre

Plan Area County Name	Helotes Mold Beetle	Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
	S/PUM	S/PUM	S/PUM
Take Exposure			
Take Likelihood	1	1	1
Adjacent Factor	1	1	1
Midland	0	0	0
Milam	0	0	0
Mills	0	0	0
Mitchell	0	0	0
Montague	0	0	0
Montgomery	0	0	0
Moore	0	0	0
Morris	0	0	0
Motley	0	0	0
Nacogdoches	0	0	0
Navarro	0	0	0
Nolan	0	0	0
Nueces	0	0	0
Ochiltree	0	0	0
Oldham	0	0	0
Palo Pinto	0	0	0
Panola	0	0	0
Parker	0	0	0
Parmer	0	0	0
Pecos	0	0	0
Polk	0	0	0
Potter	0	0	0
Presidio	0	0	0
Rains	0	0	0
Randall	0	0	0
Reagan	0	0	0
Real	0	0	0
Red River	0	0	0
Reeves	0	0	0
Refugio	0	0	0
Roberts	0	0	0
Robertson	0	0	0
Rockwall	0	0	0
Runnels	0	0	0
Rusk	0	0	0
San Augustine	0	0	0
San Jacinto	0	0	0
San Patricio	0	0	0
San Saba	0	0	0
Schleicher	0	0	0
Scurry	0	0	0
Shackelford	0	0	0
Shelby	0	0	0
Smith	0	0	0
Somervell	0	0	0
Starr	0	0	0
Stephens	0	0	0
Sterling	0	0	0
Stonewall	0	0	0
Sutton	0	0	0
Swisher	0	0	0
Tarrant	0	0	0

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Adjacent Factor (if applicable) * Take Likelihood Factor;
rounded to the nearest whole acre

Plan Area County Name	Helotes Mold Beetle	Elongate Ground Beetle with no common name (<i>Rhadine exilis</i>)	Robust Ground Beetle with no common name (<i>Rhadine infernalis</i>)
	S/PUM	S/PUM	S/PUM
Take Exposure			
Take Likelihood	1	1	1
Adjacent Factor	1	1	1
Taylor	0	0	0
Terrell	0	0	0
Terry	0	0	0
Throckmorton	0	0	0
Titus	0	0	0
Tom Green	0	0	0
Travis	0	0	0
Trinity	0	0	0
Tyler	0	0	0
Upshur	0	0	0
Upton	0	0	0
Uvalde	0	0	0
Val Verde	0	0	0
Van Zandt	0	0	0
Victoria	0	0	0
Walker	0	0	0
Waller	0	0	0
Ward	0	0	0
Washington	0	0	0
Webb	0	0	0
Wharton	0	0	0
Wheeler	0	0	0
Wichita	0	0	0
Wilbarger	0	0	0
Willacy	0	0	0
Williamson	0	0	0
Wilson	0	0	0
Winkler	0	0	0
Wise	0	0	0
Wood	0	0	0
Young	0	0	0
Zapata	0	0	0
Zavala	0	0	0
TOTAL Plan Area	5	5	5
Direct + Indirect Take	10	10	10

Conceptual Calculation:
(ITP Term Disturbances +(Average Annual Disturbances*30)) * % of County as Habitat * Adjacent Factor (if applicable) * Take Likelihood Factor;
rounded to the nearest whole acre