# Appendix C

**Comparison of impervious cover data from U.S. Fish and Wildlife (FWS), SWCA Environmental Consultants (SWCA), and City of Austin (COA).**

Omitted cave locations are shown in gray. Impervious cover percentages were shaded a color based on the following impervious cover categories: High=red, Medium=orange, Low=yellow, and None=green.

| Springshed | Area Analyzed | | | | | | Area Impervious | | | | | | Percent Impervious | | | FWS vs. SWCA Notes | FWS vs. COA Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FWS | | SWCA | | COA | | FWS | | SWCA | | COA | | FWS | SWCA | COA | | |
| | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | | | | | |
| Austin blind salamander | | | | | | | | | | | | | | | | | |
| Parthenia (Main) Spring | 76,597 | 30,998 | | | | | 2,579 | | | | | | 3.37 | | | | |
| Eliza Spring | 76,615 | 31,005 | | | | | 2,581 | | | | | | 3.37 | | | | |
| Sunken Gardens (Old Mill) Spring | 2 | 1 | | | | | 0 | | | | | | 2.86 | | | | |
| Georgetown salamander | | | | | | | | | | | | | | | | | |
| Avant Spring | 8,993 | 3,639 | 8,937 | 3,617 | | | 63 | 25 | 516 | 209 | | | 0.70 | 5.77 | | Watersheds appear similar. New quarry at downstream end of watershed (approximately 200+ acres) accounts for some of the difference. Additional difference in IC acres is likely due to differences in analysis methods. | |
| Bat Well | | | | | | | | | | | | | | | | | |
| Buford Hollow Springs | 417 | 169 | 333 | 135 | | | 1 | 0 | 39 | 16 | | | 0.16 | 11.61 | | The difference in watersheds is mostly due to the fact that we went 164 ft (50 m) downstream and picked up another small drainage. The difference in the impervious cover is most likely because there's a new road and quarry [approximately 28 ac (11 ha)] that we did not have in our analysis. Additional difference in IC acres is likely due to differences in analysis methods. | |

| Springshed | Area Analyzed | | | | | | Area Impervious | | | | | | Percent Impervious | | | FWS vs. SWCA Notes | FWS vs. COA Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FWS | | SWCA | | COA | | FWS | | SWCA | | COA | | FWS | SWCA | COA | | |
| | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | | | | | |
| Cedar Breaks Hiking Trail Spring | 207 | 84 | 211 | 86 | | | 0 | 0 | 47 | 19 | | | 0.16 | 22.14 | | Watersheds appear similar. Two more roads and a new quarry [approximately 33 ac (13 ha)] in upper watershed. Additional difference in IC acres is likely due to differences in analysis methods. | |
| Cedar Hollow Spring | 121 | 49 | 69 | 28 | | | 0 | 0 | 5 | 2 | | | 0.08 | 6.94 | | The difference in watershed size most likely due to slightly different point location and the fact that we went 164 ft (50 m) downstream and included an extra small ephemeral stream. A large lot development our layer didn't pick up is likely the reason for difference in impervious cover. | |
| Cobb Springs | 535 | 216 | 454 | 184 | | | 0 | 0 | 0 | 0 | | | 0.01 | 0.04 | | Difference in watershed size most likely due to slightly different point location and the fact that we went 164 ft (50 m) downstream of the site, picking up an extra small ephemeral stream. | |
| Cobb Well | | | | | | | | | | | | | | | | | |
| Cowan Creek Spring | 6,660 | 2,695 | 6,515 | 2,636 | | | 61 | 25 | 526 | 213 | | | 0.92 | 8.08 | | Watersheds appear similar. The difference in impervious cover is somewhat explained by an additional high density subdivision in the watershed (about 700 ac (284 ha) of new development). Other differences likely due to differences in analysis methods. | |
| Knight (Crockett Garden) Spring | 7 | 3 | 7 | 3 | | | 0 | 0 | 0 | 0 | | | 0.00 | 4.09 | | Watersheds appear similar. Difference in impervious cover is likely due to differences in analysis methods. | |
| San Gabriel Spring | 258,017 | 104,416 | | | | | 2,013 | 815 | | | | | 0.78 | | | | |
| Shadow Canyon Spring | 25 | 10 | 24 | 10 | | | 0 | 0 | 1 | 0 | | | 0.74 | 3.02 | | Watersheds appear similar. Difference in impervious cover acres is likely due to differences in analysis methods. | |

| Springshed | Area Analyzed | | | | | | Area Impervious | | | | | | Percent Impervious | | | FWS vs. SWCA Notes | FWS vs. COA Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FWS | | SWCA | | COA | | FWS | | SWCA | | COA | | FWS | SWCA | COA | | |
| | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | | | | | |
| Swinbank Spring | 9 | 4 | 19 | 8 | | | 1 | 0 | 4 | 2 | | | 6.90 | 20.53 | | Watersheds are slightly different due to different methods of delineation. Difference in IC acres is likely due to differences in analysis methods. | |
| Twin Spring | 78 | 32 | 72 | 29 | | | 3 | 1 | 10 | 4 | | | 3.45 | 14.27 | | The difference in watersheds is due to the fact that we went 164 ft (50 m) downstream. Difference in IC acres is likely due to differences in analysis methods. | |
| Walnut Spring | 1 | 0 | 196 | 79 | | | 0 | 0 | 13 | 5 | | | 0.00 | 6.85 | | Our point is more than 1,640 ft (500 m) from theirs, so the watersheds are not comparable. | |
| Water Tank Cave | | | | | | | | | | | | | | | | | |
| Jollyville Plateau salamander | | | | | | | | | | | | | | | | | |
| 1 | 1,736 | 703 | | | 1,736 | 703 | 124 | 50 | | | 127 | 51 | 7.14 | | 7.32 | | |
| 2 | 1,659 | 671 | | | 1,658 | 671 | 124 | 50 | | | 127 | 51 | 7.48 | | 7.65 | | |
| 3, Lanier Spring | 1,604 | 649 | 1,565 | 633 | 1,604 | 649 | 124 | 50 | 209 | 84 | 127 | 51 | 7.73 | 13.34 | 7.90 | Watersheds appear similar. There is some difference in impervious cover acres due to an additional development that was not reflected in our analysis [~68 ac (28 ha)]. The rest of the difference in impervious cover acres is likely due to differences in analysis methods. | |
| 4 | 1,688 | 683 | | | 1,688 | 683 | 124 | 50 | | | 127 | 51 | 7.35 | | 7.52 | | |
| 5 | 648 | 262 | | | 648 | 262 | 61 | 25 | | | 66 | 27 | 9.45 | | 10.14 | | |
| 6 | 243 | 98 | | | 243 | 98 | 39 | 16 | | | 41 | 17 | 15.99 | | 16.80 | | |
| 9 | 215 | 87 | | | 215 | 87 | 43 | 18 | | | 43 | 18 | 20.27 | | 20.26 | | |
| 10 | 235 | 95 | | | 235 | 95 | 43 | 18 | | | 43 | 18 | 18.50 | | 18.50 | | |
| 12 | 293 | 119 | | | 293 | 118 | 43 | 18 | | | 44 | 18 | 14.84 | | 15.04 | | |
| 13 | 411 | 166 | | | 411 | 166 | 43 | 18 | | | 45 | 18 | 10.58 | | 10.88 | | |

| Springshed | Area Analyzed | | | | | | Area Impervious | | | | | | Percent Impervious | | | FWS vs. SWCA Notes | FWS vs. COA Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FWS | | SWCA | | COA | | FWS | | SWCA | | COA | | FWS | SWCA | COA | | |
| | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | | | | | |
| 14, Lower Ribelin | 520 | 210 | 521 | 211 | 519 | 210 | 43 | 18 | 106 | 43 | 45 | 18 | 8.37 | 20.39 | 8.69 | Watersheds appear similar; slight difference due to the fact that we went 164 ft (50 m) downstream of the site. There is some difference in impervious cover acres due to an additional development that was not reflected in our analysis [~68 ac (28 ha)]. The rest of the difference in IC acres is likely due to differences in analysis methods. | |
| 15 | 17 | 7 | | | 17 | 7 | 0 | 0 | | | 0 | 0 | 0.00 | | 0.00 | | |
| 16 | 15 | 6 | | | 15 | 6 | 0 | 0 | | | 0 | 0 | 0.00 | | 0.00 | | |
| 17 | 788 | 319 | | | 788 | 319 | 151 | 61 | | | 147 | 60 | 19.16 | | 18.67 | | |
| 20 | 11 | 5 | | | 11 | 5 | 0 | 0 | | | 3 | 1 | 0.28 | | 24.90 | | |
| 21 | 188 | 76 | | | 188 | 76 | 51 | 21 | | | 48 | 19 | 26.93 | | 25.50 | | |
| 22 | 31 | 13 | | | 31 | 12 | 13 | 5 | | | 10 | 4 | 40.60 | | 33.06 | | |
| 24 | 74 | 30 | | | 73 | 30 | 4 | 1 | | | 6 | 2 | 4.95 | | 8.18 | | |
| 25 | 467 | 189 | | | 469 | 190 | 0 | 0 | | | 1 | 0 | 0.00 | | 0.16 | | |
| Audubon Spring | 23 | 9 | 10 | 4 | 23 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | The difference in watersheds is due to the fact that their point was more than 32 ft (10 m) from ours and we went 164 ft (50 m) downstream of the site. | |
| Avery Deer Spring | 246 | 100 | 250 | 101 | 246 | 99 | 43 | 18 | 54 | 22 | 48 | 19 | 17.66 | 21.72 | 19.40 | The difference in watersheds is due to the fact that their point was more than 328 ft (100 m) downstream from ours. The difference in impervious cover acres is likely due to differences in analysis methods. | |
| Avery Springhouse Spring | 24 | 10 | | | 25 | 10 | 11 | 5 | | | 9 | 4 | 45.60 | | 36.87 | | |
| Baker Spring | 79 | 32 | 9 | 4 | 79 | 32 | 0 | 0 | 0 | 0 | 1 | 0 | 0.41 | 0.46 | 1.06 | Our point is about 66 ft (20 m) from theirs and on the creek with a much larger watershed, so the watersheds are not comparable. | |
| Balcones District Park Spring | 2,256 | 913 | | | 2,256 | 913 | 756 | 306 | | | 916 | 371 | 33.50 | | 40.63 | | |
| Barrow Hollow Spring | 183 | 74 | | | 184 | 74 | 22 | 9 | | | 51 | 21 | 12.19 | | 27.68 | | |

| Springshed | Area Analyzed | | | | | | Area Impervious | | | | | | Percent Impervious | | | FWS vs. SWCA Notes | FWS vs. COA Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FWS | | SWCA | | COA | | FWS | | SWCA | | COA | | FWS | SWCA | COA | | |
| | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | | | | | |
| Barrow Preserve Tributary | 124 | 50 | 123 | 50 | 124 | 50 | 13 | 5 | 30 | 12 | 39 | 16 | 10.76 | 24.05 | 31.63 | Watersheds appear similar; slight difference due to the fact that we went 164 ft (50 m) downstream of the site. The difference in impervious cover acres is likely due to differences in analysis methods. | |
| Blizzard 2, Blizzard 3 | 6 | 3 | | | | | | | | | | | 0.00 | | | | This is a recently added site that COA did not analyze. |
| Blizzard (R-Bar-B) Spring | 1,538 | 622 | | | 1,554 | 629 | 159 | 65 | | | 152 | 61 | 10.36 | | 9.75 | | |
| Bluewater Cave No. 1 | | | | | | | | | | | | | | | | | |
| Bluewater Cave No. 2 | | | | | | | | | | | | | | | | | |
| Broken Bridge Spring | 270 | 109 | | | 269 | 109 | 62 | 25 | | | 67 | 27 | 22.87 | | 24.94 | | |
| Brushy Creek Spring | 49,784 | 20,147 | | | 49,774 | 20,143 | 6,969 | 2,820 | | | 7,736 | 3,131 | 14.00 | | 15.54 | | |
| Bull Creek at Lanier Tract | 660 | 267 | | | 659 | 267 | 43 | 18 | | | 45 | 18 | 6.59 | | 6.84 | | |
| Bull Creek Spring Pool | 1,743 | 705 | | | 1,742 | 705 | 124 | 50 | | | 127 | 51 | 7.12 | | 7.30 | | |
| Bull Creek Tributary 5 (2), Bull Creek Tributary 5 (3) | 773 | 313 | | | | | 149 | 60 | | | | | 19.23 | | | | This is a recently added site that COA did not analyze. |
| Buttercup Creek Cave | | | | | | | | | | | | | | | | | |
| Canyon Creek, Bull Creek Tributary 6 (3) | 1,186 | 480 | | | 1,185 | 480 | 238 | 96 | | | 296 | 120 | 20.11 | | 24.99 | | |
| Canyon Creek Hog Wallow Spring | 726 | 294 | | | 726 | 294 | 61 | 25 | | | 66 | 27 | 8.43 | | 9.05 | | |
| Canyon Creek Pope and Hiers | 851 | 344 | | | 851 | 344 | 167 | 68 | | | 219 | 89 | 19.67 | | 25.71 | | |
| Cistern (Pipe) Spring | 3 | 1 | | | 4 | 1 | 0 | 0 | | | 0 | 0 | 0.00 | | 0.00 | | |
| Concordia Spring X | 17 | 7 | | | 17 | 7 | 2 | 1 | | | 3 | 1 | 13.53 | | 20.63 | | |
| Concordia Spring Y | 322 | 130 | | | 322 | 130 | 41 | 17 | | | 46 | 19 | 12.89 | | 14.37 | | |
| Downstream of Small Sylvia Spring 1 | 1,369 | 554 | | | | | | | | | | | 21.88 | | | | This is a recently added site that COA did not analyze |
| Downstream of Small Sylvia Spring 2 | 1,364 | 552 | | | | | | | | | | | 21.94 | | | | This is a recently added site that COA did not analyze |
| Fern Gully | 151 | 61 | | | 150 | 61 | 41 | 16 | | | 41 | 17 | 26.93 | | 27.55 | | |
| Flea Cave | | | | | | | | | | | | | | | | | |
| Franklin 2 | 1,832 | 742 | | | | | 124 | 50 | | | | | 6.77 | | | | This is a recently added site that COA did not analyze. |

| Springshed | Area Analyzed | | | | | | Area Impervious | | | | | | Percent Impervious | | | FWS vs. SWCA Notes | FWS vs. COA Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FWS | | SWCA | | COA | | FWS | | SWCA | | COA | | FWS | SWCA | COA | | |
| | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | | | | | |
| Franklin, Franklin 3 | 1,829 | 740 | | | 1,829 | 740 | 124 | 50 | | | 127 | 52 | 6.77 | | 6.97 | | |
| Gardens of Bull Creek | 2,099 | 849 | | | 2,098 | 849 | 394 | 159 | | | 450 | 182 | 18.76 | | 21.43 | | |
| Gaas Spring | 24 | 10 | | | 24 | 10 | 0 | 0 | | | 0 | 0 | 0.15 | | 1.96 | | |
| Godzilla Cave | | | | | | | | | | | | | | | | | |
| Hamilton Reserve West | 554 | 224 | | | 553 | 224 | 81 | 33 | | | 82 | 33 | 14.55 | | 14.73 | | |
| Hearth Spring | 719 | 291 | | | 720 | 291 | 162 | 66 | | | 228 | 92 | 22.58 | | 31.67 | | |
| Hideaway Cave | | | | | | | | | | | | | | | | | |
| Hill Marsh Spring | 146 | 59 | 138 | 56 | 146 | 59 | 15 | 6 | 22 | 9 | 15 | 6 | 10.21 | 16.08 | 10.03 | Difference in watersheds is due to the fact that their point was about 262 ft (80 m) upstream from ours. The difference in impervious cover acres is likely due to differences in analysis methods. | |
| Horsethief, 18 | 7 | 3 | | | 7 | 3 | 0 | 0 | | | 0 | 0 | 0.00 | | 0.00 | | |
| House Spring | 93 | 38 | | | 93 | 37 | 24 | 10 | | | 23 | 9 | 25.96 | | 25.01 | | |
| Hunter's Lane Cave | | | | | | | | | | | | | | | | | |
| Ilex Cave | | | | | | | | | | | | | | | | | |
| Indian Spring | 111 | 45 | | | | | 12 | 5 | | | | | 11.13 | | | | This is a site that COA did not analyze. |
| Ivanhoe Spring 2 | 11 | 5 | | | 11 | 4 | 0 | 0 | | | 0 | 0 | 0.00 | | 0.00 | | |
| Kelly Hollow Springs | 254 | 103 | | | 253 | 103 | 59 | 24 | | | 61 | 25 | 23.23 | | 24.07 | | |
| Kretschmarr Salamander Cave | | | | | | | | | | | | | | | | | |
| Krienke Spring | 3,235 | 1,309 | 3,085 | 1,248 | 3,233 | 1,308 | 283 | 114 | 562 | 227 | 396 | 160 | 8.74 | 18.22 | 12.25 | The difference in watersheds is due to the fact that their starting point was about 3281 ft (1000 m) upstream from ours. The difference in impervious cover acres is likely due to differences in analysis methods. | |
| Lanier 90-foot Riffle | 814 | 329 | | 0 | 813 | 329 | 81 | 33 | | | 82 | 33 | 9.89 | | 10.04 | | |
| Little Stillhouse Hollow Spring | 26 | 11 | | | 26 | 11 | 5 | 2 | | | 6 | 3 | 20.46 | | 24.24 | | |
| Long Hog Hollow Tributary Below Fire Oak | 191 | 77 | 182 | 74 | 191 | 77 | 47 | 19 | 46 | 19 | 57 | 23 | 24.78 | 25.15 | 29.71 | Watersheds appear similar; slight difference due to the fact that we went 164 ft (50 m) downstream. The difference in impervious cover acres is likely due to differences in analysis methods. | |
| MacDonald Well | 535 | 217 | | | 535 | 217 | 42 | 17 | | | 44 | 18 | 7.82 | | 8.21 | | |
| Moss Gully | 26 | 11 | | | 27 | 11 | 0 | 0 | | | 0 | 0 | 0.00 | | 0.00 | | |

| Springshed | Area Analyzed | | | | | | Area Impervious | | | | | | Percent Impervious | | | FWS vs. SWCA Notes | FWS vs. COA Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FWS | | SWCA | | COA | | FWS | | SWCA | | COA | | FWS | SWCA | COA | | |
| | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | | | | | |
| PC Spring | 1,630 | 660 | 1,507 | 610 | 1,631 | 660 | 190 | 77 | 344 | 139 | 218 | 88 | 11.68 | 22.82 | 13.39 | The difference in watersheds is somewhat due to the fact that their point was over 1312 ft (400 m) downstream from ours. Slightly more development [~ 45 ac (18 ha)] shows up in SWCA's analysis than ours. The rest of the impervious cover acres difference is likely due to differences in analysis methods. | |
| Pit Spring | 1,823 | 738 | | | 1,822 | 737 | 124 | 50 | | | 127 | 52 | 6.80 | | 6.99 | | |
| Ribelin | 12 | 5 | | | 12 | 5 | 0 | 0 | | | 0 | 0 | 0.00 | | 0.00 | | |
| Ribelin 2 | 416 | 168 | | | | | 43 | 18 | | | | 0 | 10.46 | | | | This is a recently added site that COA did not analyze. |
| Ribelin / Lanier | 578 | 234 | | | 578 | 234 | 43 | 18 | | | 45 | 18 | 7.53 | | 7.81 | | |
| Salamander Cave | | | | | | | | | | | | | | | | | |
| Salamander Squeeze Cave | | | | | | | | | | | | | | | | | |
| SAS Canyon | 68 | 28 | | | 68 | 28 | 8 | 3 | | | 11 | 4 | 11.64 | | 15.99 | | |
| Schlumberger Spring # 1, 19 | 58 | 24 | | | 58 | 23 | 16 | 6 | | | 14 | 5 | 27.03 | | 23.45 | | |
| Schlumberger Spring #2 | 86 | 35 | | | 85 | 35 | 17 | 7 | | | 15 | 6 | 19.82 | | 18.06 | | |
| Sierra Spring | 347 | 140 | | | 347 | 141 | 69 | 28 | | | 120 | 48 | 19.96 | | 34.47 | | |
| Small Sylvia Spring | 1,241 | 502 | | | 1,240 | 502 | 274 | 111 | | | 361 | 146 | 22.09 | | 29.07 | | |
| Spicewood Spring (USGS), Spicewood Tributary | 377 | 152 | 368 | 149 | 376 | 152 | 116 | 47 | 149 | 60 | 177 | 71 | 30.75 | 40.50 | 47.01 | Watersheds appear similar; slight difference due to the fact that we went 164 ft (50 m) downstream of the site. We were about 66 ft (20 m) different in locations as well. The difference in impervious cover acres is likely due to differences in analysis methods. | |
| Spicewood Park Dam | 259 | 105 | | | 259 | 105 | 46 | 19 | | | 63 | 26 | 17.96 | | 24.47 | | |
| Spicewood Valley Park Spring, Sylvia Spring Area 4 | 855 | 346 | | | 855 | 346 | 180 | 73 | | | 242 | 98 | 21.03 | | 28.25 | | |
| Stillhouse Hollow | 44 | 18 | | | | | 11 | 5 | | | | | 25.20 | | | | This is a recently added site that COA did not analyze |

| Springshed | Area Analyzed | | | | | | Area Impervious | | | | | | Percent Impervious | | | FWS vs. SWCA Notes | FWS vs. COA Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FWS | | SWCA | | COA | | FWS | | SWCA | | COA | | FWS | SWCA | COA | | |
| | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | | | | | |
| Stillhouse Hollow Spring | 9 | 4 | | | 9 | 4 | 1 | 0 | | | 2 | 1 | 11.26 | | 19.83 | | |
| Stillhouse Hollow Tributary | 67 | 27 | 57 | 23 | 67 | 27 | 13 | 5 | 12 | 5 | 19 | 7 | 19.83 | 20.78 | 27.48 | Watersheds appear slightly different due to the fact that we went 164 ft (50 m) downstream of the site and we picked up more area on the eastern side. The difference in impervious cover acres is likely due to differences in analysis methods. | |
| Stillhouse Tributary | 63 | 25 | | | 63 | 26 | 13 | 5 | | | 18 | 7 | 20.96 | | 28.31 | | |
| Sylvia Spring Area 2, Sylvia Spring Area 3 | 839 | 340 | | | | | 175 | 71 | | | | | 20.83 | | | | This is a recently added site that COA did not analyze |
| Tanglewood 2 | 64 | 26 | | | | | | | | | | | 32.05 | | | | This is a recently added site that COA did not analyze |
| Tanglewood Spring, Tanglewood 3 | 141 | 57 | 148 | 60 | 137 | 55 | 42 | 17 | 47 | 19 | 50 | 20 | 30.03 | 31.69 | 36.21 | Watersheds appear slightly different due to the fact that we went 164 ft (50 m) downstream and we added Tanglewood 3 just downstream from Tanglewood Spring. The difference in impervious cover acres is likely due to differences in analysis methods. | The watershed is different because COA used our Tanglewood Spring watershed before we added the recent site, Tanglewood 3. |
| Testudo Tube | | | | | | | | | | | | | | | | | |
| Three Hole Spring | 645 | 261 | | | | | 61 | 25 | | | | | 9.49 | | | | This is a recently added site that COA did not analyze |
| Treehouse Cave | | | | | | | | | | | | | | | | | |
| Tributary Downstream of Grandview | 101 | 41 | | | 100 | 41 | 8 | 3 | | | 11 | 5 | 7.89 | | 11.26 | | |
| Tributary No. 3 | 640 | 259 | 633 | 256 | 640 | 259 | 136 | 55 | 145 | 59 | 154 | 62 | 21.34 | 22.92 | 24.10 | Watersheds appear similar; slight difference due to the fact that we went 164 ft (50 m) downstream. The difference in impervious cover acres is likely due to differences in analysis methods. | |
| Tributary 4 shaft - upstream | 1,445 | 585 | | | 1,445 | 585 | 314 | 127 | | | 409 | 166 | 21.75 | | 28.30 | | |

| Springshed | Area Analyzed | | | | | | Area Impervious | | | | | | Percent Impervious | | | FWS vs. SWCA Notes | FWS vs. COA Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FWS | | SWCA | | COA | | FWS | | SWCA | | COA | | FWS | SWCA | COA | | |
| | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | | | | | |
| Tributary 4 shaft - downstream | 1,595 | 646 | | | 1,596 | 646 | 337 | 136 | | | 445 | 180 | 21.11 | | 27.91 | | |
| Tributary No. 5 | 794 | 321 | 776 | 314 | 794 | 322 | 151 | 61 | 174 | 71 | 147 | 60 | 19.00 | 22.47 | 18.53 | Watersheds appear similar; slight difference due to the fact that we went 164 ft (50 m) downstream of the site. SWCA's analysis includes an additional ~20 ac (8 ha) of development not reflected in our analysis | |
| Tributary No. 6, Bull Creek Tributary 6 (2) | 1,190 | 482 | 1,221 | 494 | 1,190 | 481 | 238 | 96 | 308 | 125 | 296 | 120 | 20.04 | 25.26 | 24.92 | Watersheds appear similar; slight difference due to the fact that we went 164 ft (50 m) downstream of the site. The difference in impervious cover acres is likely due to differences in analysis methods. | |
| Tributary 6 @ Sewage Line | 1,178 | 477 | | | 1,178 | 477 | 238 | 96 | | | 296 | 120 | 20.22 | | 25.11 | | |
| Tributary 7 | | | 1,795 | 726 | | | | | 215 | 87 | | | | 11.95 | | We could not match this site with any known Jollyville Plateau salamander sites. | |
| Troll Spring | 129 | 52 | | | 129 | 52 | 63 | 25 | | | 65 | 26 | 48.29 | | 50.68 | | |
| Tubb Spring | 9 | 4 | | | 9 | 4 | 3 | 1 | | | 3 | 1 | 28.55 | | 34.29 | | |
| TWASA Cave | | | | | | | | | | | | | | | | | |
| Two Hole Cave | | | | | | | | | | | | | | | | | |
| Upper Ribelin | 284 | 115 | 261 | 106 | 284 | 115 | 43 | 18 | 76 | 31 | 44 | 18 | 15.34 | 29.14 | 15.53 | Watersheds appear similar; slight difference due to the fact that we went 164 ft (50 m) downstream of the site and SWCA's point is an additional 164 ft (~50 m) upstream from ours. The differences in impervious cover calculations partially attributable to new apartment complex [~15 ac (6 ha)] that our analysis did not analyze. Other differences likely due to differences in analysis methods. | |
| Wheless 2 | 283 | 115 | | | | | | | | | | | | | | | This is a recently added site that COA did not analyze |

| Springshed | Area Analyzed | | | | | | Area Impervious | | | | | | Percent Impervious | | | FWS vs. SWCA Notes | FWS vs. COA Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FWS | | SWCA | | COA | | FWS | | SWCA | | COA | | FWS | SWCA | COA | | |
| | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | Acres | Hectares | | | | | |
| Wheless Springs | 411 | 166 | 142 | 57 | 412 | 167 | 0 | 0 | 5 | 2 | 1 | 0 | 0.00 | 3.21 | 0.18 | The differences in watershed due to the fact that our point is about 1,000 ft (305 m) downstream of theirs. The difference in impervious cover acres is likely due to differences in analysis methods. | |
| Whitewater Cave | | | | | | | | | | | | | | | | | |
| Salado Salamander | | | | | | | | | | | | | | | | | |
| Big Boiling Spring, Lil' Bubbly Spring | 86,681 | 35,079 | 88,143 | 35,670 | | | 354 | 143 | 3,596 | 1,455 | | | 0.41 | 4.08 | | Their watershed added a portion of Stillman Creek drainage that runs into Lampassas River (different drainage). Their impervious cover layer picks several large areas of what looks like open ground with no vegetation. | |
| Cistern Spring | 4,480 | 1,813 | | | | | 2 | 1 | | | | | 0.04 | | | | |
| Happy Days Fish Farm (Critchfield Spring) | 172 | 69 | | | | | 11 | 4 | | | | | 6.42 | | | | |
| Hog Hollow Spring | 89 | 36 | | | | | 0 | 0 | | | | | 0.00 | | | | |
| Robertson Spring | 86,500 | 35,005 | | | | | 327 | 132 | | | | | 0.38 | | | | |
| Solana Spring | 67 | 27 | | | | | 0 | 0 | | | | | 0.01 | | | | |