

Alafia River from Alderman Ford Park to HWY 301 Vegetation Assessment Sites

Section - Township - Range
18-30-22

9-11, 13-20 & 24-30-21

9, 10, 15-17, 21, 23 & 24-30-20
18-30-22



River Perimeter
Ground Level
Vegetation Assessment
Sites



EXPLANATION:

Survey Date: August 19, 2010 and
September 1, 2010

River Gage height was 15.79 ft
above sea level at time of assessment at
USGS 02301500.

Contours are expressed in absolute depth
below this level.

RIVER MORPHOLOGY:

Perimeter 224,496.8 ft;

Area 242.66 Acres

Mean Depth 6.28 ft;

Volume 242.7 Acre-ft, (384,093,598 gallons);

Deepest point 29.14 ft

DATA SOURCES:

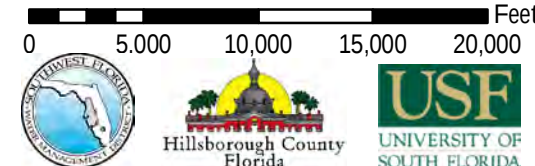
2007 aerial photography provided by the
SWFWMD.

River perimeter digitized from SWFWMD
2007 aerial photographs.

All survey data collected by and contours
generated by the Florida Center
for Community Design and Research.

DISCLAIMER:

This map is for illustrative purposes only,
and should not be used for river navigation.



Alafia River Stream Water Watch Sites

Alafia River - US Highway 301

Alafia River - Church Drive

Alafia River - Ethyl Street

Alafia River - Alafia Ridge Road

Alafia River - McMullen Loop Road

Alafia River - River Hills Parkway

Alafia River - Turkey Creek Road

Alafia River - Lithia Springs Park

Alafia- Oak River Circle

Alfia River - Enders Dock

Alafia River - Bell Shoals Road

Alafia River N. Prong - Alderman Ford Park

Alafia River S. Prong - Alderman Ford

Alafia River - Rice Creek

Alafia River - Riverview Park and Civic Center

Legend

-  StreamWater Watch Sites
-  Vegetation Assessment Sites
-  Alafia River Perimeter

0 5,000 10,000 15,000 20,000 Feet

Figure 1

Alafia River Vegetation
Assessment Sites Near
US Highway 301 SWW Site,
Riverview Park and Civic Center SWW Site,
Rice Creek SWW Site,
Enders Dock SWW Site,
Church Drive SWW Site,
Ethyl Street SWW Site,
Alafia Ridge Road SWW Site
and McMullen Loop Road SWW Site

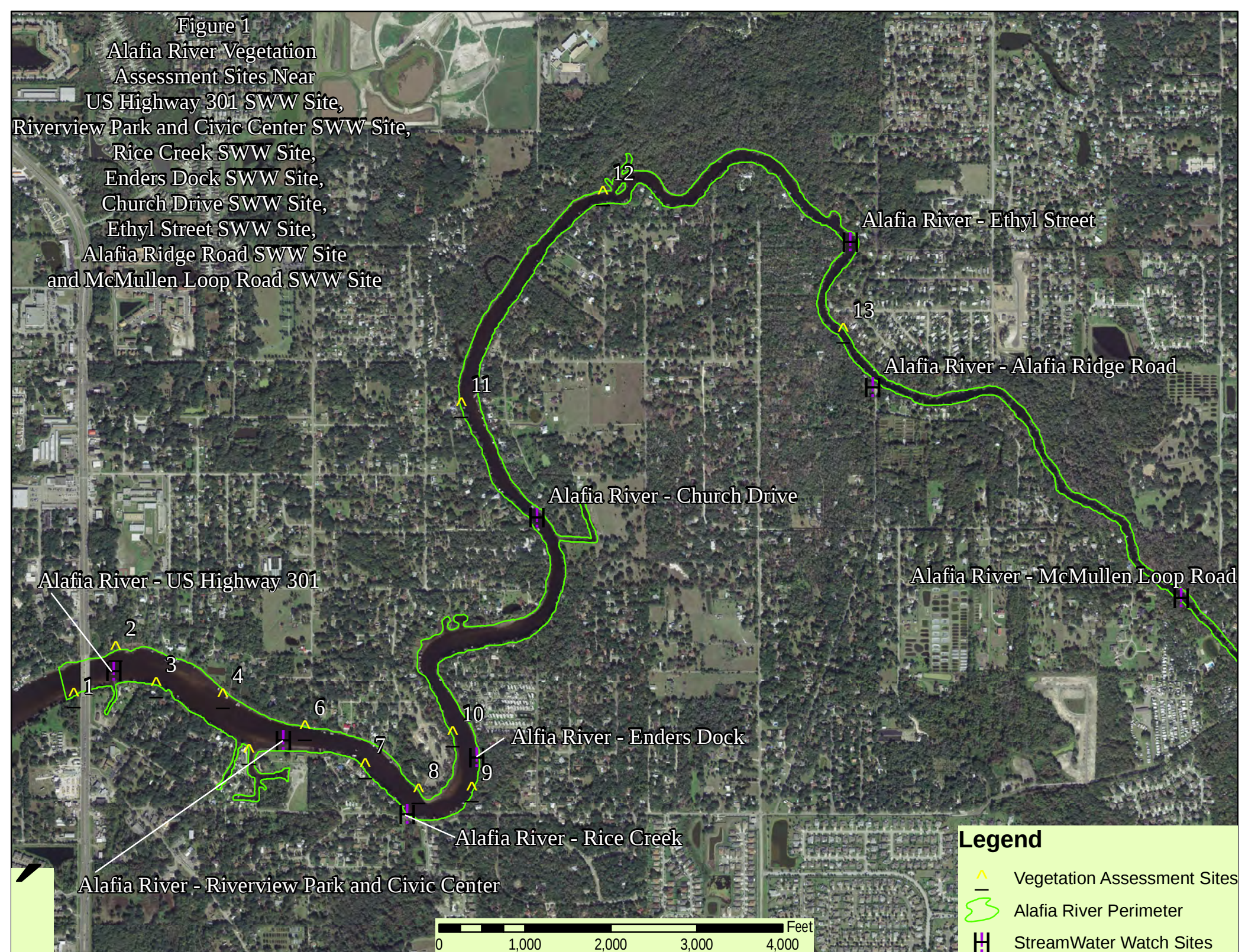


Figure 2
Alafia River Vegetation
Assessment Sites Near
Bell Shoals Road SWW Site
and
Oak River Circle SWW Site

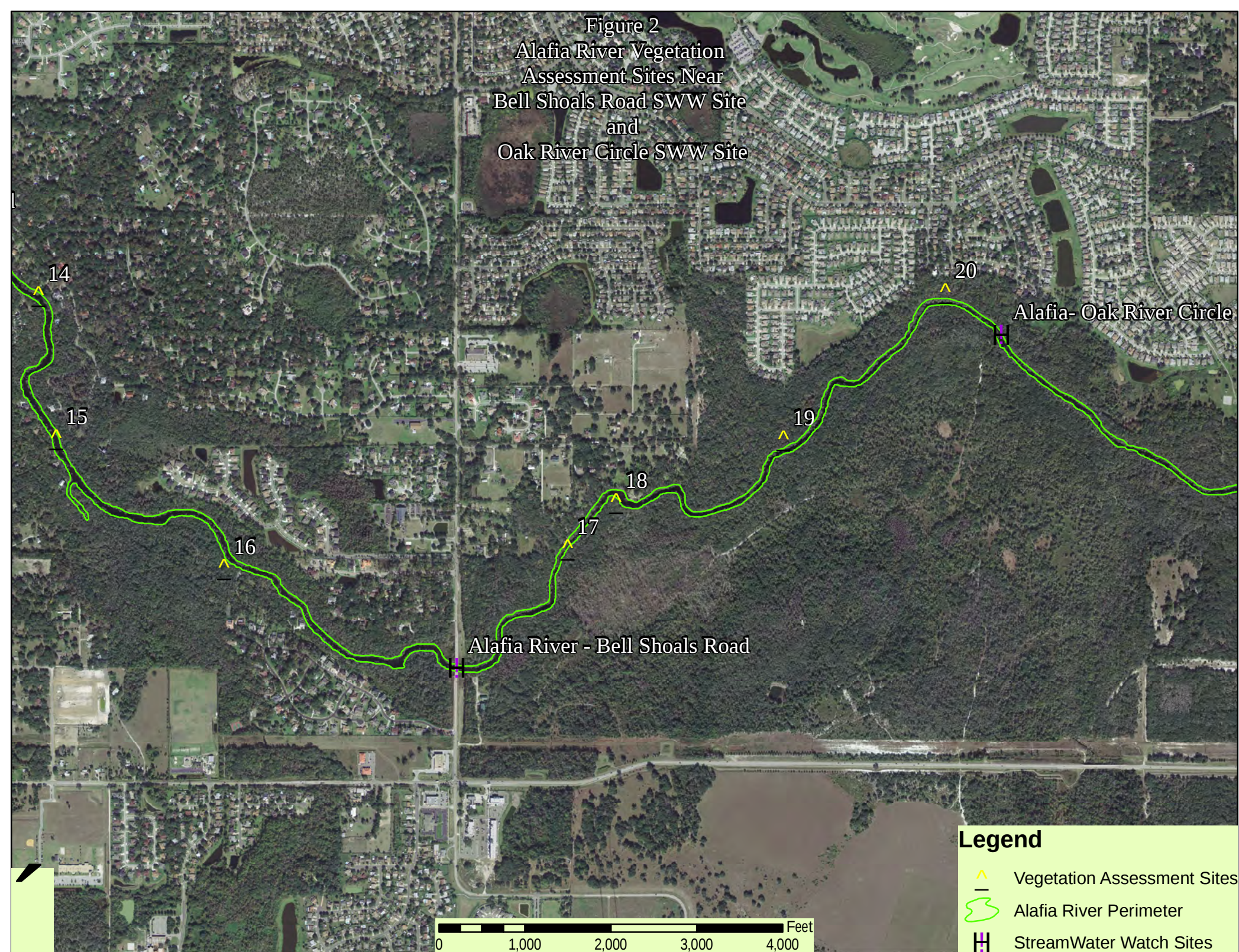


Figure 3
Alafia River Vegetation
Assessment Sites Near
Lithia Springs Park SWW Site
and
River Hills Parkway SWW Site

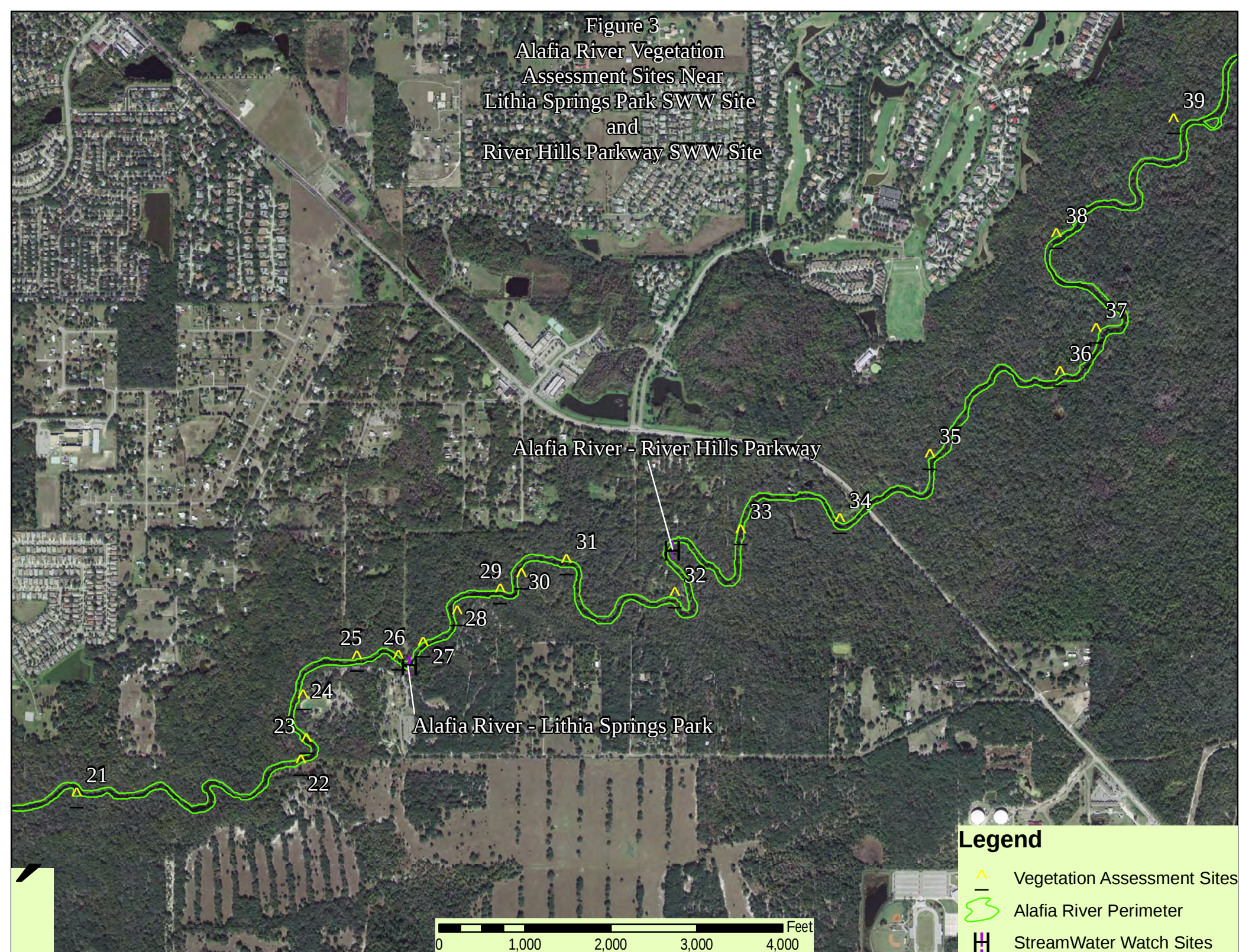


Figure 4
Alafia River Vegetation
Assessment Sites Near
Turkey Creek Road SWW Site



Growth type	Plant Species Code	Plant Species	Common Name	US Highway 301 SWSW Site												Riverside Park and Civic Center SWSW Site	Rice Creek SWSW Site	Percent Occurrence	(N) Native, (NN) Non-native, (I) Invasive, (P) Pest
				US Highway 301 SWSW Site															
				1	2	3	4	5	6	7	8	9	10	11	12				
Emergent	AGE	Juncus roemerianus	Salt Marsh, Cabbage Palm														100.00%		
Emergent	GA	Quercus garlandiana	Live Oak														93.48%		
Emergent	TDH	Taxodium distichum	Bald Cypress														79.02%		
Emergent	FCA	Fragaria caroliniana	Pink Algae														69.57%		
Emergent	LIA	Liriodendron latifolium	Yellow Poplar														67.39%	NB/I	
Emergent	LJO	Liquidambar styraciflua	Sweetgum														65.22%	NB	
Emergent	ALA	Alnus incana	White Alder														60.61%		
Emergent	AAA	Alnus arbuscula	White Alder														58.70%		
Emergent	SAM	Smilax sp.	Climbing Smilax														58.70%		
Emergent	AVA	Arundo donax	Reed														58.20%	NB	
Emergent	HTH	Hydrocotyle verticillata	Spotted Water Hens														45.65%		
Emergent	PEP	Pennisetum polystachion	St. Johns Wort														45.65%		
Emergent	COS	Cyperus bispinosus	Common Bulrush														43.48%	NB	
Emergent	BCH	Baccharis floribunda	Common Broomrape														41.20%		
Emergent	HCI	Hemlock (Hemlock)	Slender Yellow Birch														41.20%		
Emergent	LIM	Liriodendron latifolium	Live Oak														41.20%	NB/I	
Emergent	FWO	Fragaria virginiana	Wild Strawberry														41.20%	NB/I	
Emergent	WTA	Wormwood (Wormwood)	Wormwood														41.20%	NB/I	
Emergent	ABA	Abies balsamea	Balsam Fir														36.50%	NB/I	
Emergent	CEA	Celtis occidentalis	Winged Elm														36.50%	NB/I	
Emergent	COU	Cornus florida	Flowering Dogwood														36.50%	NB/I	
Emergent	VVA	Vitis rotundifolia	American Grape														36.50%	NB/I	
Emergent	AMM	Amorpha canescens	False Indigo														36.50%	NB/I	
Emergent	AMM	Amorpha canescens	False Indigo														36.50%	NB/I	
Emergent	CA	Celastrus occidentalis	Wax Myrtle														36.50%	NB/I	
Emergent	NEA	Nerium oleander	Flamingo Flower														36.50%	NB/I	
Emergent	CCA	Cornus canadensis	Wax Myrtle														36.50%	NB/I	
Emergent	RN	Rhus glabra	Wax Myrtle														26.09%		
Emergent	PCA	Pinus strobus	White Pine														23.54%		
Emergent	CAO	Carya ovata	Walnut														21.74%		
Emergent	URS	Urtica dioica	Stinging Nettle														21.74%		
Emergent	OMA	Ostrya virginica	White Oak														21.74%		
Emergent	SHA	Salix herbacea	Slender Willow														21.74%		
Emergent	KCE	Kalmia latifolia	Wax Myrtle														18.57%		
Emergent	AEI	Asplenium platyneuron	Wax Myrtle														18.57%		
Emergent	ABM	Abies balsamea	Balsam Fir														18.57%	NB/I	
Emergent	ENC	Erica tetralix	Wax Myrtle														18.57%		
Emergent	BD	Betula sp.	Betula														17.39%		
Emergent	MA	Malva sylvestris	Wax Myrtle														17.39%		
Emergent	ITB	Impatiens virginica	Virginia Bluebell														17.39%		
Emergent	TPA	Thalictrum flavum	Flowering Thalictrum														17.39%	NB	
Emergent	MKS	Mitella acuminata	Climbing Hellebore														17.39%	NB	
Emergent	SCB	Sambucus racemosa	Blackberry														17.39%		
Emergent	STS	Schinus molle	Brazilian Pepper														17.39%	NB/I	
Emergent	HVP	Hebe x exoniensis	St. Johns Wort														15.26%		
Emergent	TPV	Thalictrum flavum	Flowering Thalictrum														15.26%		
Emergent	TKS	Thalictrum flavum	Flowering Thalictrum														15.26%		
Emergent	AKS	Asplenium platyneuron	Wax Myrtle														14.04%		
Emergent	RHA	Rubus odoratus	Strawberry														14.04%		
Emergent	CMC	Cornus amomum	Wax Myrtle														13.44%	NB/I	
Emergent	CVS	Cypripedium	Scarlet Pimpernel														13.44%		
Emergent	PLA	Plantago lanceolata	Plantain														13.44%	NB/I	
Emergent	POL	Polygonum	Smartweed														13.44%		
Emergent	SCS	Scirpus setosus	Burreed														13.44%		
Emergent	TAS	Taxodium distichum	Bald Cypress														13.44%		
Emergent	CFL	Ceanothus floribundus	Ceanothus														10.87%		
Emergent	CLA	Ceanothus floribundus	Ceanothus														10.87%	NB/I	
Emergent	RCE	Rubus cuneifolius	Blackberry														10.87%		
Emergent	PLA	Plantago lanceolata	Plantain														10.87%	NB/I	
Emergent	RF	Rubus cuneifolius	Blackberry														10.87%		
Emergent	WAX	Wax Myrtle	Wax Myrtle														10.87%		
Emergent	AKM	Asplenium platyneuron	Wax Myrtle														8.70%		
Emergent	BAA	Betula alba	White Birch														8.70%		
Emergent	BEP	Baccharis floribunda	Common Broomrape														8.70%	NB/I	
Emergent	IMC	Impatiens virginica	Virginia Bluebell														8.70%	NB	
Emergent	BLA	Betula alba	White Birch														8.70%	NB	
Emergent	PLU	Plantago sp.	Plantain														8.70%		
Emergent	SCS	Scirpus setosus	Burreed														8.70%		
Emergent	LMA	Liriodendron latifolium	Live Oak														8.70%	NB	
Emergent	CAA	Ceanothus floribundus	Ceanothus														8.70%		
Emergent	MA	Malva sylvestris	Wax Myrtle														6.52%	NB	
Emergent	MA	Malva sylvestris	Wax Myrtle														6.52%	NB	
Emergent	MA	Malva sylvestris	Wax Myrtle														6.52%	NB	
Emergent	MA	Malva sylvestris	Wax Myrtle														6.52%	NB	
Emergent	MA	Malva sylvestris	Wax Myrtle														6.52%	NB	
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Emergent	MA	Malva sylvestris	Wax Myrtle														6.52%	NB	
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Emergent	MA	Malva sylvestris	Wax Myrtle																

Growth type	Plant Species Code	Plant Species	Common Name	Oak River	Lithia Springs Park SSWW Site										Riverhills Parkway SSWW Site										Turkey Creek Road SSWW Site										Percent Occurrence	(N) Native, (NN) Non native, (I) Invasive (P) Pest
				Circle SSWW Site	Lithia Springs Park SSWW Site										Riverhills Parkway SSWW Site										Turkey Creek Road SSWW Site											
					10	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46				
Emergent	SGP	<i>Sagittaria arifolia</i>	Sagitt Plant, Cuckoo-bell																										100.00% N							
Emergent	QLA	<i>Quercus laevis</i>	Laurel oak																										92.60% N							
Emergent	TDH	<i>Tandium distichum</i>	Bald Cucumber																										10.00% N							
Emergent	PCA	<i>Plantago caroliniana</i>	Pige Ash																										69.57% N							
Emergent	LILA	<i>Liriodendron latifolium</i>	Campbell's Wood																										67.36% NN							
Emergent	LSD	<i>Liquidambar styraciflua</i>	Star Magnolia																										66.23% N							
Emergent	LAA	<i>Liriodendron latifolium</i>	American Elm																										50.00% N							
Emergent	AAA	<i>Asplenium adnigrum</i>	Asplenium																										50.00% N							
Emergent	SMA	<i>Smilax</i> sp.	Calico, Greenbrier																										50.00% N							
Emergent	JVA	<i>Juncus virginiana</i>	Red cord																										50.00% N							
Emergent	HTM	<i>Hemipentameris angustifolia</i>	Fourleaf S. John's Wort																										45.60% N							
Emergent	PJG	<i>Polygonum polakowskyi</i>	Polygonum Fern																										45.60% N							
Emergent	COS	<i>Cornus canadensis</i>	Common Blackberry																										43.80% N							
Emergent	BDC	<i>Betula cordata</i>	Box Elder, Paper Birch																										43.80% N							
Emergent	NCJ	<i>Najas caroliniana</i>	Stemless Moss																										41.20% N							
Emergent	LAM	<i>Liriodendron latifolium</i>	Japanese Chlorophyll Fern																										41.20% N							
Emergent	WFO	<i>Wormwood</i>	Shrub Vine																										41.20% N							
Emergent	WTA	<i>Wormwood</i>	Clematis																										41.20% N							
Emergent	WFO	<i>Wormwood</i>	Shrub Vine																										41.20% N							
Emergent	CEA	<i>Celastrus occidentalis</i>	Wild Taro, Dogwood, Cane																										39.50% NN							
Emergent	WFO	<i>Wormwood</i>	Shrub Vine																										39.50% NN							
Emergent	WFO	<i>Wormwood</i>	Shrub Vine																										39.50% NN							
Emergent	CAM	<i>Cornus americana</i>	Blackberry																										39.50% NN							
Emergent	WFO	<i>Wormwood</i>	Shrub Vine																										39.50% NN							
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Emergent	WFO	<i>Wormwood</i>	Shrub Vine																										39.50% NN							
Emergent	WFO	<i>Wormwood</i>	Shrub Vine																																	

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