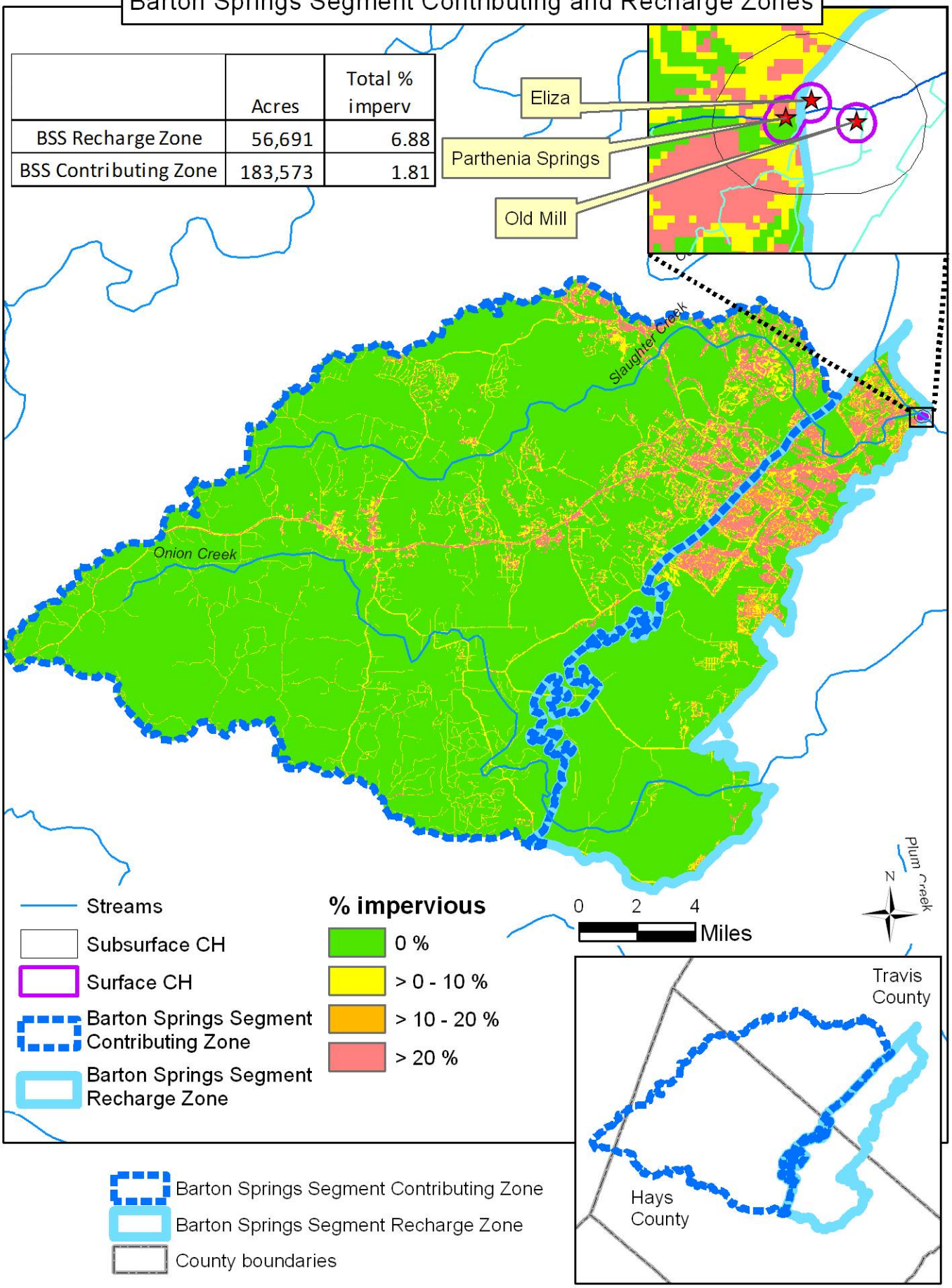
Appendix B

Maps of each individual watershed analyzed by U.S. Fish and Wildlife Service

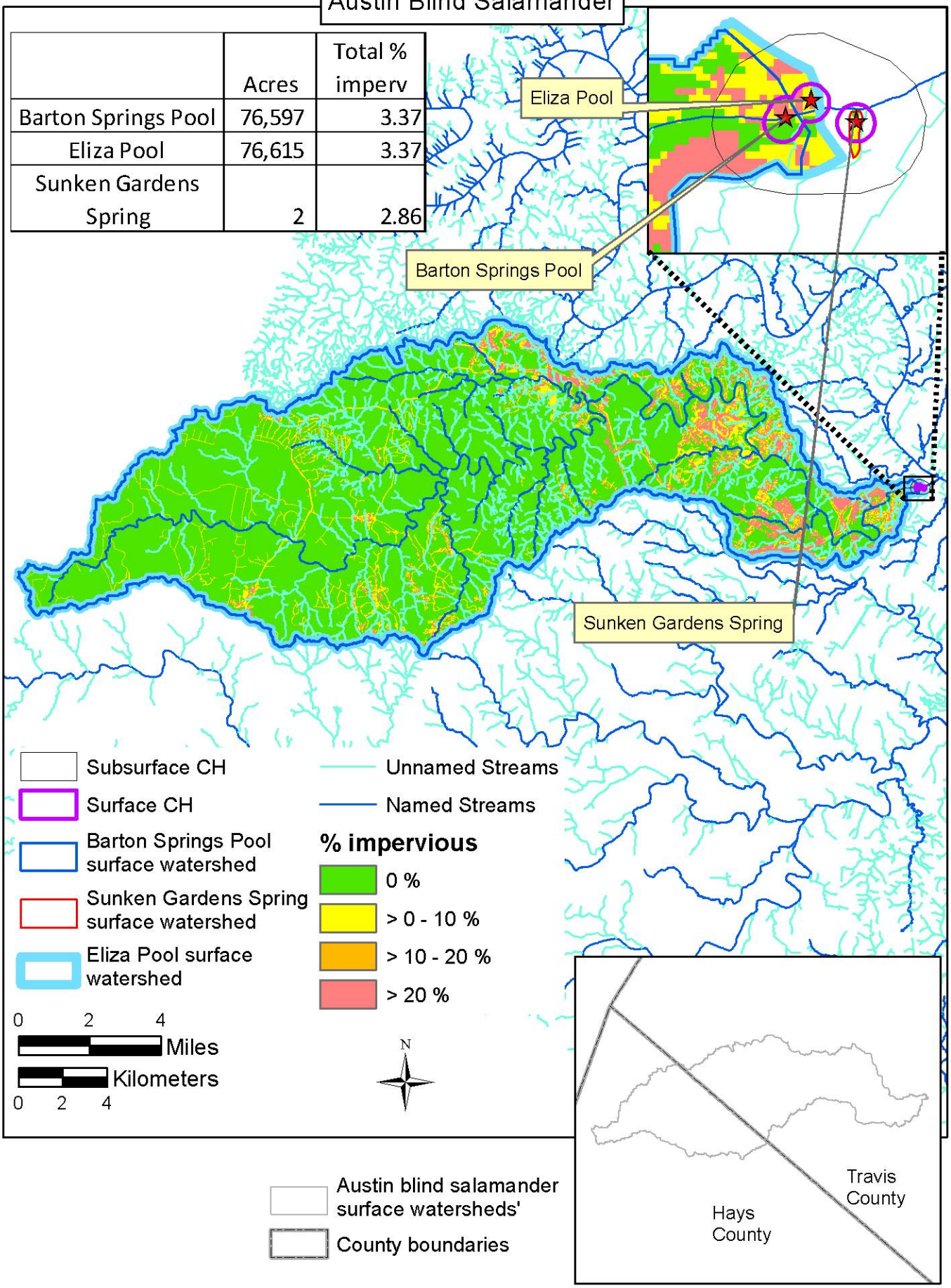
Barton Springs Segment Contributing and Recharge Zones

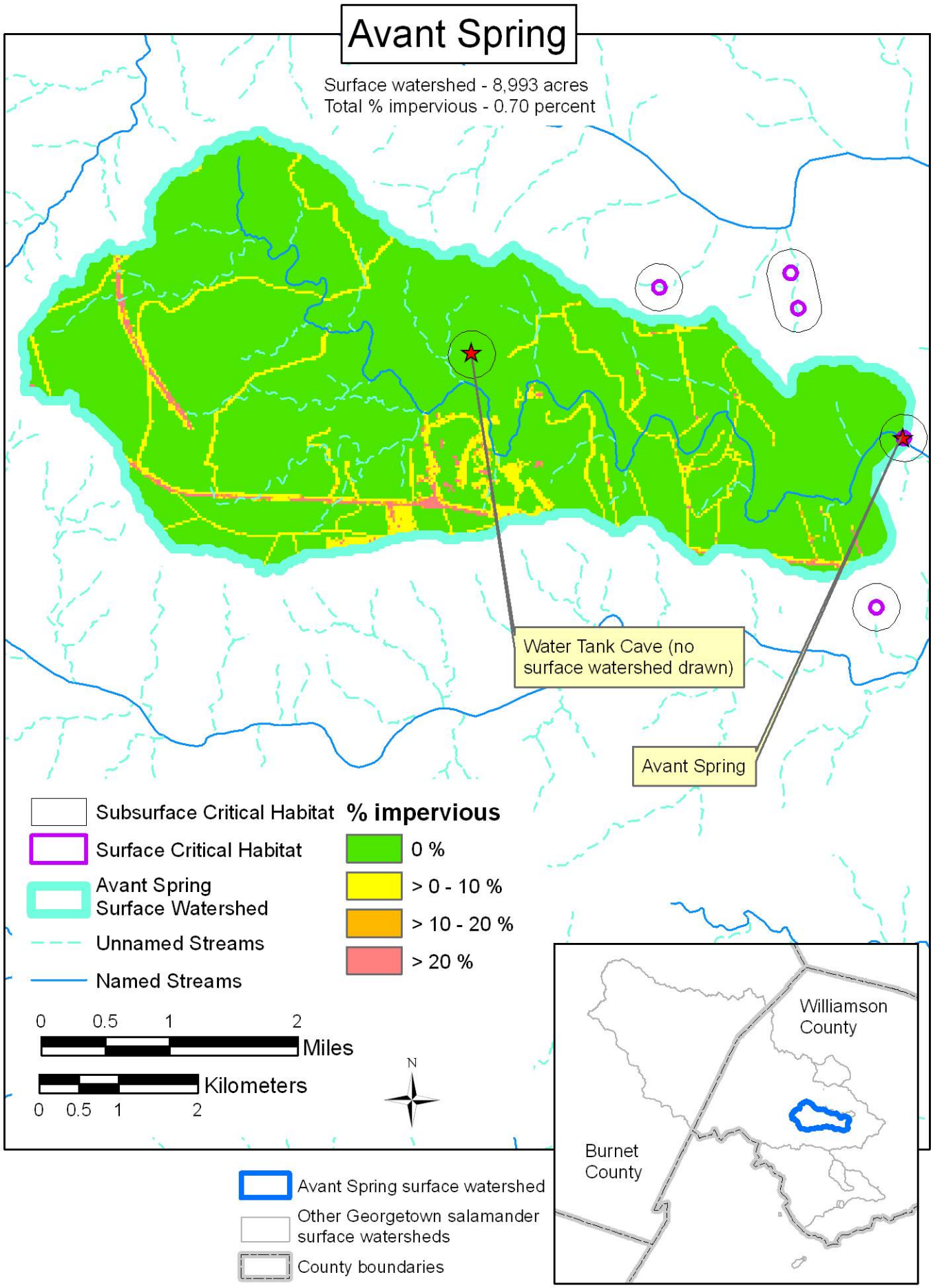
	Acres	Total % imperv
BSS Recharge Zone	56,691	6.88
BSS Contributing Zone	183,573	1.81



Austin Blind Salamander

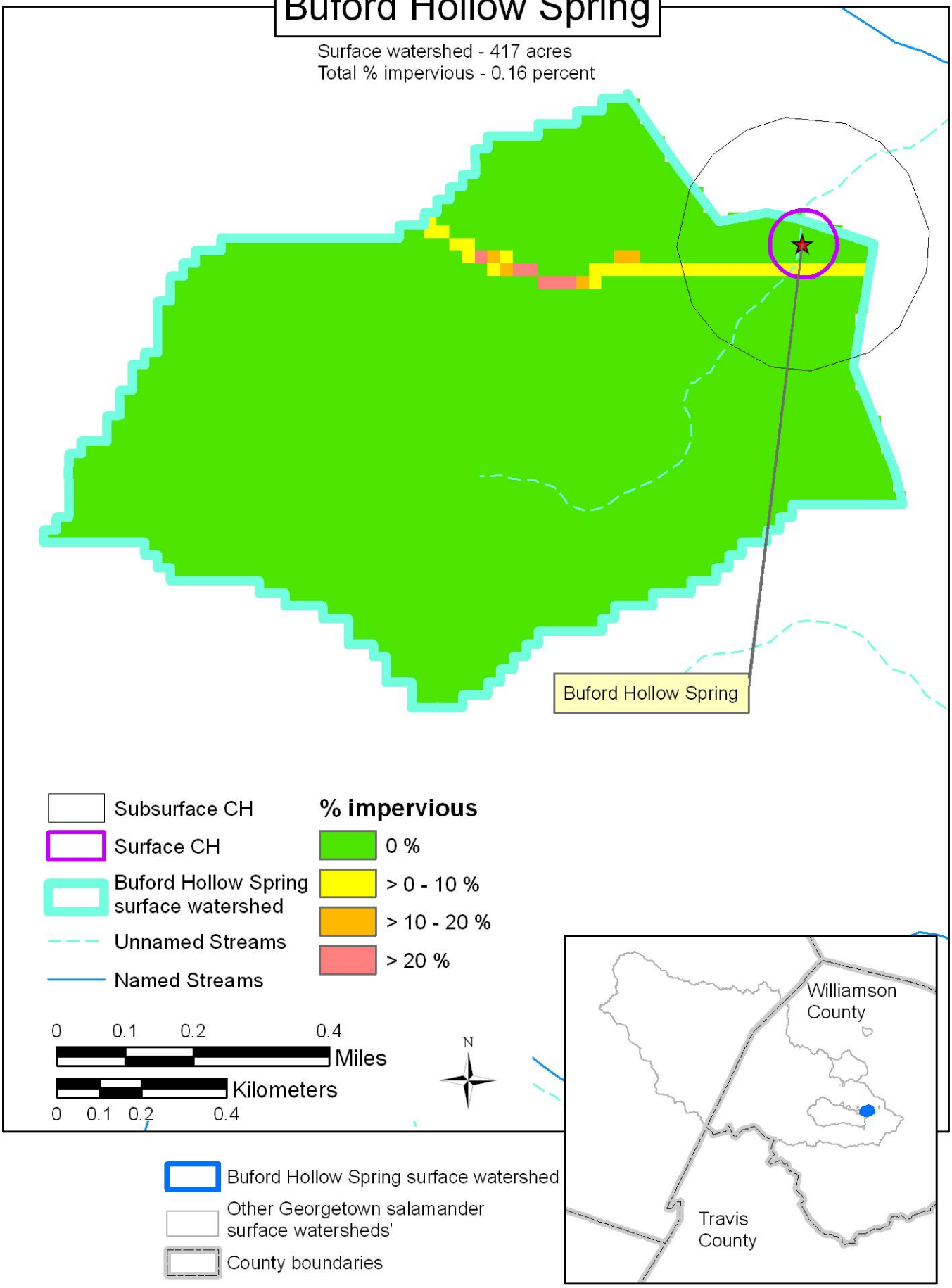
	Acres	Total % imperv
Barton Springs Pool	76,597	3.37
Eliza Pool	76,615	3.37
Sunken Gardens Spring	2	2.86




Avant Spring
Surface watershed - 8,993 acres
Total % impervious - 0.70 percent
Water Tank Cave (no surface watershed drawn)
Avant Spring
Subsurface Critical Habitat
Surface Critical Habitat
Avant Spring Surface Watershed
Unnamed Streams
Named Streams
% impervious
0 %
> 0 - 10 %
> 10 - 20 %
> 20 %
0 0.5 1 2
Miles
Kilometers
0 0.5 1 2
N
Williamson County
Burnet County
Avant Spring surface watershed
Other Georgetown salamander surface watersheds
County boundaries

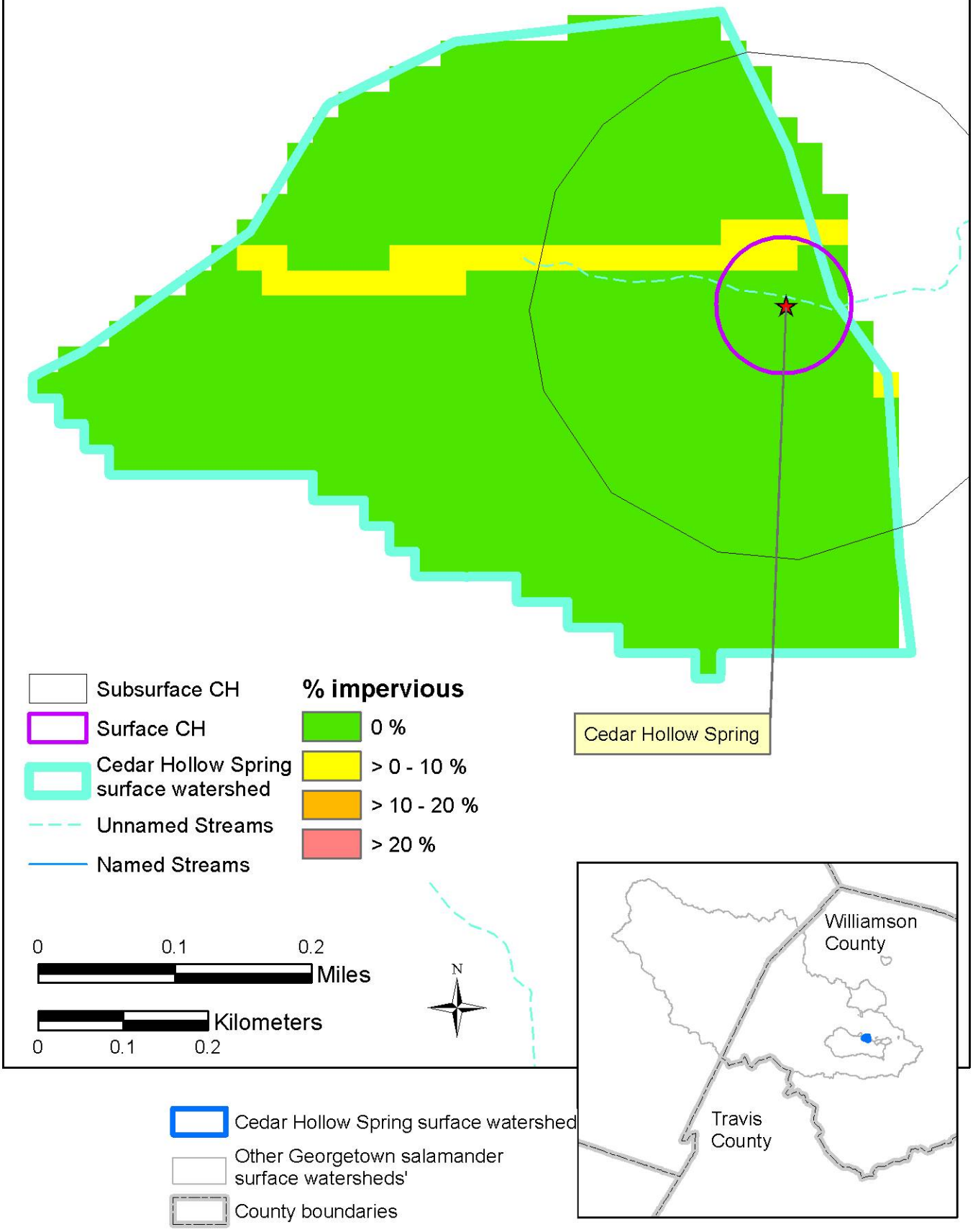
Buford Hollow Spring

Surface watershed - 417 acres
Total % impervious - 0.16 percent

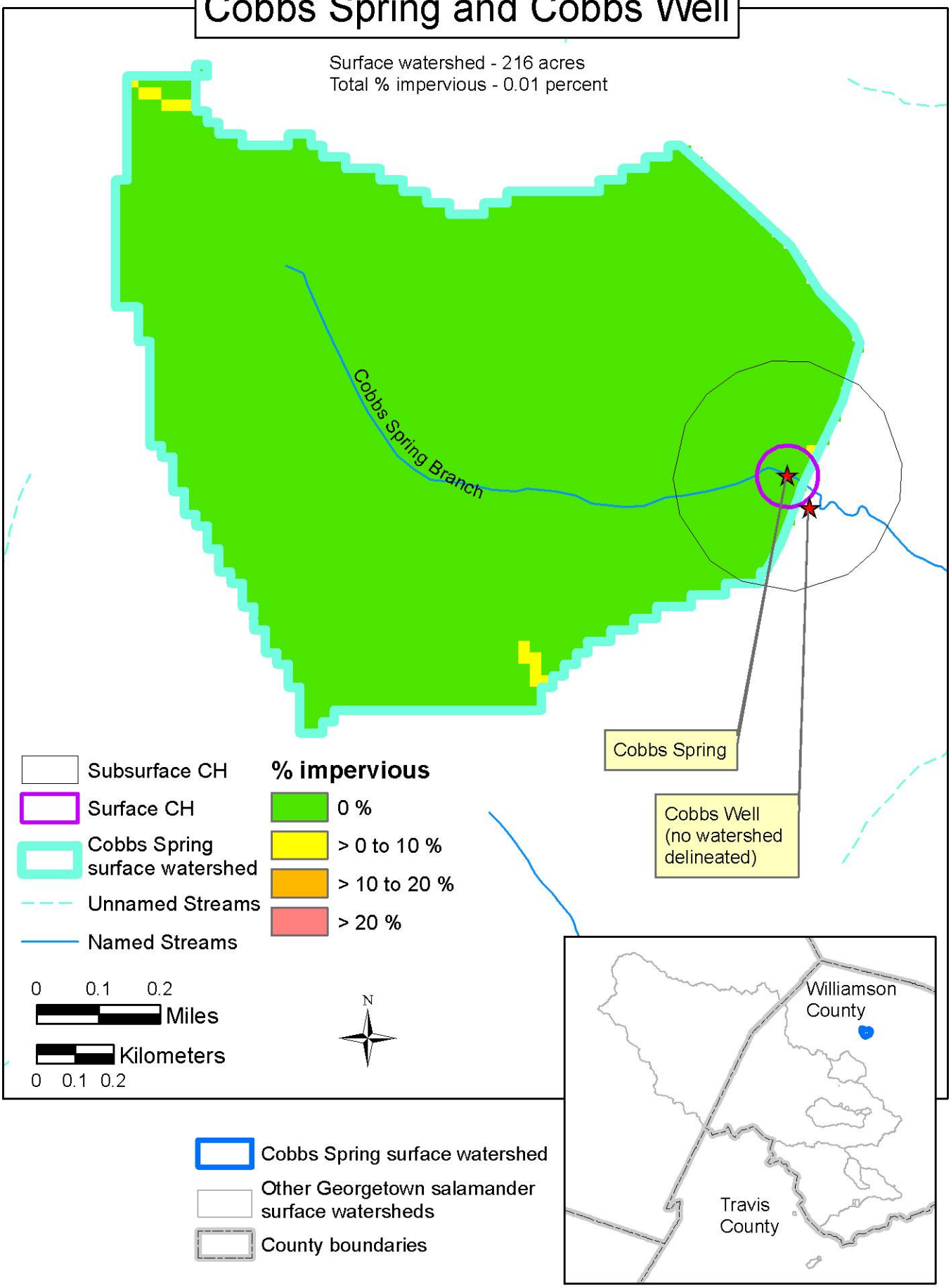


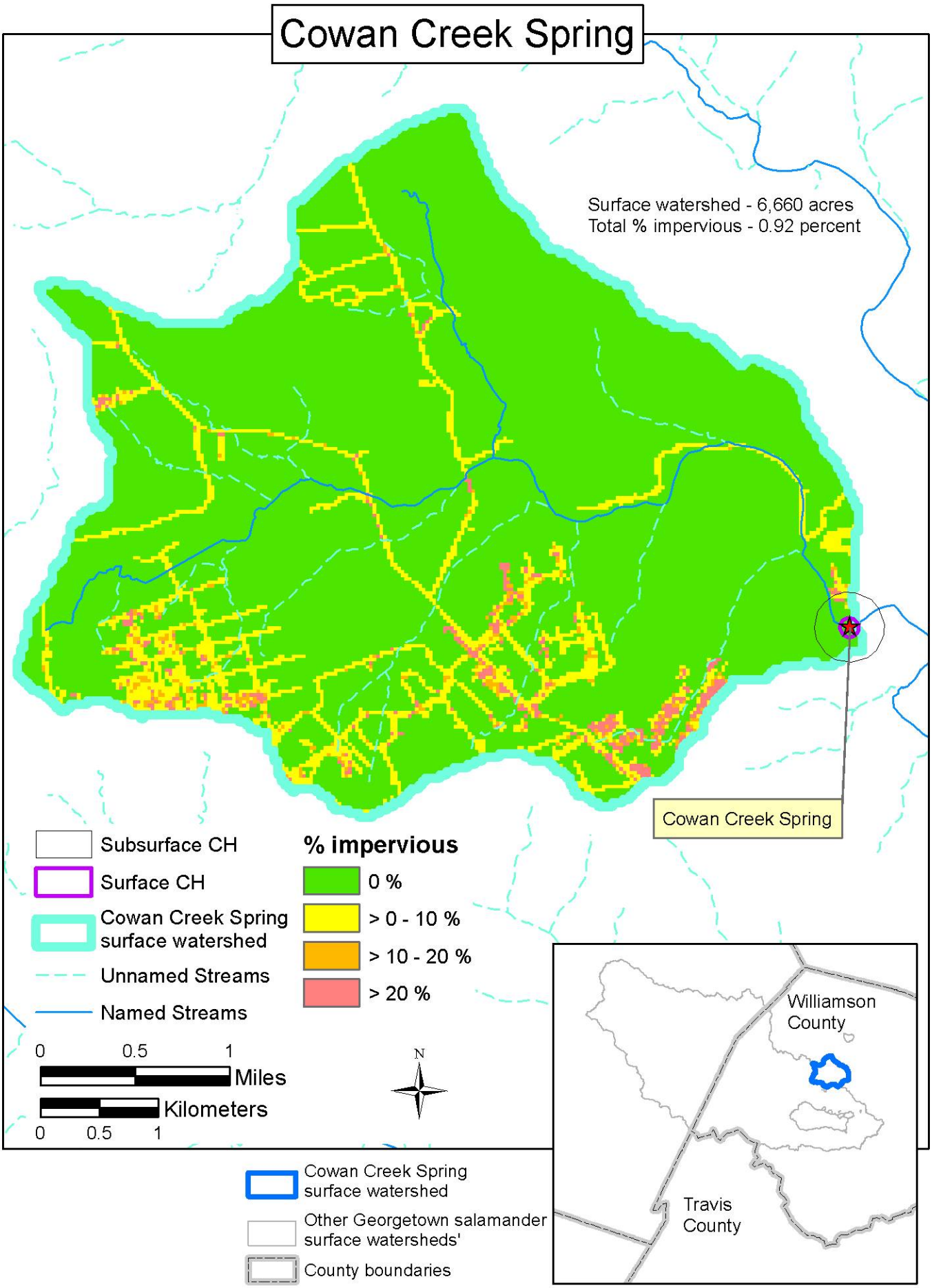
Cedar Hollow Spring

Surface watershed - 121 acres
Total % impervious - 0.08 percent



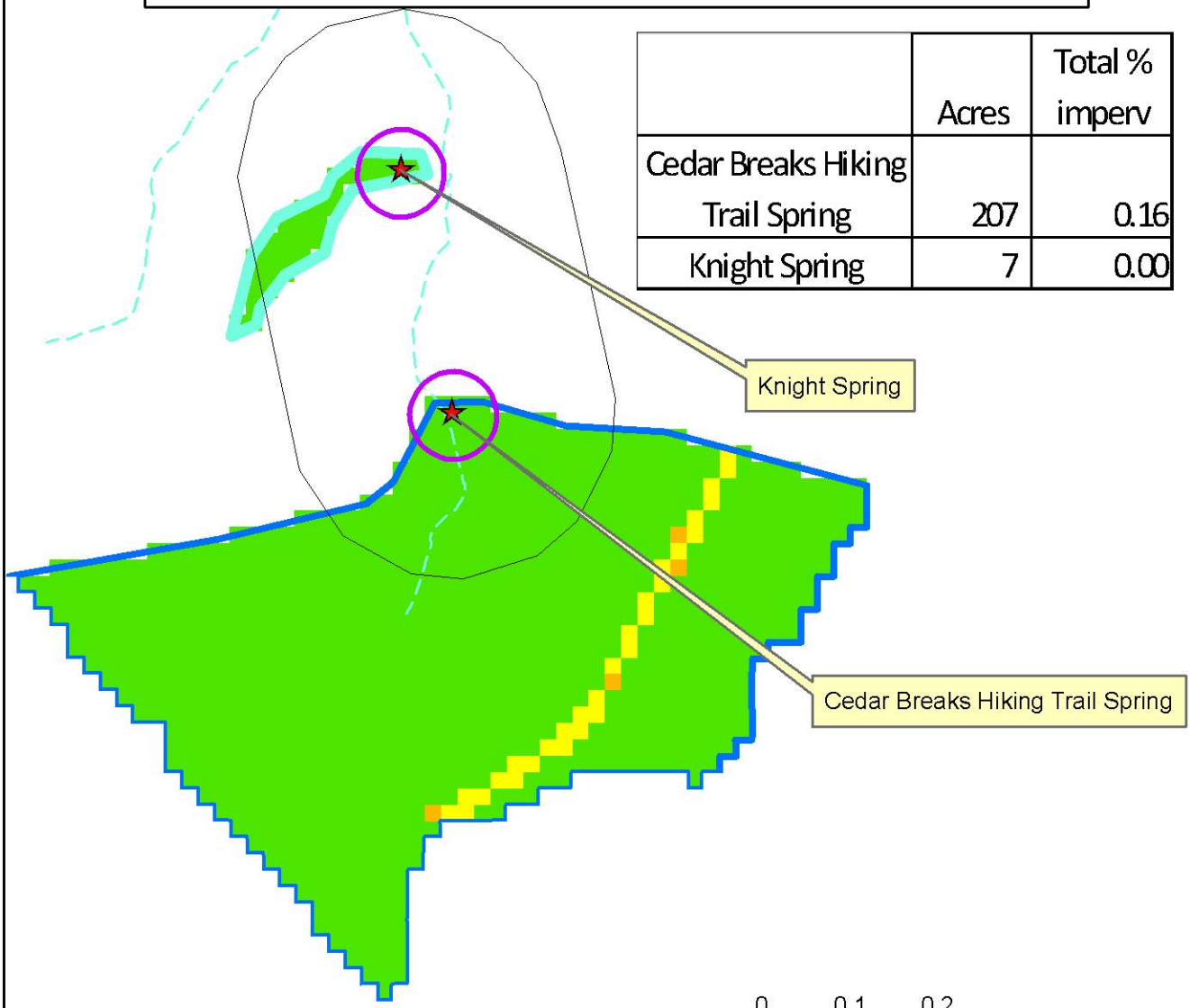
Cobbs Spring and Cobbs Well




Cowan Creek Spring
Surface watershed - 6,660 acres
Total % impervious - 0.92 percent
Cowan Creek Spring
Subsurface CH
Surface CH
Cowan Creek Spring surface watershed
Unnamed Streams
Named Streams
% impervious
0 %
> 0 - 10 %
> 10 - 20 %
> 20 %
0
0.5
1
Miles
Kilometers
0
0.5
1
N
Williamson County
Travis County
Cowan Creek Spring surface watershed
Other Georgetown salamander surface watersheds'
County boundaries

Knight Spring / Cedar Breaks Hiking Trail Spring

	Acres	Total % imperv
Cedar Breaks Hiking Trail Spring	207	0.16
Knight Spring	7	0.00

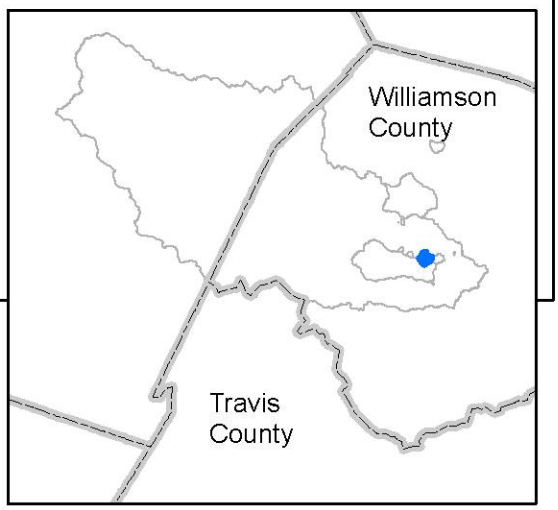


Subsurface CH
Surface CH
Cedar Breaks Hiking Trail Spring surface watershed
Knight Spring surface watershed
Unnamed Streams
Named Streams

% impervious
0 %
> 0 - 10 %
> 10 - 20 %
> 20 %

0 0.1 0.2 Miles
0 0.1 0.2 Kilometers

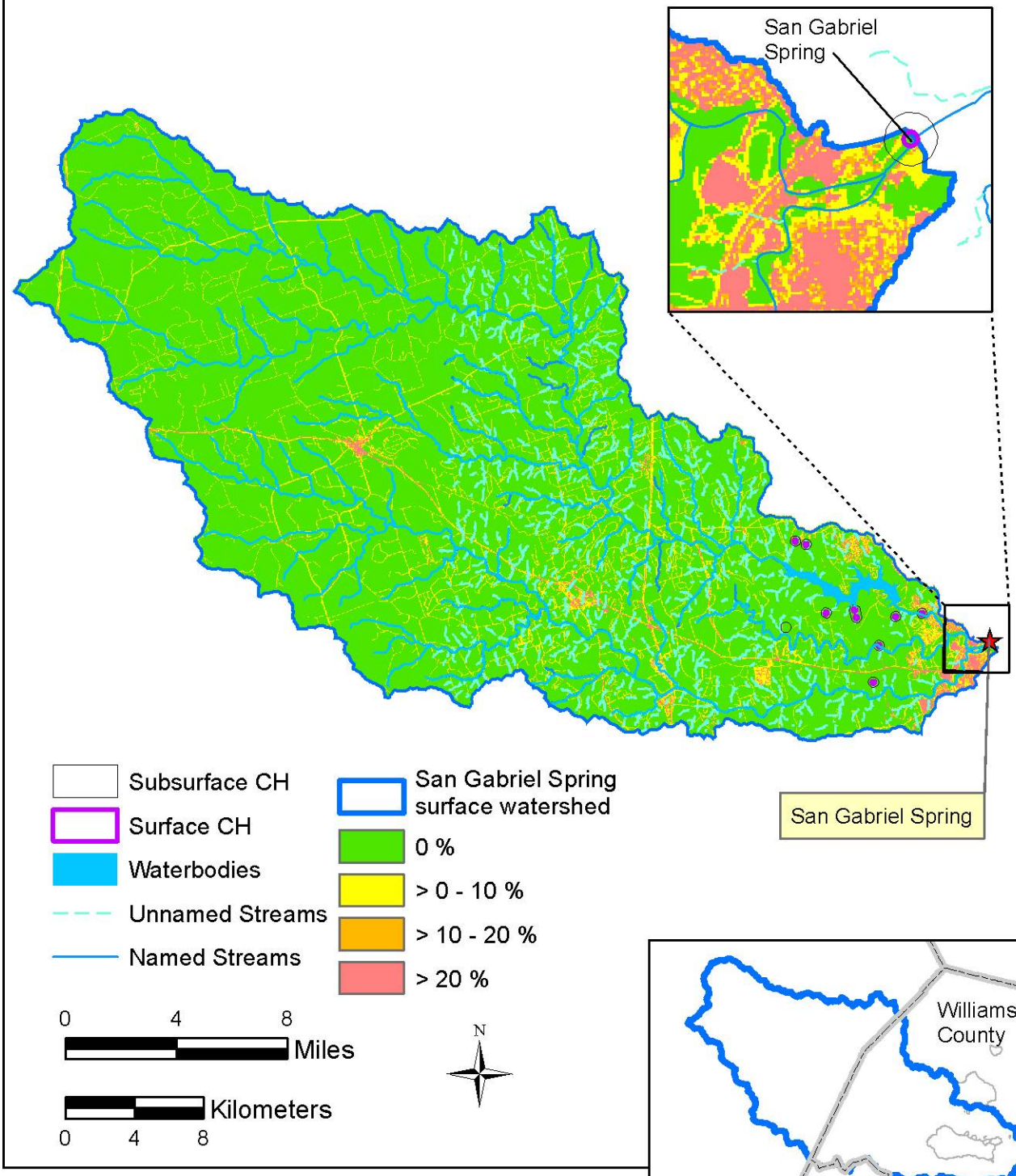
N

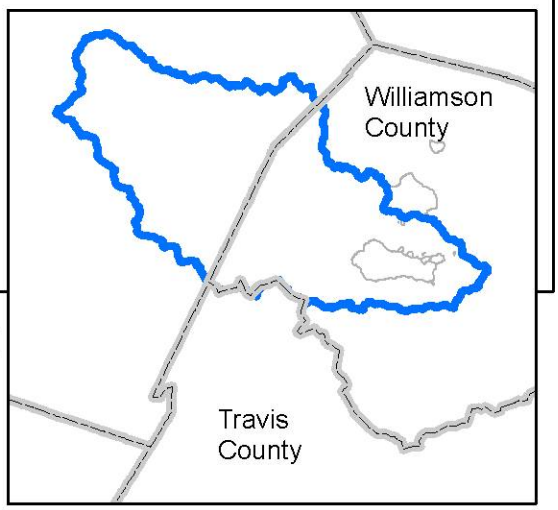


Knight Spring/ Cedar Breaks Hiking Trail Spring surface waterhsheds
Other Georgetown salamander surface watersheds'
County boundaries

San Gabriel Spring

Surface watershed - 258,017 acres
Total % impervious - 0.78 percent





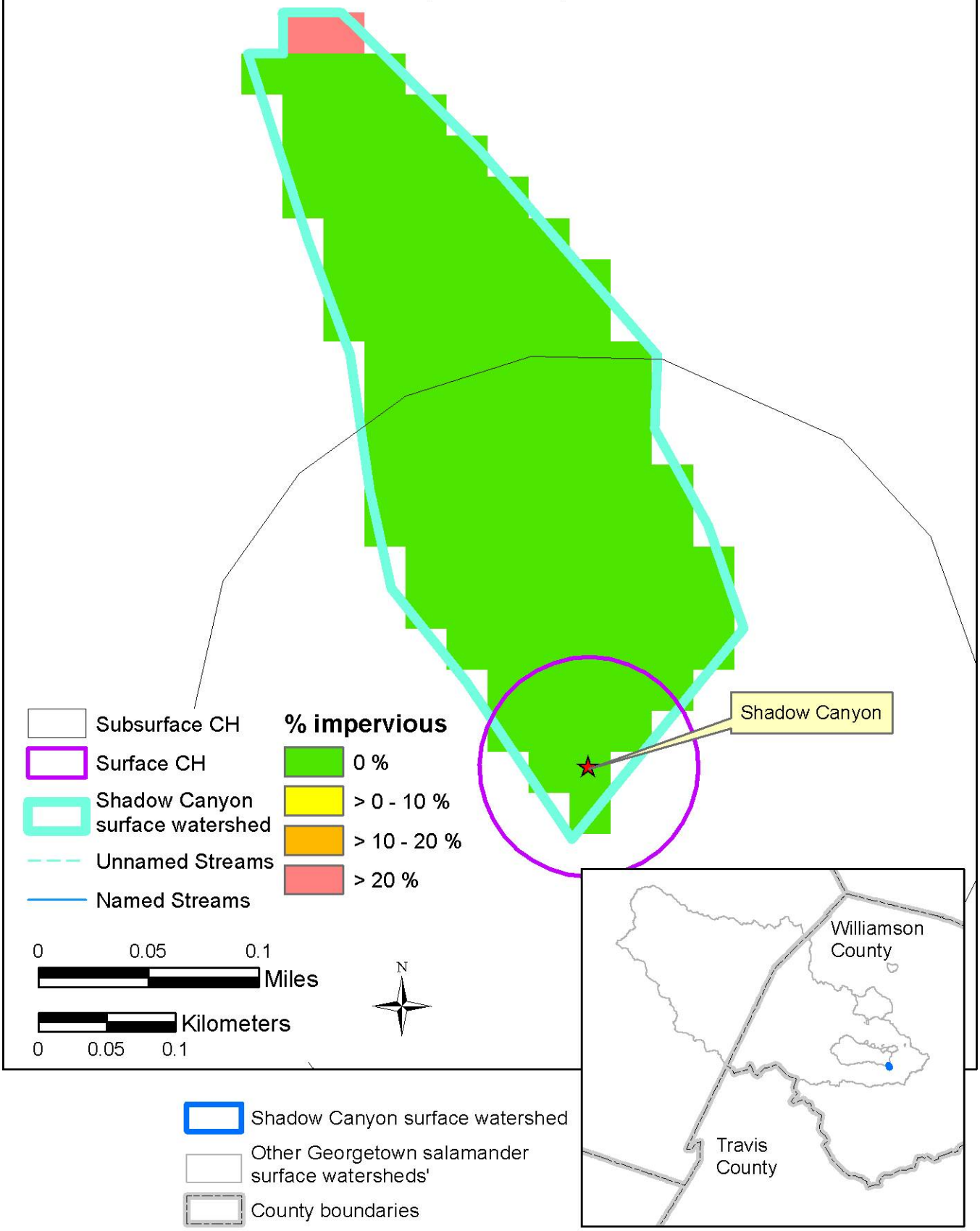
San Gabriel Spring surface watershed

Other Georgetown salamander surface watersheds'

County boundaries

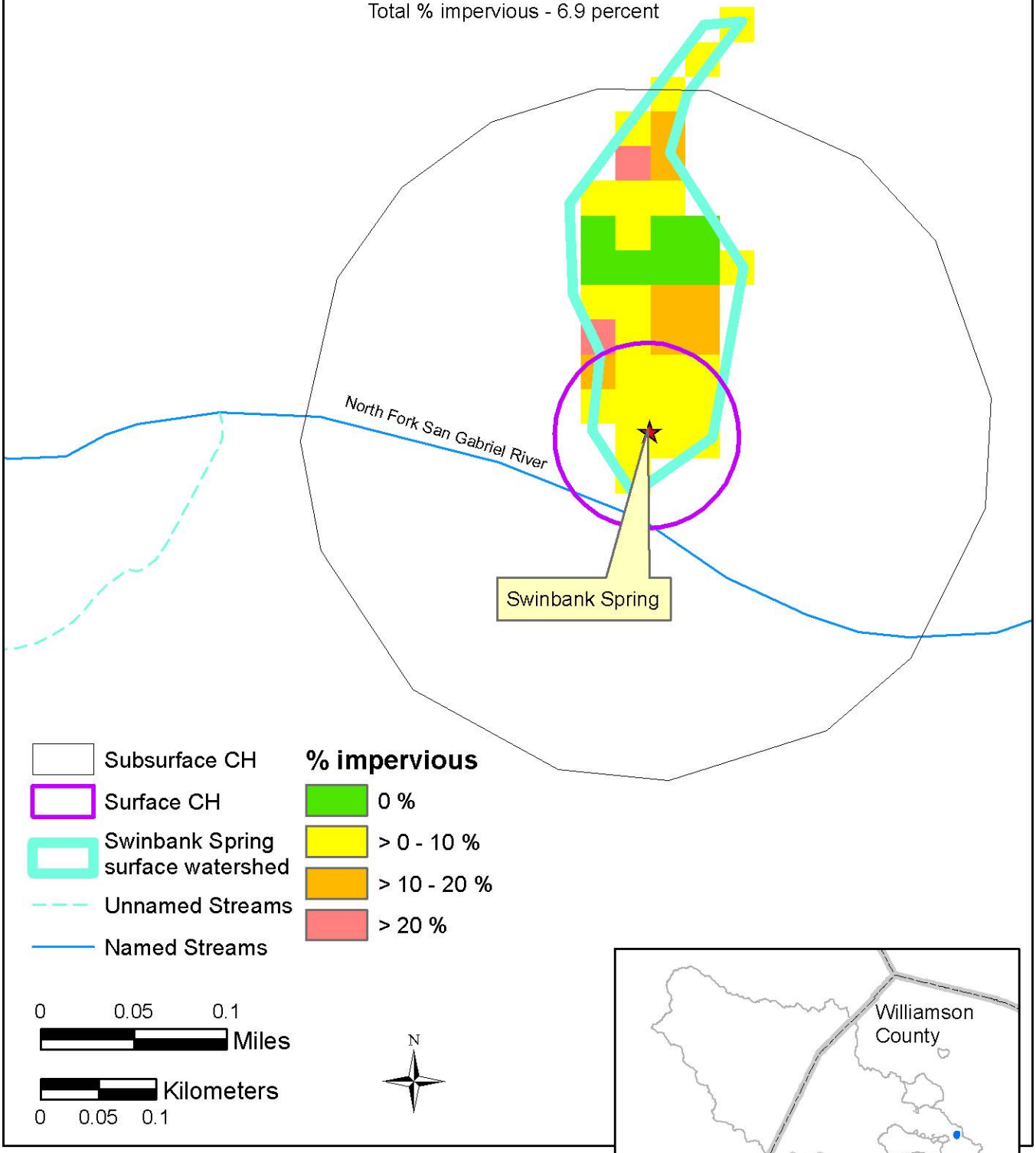
Shadow Canyon

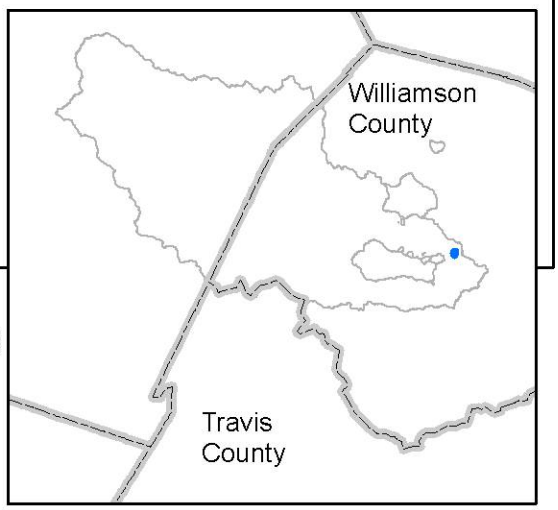
Surface watershed - 25 acres
Total % impervious - 0.74 percent



Swinbank Spring

Surface watershed - 9 acres
Total % impervious - 6.9 percent





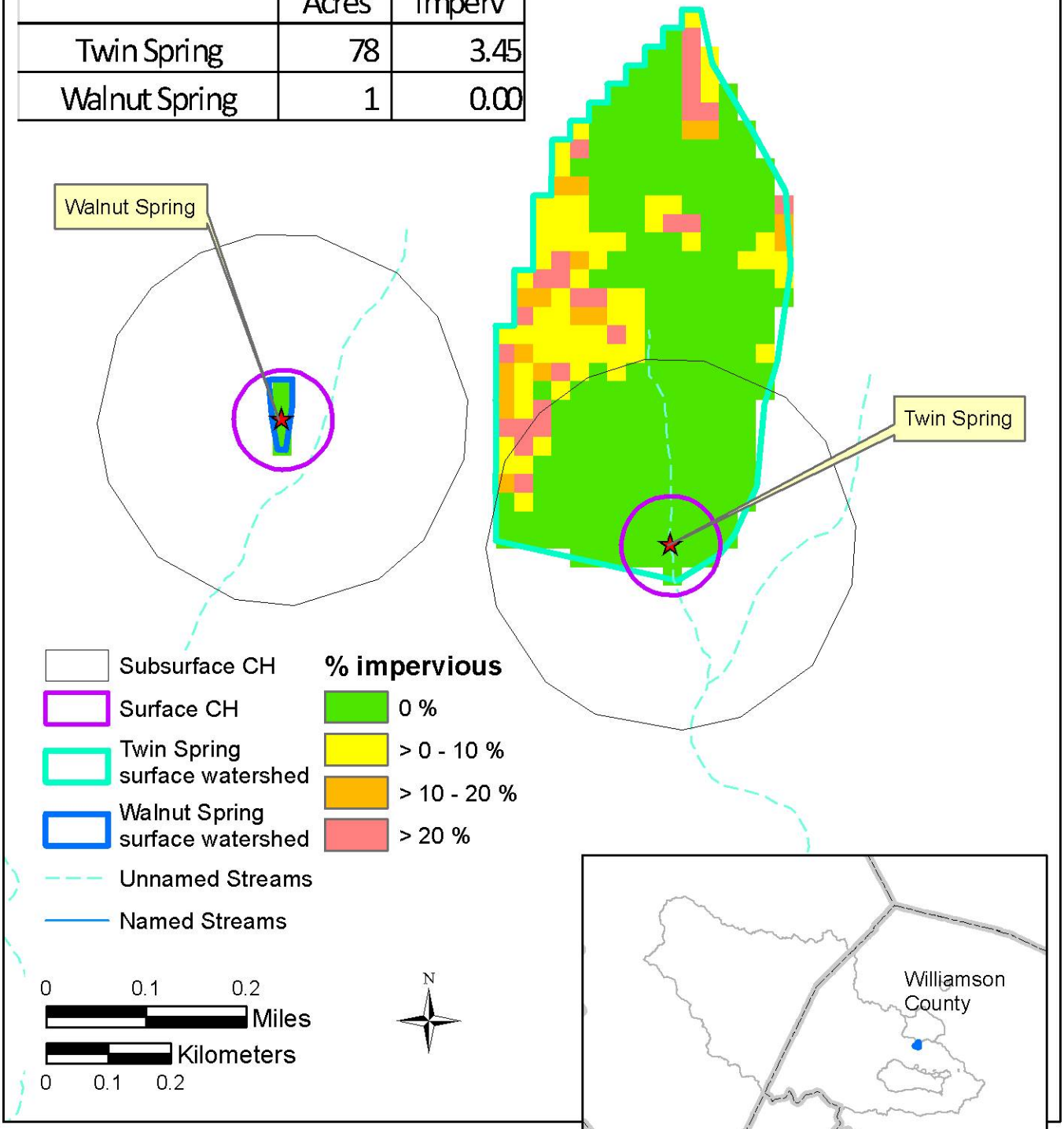
Swinbank Spring surface watershed

Other Georgetown salamander surface watersheds'

County boundaries

Walnut Spring and Twin Spring

	Acres	Total % imperv
Twin Spring	78	3.45
Walnut Spring	1	0.00



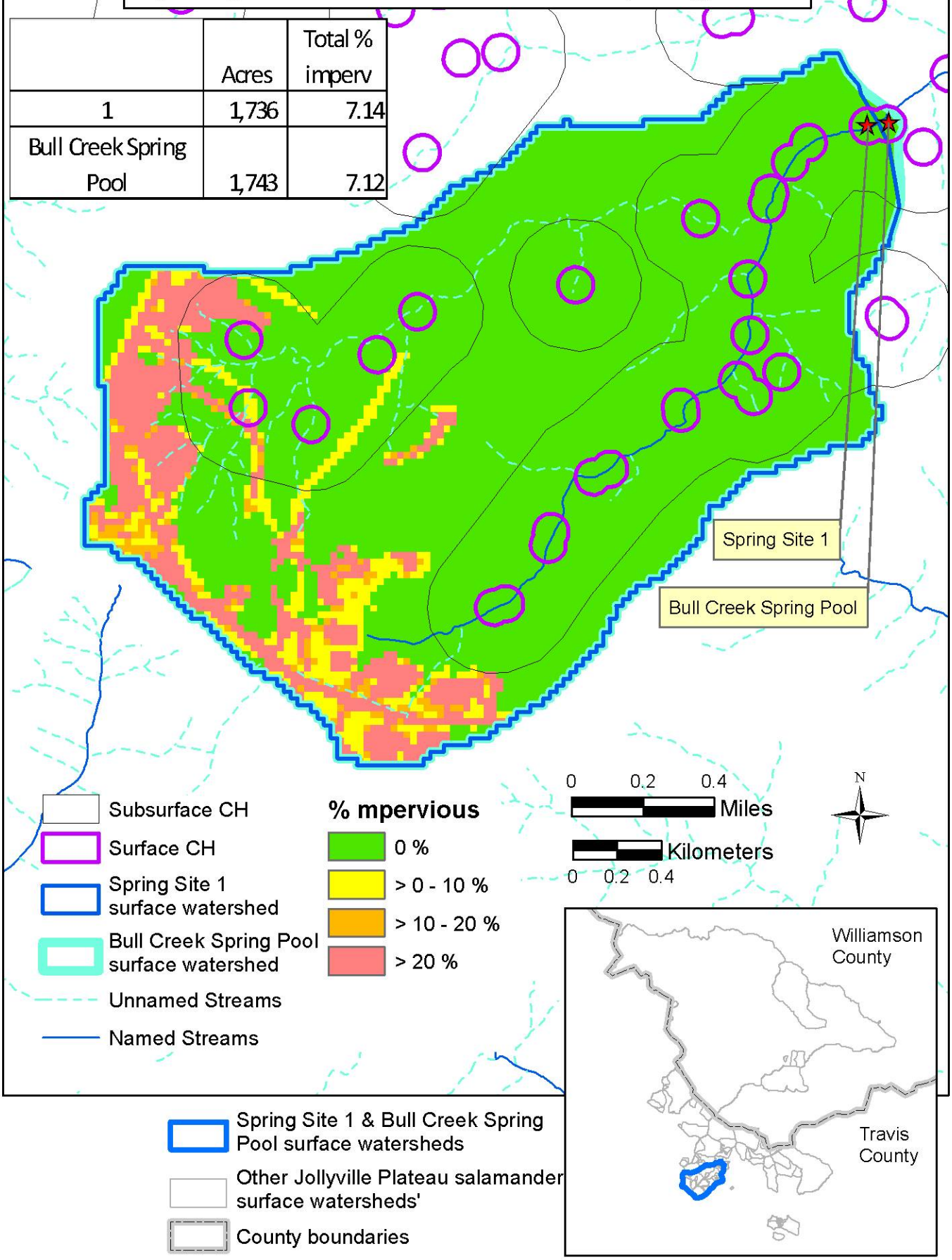
Walnut and Twin Springs surface watersheds

Other Georgetown salamander surface watersheds'

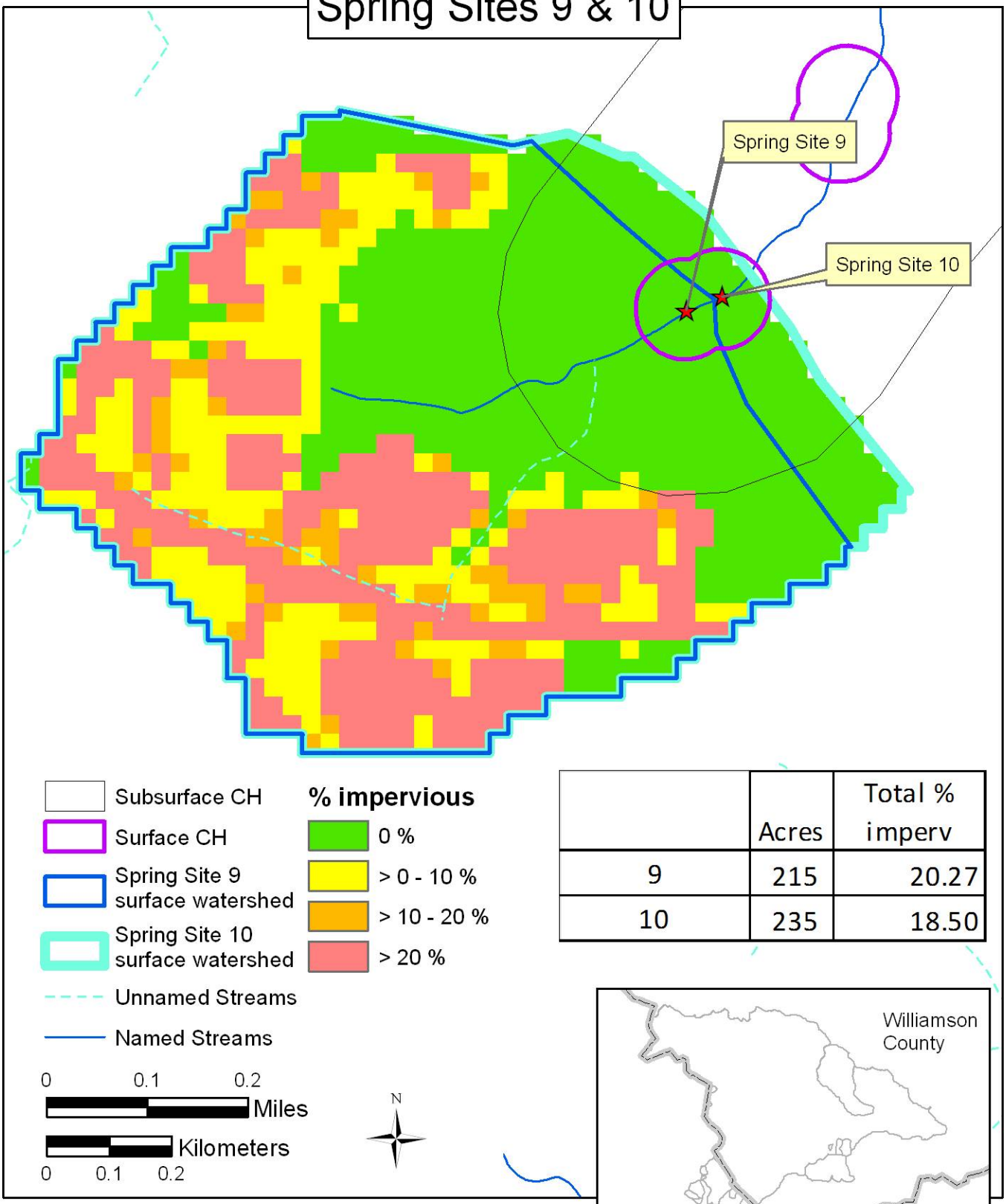
County boundaries

Spring Site 1 & Bull Creek Spring Pool

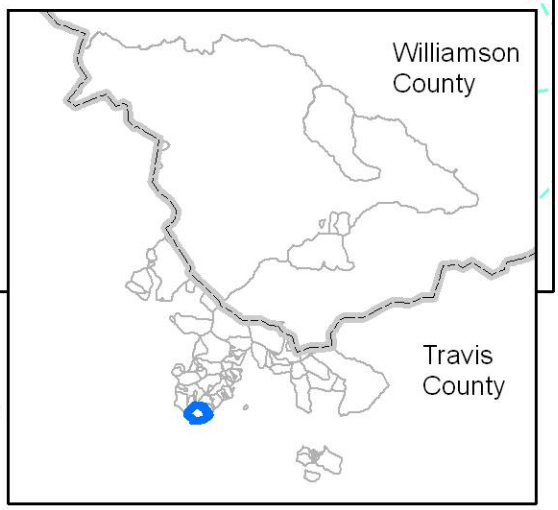
	Acres	Total % imperv
1	1,736	7.14
Bull Creek Spring Pool	1,743	7.12



Spring Sites 9 & 10



	Acres	Total % imperv
9	215	20.27
10	235	18.50

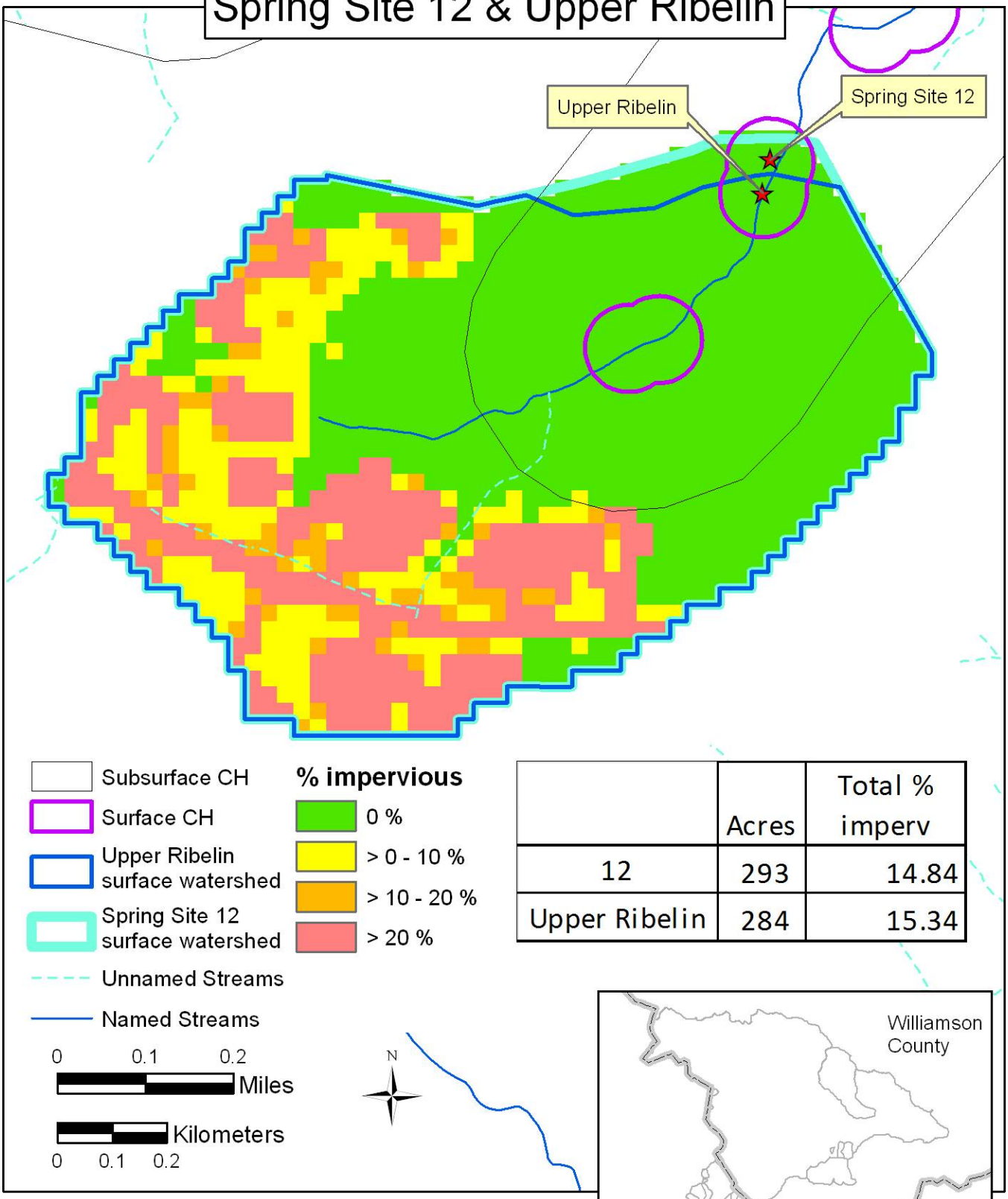


Spring Sites 9 & 10 surface watersheds

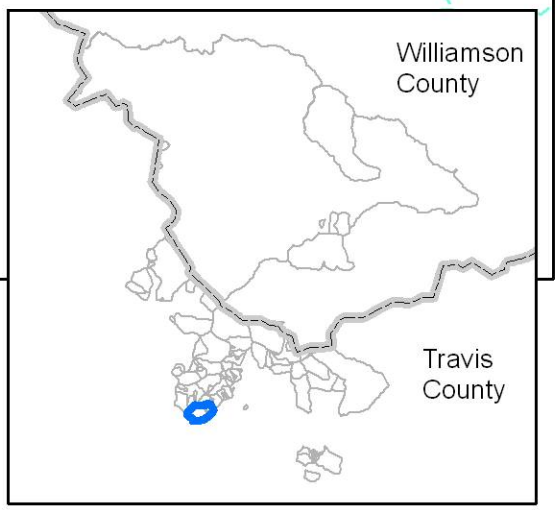
Other Jollyville Plateau salamander surface watersheds'

County boundaries

Spring Site 12 & Upper Ribelin



	Acres	Total % imperv
12	293	14.84
Upper Ribelin	284	15.34

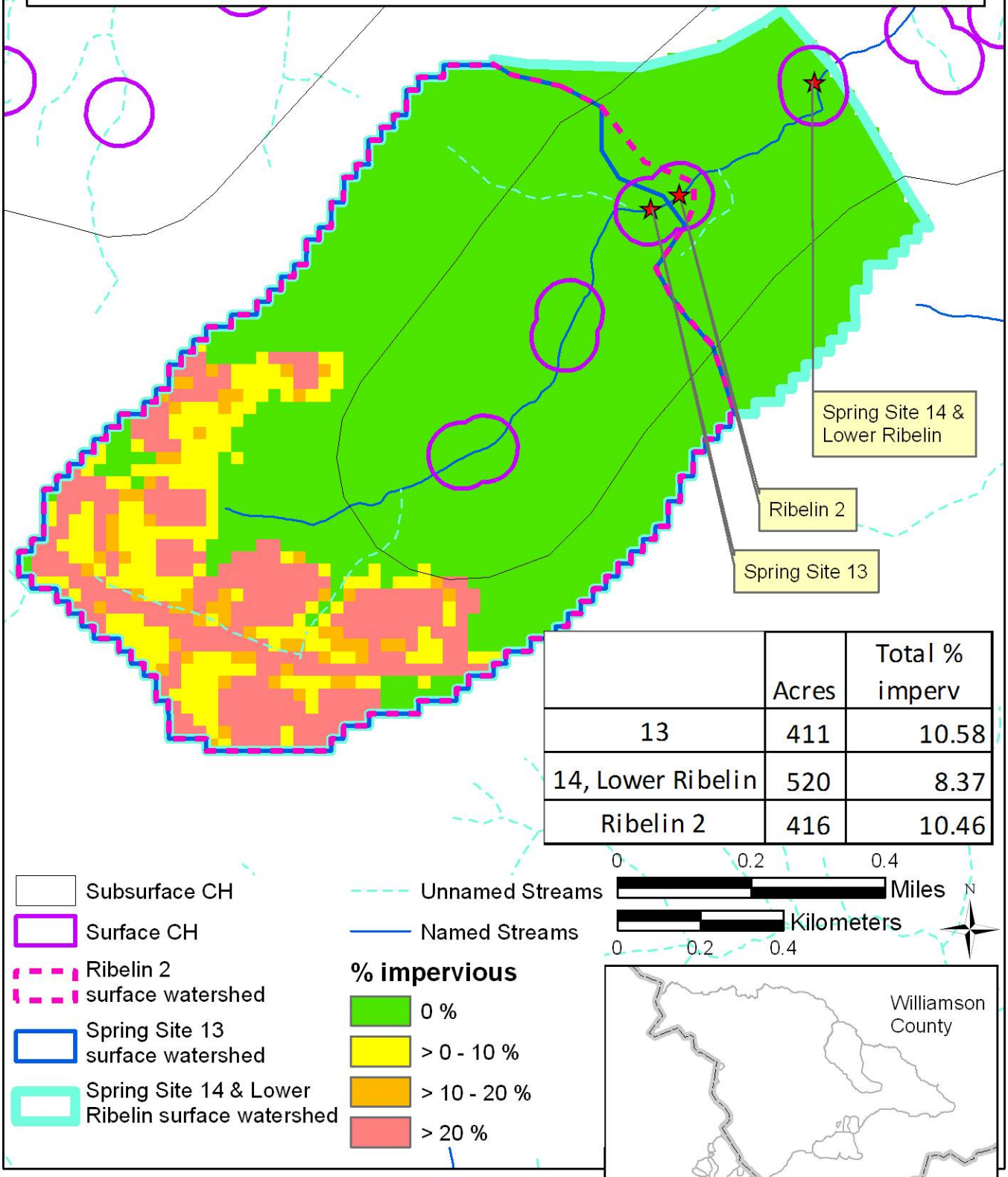


Spring Site 12 & Upper Ribelin surface watersheds

Other Jollyville Plateau salamander surface watersheds'

County boundaries

Spring Site 13, Spring Site 14 / Lower Ribelin, and Ribelin 2



	Acres	Total % imperv
13	411	10.58
14, Lower Ribelin	520	8.37
Ribelin 2	416	10.46

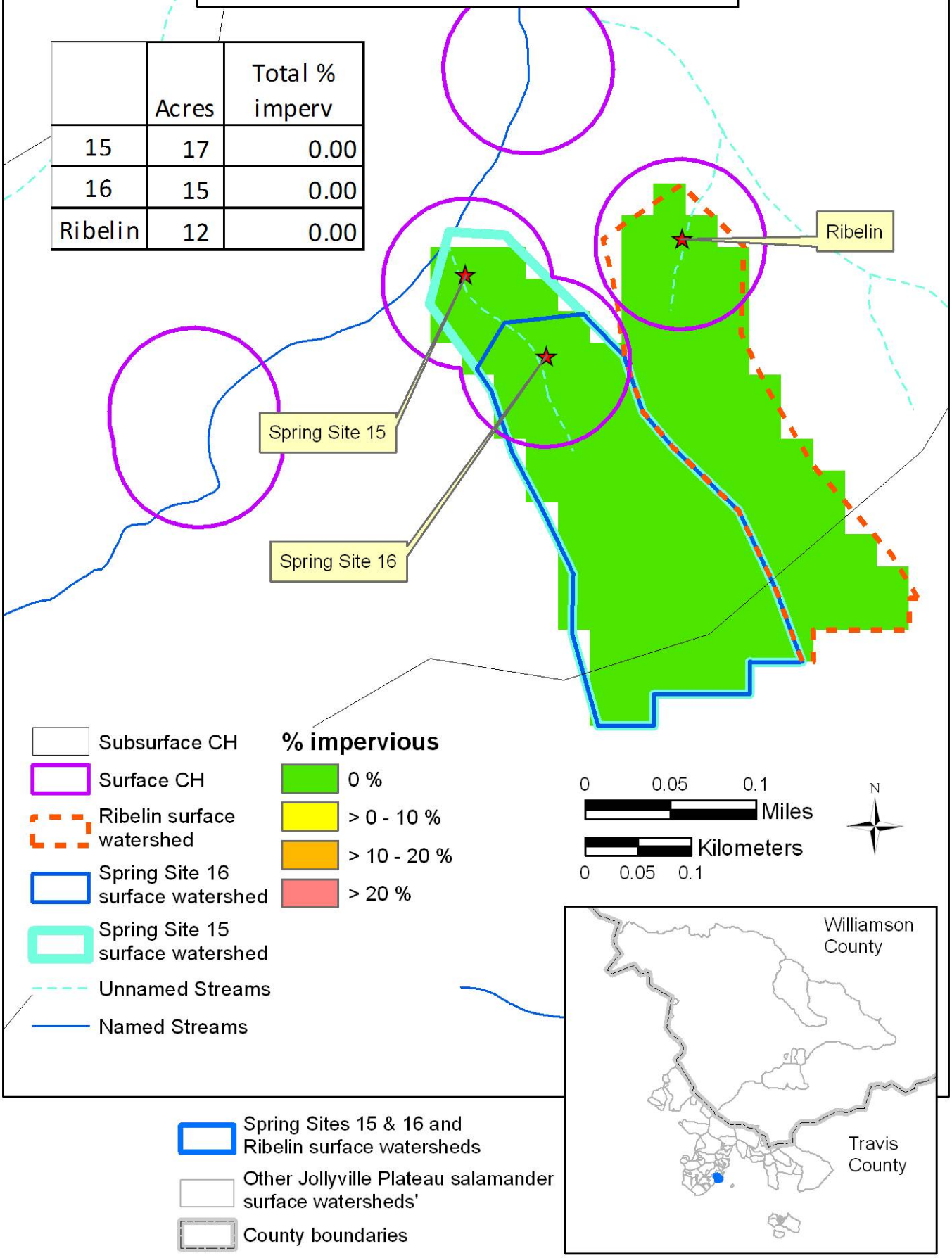
Spring Site 14 / Lower Ribelin, Ribelin 2 and Spring Site 13 surface watersheds

Other Jollyville Plateau salamander surface watersheds'

County boundaries

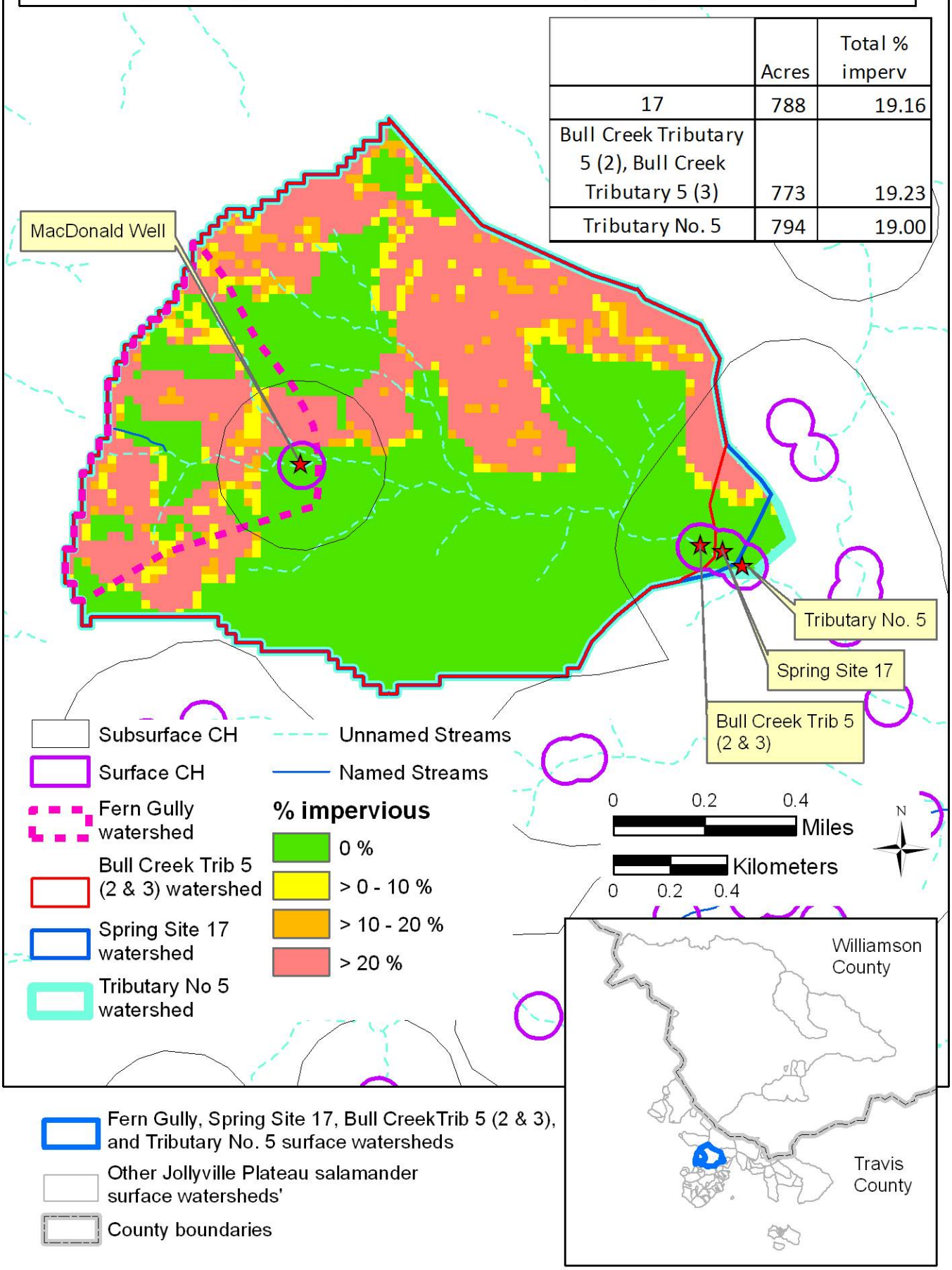
Spring Sites 15 & 16 & Ribelin

	Acres	Total % imperv
15	17	0.00
16	15	0.00
Ribelin	12	0.00



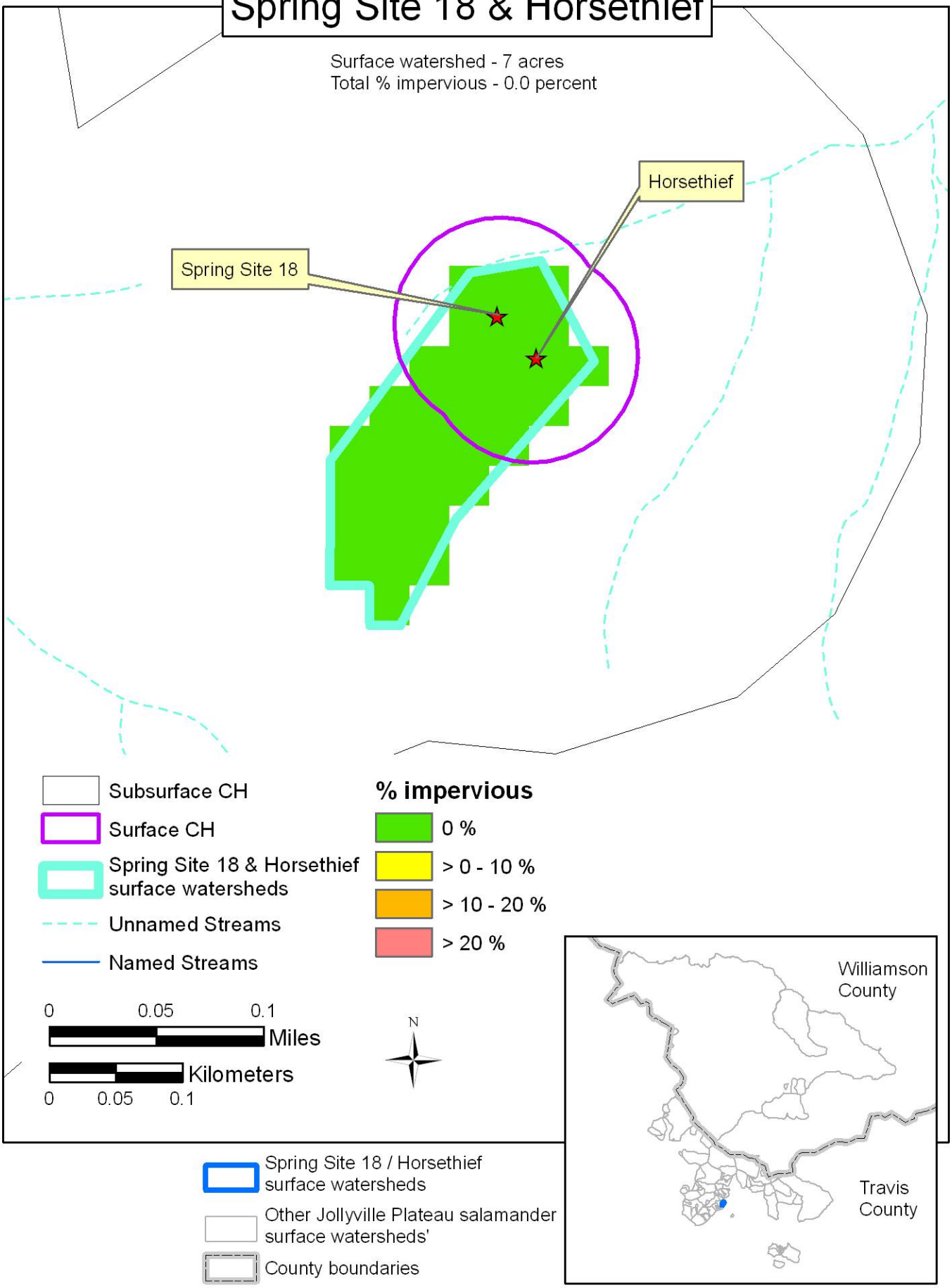
Fern Gully, Spring Site 17, Bull Creek Trib 5 (2 & 3) and Tributary No. 5

	Acres	Total % imperv
17	788	19.16
Bull Creek Tributary 5 (2), Bull Creek Tributary 5 (3)	773	19.23
Tributary No. 5	794	19.00

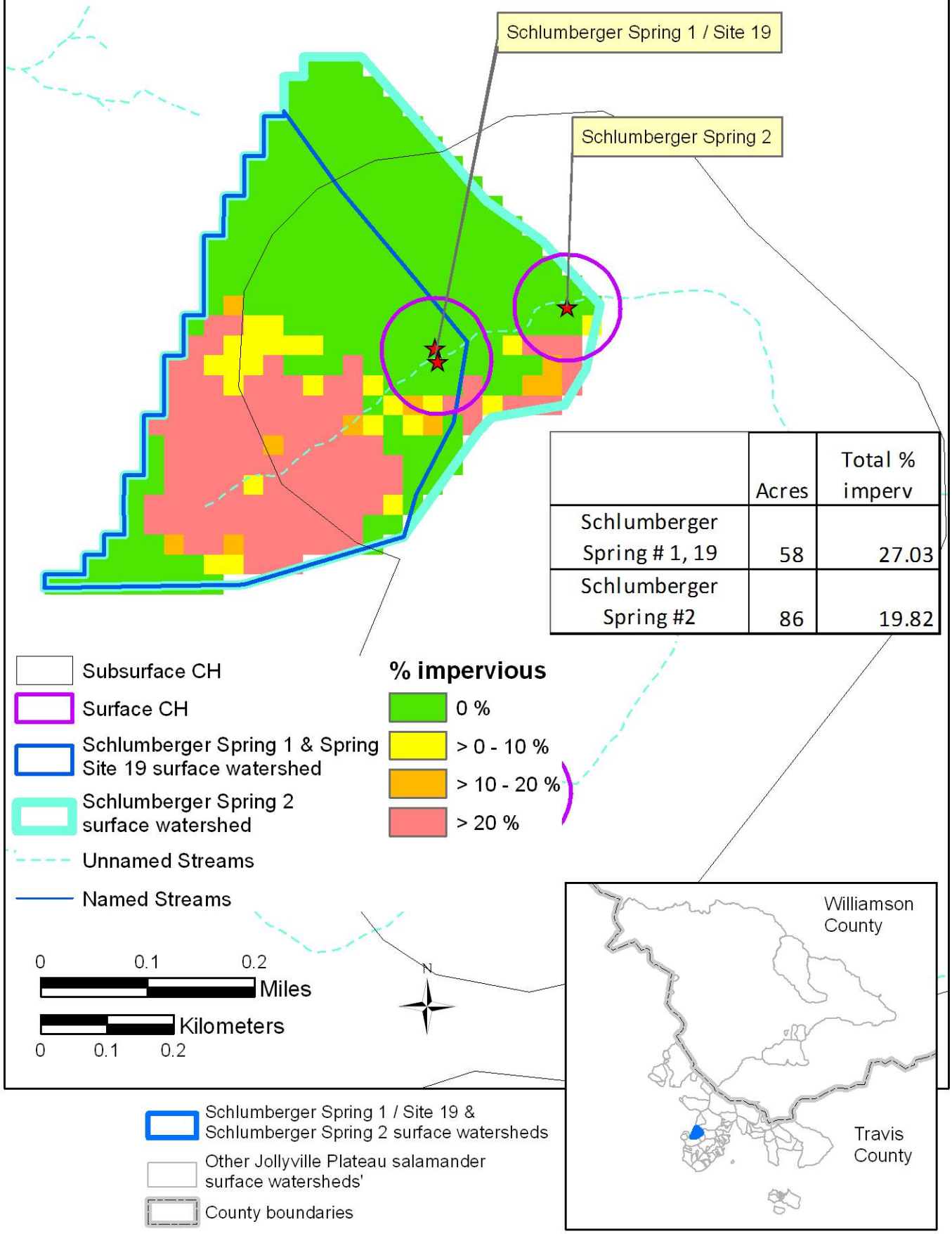


Spring Site 18 & Horsethief

Surface watershed - 7 acres
Total % impervious - 0.0 percent



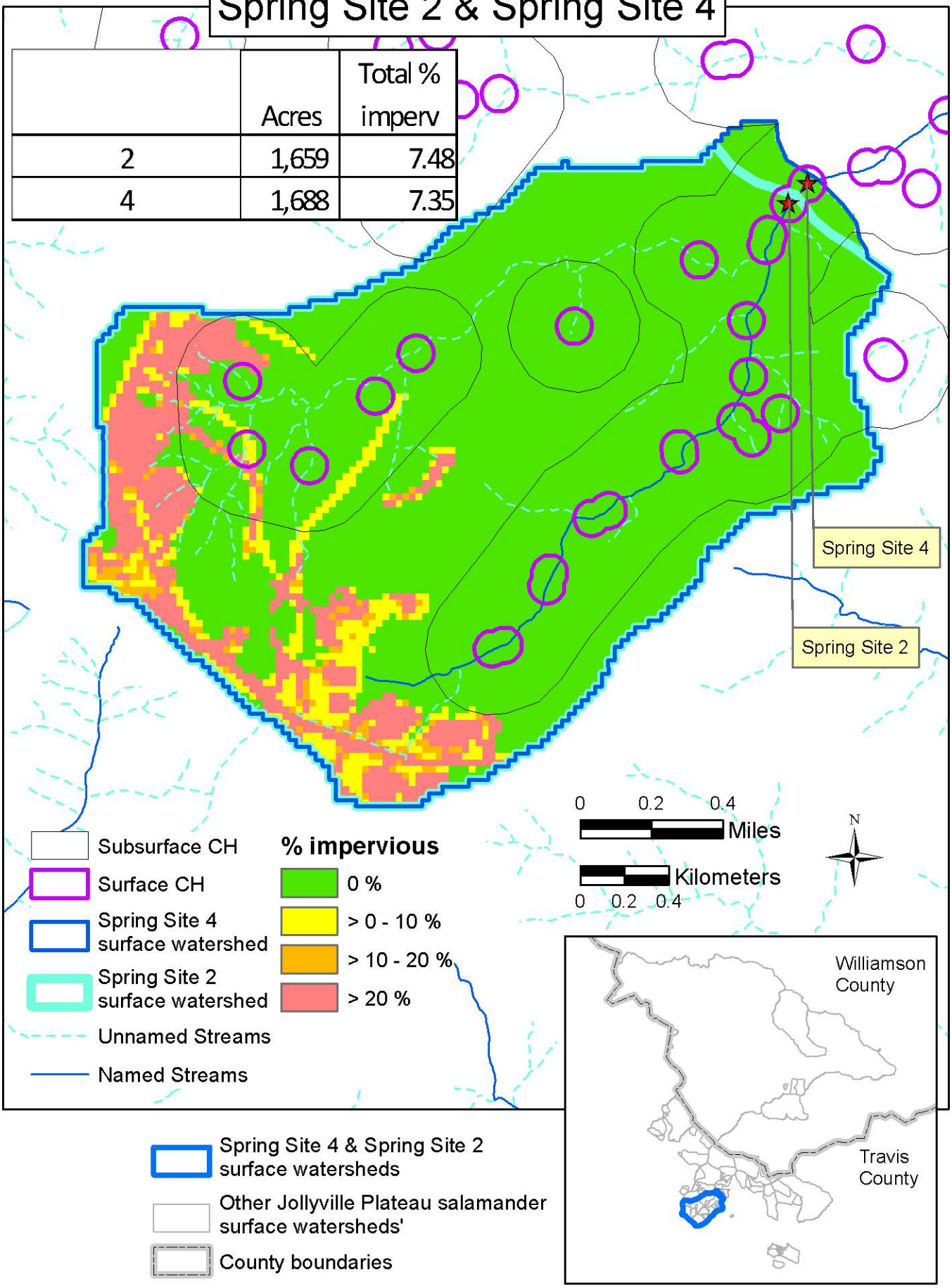
Schlumberger Spring 1 / Site 19 and Schlumberger Spring 2



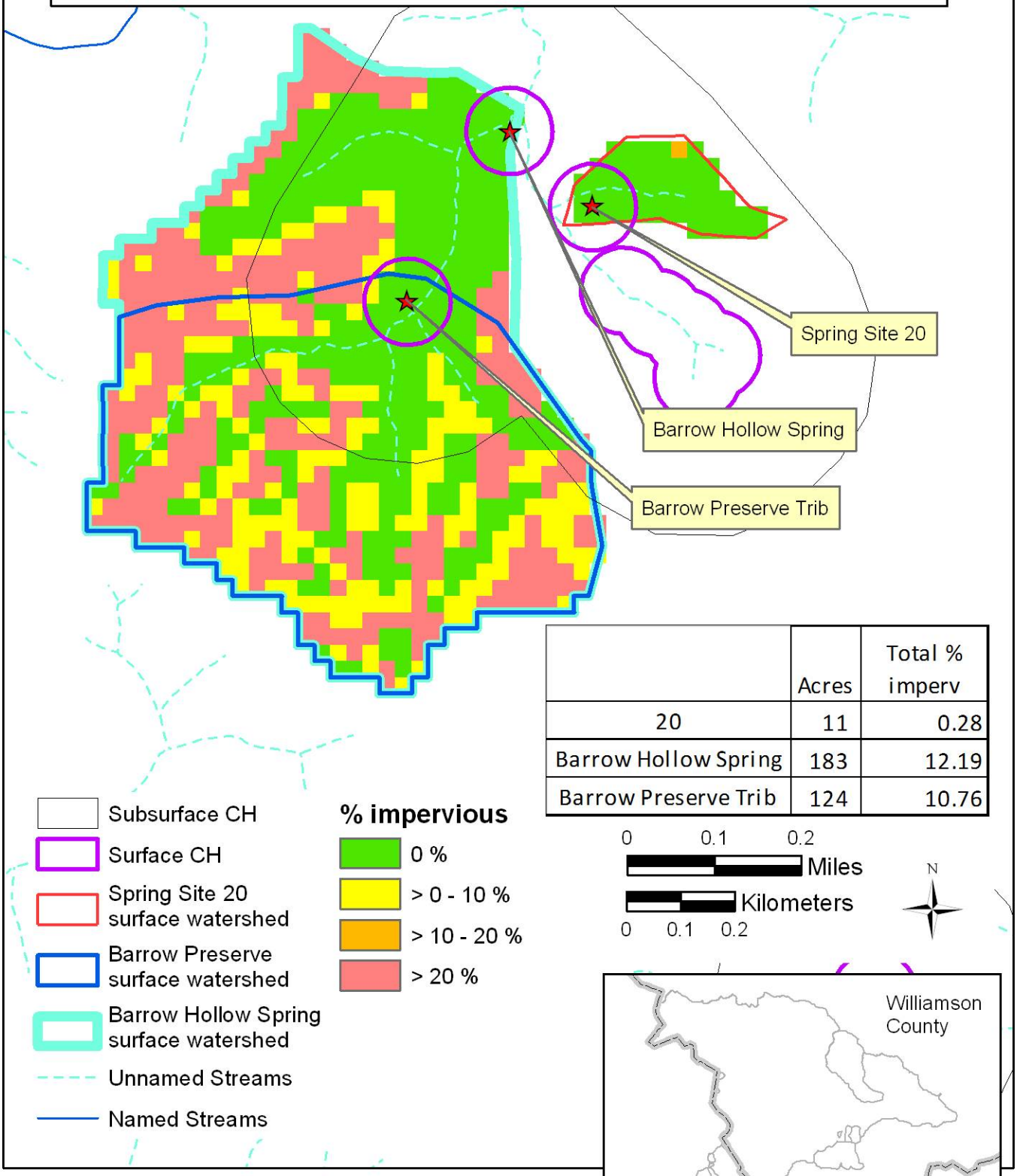
	Acres	Total % imperv
Schlumberger Spring # 1, 19	58	27.03
Schlumberger Spring #2	86	19.82

Spring Site 2 & Spring Site 4

	Acres	Total % imperv
2	1,659	7.48
4	1,688	7.35



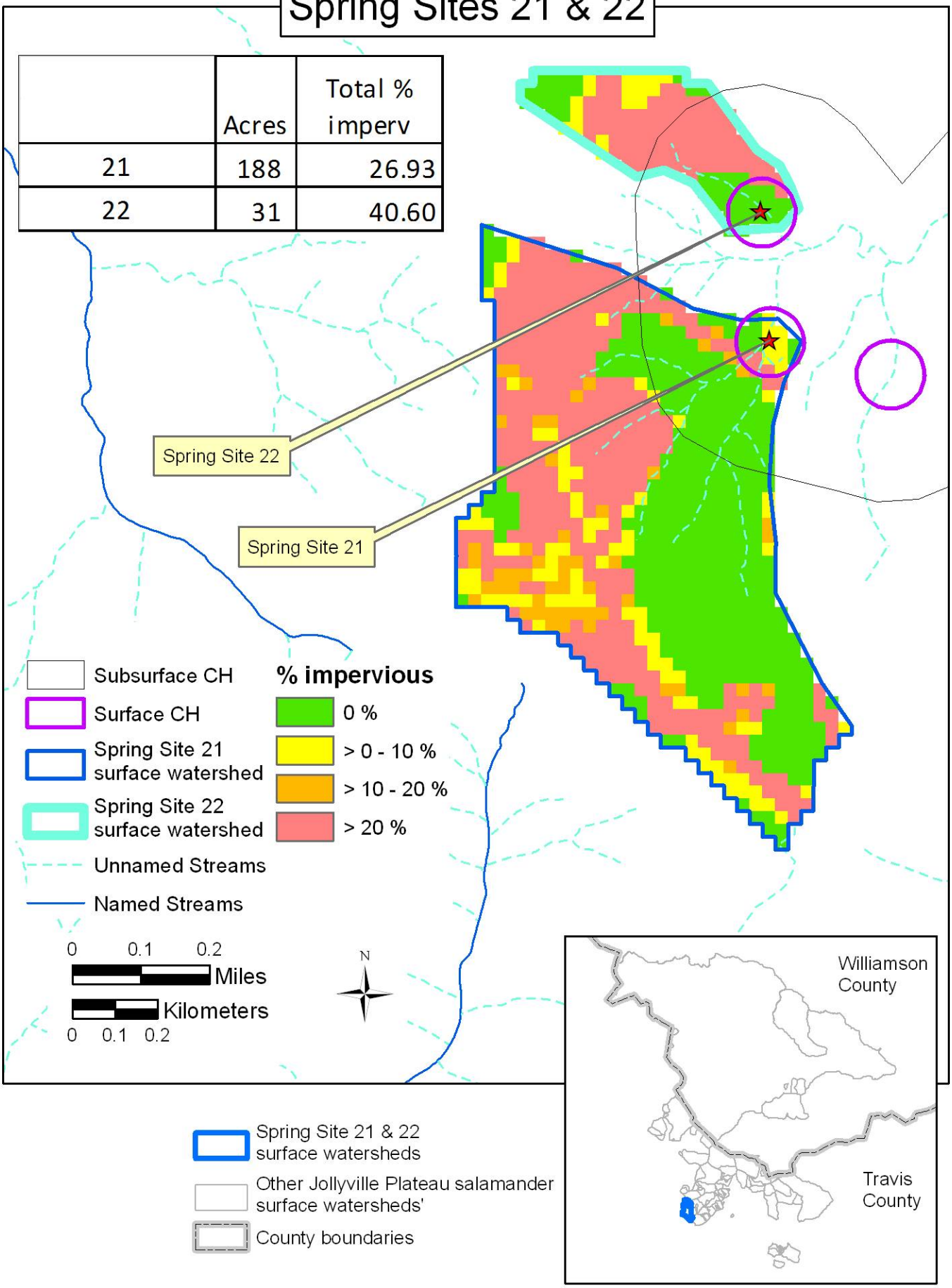
Spring Site 20, Barrow Preserve, Barrow Hollow Spring



	Acres	Total % imperv
20	11	0.28
Barrow Hollow Spring	183	12.19
Barrow Preserve Trib	124	10.76

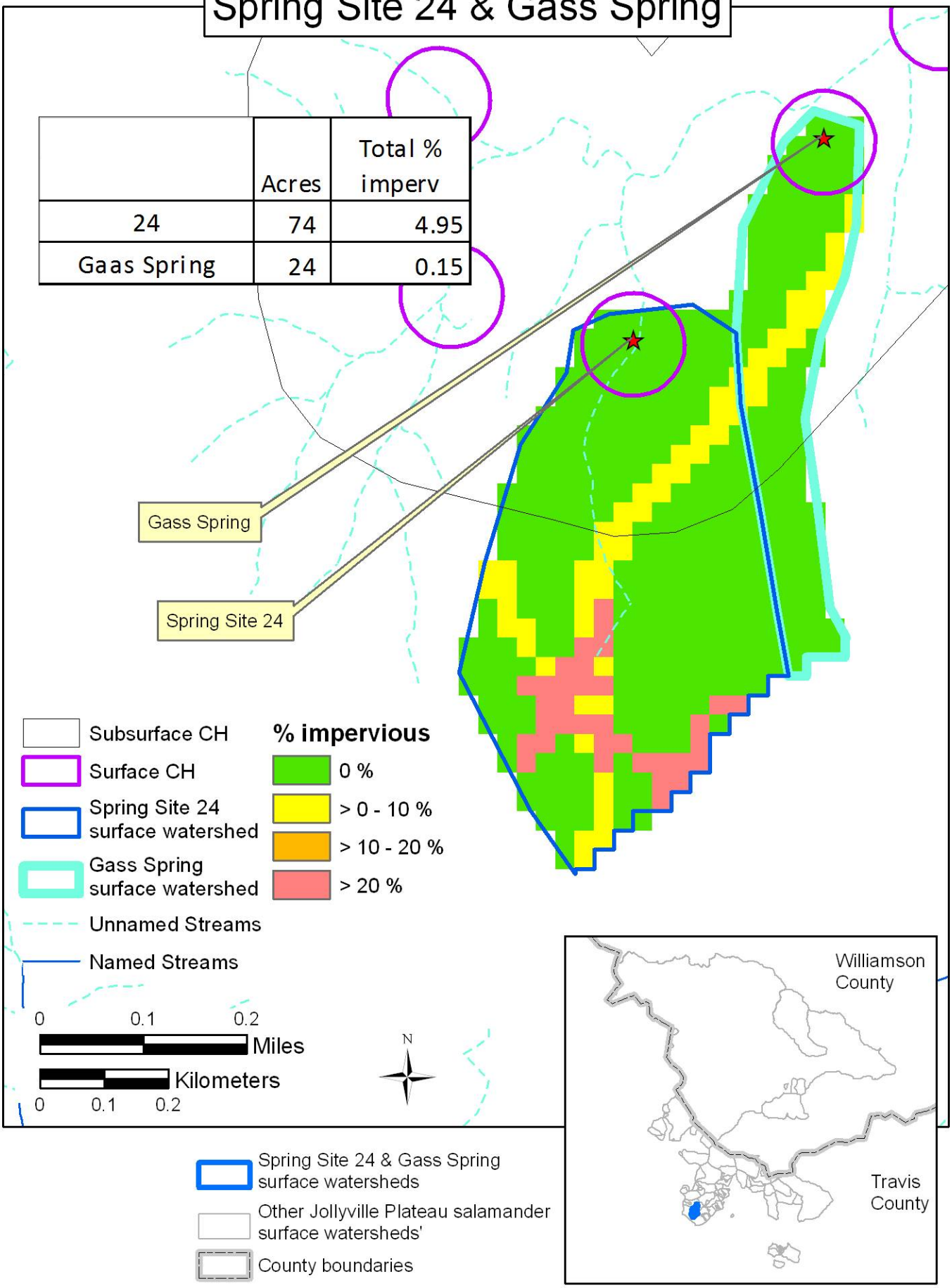
Spring Sites 21 & 22

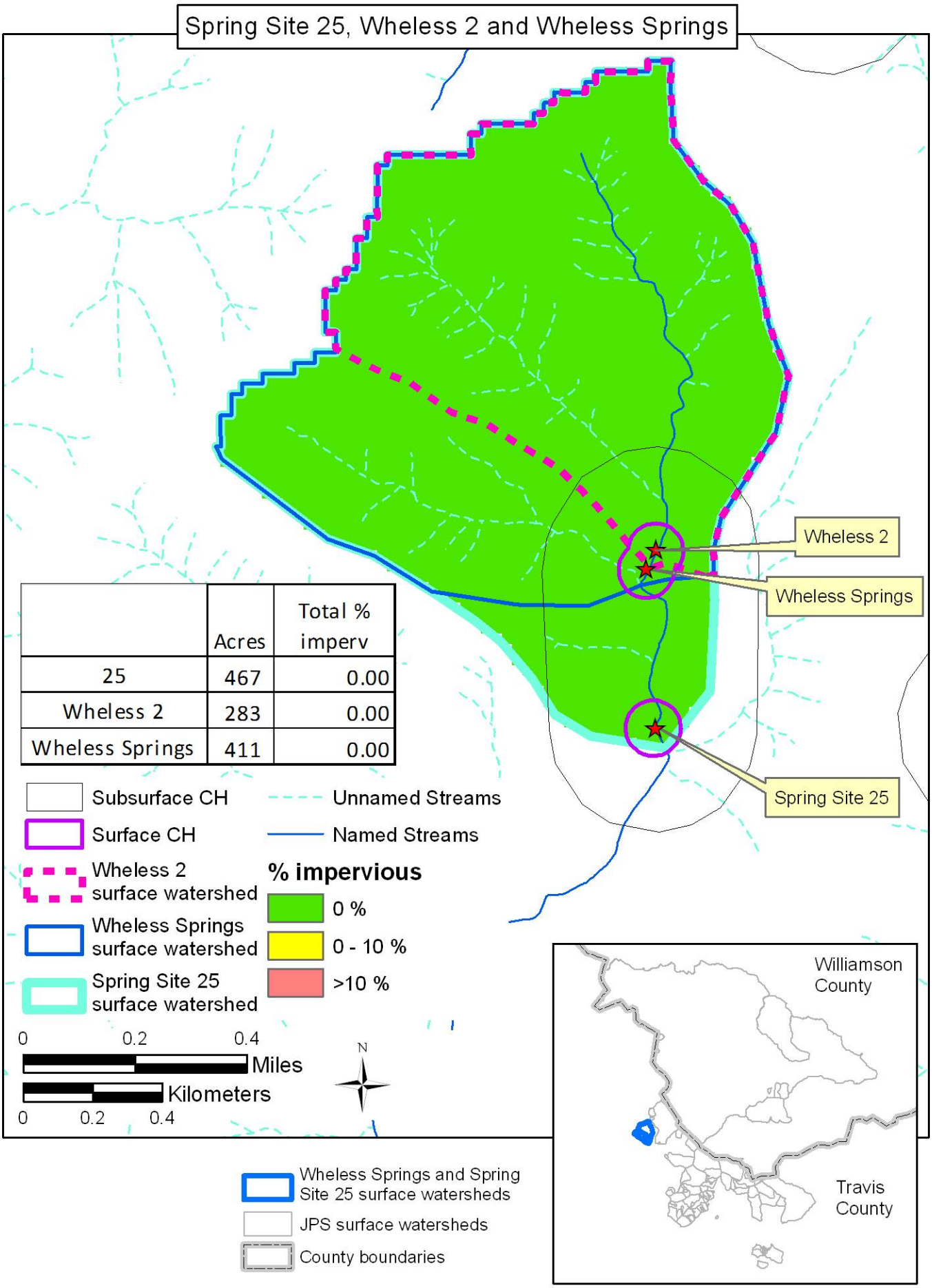
	Acres	Total % imperv
21	188	26.93
22	31	40.60



Spring Site 24 & Gass Spring

	Acres	Total % imperv
24	74	4.95
Gaas Spring	24	0.15

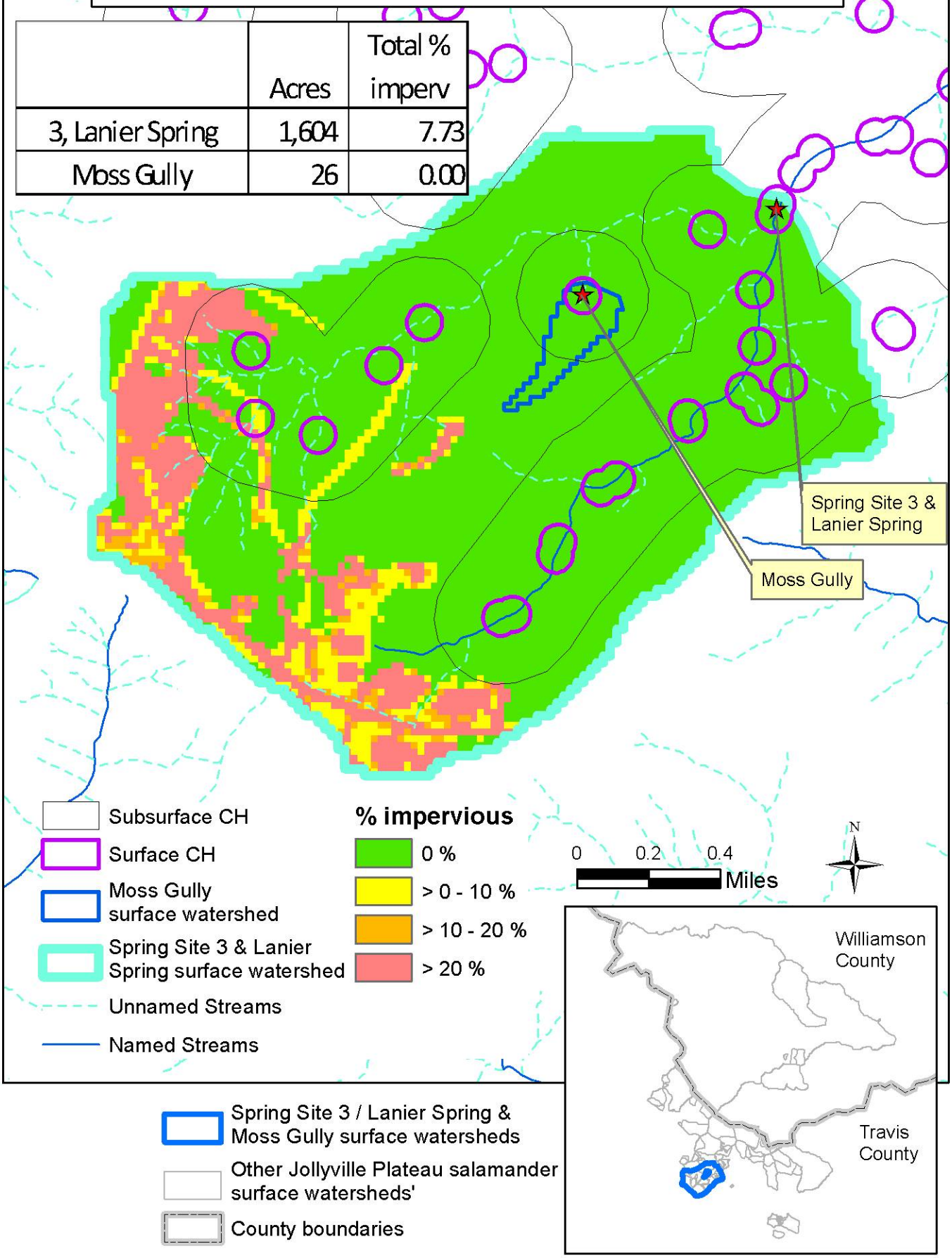




	Acres	Total % imperv
25	467	0.00
Wheless 2	283	0.00
Wheless Springs	411	0.00

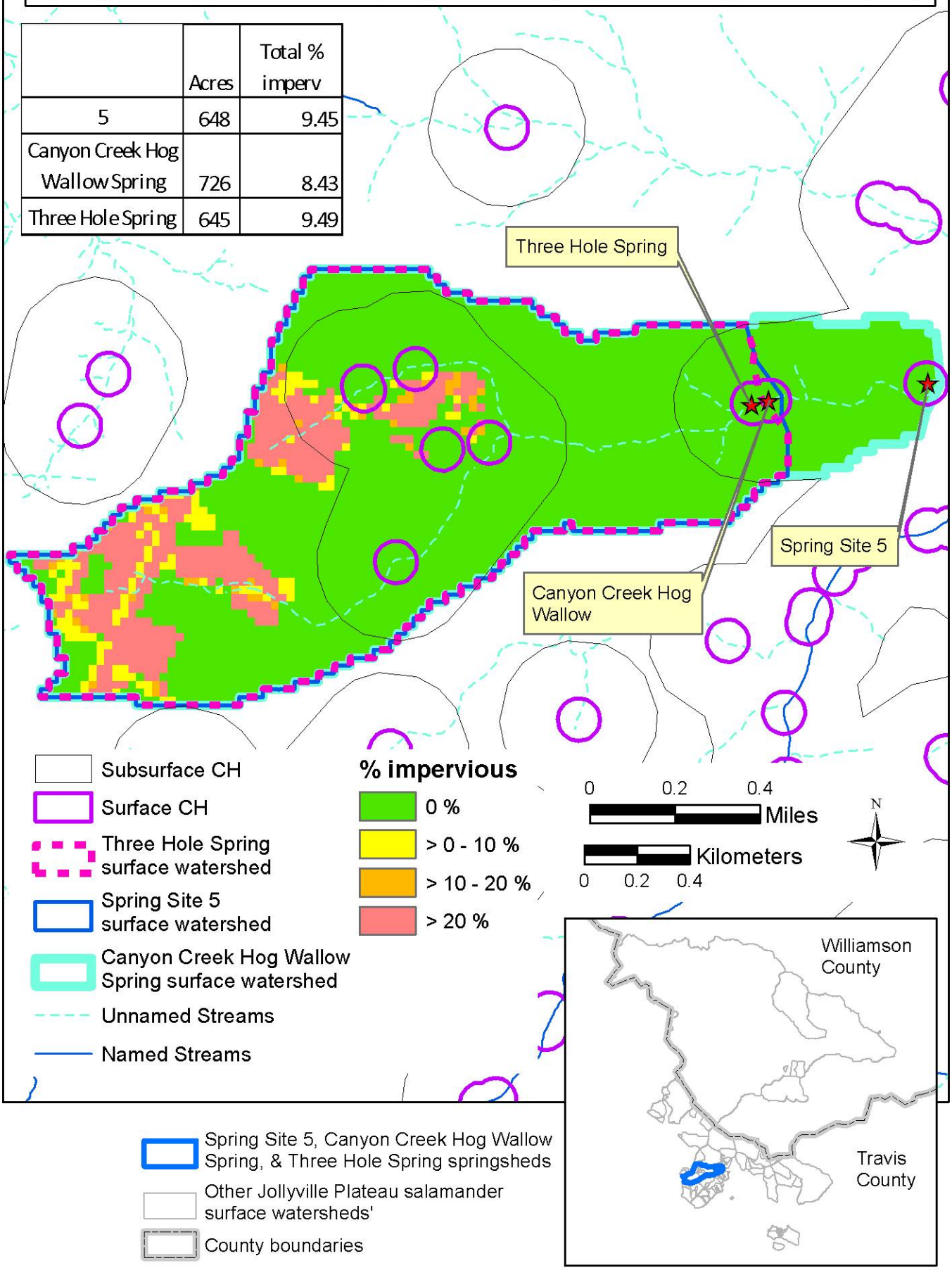
Spring Site 3 / Lanier Spring & Moss Gully

	Acres	Total % imperv
3, Lanier Spring	1,604	7.73
Moss Gully	26	0.00



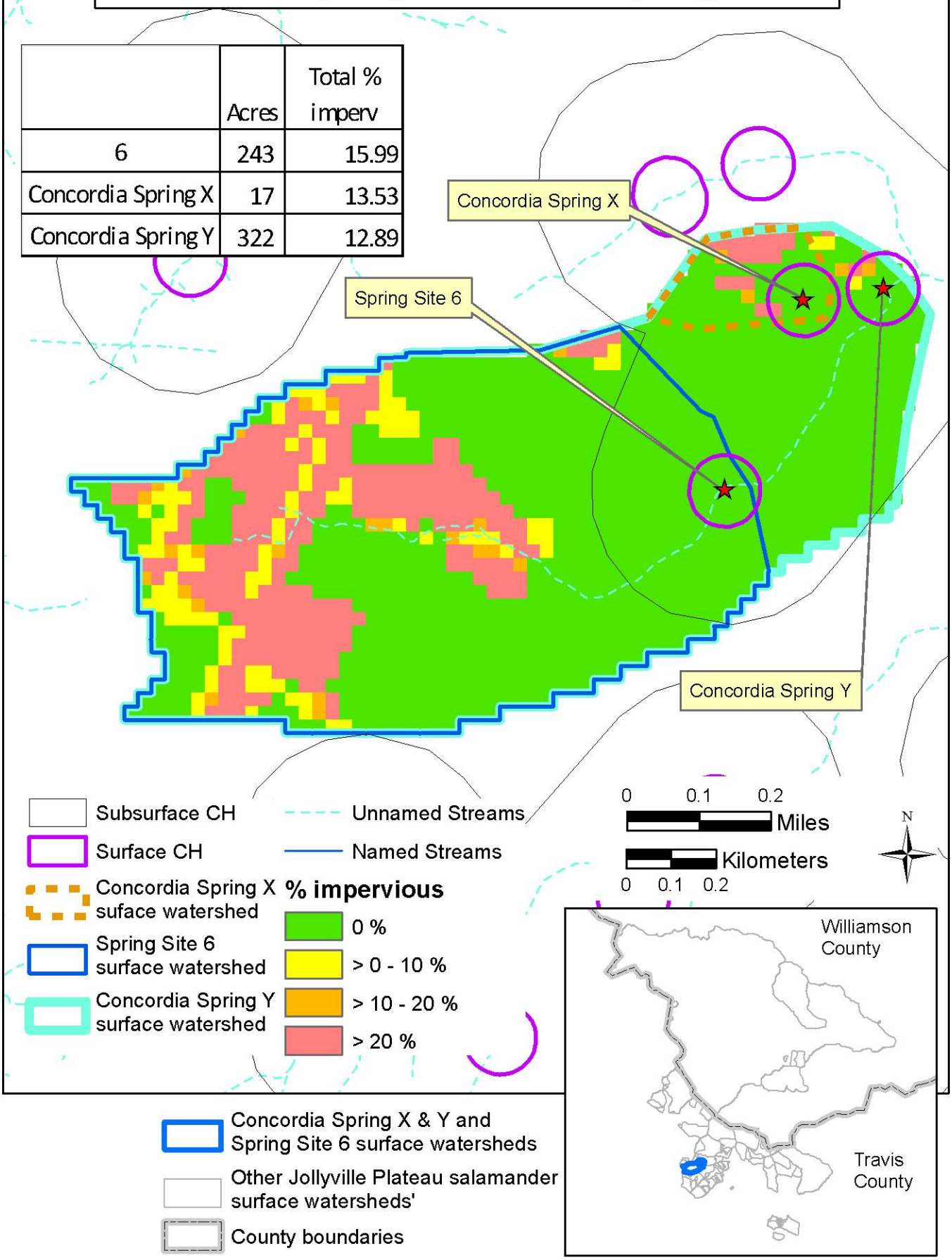
Spring Site 5, Three Hole Spring and Canyon Creek Hog Wallow Spring

	Acres	Total % imperv
5	648	9.45
Canyon Creek Hog Wallow Spring	726	8.43
Three Hole Spring	645	9.49

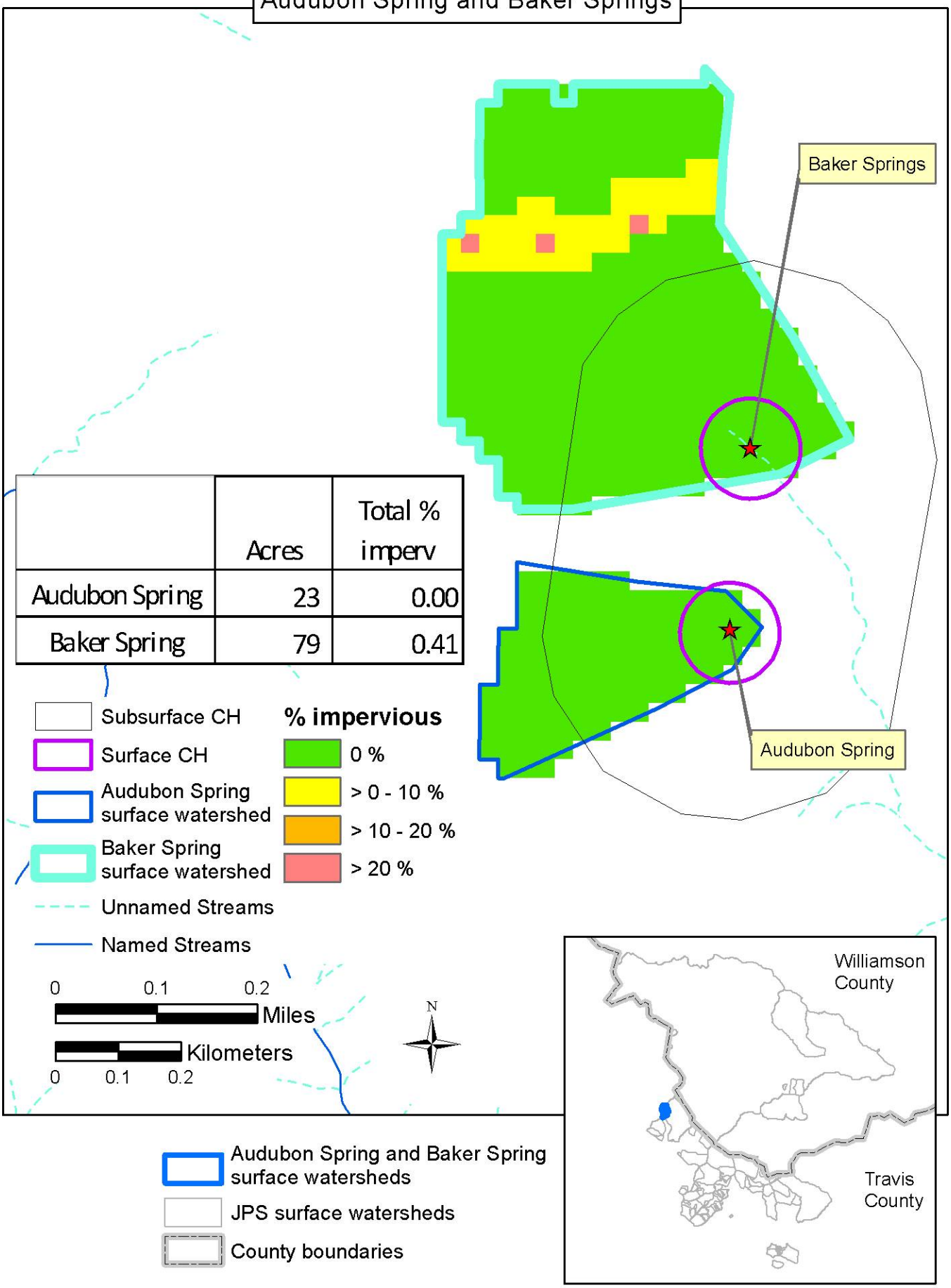


Concordia Spring X & Y and Spring Site 6

	Acres	Total % imperv
6	243	15.99
Concordia Spring X	17	13.53
Concordia Spring Y	322	12.89



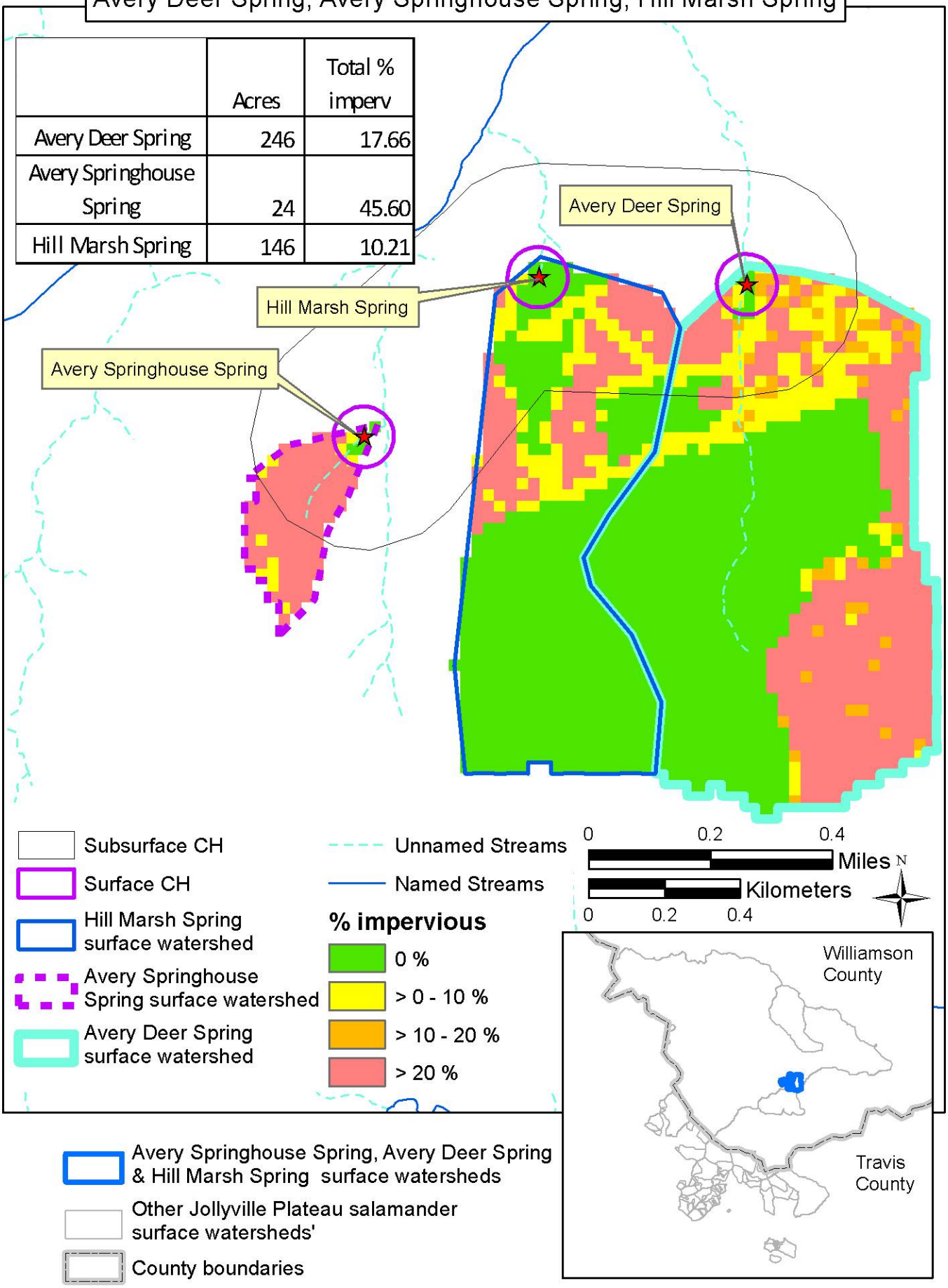
Audubon Spring and Baker Springs



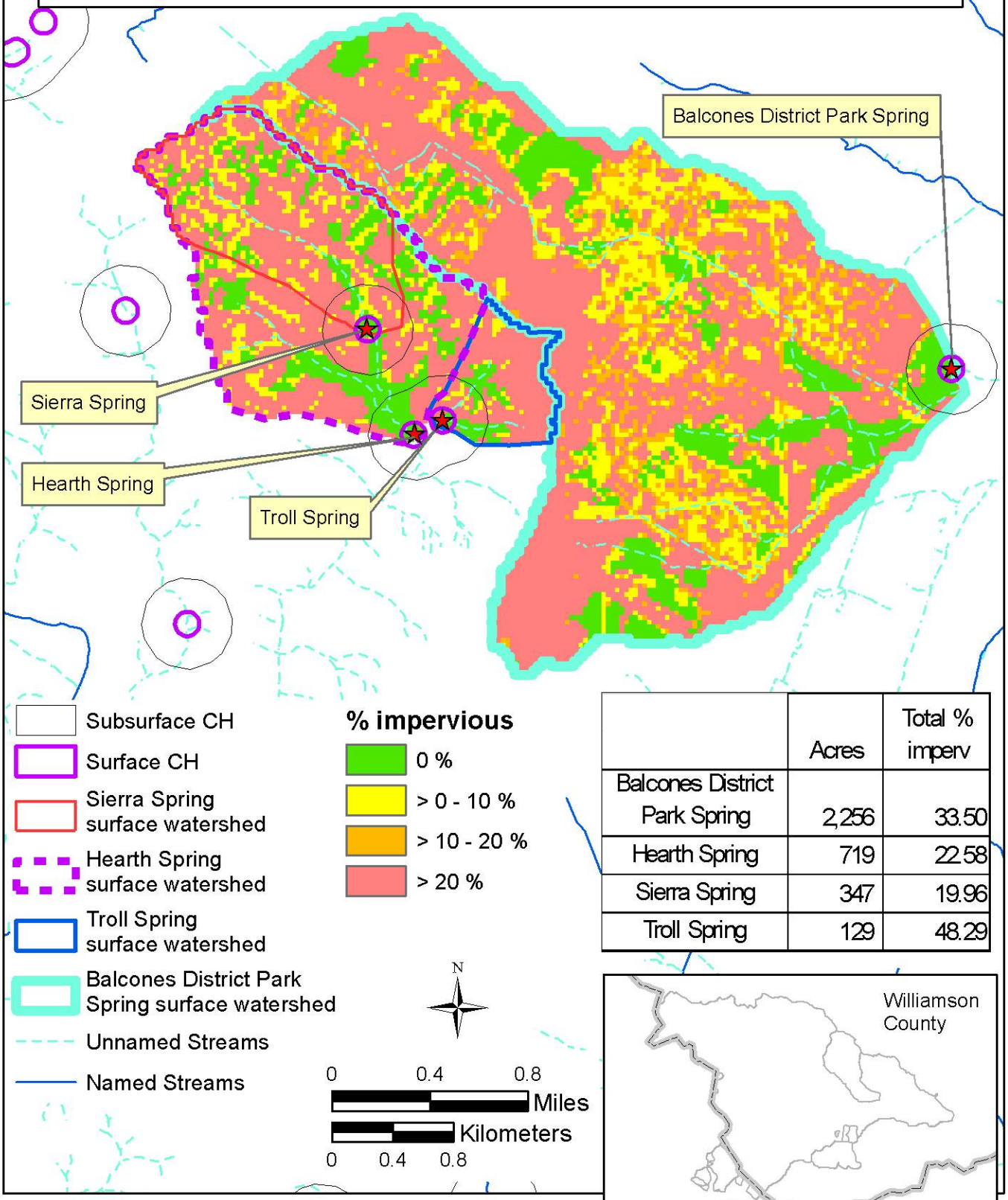
	Acres	Total % imperv
Audubon Spring	23	0.00
Baker Spring	79	0.41

Avery Deer Spring, Avery Springhouse Spring, Hill Marsh Spring

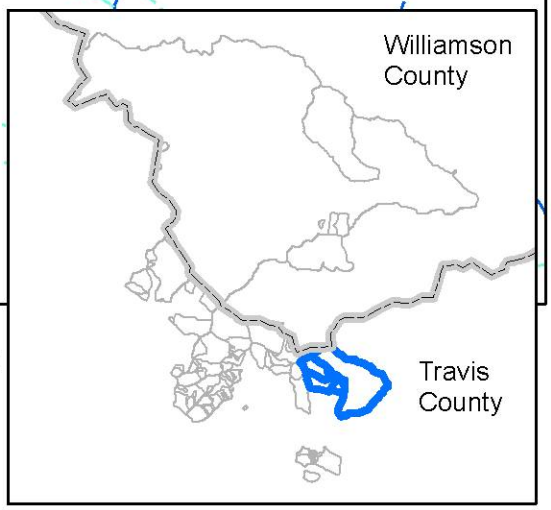
	Acres	Total % imperv
Avery Deer Spring	246	17.66
Avery Springhouse Spring	24	45.60
Hill Marsh Spring	146	10.21



Balcones District Park Spring, Hearth Spring, Sierra Spring, & Troll Spring



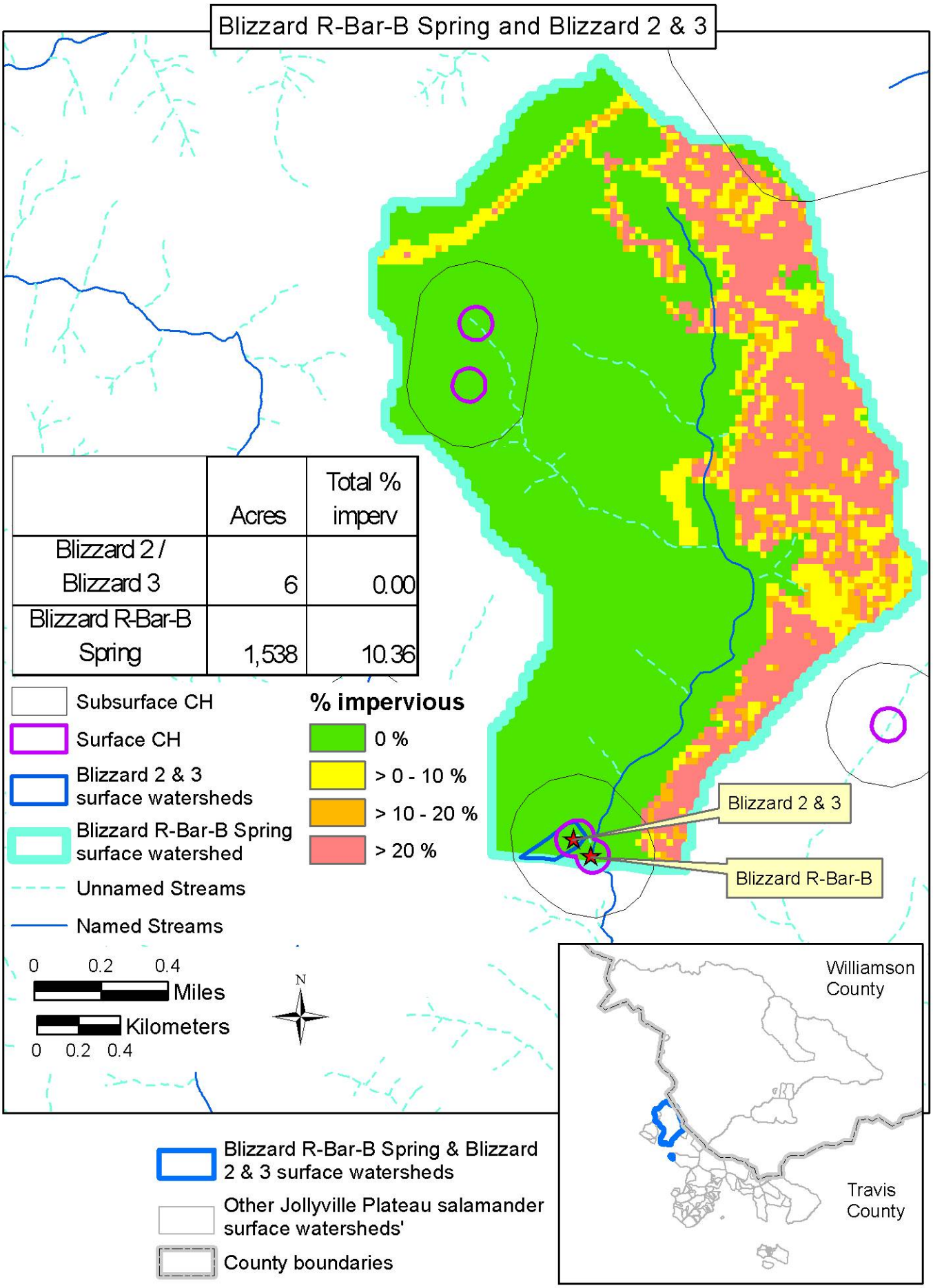
	Acres	Total % imperv
Balcones District Park Spring	2,256	33.50
Hearth Spring	719	22.58
Sierra Spring	347	19.96
Troll Spring	129	48.29



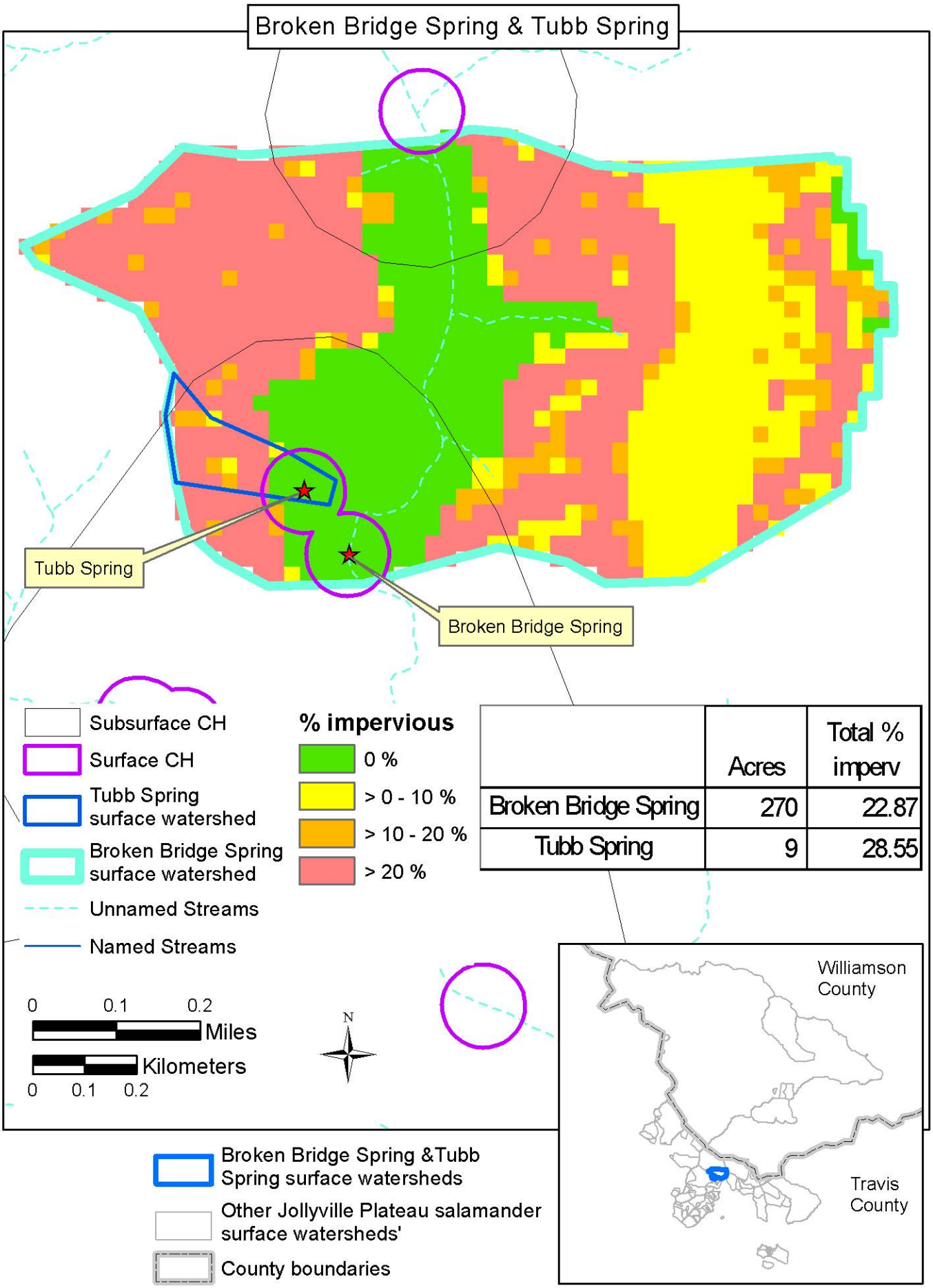
Balcones District Park Spring, Hearth Spring, Sierra Spring &Troll Spring surface watershed

Other Jollyville Plateau salamander surface watersheds'

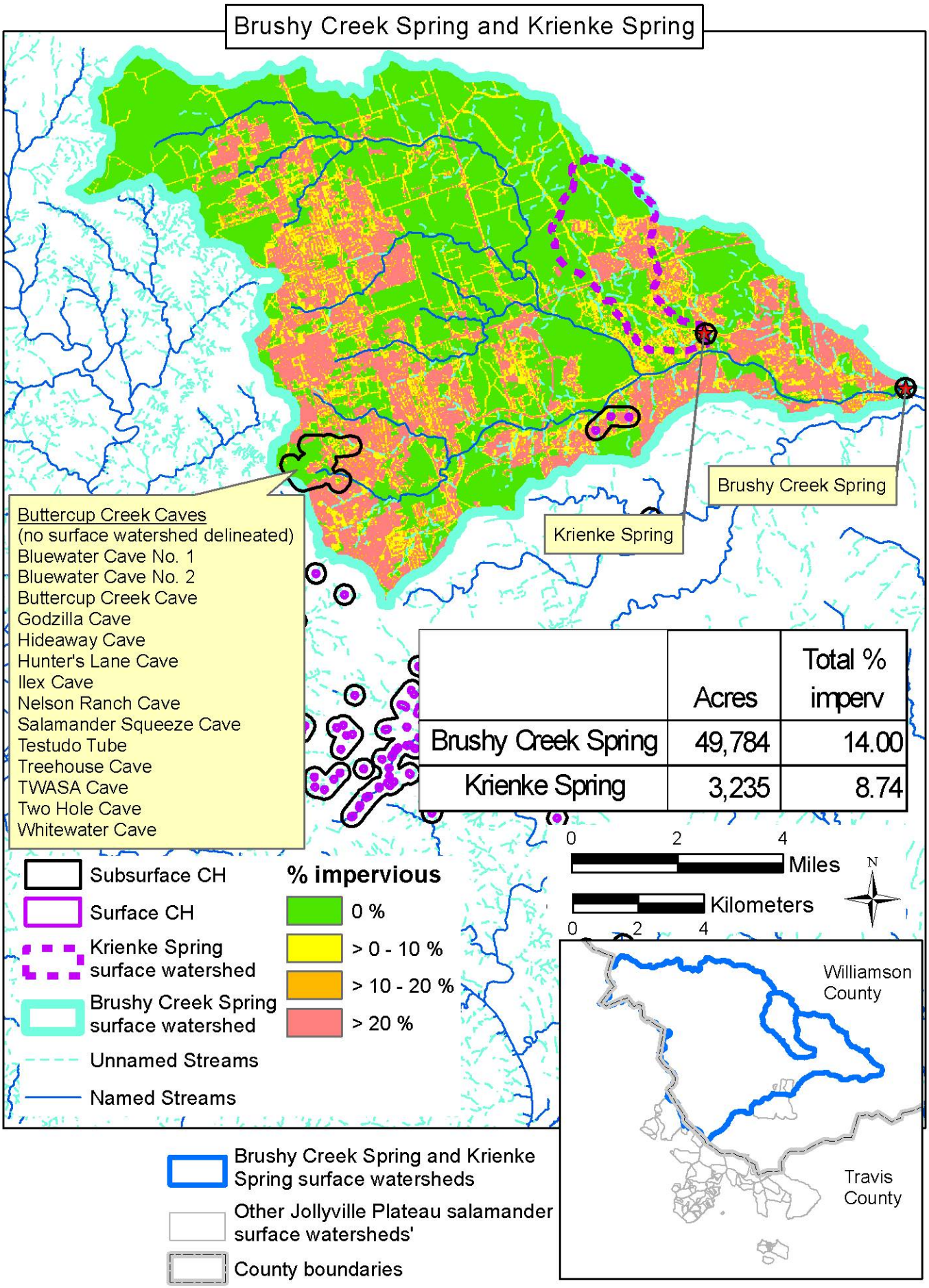
County boundaries



	Acres	Total % imperv
Blizzard 2 / Blizzard 3	6	0.00
Blizzard R-Bar-B Spring	1,538	10.36

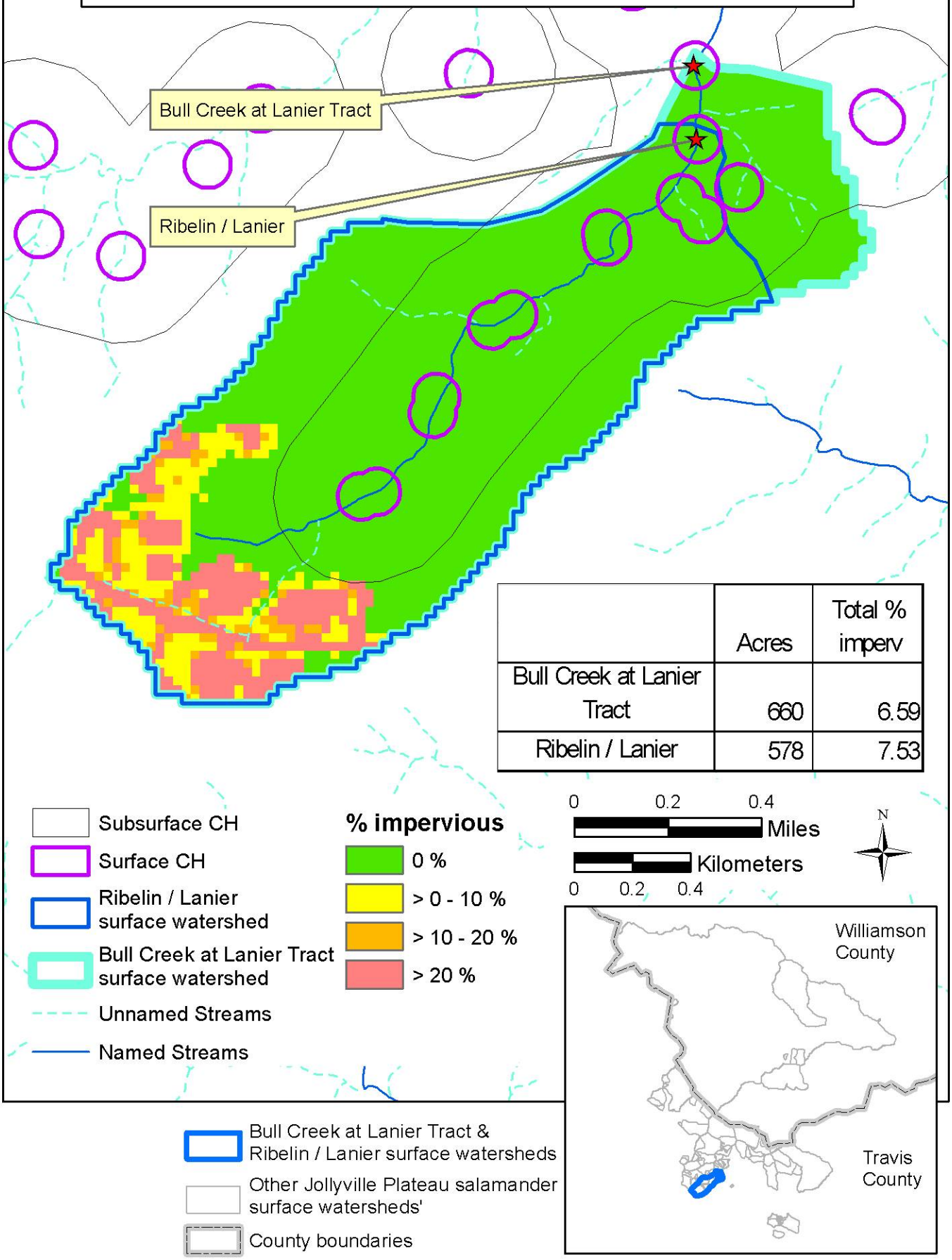


	Acres	Total % imperv
Broken Bridge Spring	270	22.87
Tubb Spring	9	28.55

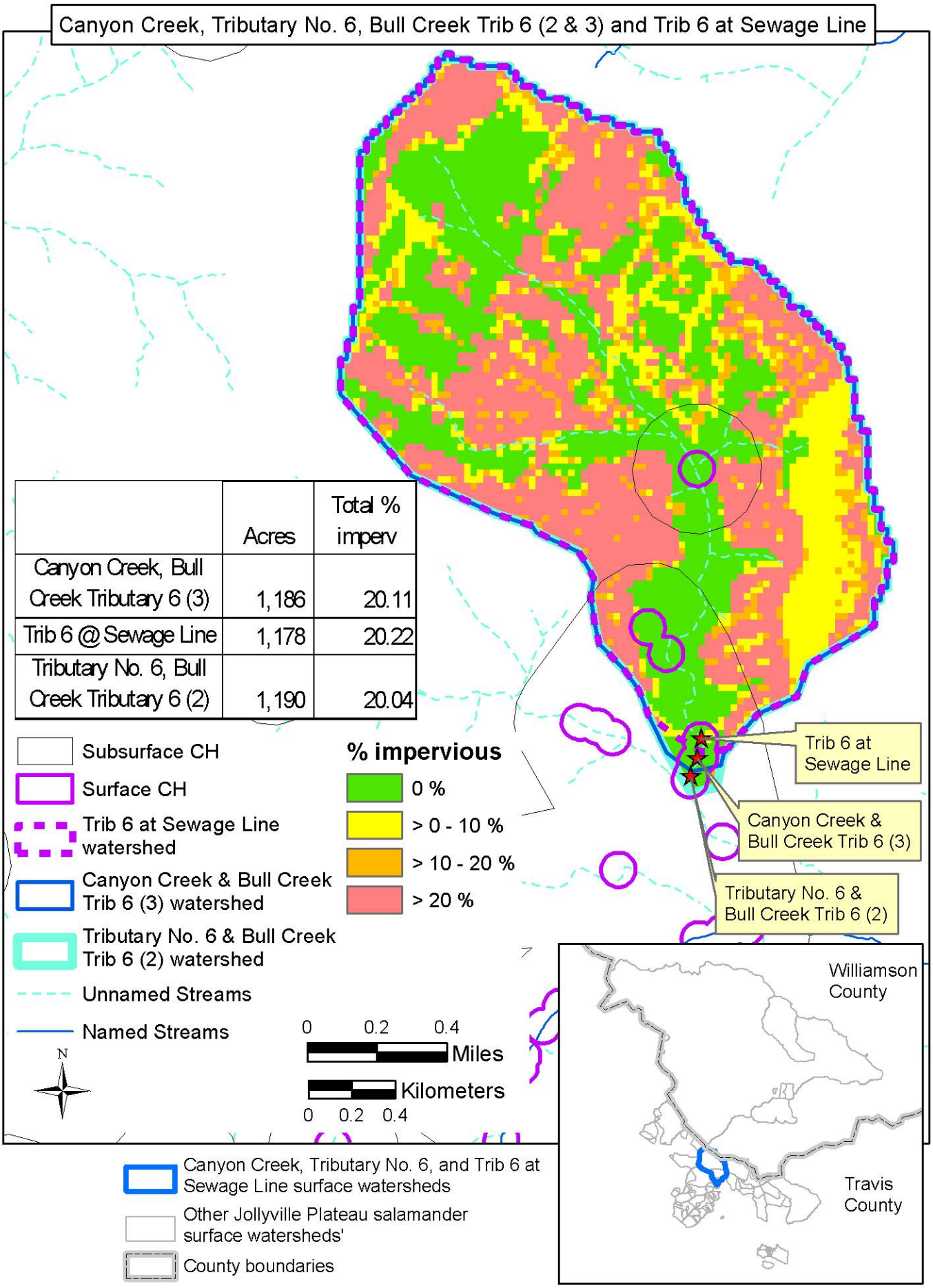


	Acres	Total % imperv
Brushy Creek Spring	49,784	14.00
Krienke Spring	3,235	8.74

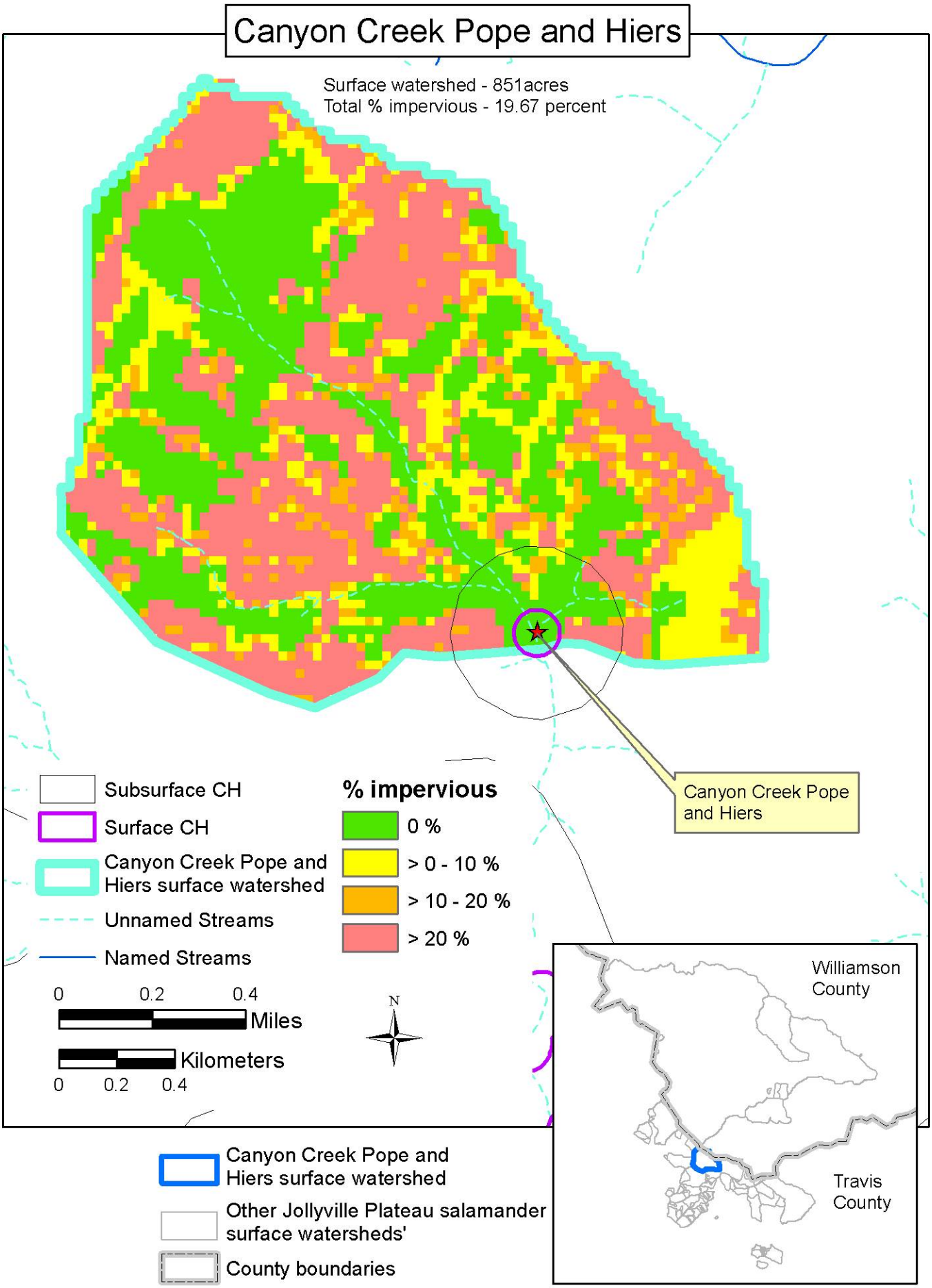
Bull Creek at Lanier Tract & Ribelin / Lanier



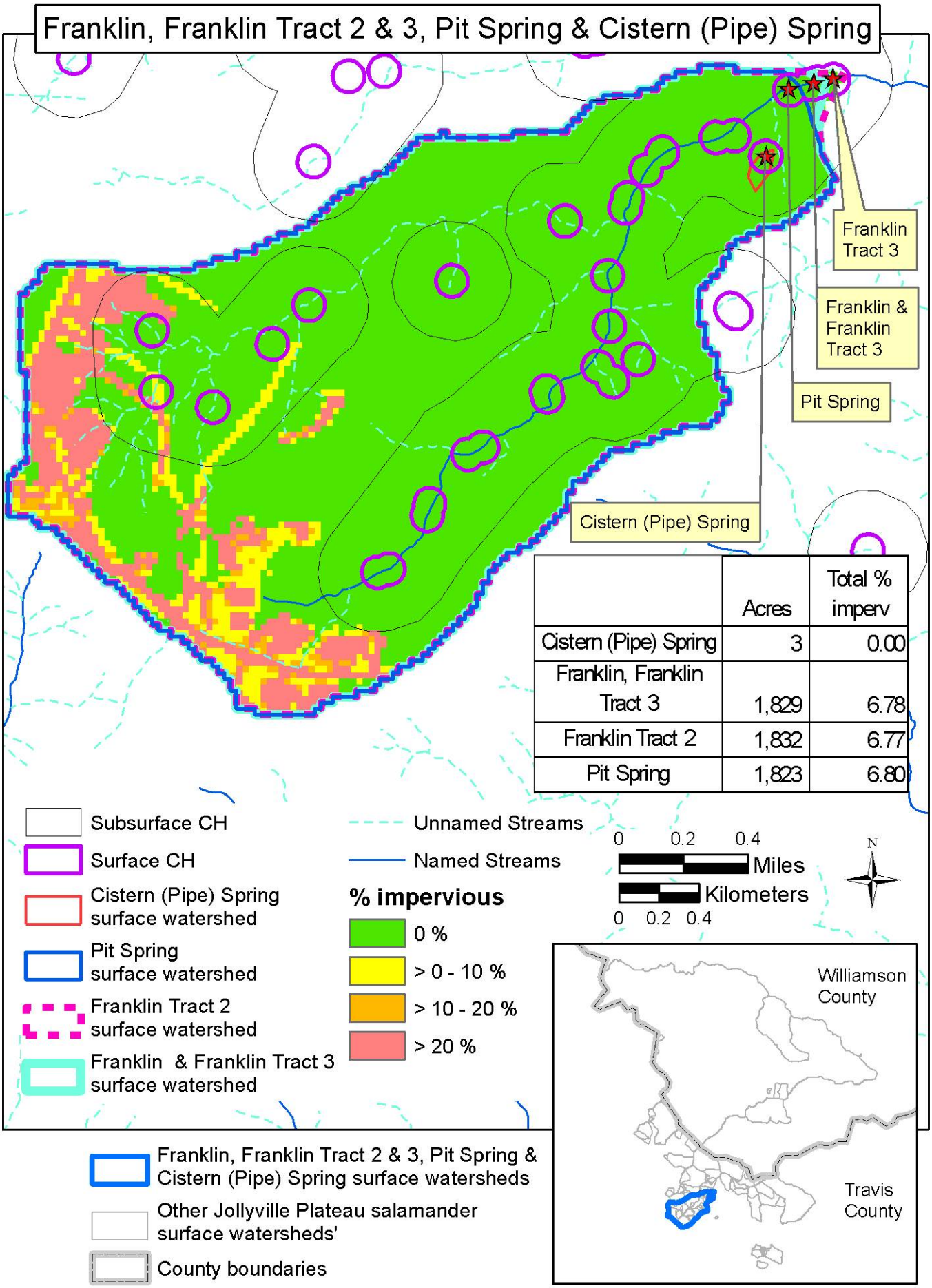
	Acres	Total % imperv
Bull Creek at Lanier Tract	660	6.59
Ribelin / Lanier	578	7.53



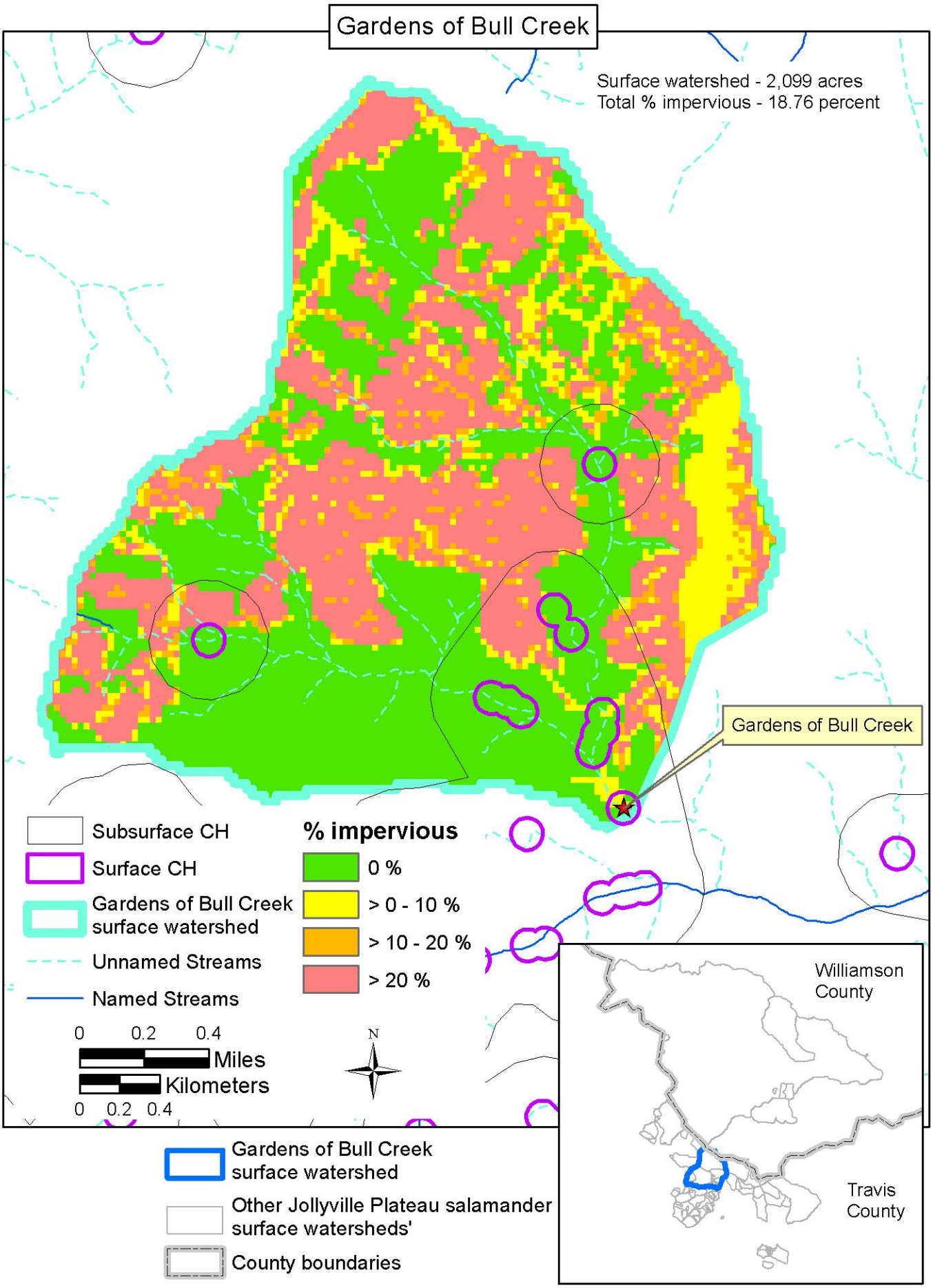
	Acres	Total % imperv
Canyon Creek, Bull Creek Tributary 6 (3)	1,186	20.11
Trib 6 @ Sewage Line	1,178	20.22
Tributary No. 6, Bull Creek Tributary 6 (2)	1,190	20.04


Canyon Creek Pope and Hiers
Surface watershed - 851acres
Total % impervious - 19.67 percent
Canyon Creek Pope and Hiers
Subsurface CH
Surface CH
Canyon Creek Pope and Hiers surface watershed
Unnamed Streams
Named Streams
% impervious
0 %
> 0 - 10 %
> 10 - 20 %
> 20 %
0 0.2 0.4
Miles
Kilometers
0 0.2 0.4
N
Williamson County
Travis County
Canyon Creek Pope and Hiers surface watershed
Other Jollyville Plateau salamander surface watersheds'
County boundaries

Franklin, Franklin Tract 2 & 3, Pit Spring & Cistern (Pipe) Spring

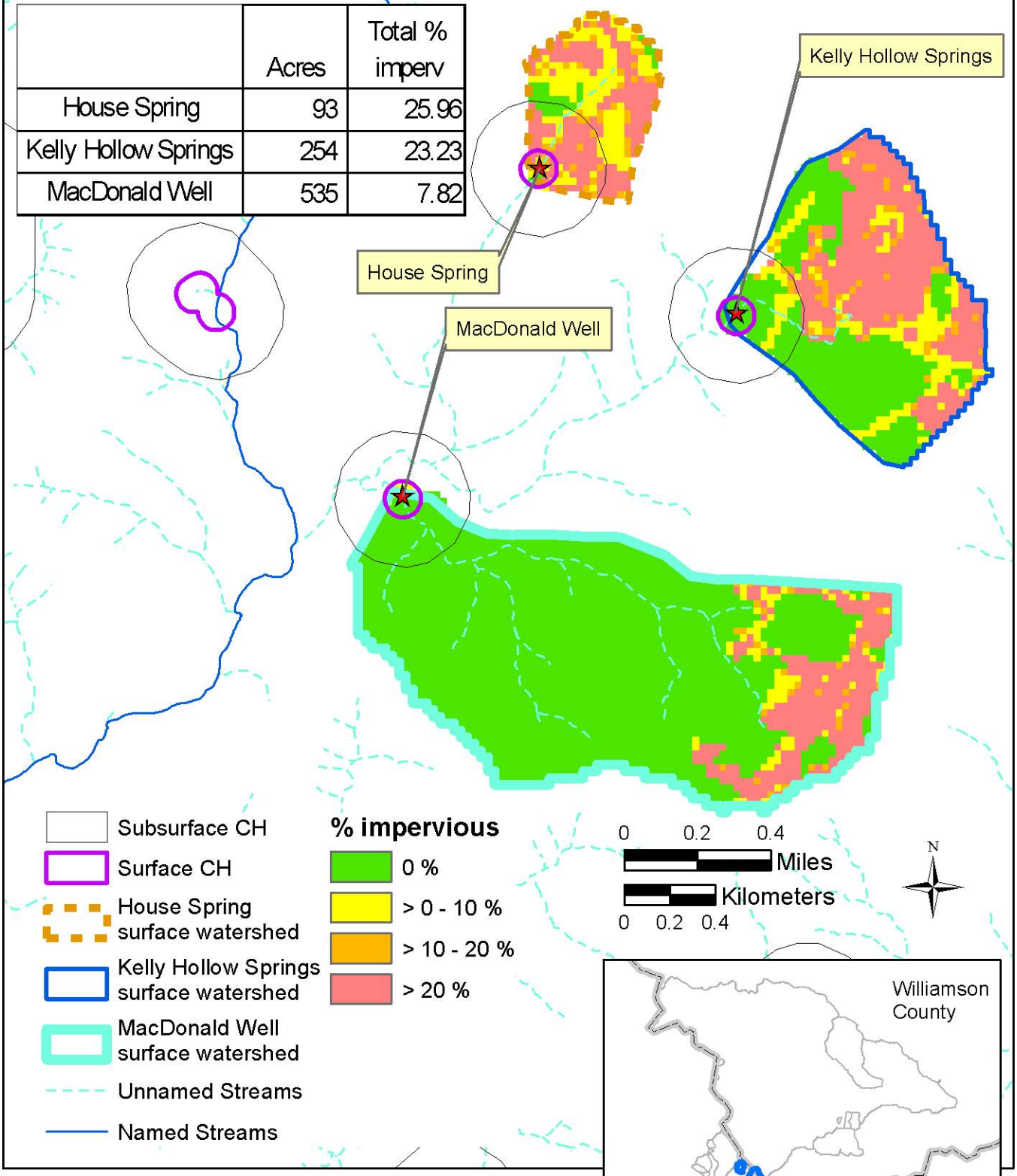


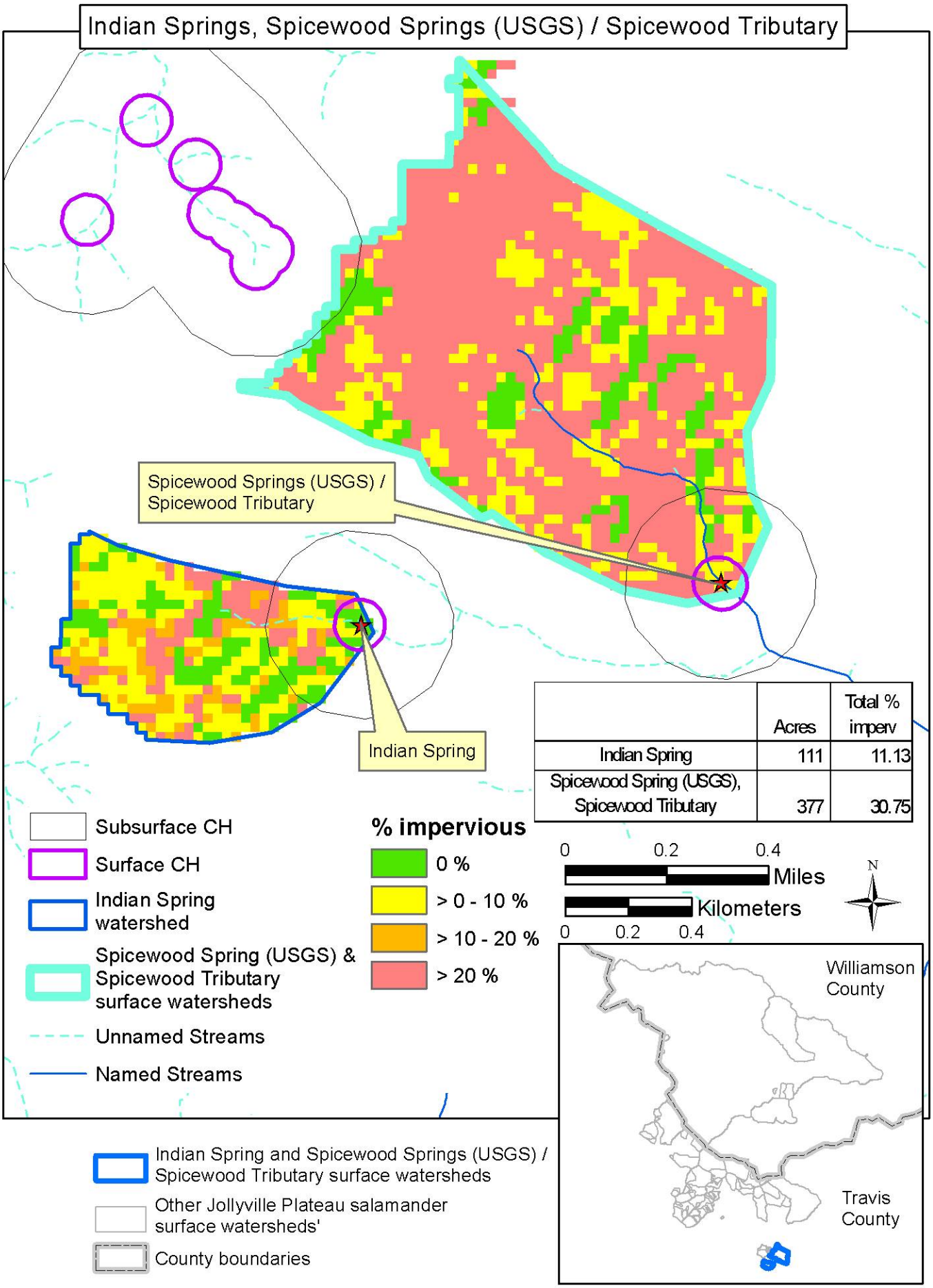
	Acres	Total % imperv
Cistern (Pipe) Spring	3	0.00
Franklin, Franklin Tract 3	1,829	6.78
Franklin Tract 2	1,832	6.77
Pit Spring	1,823	6.80


Gardens of Bull Creek
Surface watershed - 2,099 acres
Total % impervious - 18.76 percent
Gardens of Bull Creek
Subsurface CH
Surface CH
Gardens of Bull Creek surface watershed
Unnamed Streams
Named Streams
% impervious
0 %
> 0 - 10 %
> 10 - 20 %
> 20 %
0 0.2 0.4
Miles
Kilometers
0 0.2 0.4
N
Gardens of Bull Creek surface watershed
Other Jollyville Plateau salamander surface watersheds'
County boundaries
Williamson County
Travis County

House Spring, Kelly Hollow Springs & MacDonald Well

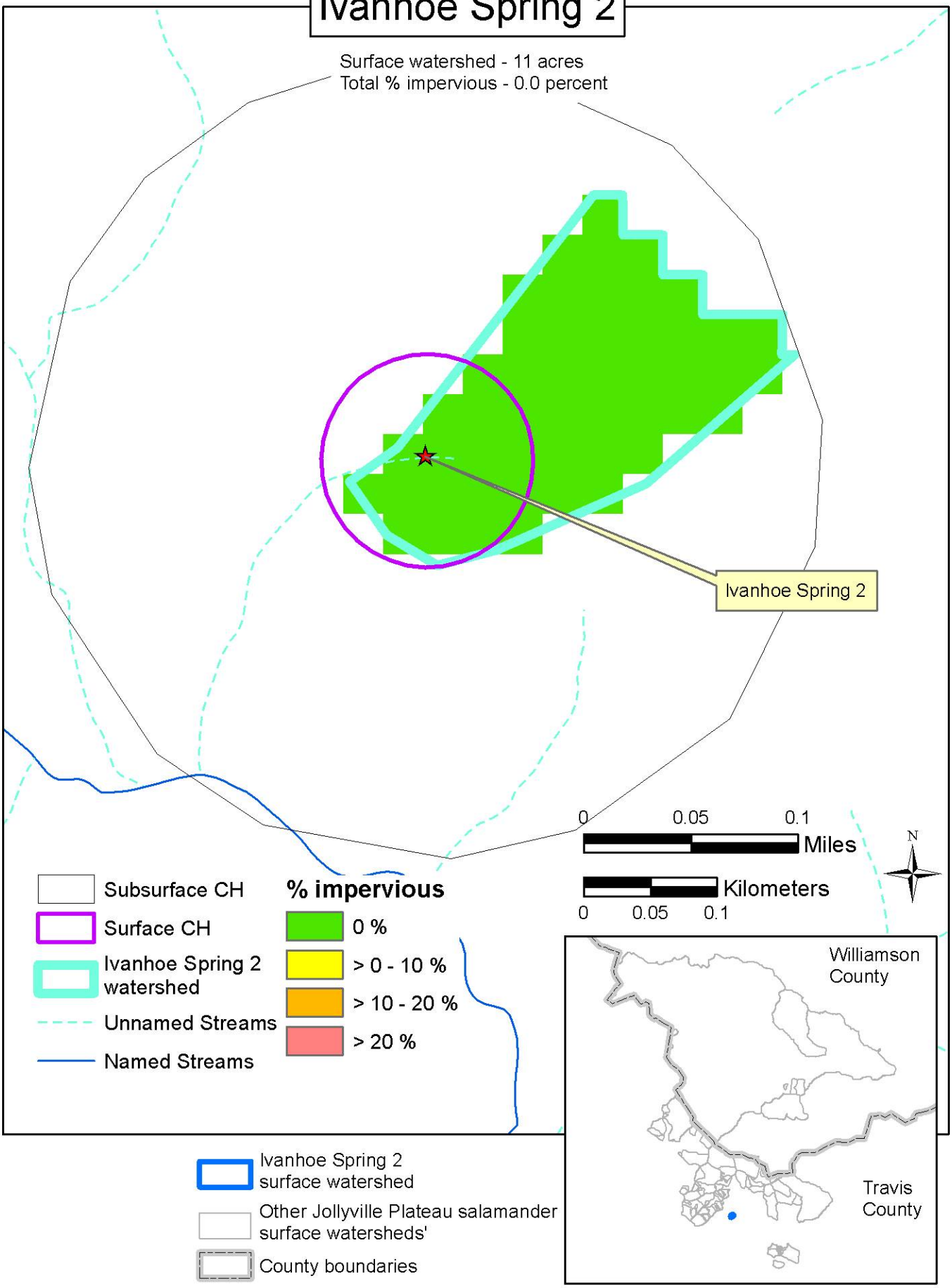
	Acres	Total % imperv
House Spring	93	25.96
Kelly Hollow Springs	254	23.23
MacDonald Well	535	7.82



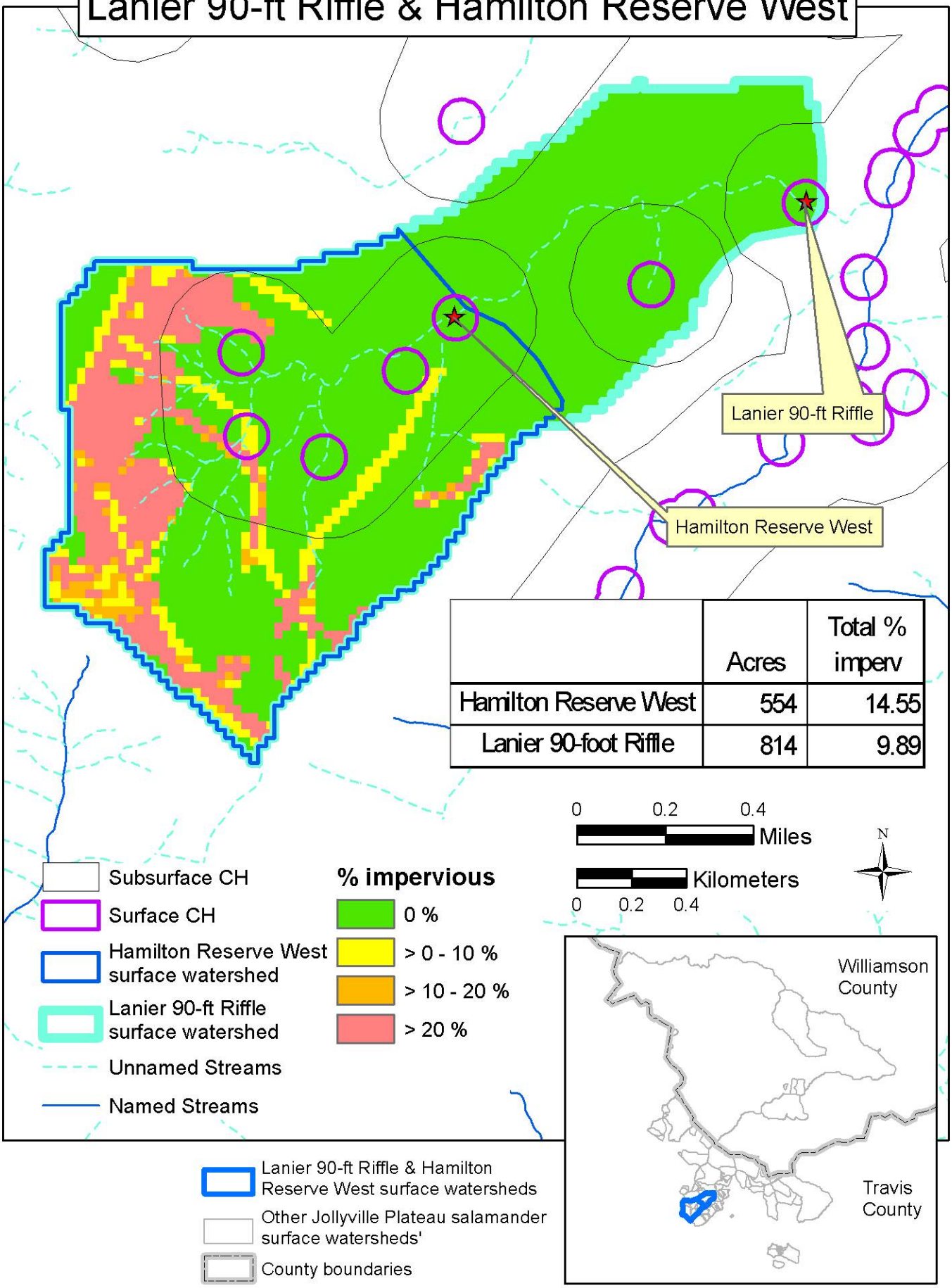


	Acres	Total % imperv
Indian Spring	111	11.13
Spicewood Spring (USGS), Spicewood Tributary	377	30.75

Ivanhoe Spring 2



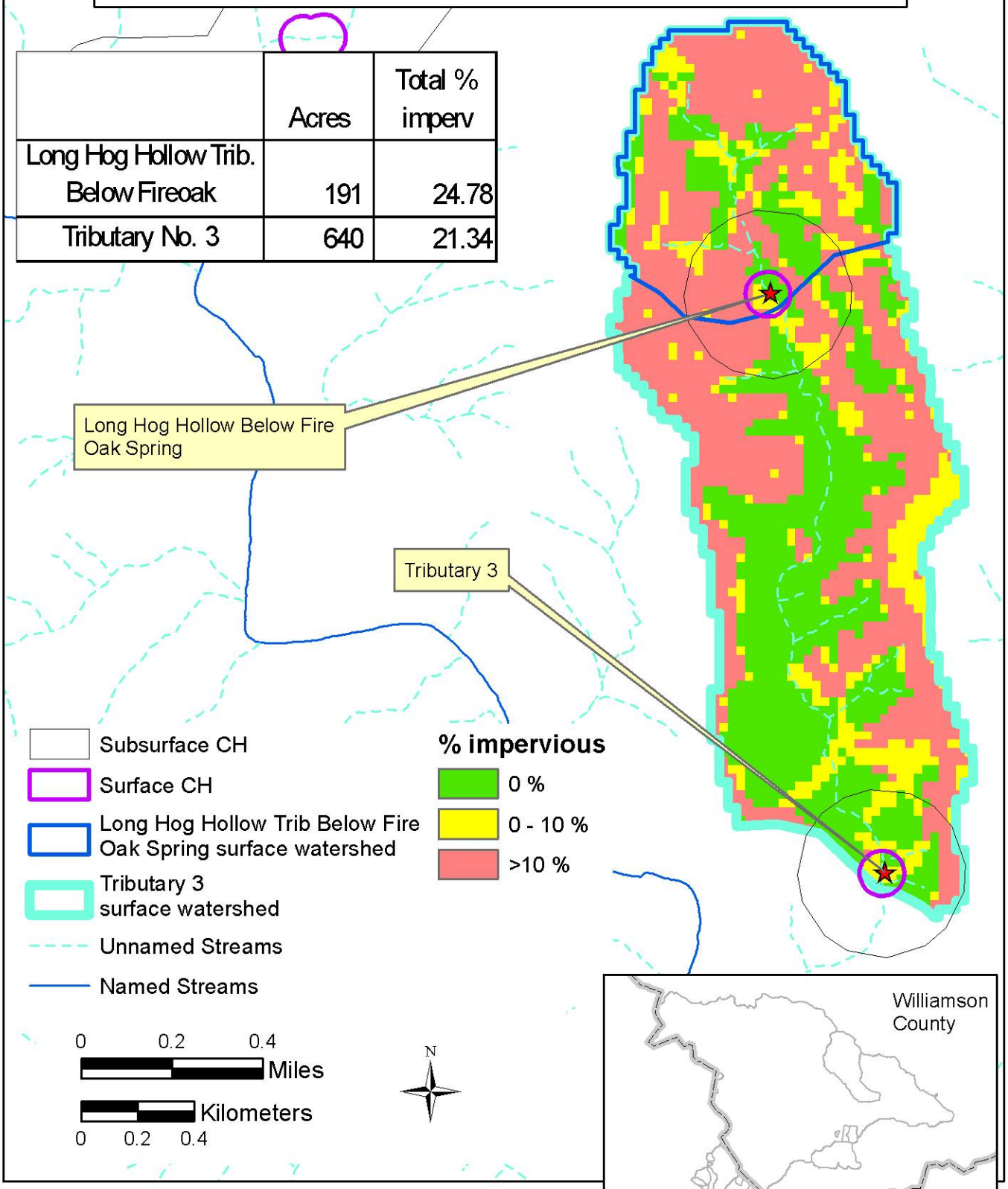
Lanier 90-ft Riffle & Hamilton Reserve West

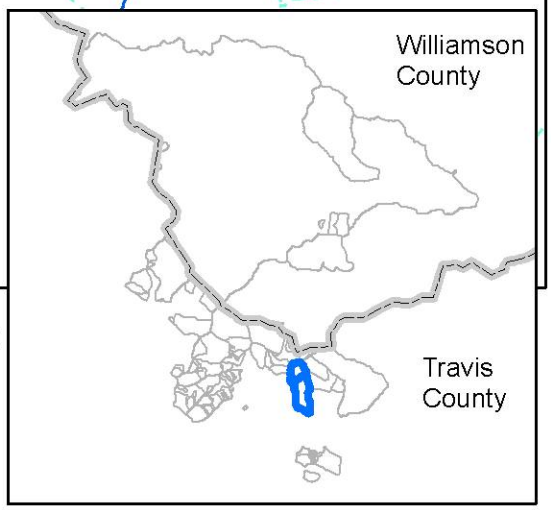


	Acres	Total % imperv
Hamilton Reserve West	554	14.55
Lanier 90-foot Riffle	814	9.89

Long Hog Hollow Trib Below Fire Oak Spring and Tributary No. 3

	Acres	Total % imperv
Long Hog Hollow Trib. Below Fireoak	191	24.78
Tributary No. 3	640	21.34



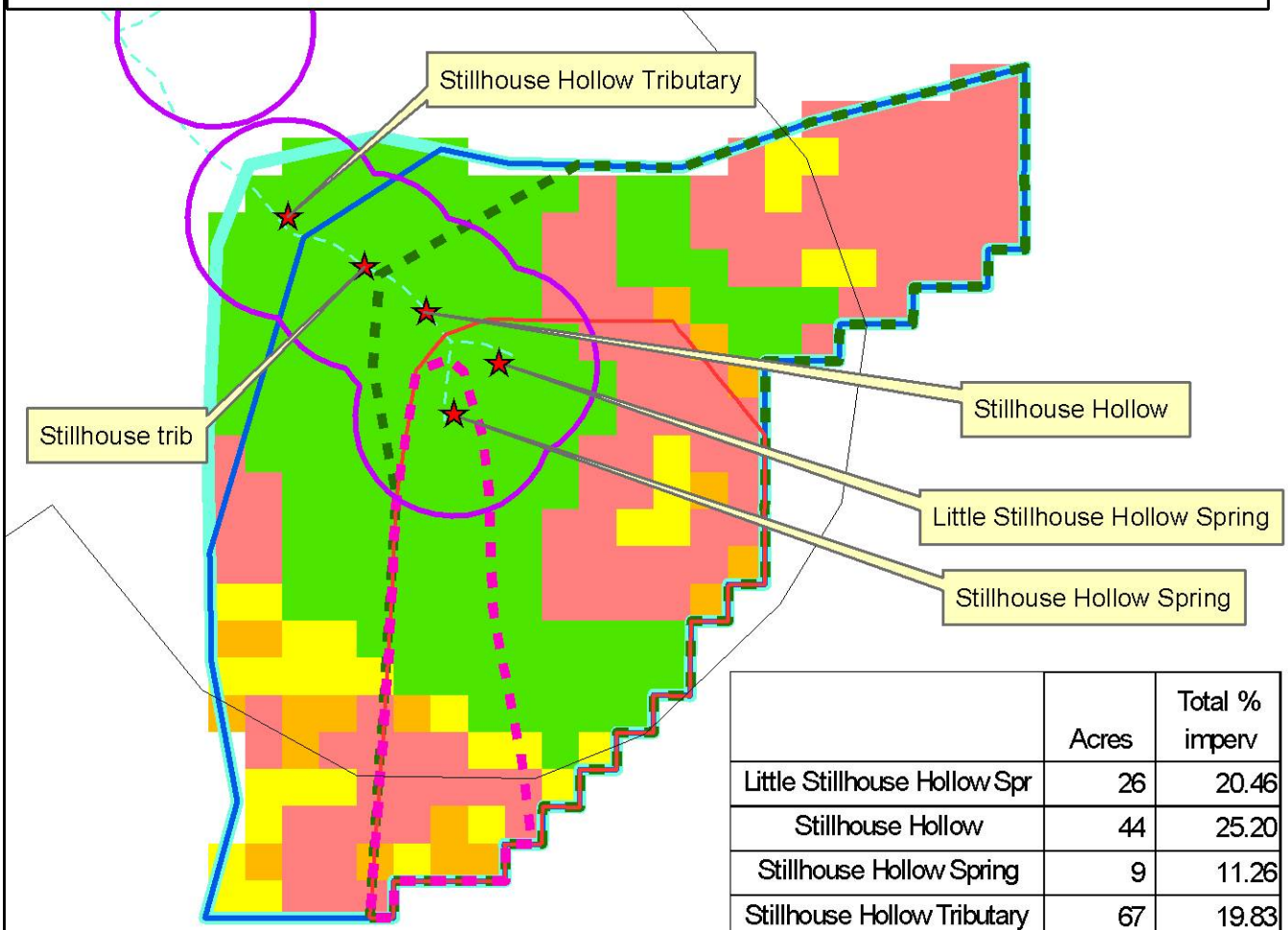


Long Hog Hollow Trib Below Fire Oak Spring and Tributary No. 3 surface watersheds

Other Jollyville Plateau salamander surface watersheds'

County boundaries

Stillhouse Hollow Trib. & Spring, Little Stillhouse Hollow Spr and Stillhouse trib



	Acres	Total % imperv
Little Stillhouse Hollow Spr	26	20.46
Stillhouse Hollow	44	25.20
Stillhouse Hollow Spring	9	11.26
Stillhouse Hollow Tributary	67	19.83
Stillhouse trib	63	20.96

Subsurface CH

Surface CH

Stillhouse Hollow Spring surface watershed

Little Stillhouse Hollow Spring surface watershed

Stillhouse Hollow surface watershed

Stillhouse tributary surface watershed

Stillhouse Hollow Tributary surface watershed

Unnamed Streams

Named Streams

% impervious

0 %

> 0 - 10 %

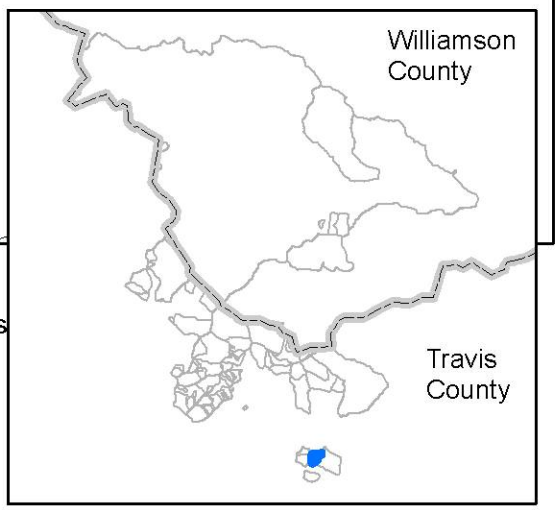
> 10 - 20 %

> 20 %

N

0 0.05 0.1 Miles

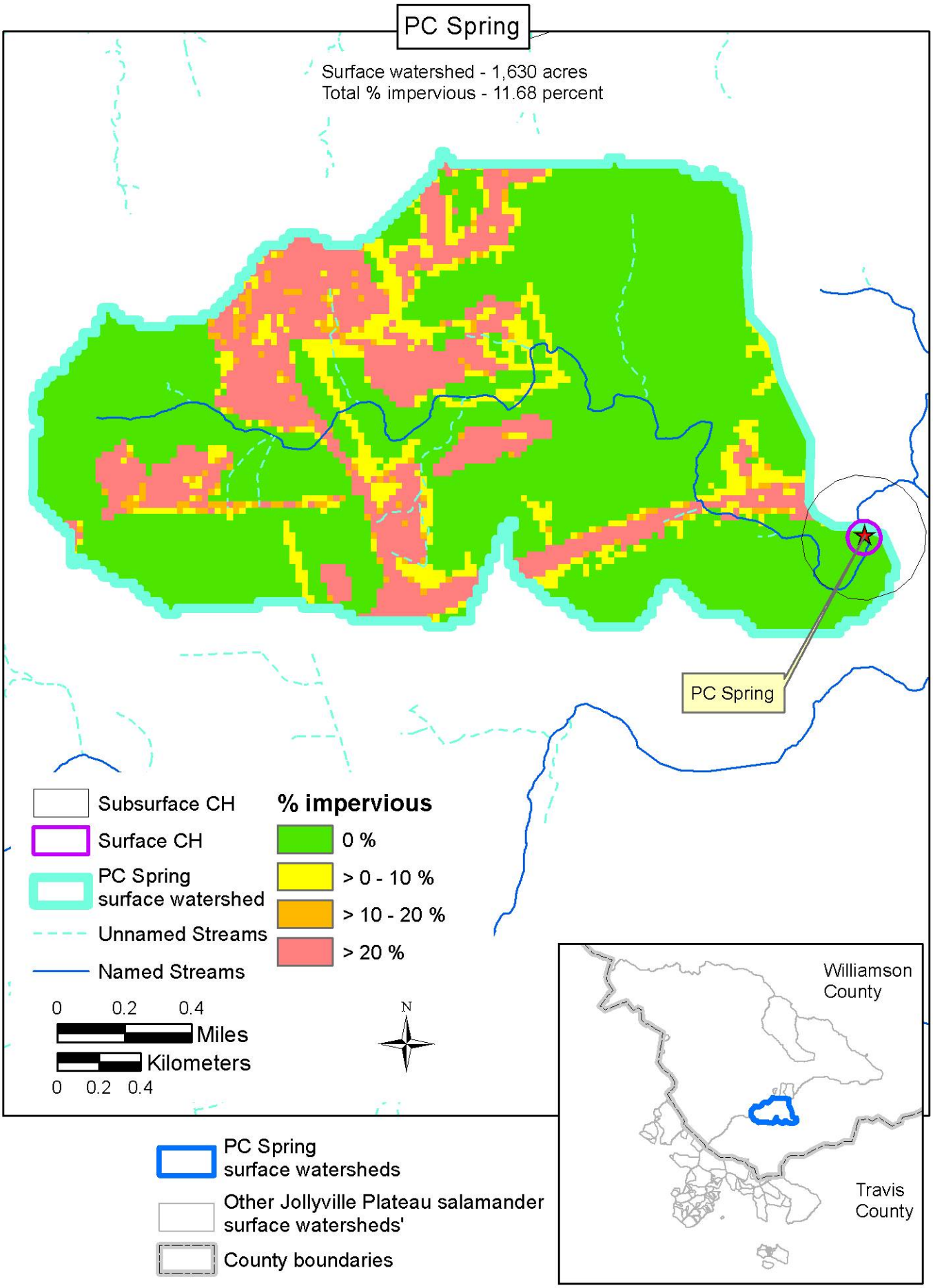
0 0.05 0.1 Kilometers



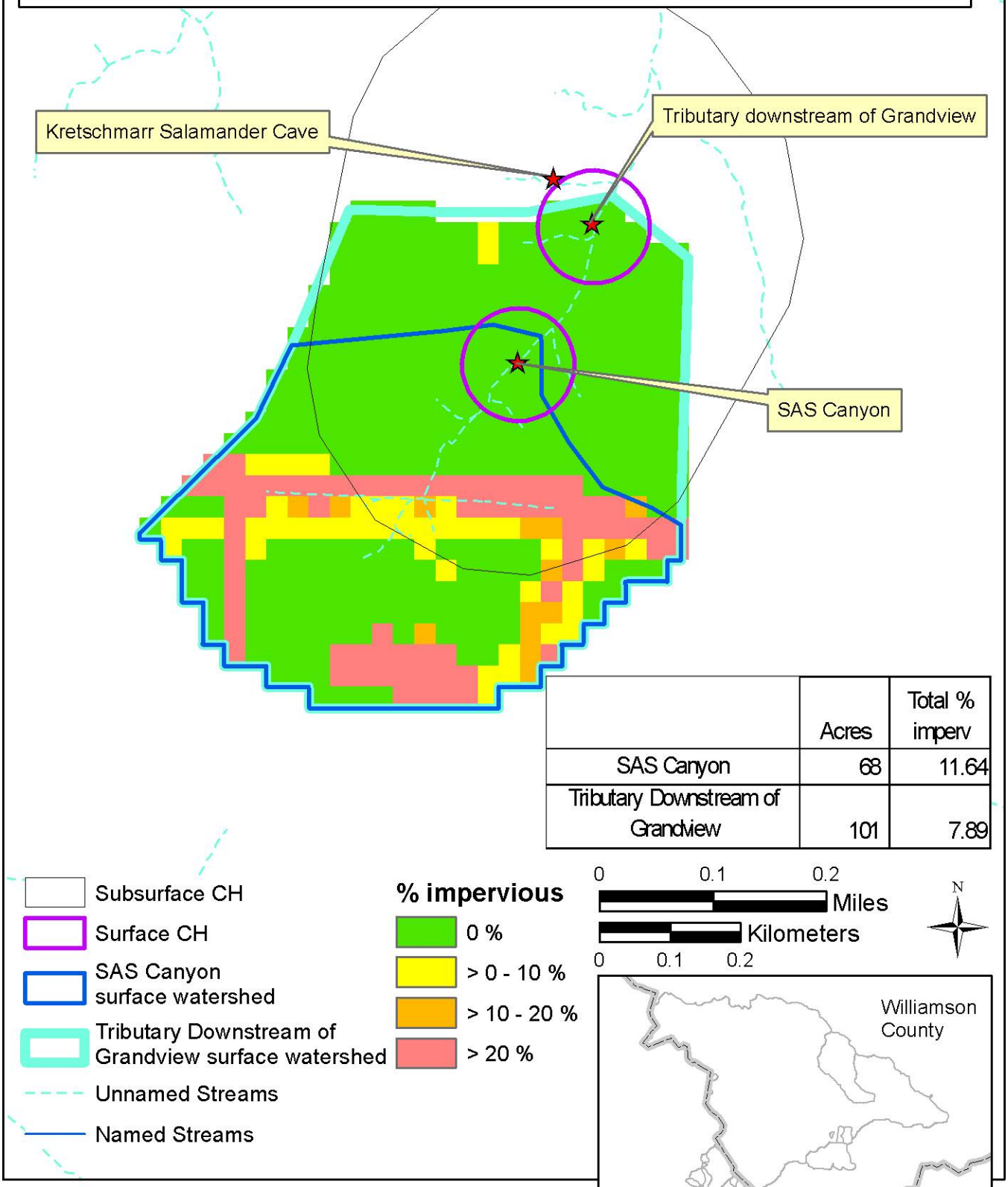
Stillhouse Hollow Trib. & Spring, Little Stillhouse Hollow Spring, and Stillhouse trib surface watersheds

Other Jollyville Plateau salamander surface watersheds'

County boundaries

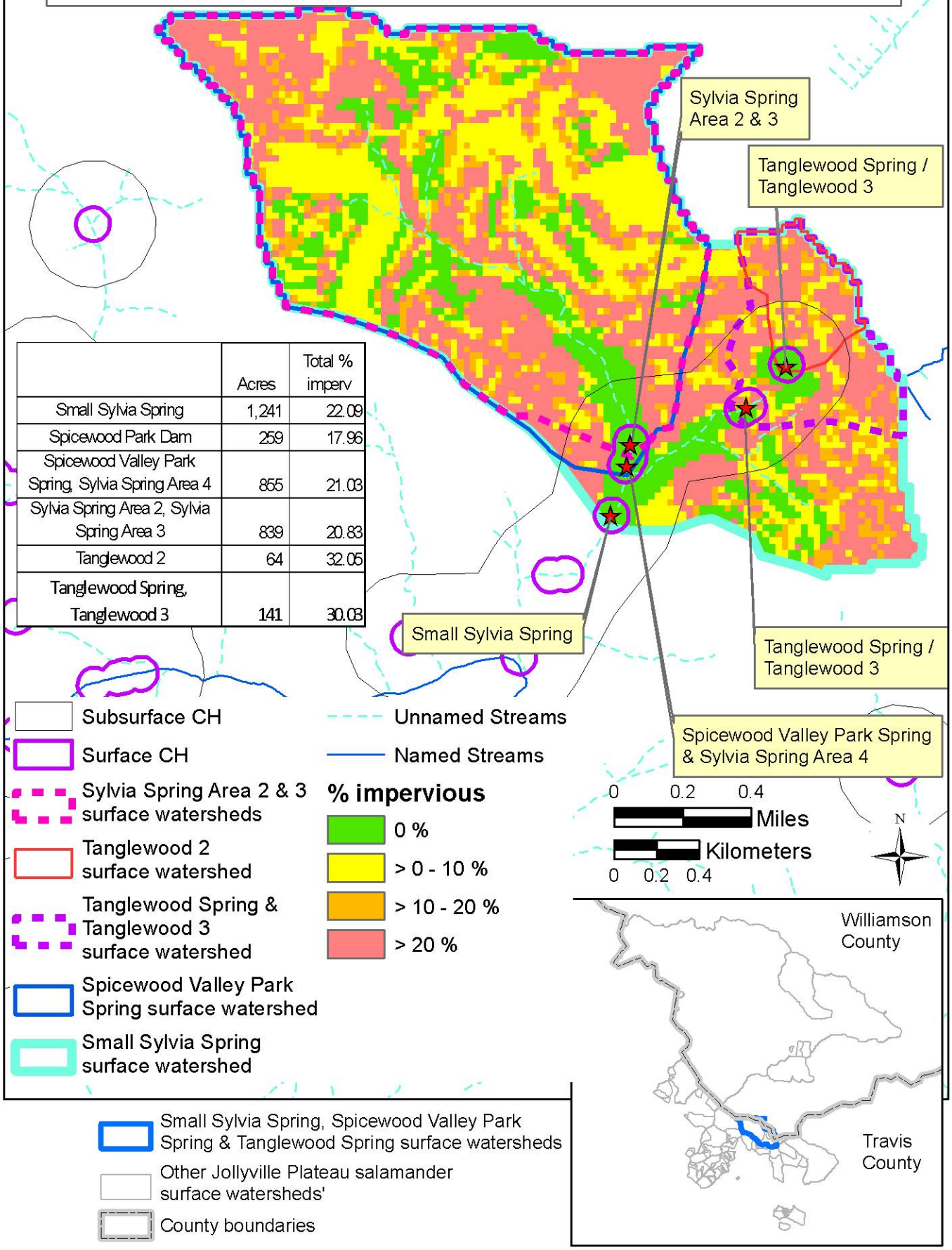

PC Spring
Surface watershed - 1,630 acres
Total % impervious - 11.68 percent
PC Spring
Subsurface CH
Surface CH
PC Spring surface watershed
Unnamed Streams
Named Streams
% impervious
0 %
> 0 - 10 %
> 10 - 20 %
> 20 %
0 0.2 0.4
Miles
Kilometers
0 0.2 0.4
N
Williamson County
Travis County
PC Spring surface watersheds
Other Jollyville Plateau salamander surface watersheds'
County boundaries

Kretchmarr Salamander Cave, Trib downstream of Grandview, SAS Canyon

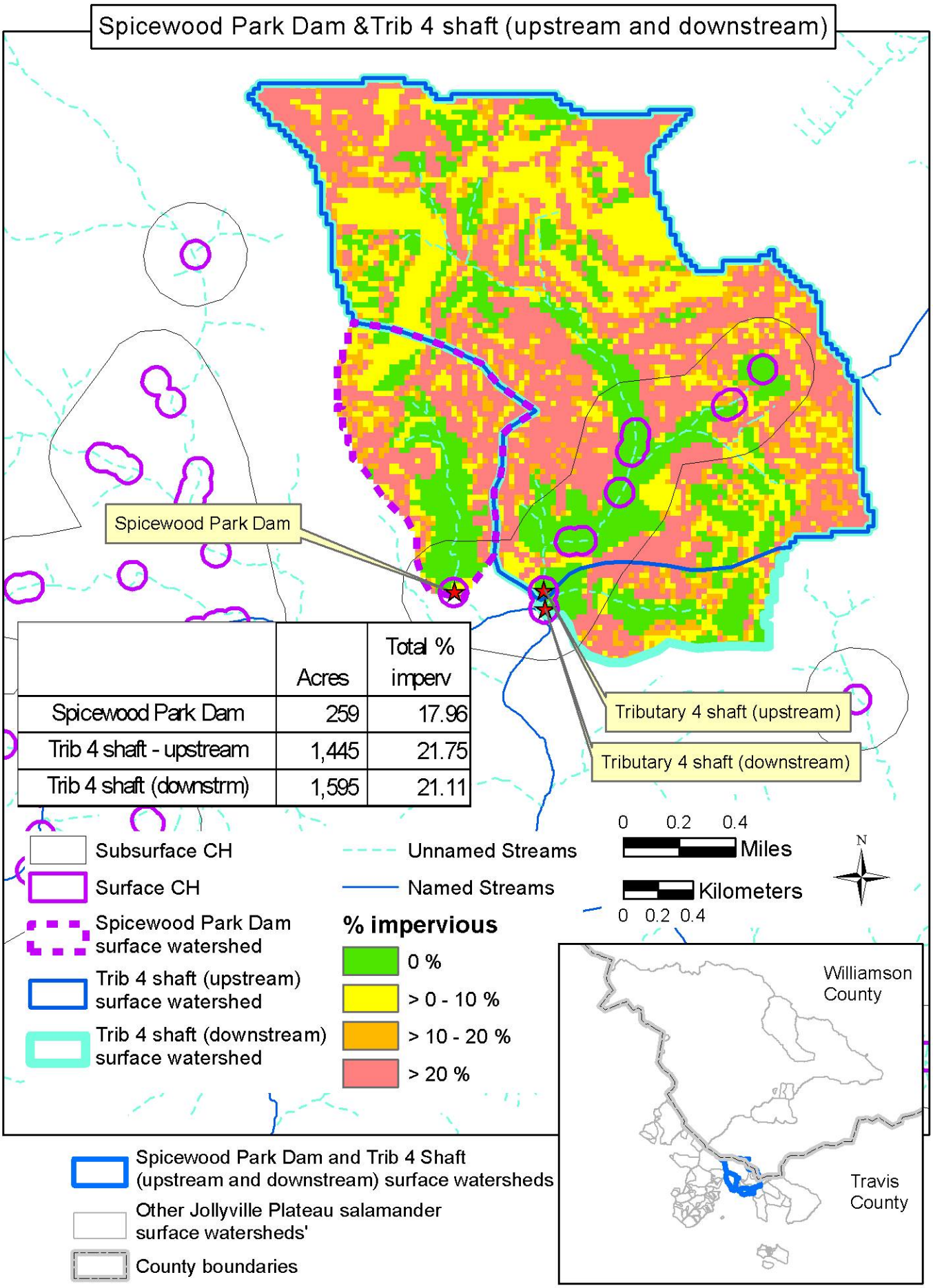


	Acres	Total % imperv
SAS Canyon	68	11.64
Tributary Downstream of Grandview	101	7.89

Small Sylvia Spring; Spicewood Valley Park Spring; Tanglewood Spring; Tanglewood 2 & 3; and Sylvia Spring Area 2, 3, & 4



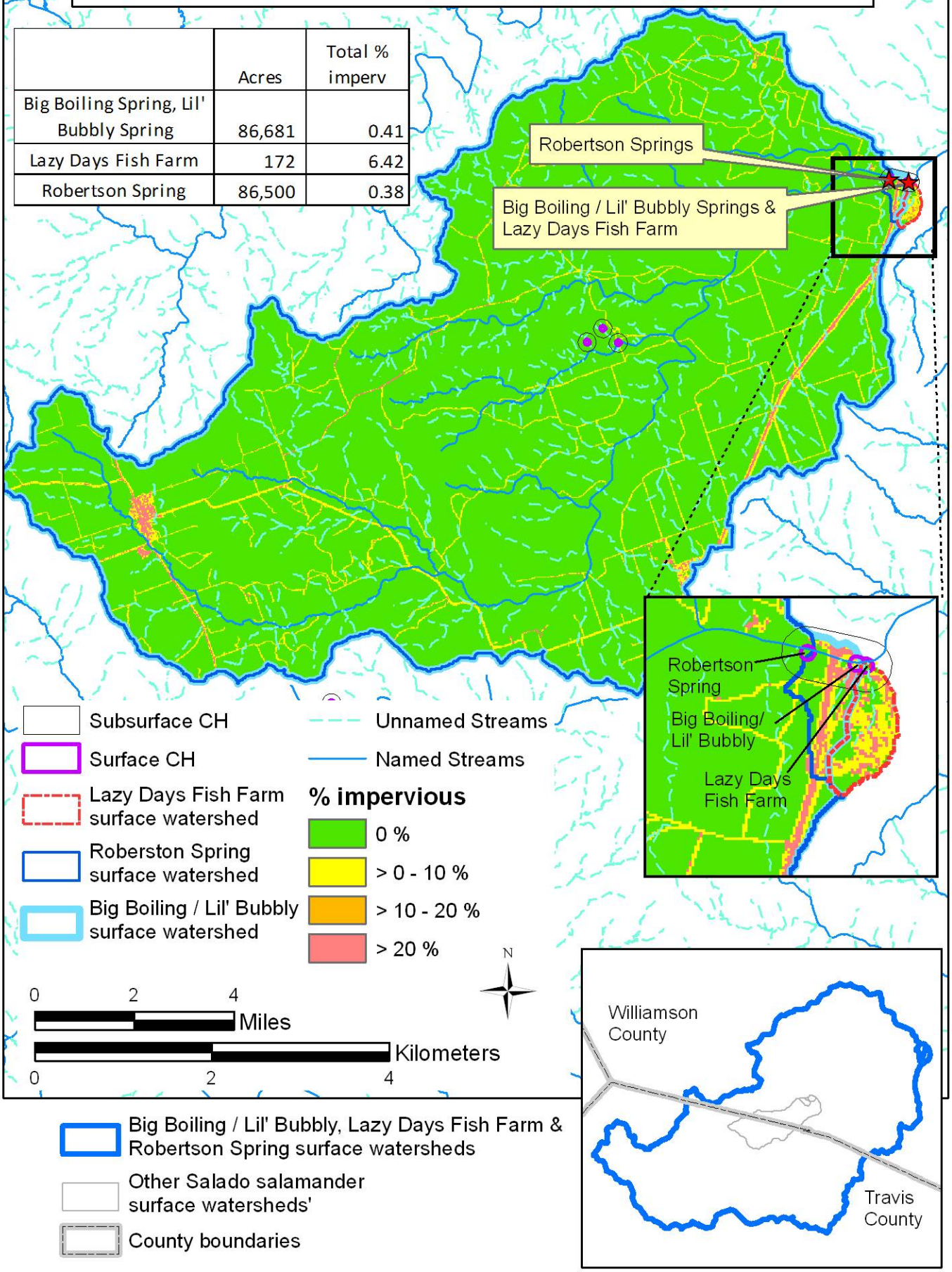
	Acres	Total % imperv
Small Sylvia Spring	1,241	22.09
Spicewood Park Dam	259	17.96
Spicewood Valley Park Spring, Sylvia Spring Area 4	855	21.03
Sylvia Spring Area 2, Sylvia Spring Area 3	839	20.83
Tanglewood 2	64	32.05
Tanglewood Spring, Tanglewood 3	141	30.03



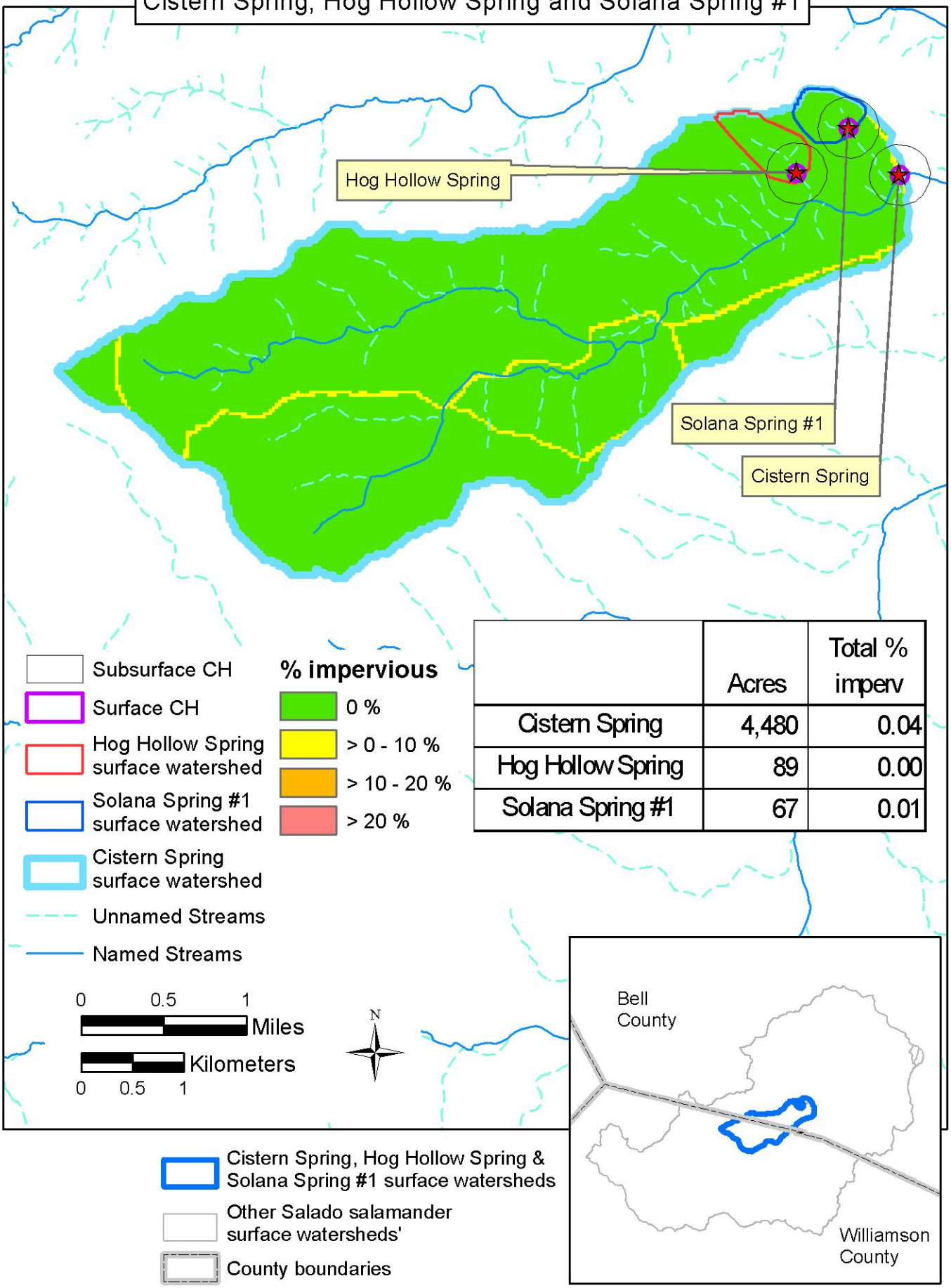
	Acres	Total % imperv
Spicewood Park Dam	259	17.96
Trib 4 shaft - upstream	1,445	21.75
Trib 4 shaft (downstrm)	1,595	21.11

Big Boiling / Lil' Bubbly, Lazy Days Fish Farm and Roberston Spring

	Acres	Total % imperv
Big Boiling Spring, Lil' Bubbly Spring	86,681	0.41
Lazy Days Fish Farm	172	6.42
Robertson Spring	86,500	0.38



Cistern Spring, Hog Hollow Spring and Solana Spring #1



	Acres	Total % imperv
Cistern Spring	4,480	0.04
Hog Hollow Spring	89	0.00
Solana Spring #1	67	0.01