

EXHIBIT D

DETERMINATION OF CATEGORICAL EXCLUSION/EXEMPTION  
24 CFR PARTS 58.35(a) AND 58.34(a) (12)  
SUBJECT TO PART 58.5

PROJECT IDENTIFIER (GRANT #, ETC.): Astatula Sidewalk Construction

PROJECT DESCRIPTION (INCLUDE MAP(S)) Construction of sidewalk leading to elementary school.

Maps included in environmental review packet

THE ABOVE DESCRIBED PROJECT IS DETERMINED TO BE CATEGORICALLY EXCLUDED PER 58.35(a). ATTACHED IS THE STATUTORY CHECKLIST TO INDICATE COMPLIANCE WITH PARTS 58.5 AND 58.6. AS NO FURTHER COMPLIANCE WAS REQUIRED FOR 58.5 AND NONE OF THE PART 58.5 FACTORS APPLIED TO THE PROJECT, THE DETERMINATION REVERTS TO AN EXEMPTION, PER 58.34(a) (12) FOR THE ABOVE DESCRIBED PROJECT

AS A RESULT OF THE STATUTORY CHECKLIST ADDRESSING 58.6 ITEMS, THE FOLLOWING MITIGATION MEASURES ARE REQUIRED (IF APPLICABLE):

AS OF THE DATE OF SIGNATURES BELOW, ENVIRONMENTAL CLEARANCE HAS BEEN ACHIEVED FOR THE PROJECT.

Bill Heaving  
SIGNATURE

August 11, 2009  
DATE

### Statutory Checklist

Federal Laws and Authorities listed at Sec. 58.5

Project Name and Identification No. ASTATULA SIDEWALK CONSTRUCTION

Area of Statutory or Regulatory Compliance	Not Applicable to This Project	Consultation Required*	Review Required*	Permits Required*	Determination of consistency Approvals, Permits Obtained*	Conditions and/or Mitigation Actions Required	Provide compliance documentation. Additional material may be attached.
Historic Properties	X						No historic sites located in Astatula. See attachment 2.
Floodplain Management	X						Project not in a floodzone. See attachment 3.
Wetlands Protection	X						Project not in a wetlands area. See attachment 4.
Coastal Zone Management	X						Project site is not located in a coastal zone.
Water Quality - Aquifers	X						Project site is not located in a sole source aquifer area. See attachment 5.
Endangered Species	X						No endangered species noted. Area is developed and along a busy road. See attachment 6.
Wild and Scenic Rivers	X						Project site is not located in Wehiva River system. See attachment 7.
Air Quality	X						Air quality in all of Lake County is very good. See attachment 8.
Farmlands Protection	X						Project in well developed area. No farmland involved.
Manmade Hazards: Thermal/Explosive	X						No equipment that could cause such a hazard is in project site area.
Noise	X						Noise increase during project site construction only.
Airport Clear Zones	X						Closest airport/landing strip is approximately 2.6 miles away. See attachment 9.
Toxic Sites	X						None in area. See attachment 10.
Environmental Justice	X						No disadvantaged individuals being moved or inconvenienced.

\* Attach evidence that required actions have been taken.

### Statutory Checklist

Federal Laws and Authorities listed at Sec. 58.6 and  
Permits, Licenses, Forms of Compliance Under Other Laws - Federal, State and Local

Project Name and Identification No. ASTATULA SIDEWALK CONSTRUCTION

Other Areas of Statutory and Regulatory Compliance Applicable to Project	Not Applicable to This Project	Consultation Required*	Review Required*	Permits Required*	Determination of consistency Approvals, Permits Obtained*	Conditions and/or Mitigation Actions Required	Provide compliance documentation. Additional material may be attached.
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Federal Requirements							
Flood Insurance - 58.6(a)	X						
Coastal Barriers - 58.6(b)	X						
Airport Clear Zone Notification - 58.6(c)	X						
Water Quality	X						
Solid Waste Disposal	X						
Fish and Wildlife	X						

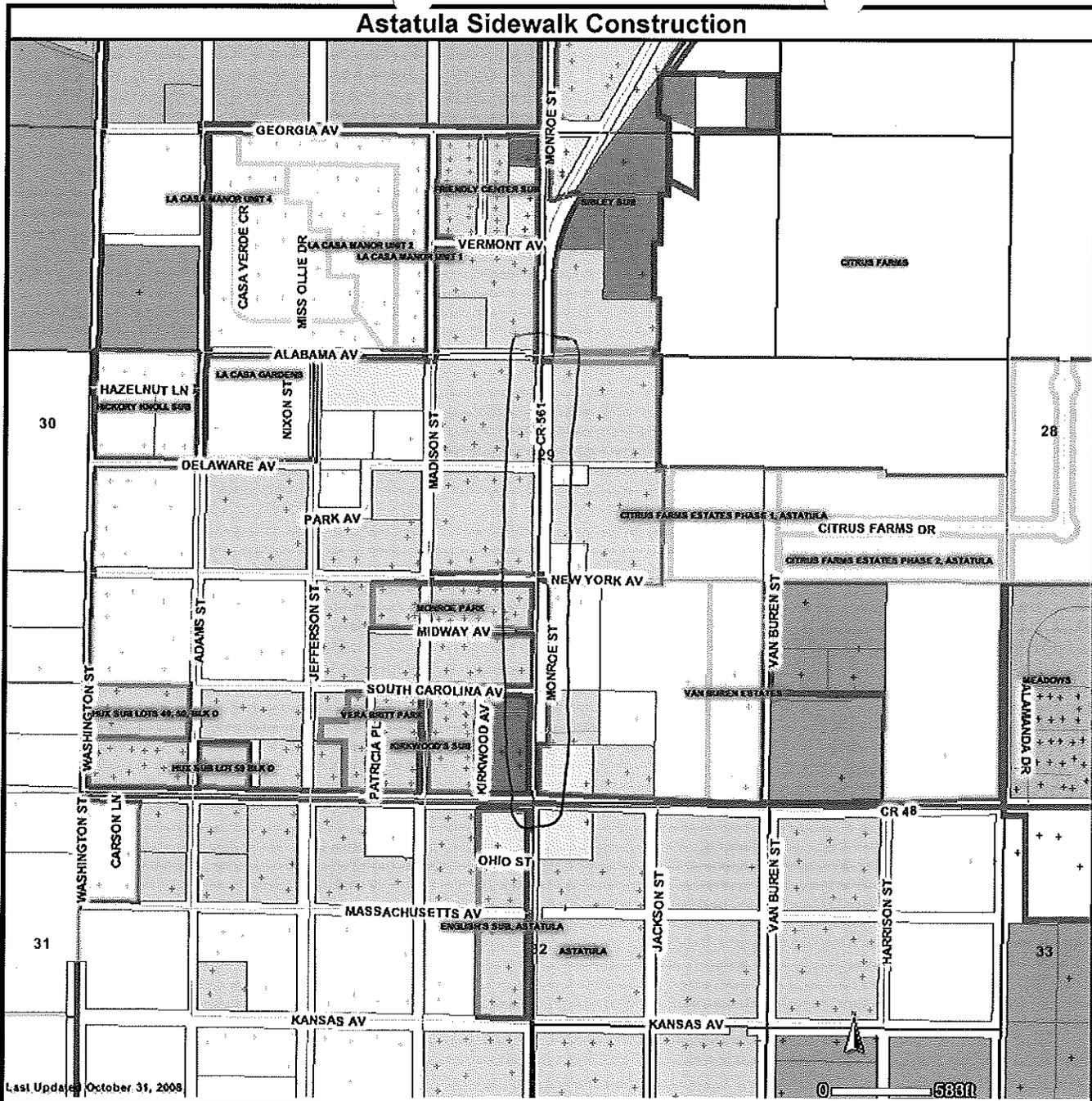
State or Local Statutes (to be added by Responsible Entity)							

Prepared by:  
Bill Gearing  
11 AUG 2009

Title  
Community Enhancement Coordinator

Date:

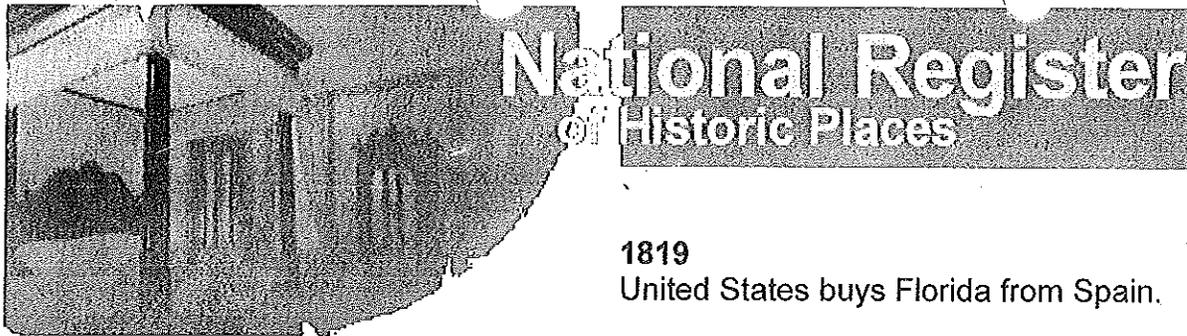
### Astatula Sidewalk Construction



Last Updated: October 31, 2008

<b>LAKE APOPKA LDR</b>		R-1 Single Family Residential District		PF Public Facilities / Utilities District		SUBDIVISION
	Lake Apopka LDR	R-2 Medium Density Residential District		CON Conservation		CONTROL LINES
<b>PROPOSED ZONING</b>		R-3 Mobile Home Park District		<b>+</b> STRUCTURE/ADDRESS		SECTIONS
	AG+CUP	PUD Planned Unit Development District		<b>STREETS</b>		
	Agriculture (cont)	C-1 Neighborhood Commercial District			BUILT	
		C-2 General Commercial District			PLATTED NOT BUILT	
		IND Industrial (cont)				

Attachment 1



1819

United States buys Florida from Spain.

State Listings

Historic Districts

Travel Sites

Vacant/Not in Use

## FLORIDA - Lake County

**Bowers Bluff Middens Archeological District \*\* (added 1980 - Site - #80000952)**

Address Restricted, Astor

Historic Significance: Information Potential

Area of Significance: Prehistoric

Cultural Affiliation: Mt. Taylor, St. Johns, Orange

Period of Significance: 3000-3499 BC, 2500-2999 BC, 2000-2499 BC, 1500-1999 BC, 1000-1499 BC, 500-999 BC

Owner: Federal

Historic Function: Agriculture/Subsistence

Historic Sub-function: Fishing Facility Or Site

Current Function: Landscape

Current Sub-function: Conservation Area

**Campbell House (added 1999 - Building - #99001298)**

Also known as **Valentine House**

3147 Co. Rd. 470, Okahumpka

Historic Significance: Event, Architecture/Engineering

Architectural Style: Other

Area of Significance: Community Planning And Development, Architecture

Period of Significance: 1875-1899, 1900-1924, 1925-1949

Owner: Private

Historic Function: Domestic

Historic Sub-function: Single Dwelling

Current Function: Domestic

Current Sub-function: Single Dwelling

**Clermont Woman's Club (added 1993 - Building - #92001747)**

655 Broome St., Clermont

Historic Significance: Event

Area of Significance: Social History

Period of Significance: 1900-1924, 1925-1949

Owner: Local Gov't

Historic Function: Recreation And Culture, Social

Historic Sub-function: Clubhouse, Outdoor Recreation

Current Function: Social

Current Sub-function: Clubhouse

Attachment 2

 **Clifford House** (added 1975 - **Building** - #75000559)  
Also known as **Clifford-Taylor House**  
536 N. Bay St., Eustis

Historic Significance: Architecture/Engineering, Person  
Architect, builder, or engineer: Unknown  
Architectural Style: Classical Revival  
Historic Person: Clifford, Guilford David  
Significant Year: 1910  
Area of Significance: Architecture  
Period of Significance: 1900-1924  
Owner: Private  
Historic Function: Domestic  
Historic Sub-function: Single Dwelling  
Current Function: Domestic  
Current Sub-function: Single Dwelling

 **Donnelly House \*\*\*** (added 1975 - **Building** - #75000560)  
Also known as **Mt. Dora Lodge #238 F&AM**  
Donnelly Ave., Mount Dora

Historic Significance: Architecture/Engineering  
Architect, builder, or engineer: Barber, George F.  
Architectural Style: Queen Anne, Stick/Eastlake  
Area of Significance: Architecture  
Period of Significance: 1875-1899  
Owner: Private  
Historic Function: Domestic  
Historic Sub-function: Single Dwelling  
Current Function: Social  
Current Sub-function: Clubhouse

 **Duncan, Harry C., House** (added 1997 - **Building** - #97000860)  
Also known as **LA2027**  
426 Lake Dora Dr., Tavares

Historic Significance: Person, Architecture/Engineering  
Architect, builder, or engineer: Coven, L.G., Budd, Katharine Cotheal  
Architectural Style: Late 19th And 20th Century Revivals, Colonial Revival  
Historic Person: Duncan, Harry C.  
Significant Year: 1940, 1925  
Area of Significance: Architecture, Community Planning And Development  
Period of Significance: 1925-1949  
Owner: Private  
Historic Function: Domestic  
Historic Sub-function: Single Dwelling  
Current Function: Domestic  
Current Sub-function: Hotel

 **Edge House** (added 2006 - **Building** - #06000917)  
Also known as **LA3407**  
1218 W. Broad St., Groveland

Historic Significance: Architecture/Engineering  
Architect, builder, or engineer: Edge, Elliot E.  
Architectural Style: Queen Anne

Area of Significance: Architecture  
 Period of Significance: 1900-1924  
 Owner: Private  
 Historic Function: Domestic  
 Historic Sub-function: Single Dwelling  
 Current Function: Commerce/Trade  
 Current Sub-function: Business

**Eustis Commercial Historic District** (added 2005 - **District** - #05000654)  
 Roughly Lake Eustis, McDonald Ave., Grove St., Orange Ave., Eustis

Historic Significance: Event, Architecture/Engineering  
 Architect, builder, or engineer: McDonough, Alan  
 Architectural Style: Early Commercial, Classical Revival  
 Area of Significance: Architecture, Community Planning And Development  
 Period of Significance: 1875-1899, 1900-1924, 1925-1949, 1950-1974  
 Owner: Private, Local Gov't  
 Historic Function: Commerce/Trade, Government, Recreation And Culture  
 Historic Sub-function: Business, Department Store, Financial Institution, Music Facility, Professional, Specialty Store  
 Current Function: Commerce/Trade, Government, Recreation And Culture  
 Current Sub-function: Business, City Hall, Department Store, Financial Institution, Music Facility, Professional, Specialty Store

**Ferran Park and the Alice McClelland Memorial Bandshell \*\*** (added 1994 - **Site** - #94000625)

Also known as **Eustis Bandshell;8LA978**  
 Jct. of Ferran Park Rd. and Orange Ave., Eustis

Historic Significance: Architecture/Engineering, Event  
 Architect, builder, or engineer: MacDonough, Alan J.  
 Architectural Style: Mission/Spanish Revival  
 Area of Significance: Architecture, Community Planning And Development  
 Period of Significance: 1900-1924, 1925-1949  
 Owner: Local Gov't  
 Historic Function: Landscape, Recreation And Culture  
 Historic Sub-function: Music Facility, Outdoor Recreation, Park  
 Current Function: Landscape, Recreation And Culture  
 Current Sub-function: Music Facility, Outdoor Recreation, Park

**Harper House** (added 2004 - **Building** - #04000969)

Also known as **LA00473**  
 17408 E. Porter Ave., Montverde

Historic Significance: Event, Person, Architecture/Engineering  
 Architectural Style: Other  
 Historic Person: Harper, Reuben Wyatt  
 Significant Year: 1880, 1892, 1885  
 Area of Significance: Architecture, Exploration/Settlement, Commerce  
 Period of Significance: 1875-1899, 1900-1924, 1925-1949, 1950-1974  
 Owner: Private  
 Historic Function: Commerce/Trade, Domestic, Government  
 Historic Sub-function: Department Store, Post Office, Single Dwelling  
 Current Function: Domestic  
 Current Sub-function: Single Dwelling

**Holy Trinity Episcopal Church \*\* (added 1974 - Building - #74000646)**  
Spring Lake Rd., Fruitland Park

Historic Significance: Event, Architecture/Engineering  
Architect, builder, or engineer: Unknown  
Architectural Style: Gothic Revival  
Area of Significance: Religion, Architecture  
Period of Significance: 1875-1899  
Owner: Private  
Historic Function: Religion  
Historic Sub-function: Religious Structure  
Current Function: Religion  
Current Sub-function: Religious Structure

**Howey House \*\* (added 1983 - Building - #83001426)**  
Citrus St., Howey in the Hills

Historic Significance: Architecture/Engineering, Person  
Architect, builder, or engineer: Budd, Katherine Cotheal  
Architectural Style: Other, Late 19th And 20th Century Revivals  
Historic Person: Multiple  
Significant Year: 1925  
Area of Significance: Agriculture, Politics/Government, Architecture  
Period of Significance: 1925-1949  
Owner: Private  
Historic Function: Domestic  
Historic Sub-function: Secondary Structure, Single Dwelling  
Current Function: Domestic  
Current Sub-function: Secondary Structure, Single Dwelling

**Kimball Island Midden Archeological Site \*\* (added 1979 - Site - #79000675)**  
Address Restricted, Astor

Historic Significance: Information Potential  
Area of Significance: Prehistoric  
Cultural Affiliation: Mt. Taylor  
Period of Significance: 3000-3499 BC, 2500-2999 BC, 2000-2499 BC  
Owner: Federal  
Historic Function: Agriculture/Subsistence  
Historic Sub-function: Fishing Facility Or Site  
Current Function: Landscape  
Current Sub-function: Conservation Area

**Lake County Courthouse (added 1998 - Building - #98001199)**  
Also known as **Old Lake County Courthouse; LA2123**  
315 W. Main St., Tavares

Historic Significance: Event, Architecture/Engineering  
Architect, builder, or engineer: Macdonough, Alan J.  
Architectural Style: Classical Revival  
Area of Significance: Politics/Government, Community Planning And Development, Architecture  
Period of Significance: 1900-1924, 1925-1949  
Owner: Local Gov't  
Historic Function: Government, Recreation And Culture  
Historic Sub-function: Courthouse, Monument/Marker  
Current Function: Government, Recreation And Culture

Current Sub-function: Government Office, Monument/Marker, Museum

**Lakeside Inn** (added 1987 - **Building** - #87000481)  
100 N. Alexander St., Mount Dora

Historic Significance: Event, Architecture/Engineering  
Architect, builder, or engineer: Wentworth, Frederick  
Architectural Style: No Style Listed  
Area of Significance: Architecture, Commerce  
Period of Significance: 1875-1899, 1900-1924, 1925-1949  
Owner: **Private**  
Historic Function: Domestic  
Historic Sub-function: Hotel  
Current Function: Domestic  
Current Sub-function: Hotel

**Lee School** (added 1995 - **Building** - #95000024)  
Also known as **Lee Adult Education Center**  
207 N. Lee St., Leesburg

Historic Significance: Event, Architecture/Engineering  
Architect, builder, or engineer: Carr, W. H.  
Architectural Style: Colonial Revival  
Area of Significance: Education, Architecture  
Period of Significance: 1900-1924, 1925-1949  
Owner: **Local Gov't**  
Historic Function: Education  
Historic Sub-function: School  
Current Function: Education  
Current Sub-function: School

**Methodist Episcopal Church, South, at Umatilla** (added 2000 - **Building** - #99001707)  
Also known as **First United Methodist Church of Umatilla**  
100 W. Guerrant St., Umatilla

Historic Significance: Architecture/Engineering  
Architect, builder, or engineer: Rice, Ira A.  
Architectural Style: Other  
Area of Significance: Architecture  
Period of Significance: 1900-1924  
Owner: **Private**  
Historic Function: Religion  
Historic Sub-function: Religious Structure  
Current Function: Religion  
Current Sub-function: Religious Structure

**Mote--Morris House** (added 1974 - **Building** - #74000647)  
1021 N. Main St., Leesburg

Historic Significance: Architecture/Engineering  
Architect, builder, or engineer: Unknown  
Architectural Style: No Style Listed  
Area of Significance: Architecture  
Period of Significance: 1875-1899  
Owner: **Private**

Historic Function: Domestic  
Historic Sub-function: Single Dwelling  
Current Function: Domestic  
Current Sub-function: Single Dwelling

**Mount Dora A. C. L. Railroad Station, Old** (added 1992 - **Building** - #92000099)

Also known as **Mount Dora Chamber of Commerce**  
341 Alexander St., Mount Dora

Historic Significance: Event  
Area of Significance: Transportation  
Period of Significance: 1900-1924  
Owner: Private  
Historic Function: Transportation  
Historic Sub-function: Rail-Related  
Current Function: Commerce/Trade  
Current Sub-function: Professional

**Norton, Gould Hyde, House** (added 1997 - **Building** - #97000433)

Also known as **/LA2026**  
1390 E. Lakeview Dr., Eustis

Historic Significance: Person, Architecture/Engineering  
Architectural Style: Italianate  
Historic Person: Norton, Colonel Gould Hyde  
Significant Year: 1880  
Area of Significance: Exploration/Settlement, Agriculture, Architecture  
Period of Significance: 1875-1899, 1900-1924, 1925-1949  
Owner: Private  
Historic Function: Domestic  
Historic Sub-function: Single Dwelling  
Current Function: Domestic  
Current Sub-function: Hotel

**Pendleton, William Kimbrough, House** (added 1983 - **Building** - #83001427)

Also known as **The Palms**  
1208 Chesterfield Rd., Eustis

Historic Significance: Event, Architecture/Engineering  
Architect, builder, or engineer: Pendleton, William Kimbrough  
Architectural Style: Queen Anne  
Area of Significance: Religion, Agriculture, Education, Architecture  
Period of Significance: 1875-1899  
Owner: Private  
Historic Function: Agriculture/Subsistence, Domestic  
Historic Sub-function: Agricultural Fields, Single Dwelling  
Current Function: Domestic  
Current Sub-function: Single Dwelling

**Phares, Andrew Jackson, House** (added 1978 - **Building** - #78003529)

Lake Shore Dr., Yalaha

Owner: Private

**Purdy Villa** (added 2004 - **Building** - #04000143)

 Also known as **FMSF# LA2797**  
3045 Eudora Rd., Eustis

Historic Significance: Architecture/Engineering  
Architect, builder, or engineer: Clifford, G.D., builder  
Architectural Style: Other  
Area of Significance: Architecture  
Period of Significance: 1875-1899  
Owner: Private  
Historic Function: Domestic  
Historic Sub-function: Single Dwelling  
Current Function: Domestic  
Current Sub-function: Single Dwelling

 **Taylor, Moses J., House** (added 1997 - **Building** - #97000840)  
Also known as **Dreamspinner Bed and Breakfast Inn;LA2025**  
117 Diedrich St., Eustis

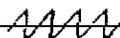
Historic Significance: Event, Person, Architecture/Engineering  
Architectural Style: Italianate  
Historic Person: Taylor, Moses J. Jr.  
Significant Year: 1881  
Area of Significance: Exploration/Settlement, Architecture  
Period of Significance: 1875-1899, 1900-1924  
Owner: Private  
Historic Function: Domestic  
Historic Sub-function: Single Dwelling  
Current Function: Domestic  
Current Sub-function: Hotel

 **Woman's Club of Eustis** (added 1991 - **Building** - #91001006)  
Also known as **8La490**  
227 N. Center St., Eustis

Historic Significance: Event, Architecture/Engineering  
Architect, builder, or engineer: MacDonough, Alan J.  
Architectural Style: Classical Revival  
Area of Significance: Architecture, Social History  
Period of Significance: 1925-1949  
Owner: Private  
Historic Function: Social  
Historic Sub-function: Clubhouse  
Current Function: Social  
Current Sub-function: Clubhouse

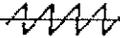
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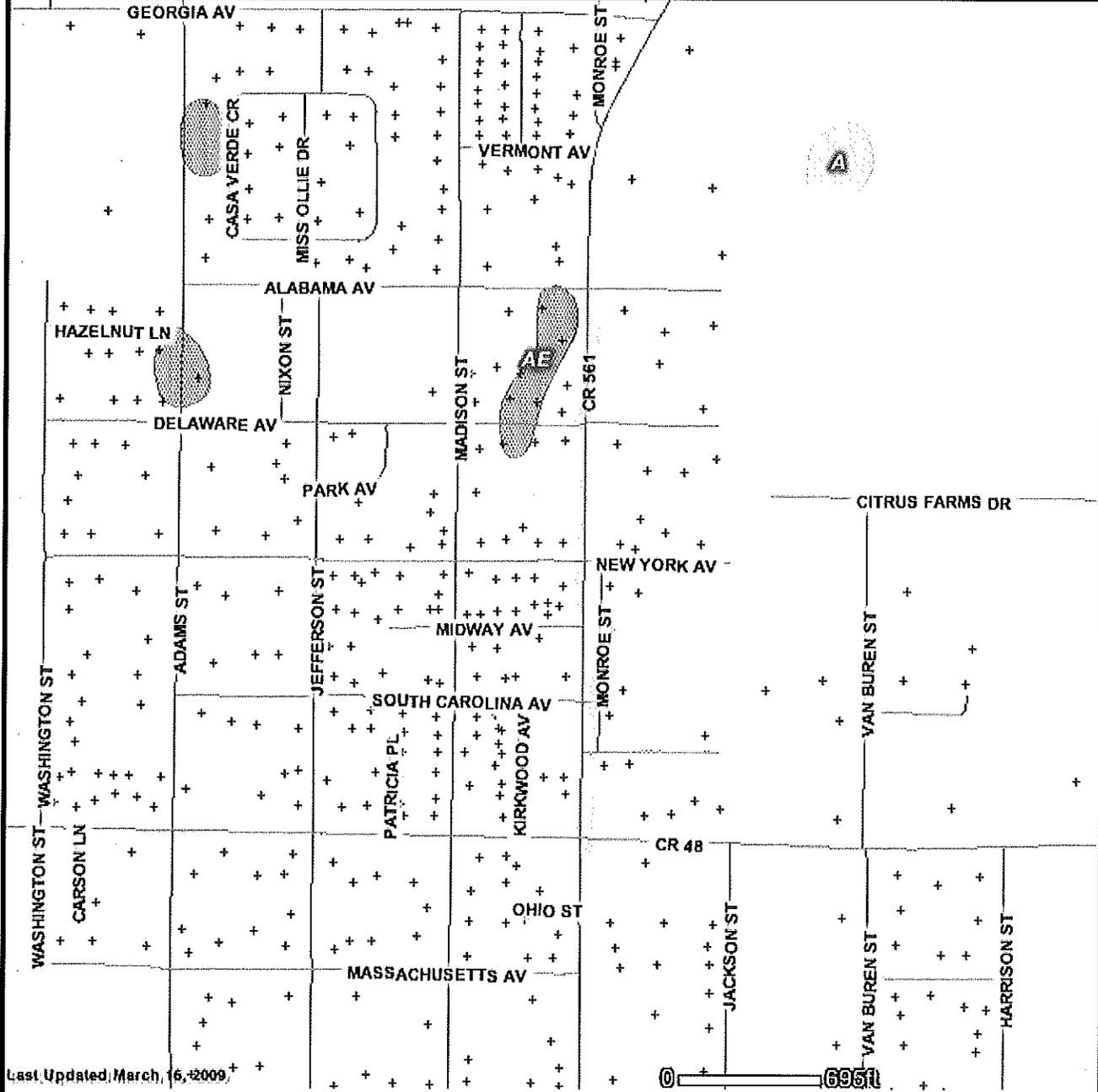
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### Astatula Sidewalk Construction - Flood Zone



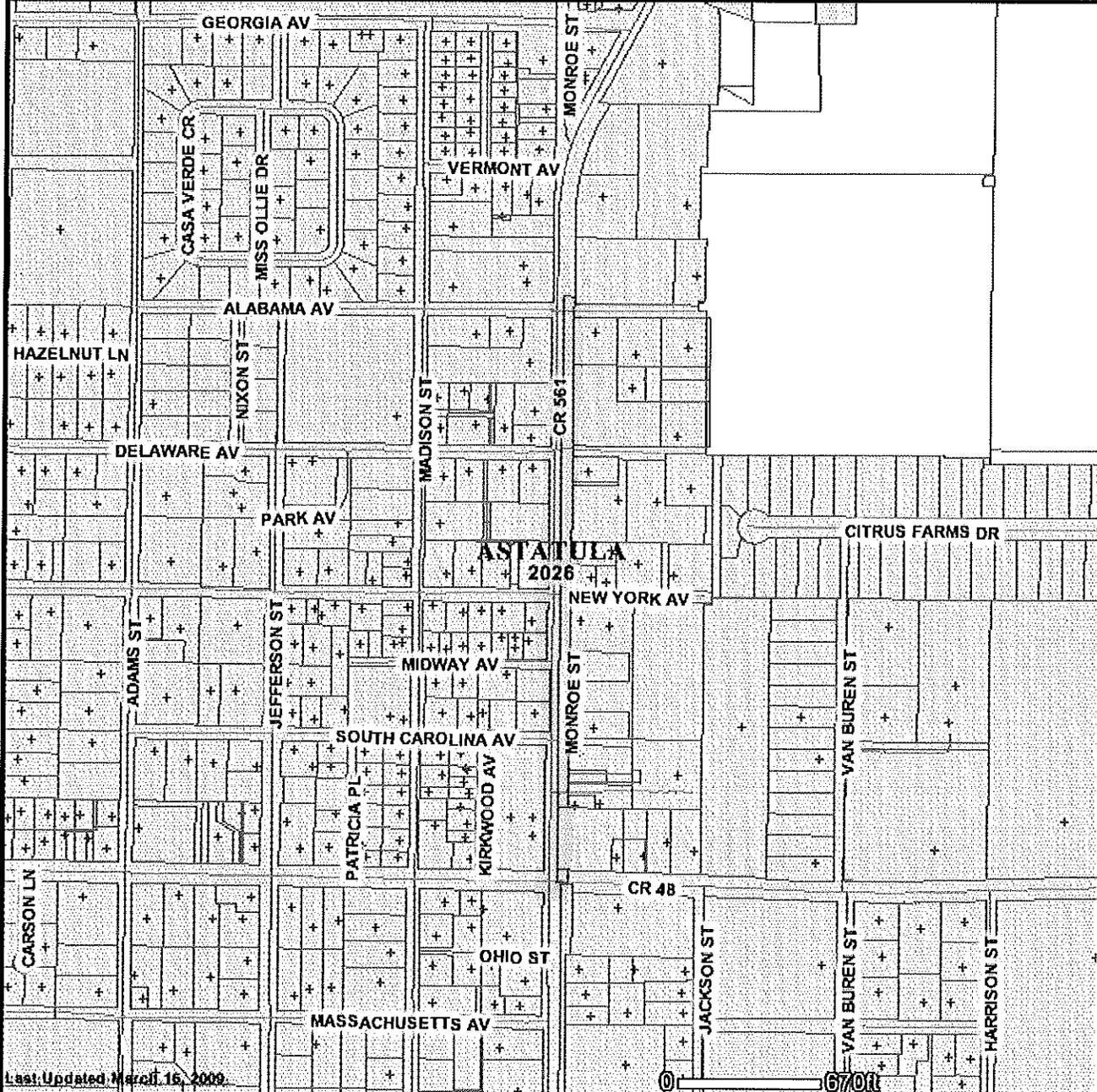
Last Updated March 15, 2009

0 695ft

<p>+ STRUCTURE/ADDRESS</p> <p>STREETS</p> <p> BUILT</p> <p> PLATTED NOT BUILT</p> <p>LETTER OF MAP AMENDMENT/REVISED</p> <p> LOM - AMENDMENT</p> <p> LOM - CHANGE</p> <p>(cont)</p>	<p><b>LEGEND</b></p> <p> LOM - REVISION</p> <p> LOM - STRUCTURE ONLY</p> <p> LOM - REV BASED ON FILL</p> <p>LAKE MACK REVISED FLOOD PLAIN</p> <p><b>FLOOD ZONE</b></p> <p> A - Elevations undetermined</p> <p> AE - Elevations determined</p> <p> X - 500/100-year flood zone (cont)</p>	<p> FLOODWAY - Flood way</p> <p><b>ASTOR CONTOURS</b></p> <p> Elevation - 8</p> <p> Elevation - 7</p> <p> Elevation - 6</p> <p> Elevation - 5</p> <p> Elevation - 4</p> <p> Elevation - 3</p> <p> Elevation - 2</p> <p>(cont)</p>
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Attachment 3

Astatula Sidewalk Construction - Wetlands



Last Updated March 16, 2009

LEGEND		
PARCELS	GROVELAND	WETLANDS 2006
STRUCTURE/ADDRESS	HOWEY-IN-THE-HILLS	FRESHWATER EMERGENT WETLAND
STREET	LADY LAKE	FRESHWATER FORESTED/SHRUB
LOCAL	LEESBURG	FRESHWATER POND
CITY LIMITS	MASCOTTE	LAKE
ASTATULA	MINNEOLA	RIVERINE
CLERMONT	MONTVERDE	OTHER
EUSTIS	MOUNT DORA	
FRUITLAND PARK (cont)	TAVARES	
	UMATILLA	

Attachment 4



# U.S. Environmental Protection Agency Source Water Protection

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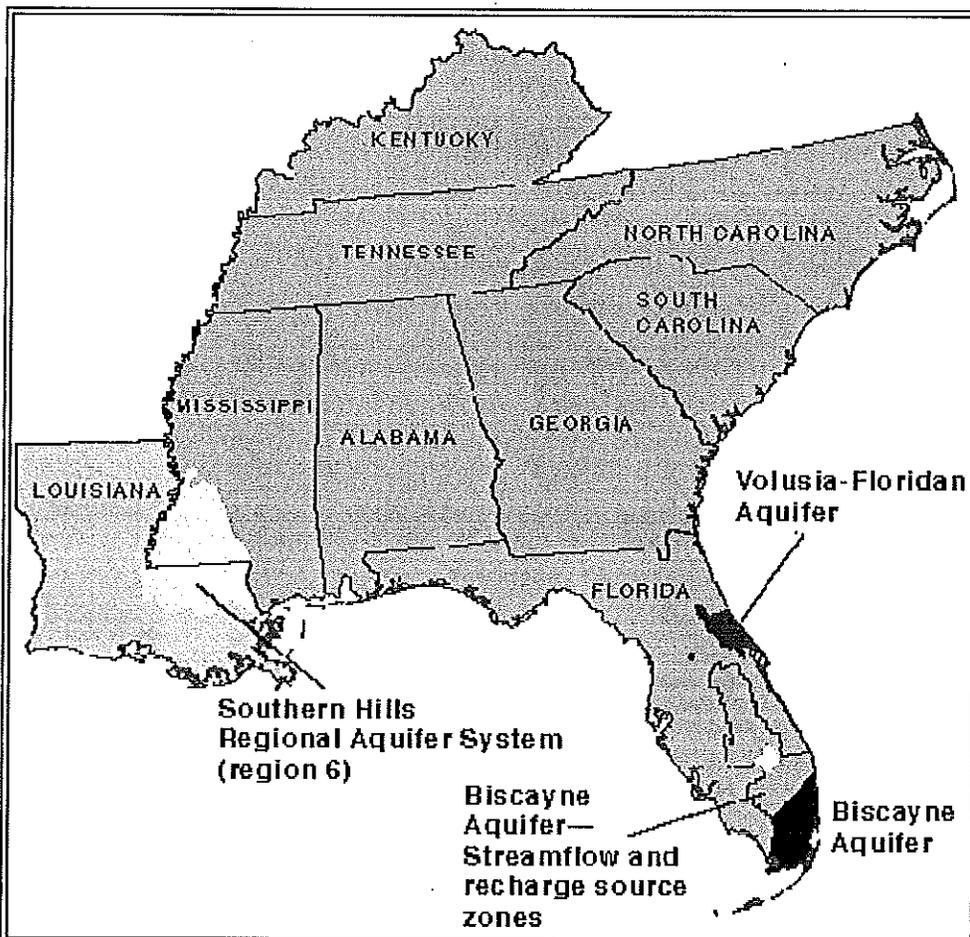
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- Source Water Home
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- Basics
- Assessment
- Protection Efforts
- Contacts
- Web Guide
- Groundwater
- Contamination Prevention Strategy
- OGWDW Home

## Designated Sole Source Aquifiers in EPA Region IV

**Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee**



*The 3 Sole Source Aquifer designations in Region IV are listed below. Contact the Regional Sole Source Aquifer coordinator for more information.*

Lois Hill  
US EPA Region IV, Water Division  
61 Forsyth St., SE  
Atlanta, GA 30303-3104  
phone: (404)562-9472  
mailto:hill.lois@epa.gov

*Attachment 5*

**DESIGNATED SOLE SOURCE AQUIFERS IN REGION IV:**

State	Sole Source Aquifer Name	Federal Register Cit.	Public. Date	GIS map
FL	Biscayne Aquifer, Broward, Dade, Monroe & Palm Beach Counties	44 FR 58797	10/11/79	no
FL	Volusia-Floridan Aquifer, Flagler & Putnam Counties	52 FR 44221	11/18/87	no
*LA/MS	Southern Hills Regional Aquifer System	53 FR 25538	07/07/88	no

\*The Southern Hills Regional Aquifer system is jointly managed with Region VI. While listed in both regions, it is counted only once in the national total of 70.

Return to: [Sole Source Aquifer program home page](#)

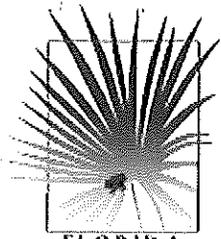
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Last updated on Wednesday, July 24th, 2002

URL: file:///F:/Environmental%20items/Items%20for%20StatutoryChecklist/EPA%20Designated%20Sole%20Source%20Aquifers%20Region%20IV.htm



1018 Thomasville Road  
 Suite 200-C  
 Tallahassee, FL 32303  
 850-224-8207  
 850-681-9364 fax  
 www.fnai.org

## Florida Natural Areas Inventory Biodiversity Matrix Query Results

**UNOFFICIAL REPORT**

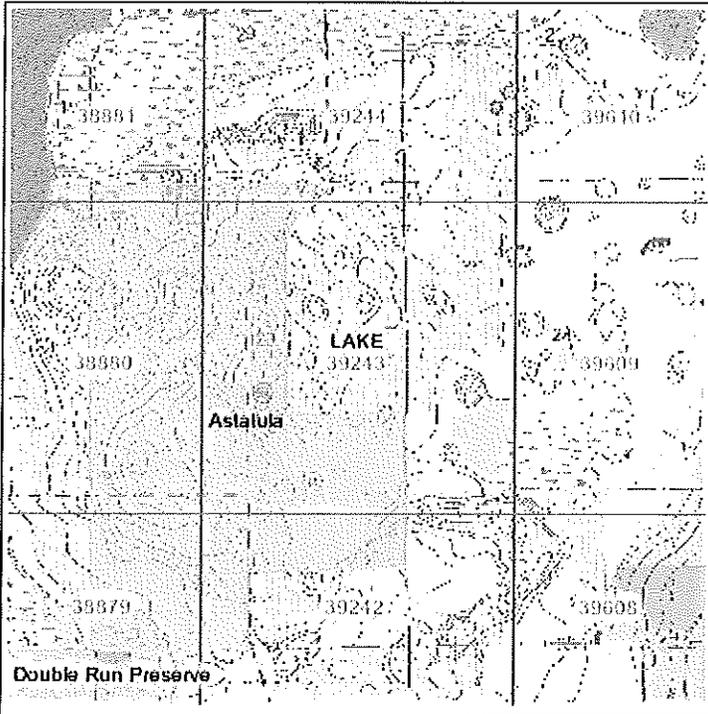
Created 8/10/2009

(Contact the FNAI Data Services Coordinator at 850.224.8207 for information on an official Standard Data Report)

**FLORIDA**  
*Natural Areas*  
**INVENTORY**

NOTE: The Biodiversity Matrix includes only rare species and natural communities tracked by FNAI.

**Report for 1 Matrix Unit: 39243**



**Descriptions**

**DOCUMENTED** - There is a documented occurrence in the FNAI database of the species or community within this Matrix Unit.

**DOCUMENTED-HISTORIC** - There is a documented occurrence in the FNAI database of the species or community within this Matrix Unit; however the occurrence has not been observed/reported within the last twenty years.

**LIKELY** - The species or community is *known* to occur in this vicinity, and is considered likely within this Matrix Unit because:

1. documented occurrence overlaps this and adjacent Matrix Units, but the documentation isn't precise enough to indicate which of those Units the species or community is actually located in; *or*
2. there is a documented occurrence in the vicinity and there is suitable habitat for that species or community within this Matrix Unit.

**POTENTIAL** - This Matrix Unit lies within the known or predicted range of the species or community based on expert knowledge and environmental variables such as climate, soils, topography, and landcover.

**Matrix Unit ID: 39243**

0 Documented Elements Found

0 Documented-Historic Elements Found

5 Likely Elements Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
<i>Aphelocoma coerulescens</i> Florida Scrub-jay	G2	S2	LT	LT
<i>Bonamia grandiflora</i> Florida Bonamia	G3	S3	LT	LE
<i>Gopherus polyphemus</i> Gopher Tortoise	G3	S3	N	LT
<i>Mycteria americana</i> Wood Stork	G4	S2	LE	LE
<i>Polygala lewtonii</i> Lewton's Polygala	G3	S3	LE	LE

*Attachment 6*

**Matrix Unit ID: 39243****35 Potential Elements for Matrix Unit 39243**

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
<i>Agrimonia incisa</i> Incised Groove-bur	G3	S2	N	LE
<i>Asplenium heteroresiliens</i> Wagner's Spleenwort	GNA	S1	N	N
<i>Athene cunicularia floridana</i> Florida Burrowing Owl	G4T3	S3	N	LS
<i>Calopogon multiflorus</i> Many-flowered Grass-pink	G2G3	S2S3	N	LE
<i>Carex chapmanii</i> Chapman's Sedge	G3	S3	N	LE
<i>Centrosema arenicola</i> Sand Butterfly Pea	G2Q	S2	N	LE
<i>Chionanthus pygmaeus</i> Pygmy Fringe Tree	G3	S3	LE	LE
<i>Coelorachis tuberculosa</i> Piedmont Jointgrass	G3	S3	N	LT
<i>Corynorhinus rafinesquii</i> Rafinesque's Big-eared Bat	G3G4	S2	N	N
<i>Drymarchon couperi</i> Eastern Indigo Snake	G3	S3	LT	LT
<i>Eriogonum longifolium</i> var. <i>gnaphalifolium</i> Scrub Buckwheat	G4T3	S3	LT	LE
<i>Grus canadensis pratensis</i> Florida Sandhill Crane	G5T2T3	S2S3	N	LT
<i>Heterodon simus</i> Southern Hognose Snake	G2	S2	N	N
<i>Lechea cernua</i> Nodding Pinweed	G3	S3	N	LT
<i>Matelea floridana</i> Florida Spiny-pod	G2	S2	N	LE
<i>Monotropsis reynoldsiae</i> Pygmy Pipes	G1Q	S1	N	LE
<i>Mustela frenata peninsulæ</i> Florida Long-tailed Weasel	G5T3	S3	N	N
<i>Myotis austroriparius</i> Southeastern Bat	G3G4	S3	N	N
<i>Nemastylis floridana</i> Celestial Lily	G2	S2	N	LE
<i>Neofiber alleni</i> Round-tailed Muskrat	G3	S3	N	N
<i>Nolina brittoniana</i> Britton's Beargrass	G3	S3	LE	LE
<i>Notophthalmus perstriatus</i> Striped Newt	G2G3	S2S3	N	N
<i>Panicum abscissum</i> Cutthroat Grass	G3	S3	N	LE
<i>Paronychia chartacea</i> ssp. <i>chartacea</i> Paper-like Nailwort	G3T3	S3	LT	LE
<i>Podomys floridanus</i> Florida Mouse	G3	S3	N	LS
<i>Prunus geniculata</i> Scrub Plum	G3	S3	LE	LE
<i>Pteroglossaspis ecristata</i> Giant Orchid	G2G3	S2	N	LT
<i>Rana capito</i> Gopher Frog	G3	S3	N	LS
<i>Salix floridana</i> Florida Willow	G2	S2	N	LE
<i>Sceloporus woodi</i>				

Florida Scrub Lizard	G3	S3	N	N
<i>Sciurus niger shermani</i> Sherman's Fox Squirrel	G5T3	S3	N	LS
<i>Spigelia loganioides</i> Pinkroot	G2Q	S2	N	LE
<i>Stilosoma extenuatum</i> Short-tailed Snake	G3	S3	N	LT
<i>Warea amplexifolia</i> Clasping Warea	G1	S1	LE	LE
<i>Warea carteri</i> Carter's Warea	G3	S3	LE	LE

**Disclaimer**

The data maintained by the Florida Natural Areas Inventory represent the single most comprehensive source of information available on the locations of rare species and other significant ecological resources statewide. However, the data are not always based on comprehensive or site-specific field surveys. Therefore, this information should not be regarded as a final statement on the biological resources of the site being considered, nor should it be substituted for on-site surveys. FNAI shall not be held liable for the accuracy and completeness of these data, or opinions or conclusions drawn from these data. FNAI is not inviting reliance on these data. Inventory data are designed for the purposes of conservation planning and scientific research and are not intended for use as the primary criteria for regulatory decisions.

**Unofficial Report**

These results are considered unofficial. FNAI offers a [Standard Data Request](#) option for those needing certifiable data.

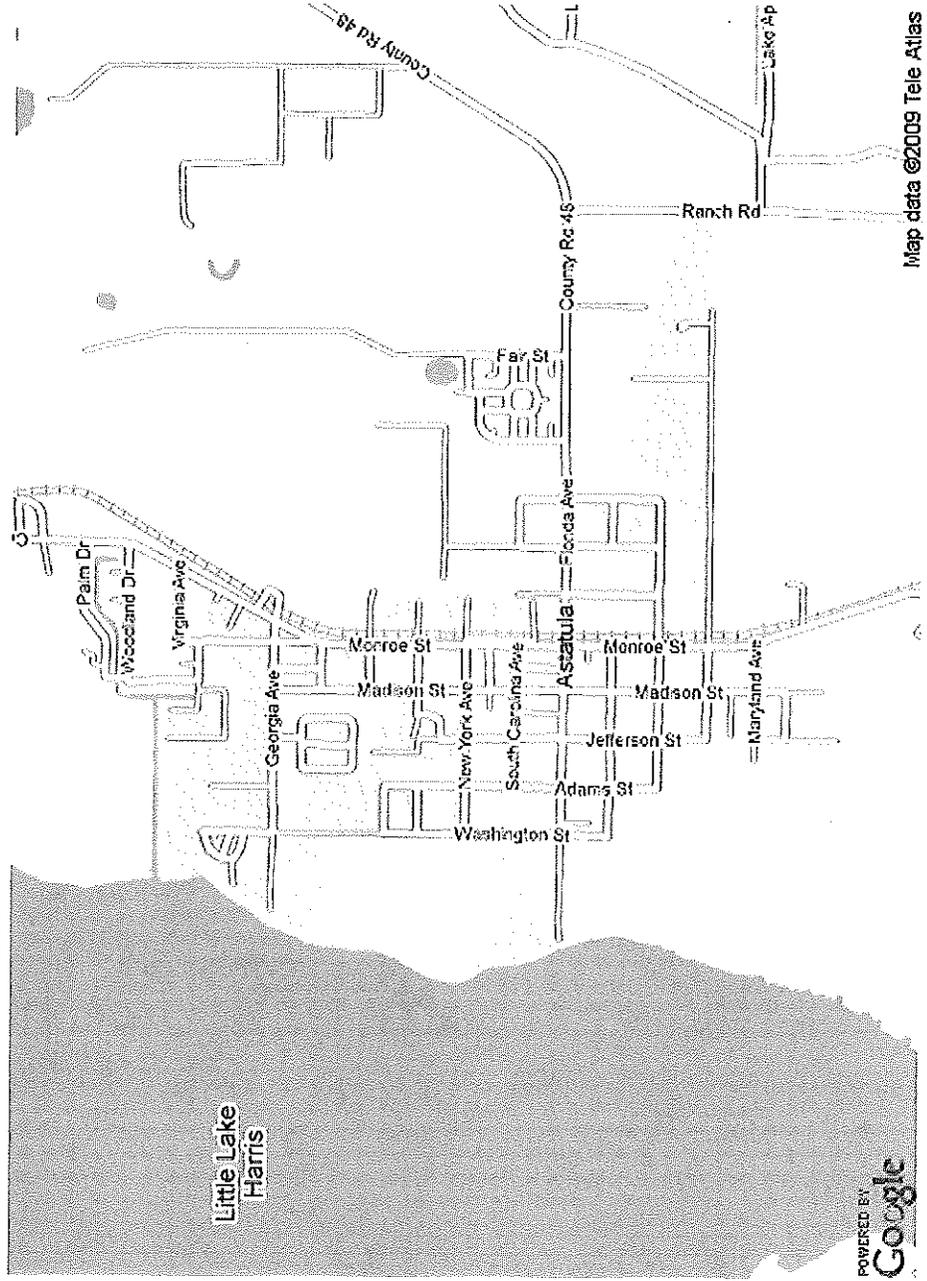
Date: 8/10/2009 5:35:19 PM

Search Entered: Within 1 miles of Monroe St & New York Ave, Astatula, FL 34705 (latitude 28.713721 and longitude -81.732997); Current Page Only

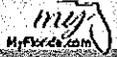
0 record(s) were found; 0 record(s) are shown

(see disclaimer that follows)

1



This report was generated using the Florida Fish and Wildlife Conservation Commission's (FWC) eagle nest locator web site at <http://myfwc.com/eagle/eaglenests/>. The data displayed contains records for all known FWC documented eagle nesting territories that fall within the search criteria specified at the top of the page. Search results reflect the activity status observed by FWC are current through spring 2009. Nest locations were determined with the use of aircraft-based Global Positioning System (GPS) units. The accuracy of the locations is estimated to be within one-tenth of a mile of the true location. Locations are given in longitude and latitude to one-hundredths of a minute and stored and displayed in NAD83 datum, a latitude and longitude coordinate system. Township, range and section were determined from the Public Land Survey System grid that includes Land Grant parcels. The 'Last Active' column indicates the year in which the nest was last active. For search results containing nest history information, 'Y' denotes an active nest, 'N' denotes an inactive nest, 'U' denotes a nest that was visited but status was undetermined, and '-' denotes an unobserved nest. Nest histories list the nest activity statuses for the last five nesting seasons. Not all eagle nests in Florida have been documented by the FWC. Non-documented nests receive the same level of protection as FWC documented nests.



Home: Wildlife & Habitats : Waders: Waterbird Colony Search Results

## Florida's waterbird colony search results.

### Instructions for use of the "Map" and "Topo" buttons:

Clicking on the [MAP](#) button near the end of a colony row links to a website that displays the colony location on an interactive road map. You can zoom and shift the view area of the map and control the level of detail displayed. You can return to the list of found colonies by using the "Back" browser button.

Clicking on the [TOPO](#) button at the end of a colony row links to a website that displays the colony location on a printable portion of a USGS 1:100,000 scale topographic map. The name of the USGS 1:24,000 scale quad map on which the colony is located is displayed above the map, and additional USGS quad map information can be accessed by clicking on the "Quad Info" link. When the "printer dialog" box displays, you can choose to print the map immediately or cancel the printer dialog in order to view the map first. You can return to the list of found colonies by using the "Back" button on your browser.

**Please Note:** The colony location map accessed by the [TOPO](#) or [MAP](#) buttons is not an adequate substitute for careful plotting of FWC colony location coordinates on an accurate small-scale topographic paper map or Geographic Information System (GIS) electronic map. This feature is provided only to allow the user to view the general location of a colony and to confirm that an appropriate area of interest was targeted by the user's search. Careful plotting of a colony location on an accurate map is not an adequate substitute for a specific on-the-ground survey of the colony site.

*Astatula in 20S, 26E. No colonies noted.*

Click on the atlas number to obtain details about the colony.

Location								Activity Status				Maps	
Atlas#	County	Date	Longitude	Latitude	Township	Range	Section	1970s	1980s	1990s	Total nests	Road	
612021	Lake	6/9/1999	81 40.51	28 34.16	22S	26E	14	Active	Active	Active	1000-3000	<a href="#">MAP</a>	
612025	Lake	5/6/1999	81 49.62	28 54.54	18S	25E	20	Active	Inactive	Active	50-250	<a href="#">MAP</a>	
612026	Lake	5/6/1999	81 53.03	28 50.69	19S	24E	11	Active	Active	Active	250-500	<a href="#">MAP</a>	
612028	Lake	3/16/1999	81 45.55	28 42.98	20S	25E	25	Active	Active	Active	<50	<a href="#">MAP</a>	
612302	Lake	4/27/1999	81 53.27	28 30.05	23S	24E	11	Unknown	Unknown	Active	50-250	<a href="#">MAP</a>	
612306	Lake	4/28/1999	81 47.03	28 43.51	20S	25E	23	Unknown	Unknown	Active	<50	<a href="#">MAP</a>	
612019	Lake	5/6/1999	81 51.00	28 54.00	18S	25E	30	Active	Inactive	Inactive		<a href="#">MAP</a>	
612020	Lake	5/5/1999	81 46.00	28 48.00	19S	25E	36	Active	Inactive	Inactive		<a href="#">MAP</a>	
612022	Lake	5/6/1999	81 46.00	28 52.00	19S	25E	01	Active	Active	Inactive		<a href="#">MAP</a>	
612023	Lake	5/6/1999	81 50.00	28 53.00	18S	25E	32	Active	Active	Inactive		<a href="#">MAP</a>	
612024	Lake	4/28/1999	81 54.00	28 46.00	20S	24E	10	Active	Active	Inactive		<a href="#">MAP</a>	
612027	Lake	5/6/1999	81 42.00	28 55.00	18S	26E	15	Active	Active	Inactive			

												<a href="#">MAP</a>
612029	Lake	4/27/1999	81 54.00	28 34.00	22S	24E	15	Active	Inactive	Inactive		<a href="#">MAP</a>
612030	Lake	4/27/1999	81 46.00	28 37.00	21S	25E	36	Active	Active	Inactive		<a href="#">MAP</a>
612031	Lake	5/6/1999	81 41.00	28 54.00	18S	26E	26	Active	Inactive	Inactive		<a href="#">MAP</a>
612032	Lake	5/6/1999	81 23.00	28 52.50	18S	29E	37	Active	Active	Inactive		<a href="#">MAP</a>
612033	Lake	5/19/1999	81 40.00	28 26.00	24S	26E	01	Active	Inactive	Inactive		<a href="#">MAP</a>
612105	Lake	5/6/1999	81 34.00	28 54.00	18S	27E	25	Unknown	Active	Inactive		<a href="#">MAP</a>
612108	Lake	5/11/1999	81 28.00	28 57.00	18S	28E	01	Unknown	Active	Inactive		<a href="#">MAP</a>
612109	Lake	5/6/1999	81 50.00	28 51.60	19S	25E	05	Unknown	Active	Inactive		<a href="#">MAP</a>
612111	Lake	4/28/1999	81 57.00	28 43.00	20S	24E	30	Active	Inactive	Inactive		<a href="#">MAP</a>
612114	Lake	4/27/1999	81 54.00	28 38.00	21S	24E	27	Unknown	Active	Inactive		<a href="#">MAP</a>
612115	Lake	4/27/1999	81 54.00	28 35.00	22S	24E	10	Unknown	Active	Inactive		<a href="#">MAP</a>
612116	Lake	4/27/1999	81 53.00	28 34.00	22S	24E	14	Unknown	Active	Inactive		<a href="#">MAP</a>
606118	Lake		81 30.00	29 05.00	16S	28E	28	Unknown	Active	Not checked		<a href="#">MAP</a>
612102	Lake		81 23.50	29 01.00	17S	29E	38	Unknown	Active	Not checked		<a href="#">MAP</a>

Search Florida's waterbird colonies again

Florida Fish and Wildlife Conservation Commission  
 Farris Bryant Building • 620 S. Meridian St. • Tallahassee, FL  
 32399-1600 • 850-488-4676  
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# Wekiva River Florida



- Designated WSRs
- River Information
- Rivers & Trails
- WSR Council
- Publications
- Study Rivers
- About WSRs
- Guidelines
- Site Index
- Agencies
- WSR Act
- NRI

*National Park Service  
Atlanta Federal Center  
1924 Building  
100 Alabama Street, SW  
Atlanta, Georgia 30303  
Telephone: (404) 562-3175 x 522*

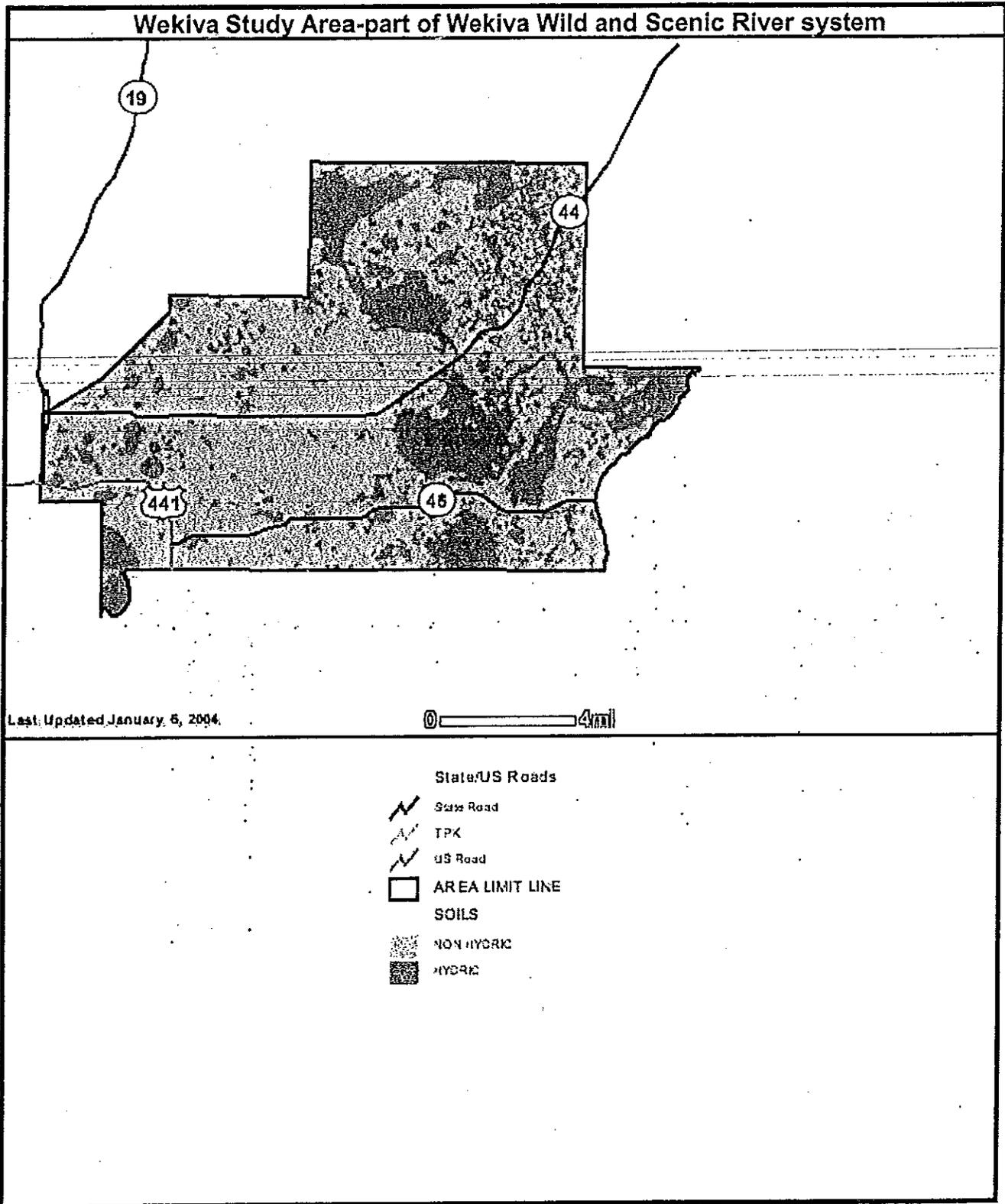
**Designated Reach:** October 13, 2000. The Wekiva River from its confluence with the St. Johns River to Wekiwa Springs. Rock Springs Run from its headwaters at Rock Springs to the confluence with the Wekiwa Springs Run. Black Water Creek from the outflow from Lake Norris to the confluence with the Wekiva River.

**Classification/Mileage:** Wild -- 31.4 miles; Scenic -- 2.1 miles; Recreational -- 8.1 miles; Total -- 41.6 miles.

The Wekiva River Basin is a complex ecological system of rivers, springs, seepage areas, lakes, streams, sinkholes, wetland prairies, hardwood hammocks, pine flatwoods and sand pine scrub communities. Water quality is exhibited in two ways. Several streams are clear due to being spring-fed. Others are blackwater; blackwater streams receive most of their flow from precipitation resulting in annual rainy season over-bank flows. The Wekiva and its tributaries are in superb ecological condition. The basin is almost entirely within Florida State lands and supports many species of plant and animal life, some of which are endangered, threatened, or of special concern. Elevations range from sea level to about 35 feet above sea level. The climate is subtropical, with an average annual temperature of around 72 degrees. Mean annual rainfall over the Wekiva basin is 52 inches, most of which occurs during the June-October rainy season.

- *To print this page, set your printer to landscape.*
- *This web site uses pop-up windows -- no advertising.*

Attachment 7



att 1 + 1.6



# AirData

You are here: [EPA Home](#) [Air & Radiation](#) [AirData](#) [Reports and Maps](#) [Select Geography](#) [Select Report/Map](#) [County Air Quality Map Criteria](#) [County Air Quality Map](#)

## County Air Quality Map - Criteria Air Pollutants

**Geographic Area:** Lake Co, Florida

**Pollutant:** Air Quality Index

**Value Displayed:** Number of days above 100

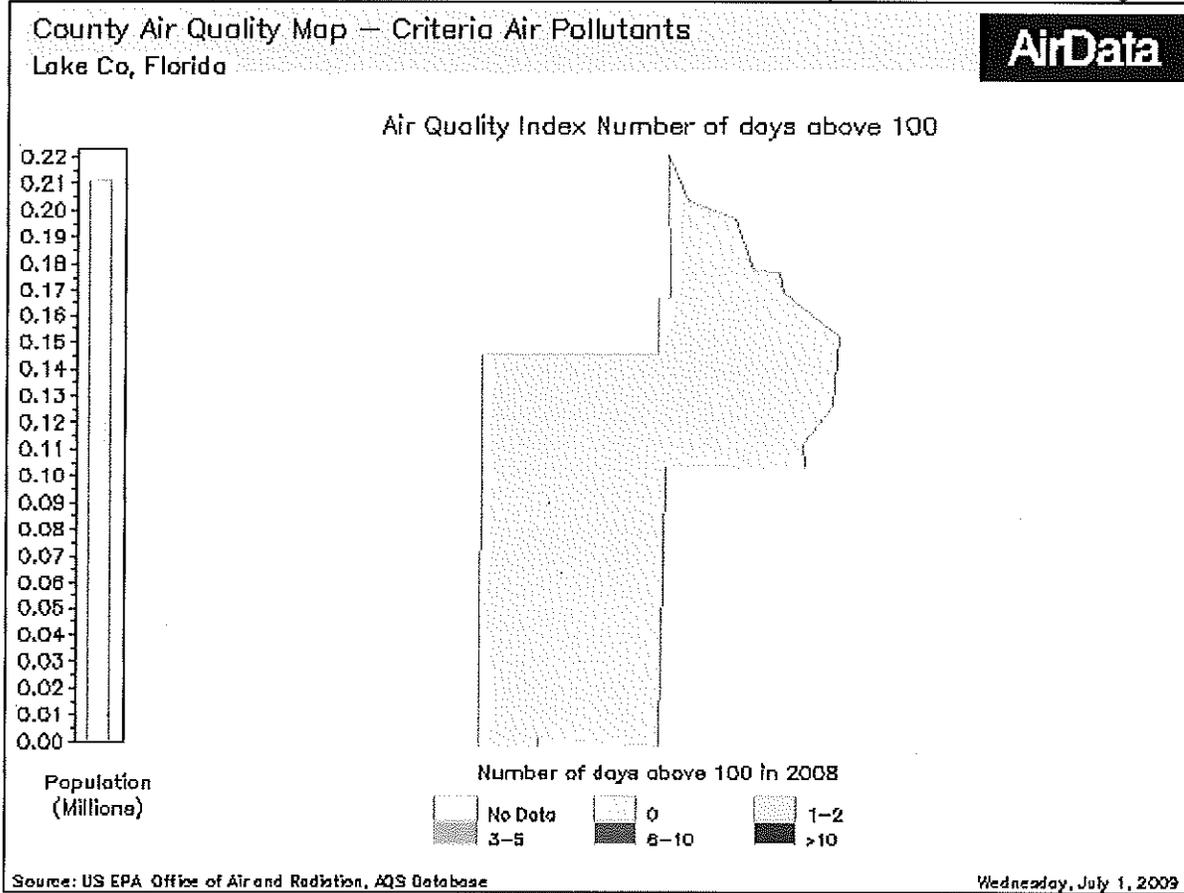
**Year:** 2008

**Air Quality Standard:** AQI values above 100 indicate unhealthy levels of air pollutants ([About AQI](#))

1 of 1 Counties have data

See [Disclaimer](#)

Position mouse pointer on map to view additional information. See zoom and pan instructions below this image.



◀ | 100 %

To ZOOM: Click slider with mouse, type in zoom percentage number, or use keyboard Shift + arrow keys.  
To PAN: Click and drag image with mouse, or use keyboard arrow keys.

[Download Image](#)

[Download Data](#)

[View Data](#)

CGM

Tab Delimited

25 rows per page

*Attachment 8*

**Disclaimer:** Monitor information in this map comes from a monthly extract of EPA's Air Quality System



# homes & communities

U.S. Department of Housing and Urban Development

## map your community

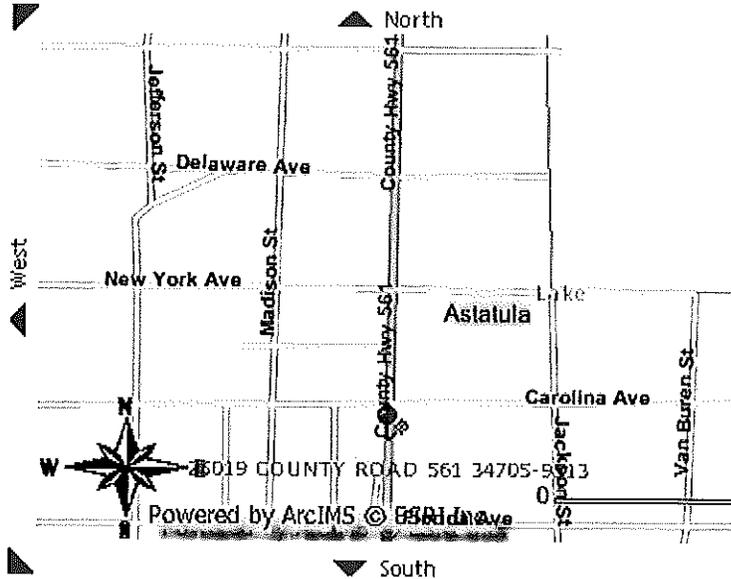
### RC/EZ/EC LOCATOR HOME

[user feedback](#)

[help](#)

New Map
 Clear Map
 Back
 Forward
 Zoom In
 Zoom Out
 Pan
 Clear Selection
 Print Map
 Map Library
 Help

Go to Advanced toolbar



The current scale is 1: 13119

76.11m  
 249.76ft

### Legend

[How to use the legend](#)

[Refresh Map](#)

- Community Planning and De
- Multi-Family Housing (MF)
- Public and Indian Housing (P
- Single Family Housing (SF)
- ENVIRONMENTAL
  - EPA Air Releases
  - EPA Brownfields Pilots
  - EPA Discharges to Water
  - EPA Hazardous Waste Genera
  - EPA Hazardous Waste Handle
  - EPA Superfund Sites
  - EPA Toxic Releases
- FLOOD HAZARDS
- CENSUS GEOGRAPHIES
- ADDITIONAL CENSUS GEOG
- HYDROGRAPHY
- TRANSPORTATION
- LANDMARKS

*Attachment 10*