

## Appendix A

Estimated impervious cover percentages by watershed from our analysis using a point 262 ft (80 m) downstream from a salamander site. Omitted cave locations are shown in gray. Summary statistics for each salamander species are presented in blue. Impervious cover percentages were shaded a color based on the following impervious cover categories: High=red, Medium=orange, Low=yellow, and None=green. The sums of acres and hectares analyzed do not add up to the species total because some watersheds overlapped with each other.

Watershed	Acres Analyzed	Hectares Analyzed	Percent Impervious
Austin Blind salamander	76,817	31,087	
Eliza Spring, Parthenia (Main) Spring	76,617	31,006	3.37
Sunken Gardens (Old Mill) Spring	76,817	31,087	3.40
Georgetown salamander	265,221	107,331	
Avant Spring	8,996	3,641	0.70
Bat Well			
Buford Hollow Spring	418	169	0.16
Cedar Breaks Hiking Trail Spring	212	86	0.16
Cedar Hollow Spring	123	50	0.08
Cobbs Spring	541	219	0.01
Cobbs Well			
Cowan Creek Spring	6,660	2,695	0.92
Knight Spring	346	140	0.10
San Gabriel Spring	258,020	104,417	0.78
Shadow Canyon	27	11	0.70
Swinbank Spring	159,186	64,421	0.36
Twin Spring	79	32	3.39
Walnut Spring	1	1	0.00
Water Tank Cave			
Jollyville Plateau salamander	65,508	26,510	
1, Bull Creek Spring Pool	1,746	707	7.10
2, 4	1,693	685	7.33
3, Lanier Spring	1,610	652	7.70
5, Three Hole Spring	651	263	9.41
6	244	99	15.89
9, 10	236	96	18.40
12, Upper Ribelin	293	119	14.83
13, Ribelin 2	425	172	10.25
14, Lower Ribelin	521	211	8.35
15, 16	566	229	7.69

17, Tributary No. 5, Bull Creek Tributary 5 (2) / Bull Creek Tributary 5 (3)	795	322	18.99
20	99	40	16.04
21	189	76	26.86
22	31	13	40.31
24	74	30	4.95
25	468	189	0.00
Audubon Spring	23	9	0.00
Avery Deer Spring	248	101	17.77
Avery Springhouse Spring	130	53	26.83
Baker Spring	80	32	0.41
Balcones District Park Spring	2,258	914	33.48
Barrow Hollow Spring	290	117	13.21
Barrow Preserve Trib	125	50	10.75
Blizzard 2 / Blizzard 3	8	3	0.00
Blizzard R-Bar-B Spring	1,556	630	10.25
Bluewater Cave No. 1			
Bluewater Cave No. 2			
Broken Bridge Spring	1,120	453	20.41
Brushy Creek Spring	49,782	20,146	14.00
Bull Creek at Lanier Tract	749	303	5.81
Buttercup Creek Cave			
Canyon Creek Hog Wallow Spring	727	294	8.41
Canyon Creek Pope and Hiers	852	345	19.65
Cistern (Pipe) Spring	36	15	0.00
Concordia Spring X	17	7	13.36
Concordia Spring Y	322	130	12.88
Downstream of Small Sylvia Spring 1 and Downstream of Small Sylvia Spring 2	1,371	555	21.85
Fern Gully	151	61	26.94
Flea Cave			
Franklin, Franklin Tract 2, Franklin Tract 3, Pit Spring	1,833	742	6.77
Gardens of Bull Creek	2,100	850	18.76
Gaas Spring	444	180	17.69
Godzilla Cave			
Hamilton Reserve West	553	224	14.57
Hearth Spring	720	292	22.55
Hideaway Cave			
Hill Marsh Spring	145	59	9.71
Horsethief, 18	19	8	0.00
House Spring	93	38	26.21
Ilex Cave			
Indian Spring	111	45	11.13

Ivanhoe Spring 2	19	8	0.00
Kelly Hollow Springs	252	102	23.18
Kretschmarr Salamander Cave			
Krienke Spring	3,236	1,310	8.74
Lanier 90-foot Riffle	814	329	9.89
Long Hog Hollow Tributary below Fireoak Spring	193	78	24.72
MacDonald Well	538	218	7.78
Moss Gully	27	11	0.00
PC Spring	1,631	660	11.67
Ribelin	12	5	0.00
Ribelin / Lanier	579	234	7.52
Salamander Squeeze Cave			
SAS Canyon	77	31	10.42
Schlumberger Spring # 1, 19	61	25	26.15
Schlumberger Spring #2	87	35	19.67
Sierra Spring	348	141	19.95
Small Sylvia Spring	1,242	503	22.10
Spicewood Spring (USGS), Spicewood Tributary	377	152	30.76
Spicewood Park Dam	260	105	17.96
Stillhouse Hollow Tributary, Stillhouse Tributary, Stillhouse Hollow Spring, Stillhouse Hollow, Little Stillhouse Hollow Spring	68	28	19.64
Sylvia Spring Area 2, Sylvia Spring Area 3, Sylvia Spring Area 4, Spicewood Valley Park Spring	1,215	492	22.31
Tanglewood 2	65	26	31.72
Tanglewood Spring, Tanglewood 3	141	57	29.98
Testudo Tube			
Treehouse Cave			
Tributary Downstream of Grandview	110	44	7.42
Tributary No. 3	646	261	21.34
Tributary No. 4 - downstream and upstream	1,597	646	21.10
Tributary No. 6, Bull Creek Tributary 6 (2), Bull Creek Tributary 6 (3), Canyon Creek	2,055	832	18.94
Troll Spring	130	53	48.26
Tubb Spring	10	4	28.75
TWASA Cave			
Two Hole Cave			
Wheless Springs, Wheless Springs 2	414	167	0.00
Whitewater Cave			

Salado salamander	86,842	35,144	
Salado Spring , Lil' Bubbly Spring, Lazy Days Fish Farm	86,842	35,144	0.42
Cistern Spring	4,482	1,814	0.04
Hog Hollow Spring	4,482	1,814	0.04
Robertson Spring	86,483	34,999	0.38
Solana Spring	68	27	0.01