EXHIBIT D

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

PROJECT IDENTIFIER (GRANT #, ETC.): Astor 3rd Street Paving

PROJECT DESCRIPTION (INCLUDE MAP(S) Paving an approximately 250 ft section of 3rd Street.

Maps included in environmental review packet

THE ABOVE DESCRIBED PROJECT IS DETERMINED TO BE CATEGORICLLY EXCLUDED PER 58.35(a). ATTACHED IS THE STATUTATORY CHECKLIST TO INDICATE COMPLIANCE WITH PARTS 58.5 AND 58.6. AS NO FURTHER COMPLIANCE WAS REQUIRED FOR 58.5 AND NON 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 Gearing
SIGNATURE

July 29, 2009
DATE

Statutory Checklist

Federal Laws and Authorities listed at Sec. 58.5

Project Name and Identification No. ASTOR ROAD PAVING

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 properties at project site. See attachment 2.
Floodplain Management	X						Project site not in floodplain. Project will help in flood management of this area. See attachment 3.
Wetlands Protection	X						Project site is not located in a wetland. 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 at project site, a well traveled dirt road. See attachment 6.
Wild and Scenic Rivers	X						Project site is not located in Wekiva River system. See attachment 7.
Air Quality	X						Air quality for whole county is good. See attachment 8.
Farmlands Protection	X						Project site is in a well developed + maintained urban area.
Manmade Hazards: Thermal/Explosive	X						No such hazards in area.
Noise	X						Only minimal noise increase during Construction.
Airport Clear Zones	X						Closest airport is approximately 10 miles away. See attachment 9
Toxic Sites	X						None noted at project site. See attachment 10.
Environmental Justice	X						Project will not displace any disadvantaged individuals.

* 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

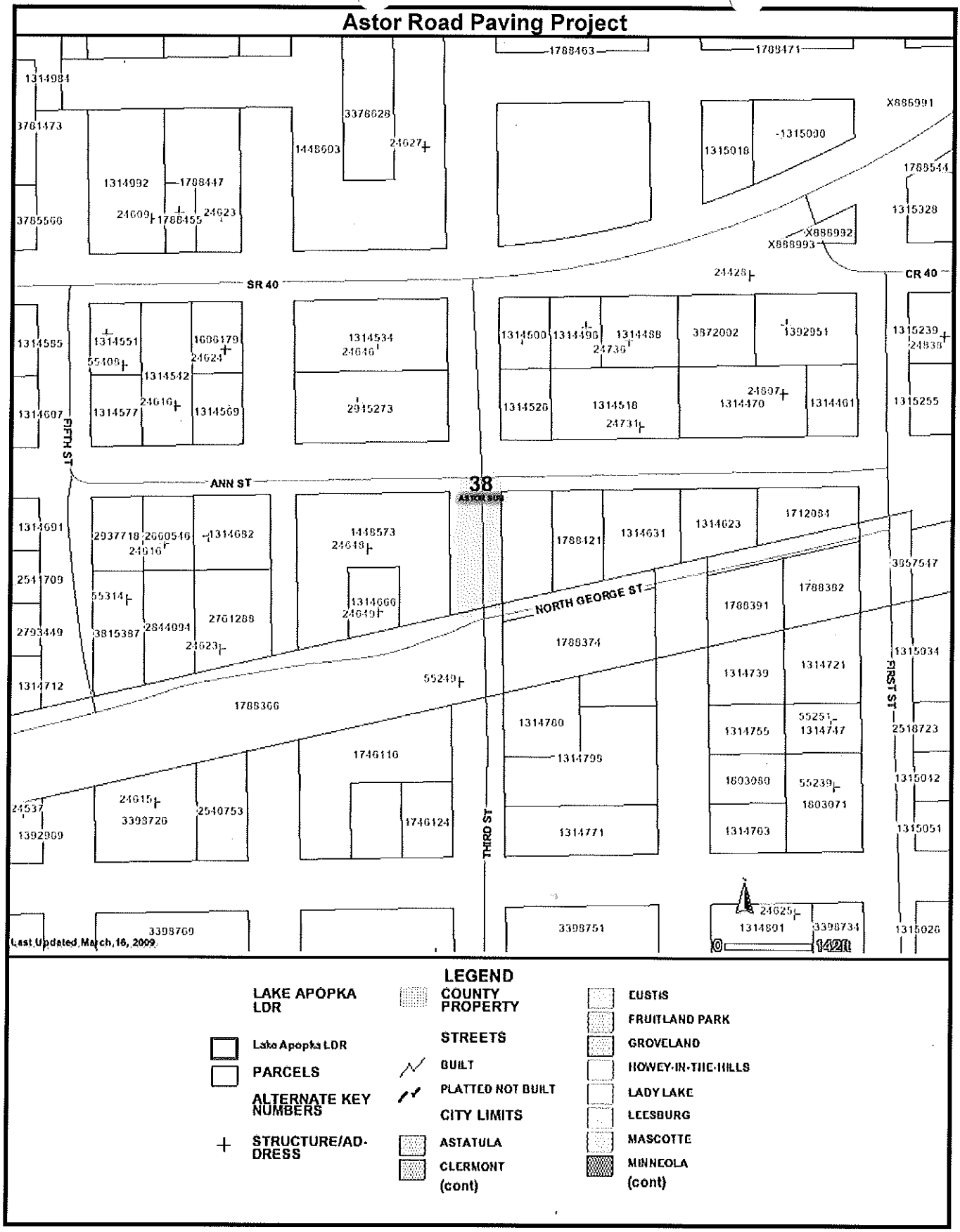
Project Name and Identification No. ASTOR ROAD PAVING

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.
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						Project is meant to improve water quality to St. Johns River.
Solid Waste Disposal	X						
Fish and Wildlife	X						
State or Local Statutes	(to be added by Responsible Entity)						

Prepared by: Bill Hearing

Title Community Enhancement Coordinator

Date: 28 July 2009



Attachment 1

Index By State County

National Register Information System

08/19/2008 08:36:17

No filter Include filter in navigation ☐

Row	State	County	Resource Name	Address	City	Listed	Multiple
1	FL	Lake	**Blandford**	28242 Lake Terry Dr.	Mount Dora	2007-11-01	
2	FL	Lake	**Bowers Bluff Middens Archeological District**	Address Restricted	Astor	1980-02-01	
3	FL	Lake	**Campbell House**	3147 Co. Rd. 470	Okahumpka	1999-11-12	
4	FL	Lake	**Clermont Woman's Club**	655 Broome St.	Clermont	1993-01-07	
5	FL	Lake	**Clifford House**	536 N. Bay St.	Eustis	1975-04-04	
6	FL	Lake	**Donnelly House**	Donnelly Ave.	Mount Dora	1975-04-04	
7	FL	Lake	**Duncan, Harry C., House**	426 Lake Dora Dr.	Tavarcs	1997-08-08	
8	FL	Lake	**Edge House**	1218 W. Broad St.	Groveland	2006-10-05	
9	FL	Lake	**Eustis Commercial Historic District**	Roughly Lake Eustis, McDonald Ave., Grove St., Orange Ave.	Eustis	2005-07-06	
10	FL	Lake	**Ferran Park and the Alice McClelland Memorial Bandshell**	Jct. of Ferran Park Rd. and Orange Ave.	Eustis	1994-06-23	

Page 1

First Page Next Page Refresh Export

ATTACHMENT 2

Index By State County
National Register Information System 08/19/2008 08:43:24

No filter Include filter in navigation ☐

State: FL
County: Lake

Row	Resource Name	Address	City	Listed	Multiple
11	**Harper House**	17408 E. Porter Ave.	Montverde	2004-09-15	
12	**Holy Trinity Episcopal Church**	Spring Lake Rd.	Fruitland Park	1974-12-27	
13	**Howey House**	Citrus St.	Howey in the Hills	1983-01-27	
14	**Kimball Island Midden Archeological Site**	Address Restricted	Astor	1979-12-11	
15	**Lake County Courthouse**	315 W. Main St.	Tavares	1998-09-25	
16	**Lakeside Inn**	100 N. Alexander St.	Mount Dora	1987-03-19	
17	**Lee School**	207 N. Lee St.	Leesburg	1995-02-17	
18	**Methodist Episcopal Church, South, at Umatilla**	100 W. Guerrant St.	Umatilla	2000-01-27	
19	**Mote--Morris House**	1021 N. Main St.	Leesburg	1974-12-27	
20	**Mount Dora A. C. L. Railroad Station, Old**	341 Alexander St.	Mount Dora	1992-03-05	

Page 2

First Page Next Page Refresh Export

Index By State County

National Register Information System

08/19/2008 08:44:24

No filter

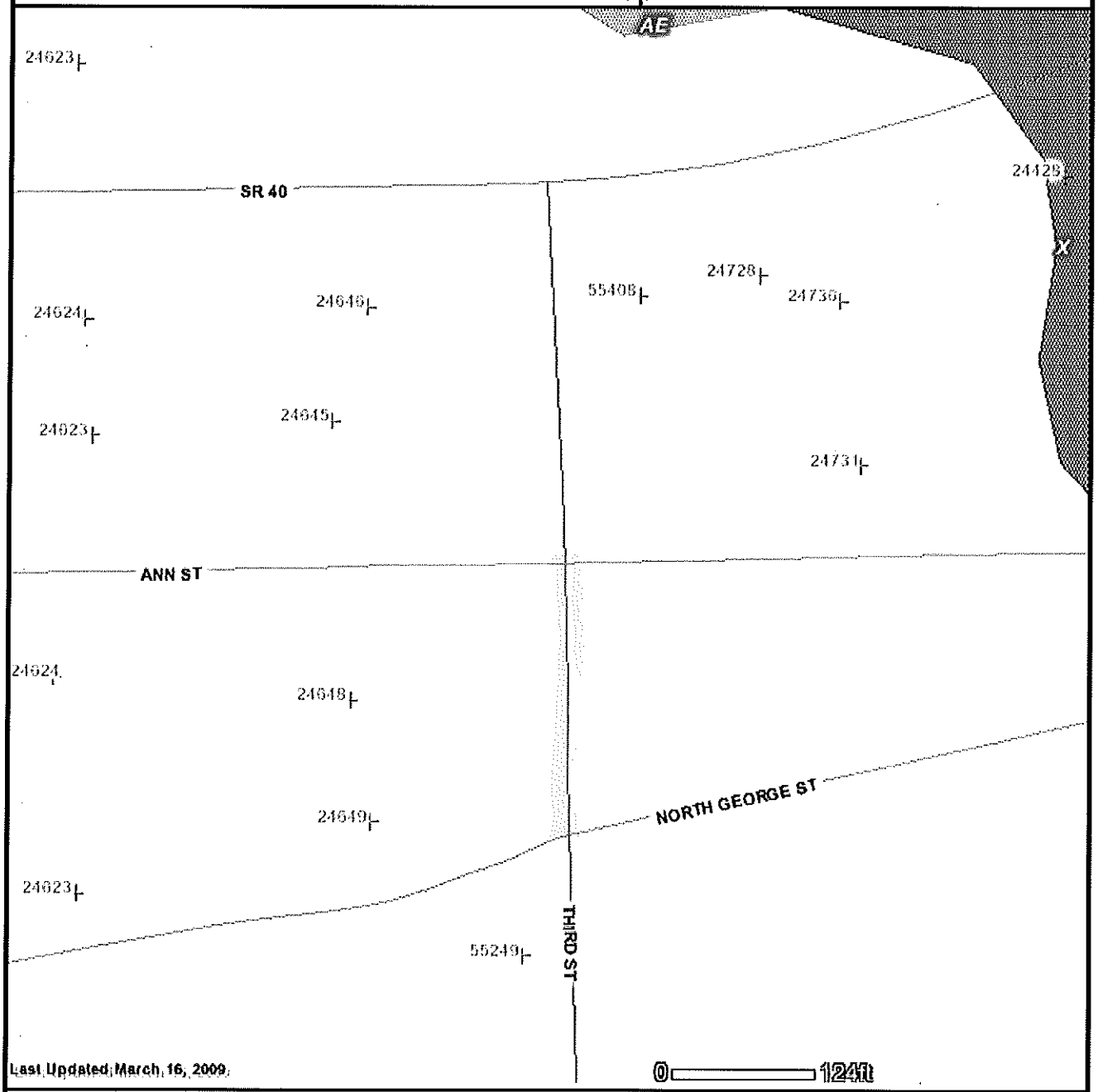
Include filter in navigation ☐

State: FL

County: Lake

Row	Resource Name	Address	City	Listed	Multiple
21	**Norton, Gould Hyde, House**	1390 E. Lakeview Dr.	Eustis	1997-05-16	
22	**Pendleton, William Kimbrough, House**	1208 Chesterfield Rd.	Eustis	1983-01-13	
23	**Purdy Villa**	3045 Eudora Rd.	Eustis	2004-03-10	
24	**Taylor, Moses J., House**	117 Diedrich St.	Eustis	1997-08-01	
25	**Woman's Club of Eustis**	227 N. Center St.	Eustis	1991-08-05	

Flood Zone Map



LEGEND

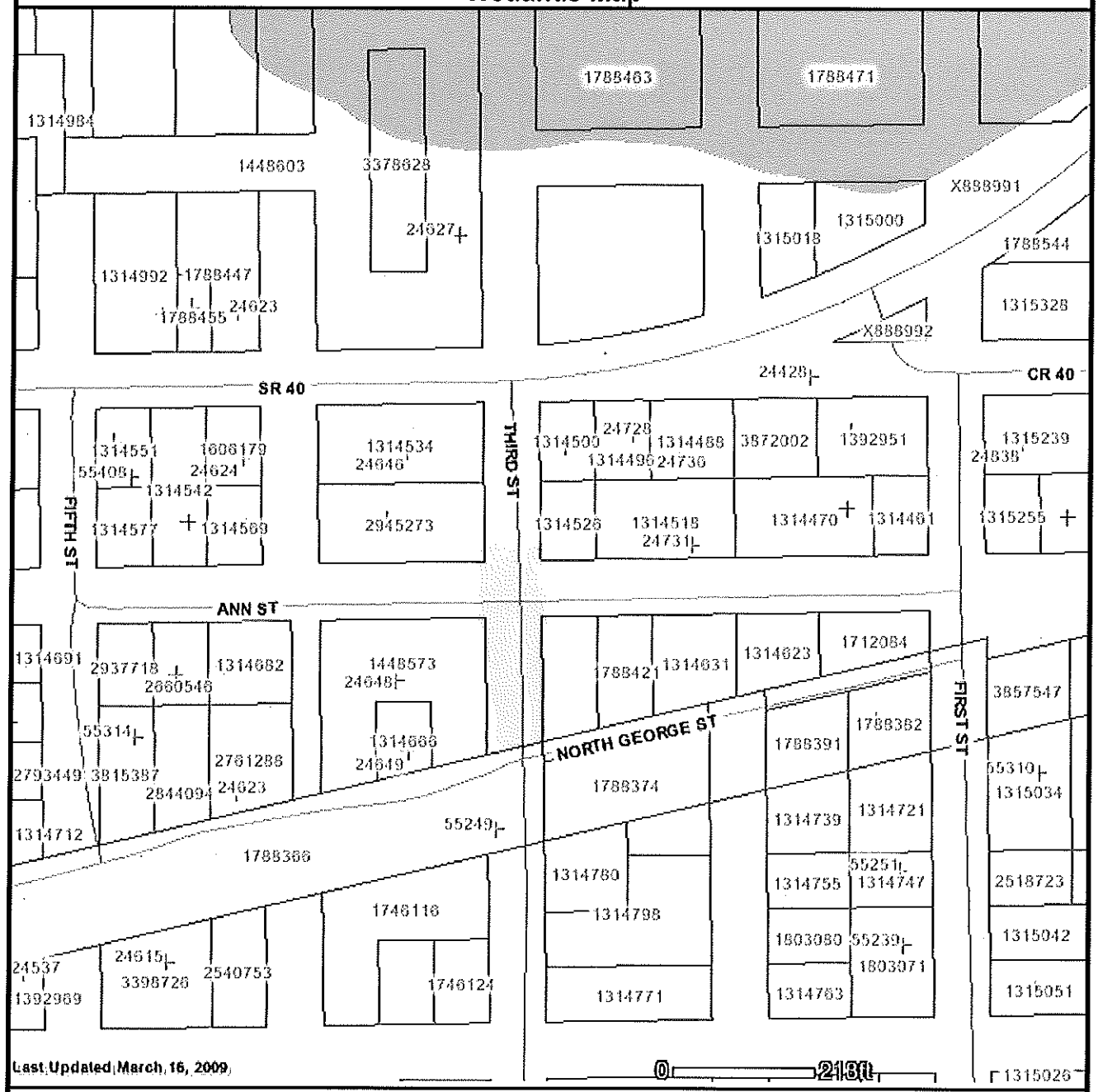
- STRUCTURE/ADDRESS
- STREETS
- BUILT
- PLATTED NOT BUILT
- LETTER OF MAP AMENDMENT/REVISED
- LOM - AMENDMENT
- LOM - CHANGE
- (cont)
- LOM - REVISION
- LOM - STRUCTURE ONLY
- LOM - REV BASED ON FILL
- LAKE MACK REVISED FLOOD PLAIN
- FLOOD ZONE
- A - Elevations undetermined
- AE - Elevations determined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

Attachment 3

Table ES-4
Lake County
Astor Flood Study
Problem Area Prioritization

				Weight							
				Flood Severity	Water Quality Enhancement Potential	Public Benefit	Permitt-ability	Level of Maintenance Required	Construction Cost		
Category	Problem Area No.	Location	Project Summary	2.5	2.0	1.5	0.8	0.8	2.4	Score	Rank
Low-Lying/Floodplain Areas	N/A	Various locations throughout Astor	Implement Flood Early Warning System to warn residents of rising stages in the St. Johns River that have the potential to cause road, property and structure flooding.	10	0	10	10	8	10	78	1
Wate Quality Improvement	13	Riverview Drive	Convert existing pond into stormwater treatment facility by: 1) re-routing the flow in the existing system; 2) regrading several of the existing swales; 3) replacing several driveway culverts; and 4) providing a control structure on the pond.	10	10	4	5	8	6	76	2
Localized Flooding	2	West Loyd Street and Alco Road	Restore the swales to their original design condition and perform routine maintenance	5	2	8	10	10	10	68	3
Localized Flooding	10	Alco Road	Rehabilitate the existing drainage system (i.e., clean out existing swales and culverts) in order to restore it back to its original condition so it operates as intended.	5	2	8	10	10	10	66	3
Localized Flooding	5	Butler Stroet	Restore the swales and culverts on 1st Street, 3rd Street, Ann Street and Butler Street in order to meet the County's intended level of service and continue with maintenance	5	2	4	10	10	10	63	4
Localized Flooding	7	Fox Road	Rehabilitate four swale segments on the south side of Fox Road and provide routine maintenance.	5	2	1	10	10	10	58	5
Damaged Infrastructure	N/A	Various locations throughout Astor	Repair or replace damaged infrastructure identified in Table 3-2.	5	0	10	10	10	8	58	1
Localized Flooding	4	3rd Street	(1) Replace the existing ERCPs with CBCs; (2) Increase the slope of the barrels; (3) Provide online storage upstream by expanding the upstream online pond as discussed in Section 3.7.2.1. (4) Pave or provide inlet protection along 3rd Street .	8	10	2	7	5	2	57	6
Localized Flooding	1	Bass and Indigo Roads	(1) Regrade the swales to meet the County's current level of service; (2) Design and install culverts to meet the County's current level of service; (3) Construct a wet detention pond to the east of Indigo Road on the vacant upland area next to the wetland.	7	10	3	5	8	2	57	6
Wate Quality Improvement	11	Fern, Bobcat, Palmetto and Deer Roads	Analyze the existing wetland/pond system to determine any additional capacity; re-route some of the untreated flows from nearby roads into the pond as capacity allows; equip pond with control structure.	0	7	6	4	8	10	57	6
Localized Flooding	5	Ann Street	Restore and improve the swales and culverts to their original condition	5	2	0	10	10	10	57	6
Localized Flooding	8	Carrol Street	Obtain and easement for side yard swale in order to convey stormwater runoff to canal in rear of property.	5	2	0	10	10	10	57	6
Localized Flooding	2	Ward Street	(1) Regrade the swales to meet the County's current level of service (i.e., 10-year/24-hour storm); (2) Design and install culverts to meet the County's current level of service (i.e., 10-year/24-hour storm); and (3) Expand the pond east of Alco Road and Smith Street to provide additional storage as well as water quality treatment.	8	10	4	5	8	0	56	7
Wate Quality Improvement	N/A	Various Finger Canals	Dredge finger canals to restore to original capacity.	5	7	5	5	8	4	54	8

Wetlands Map



LEGEND

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

Attachment 4

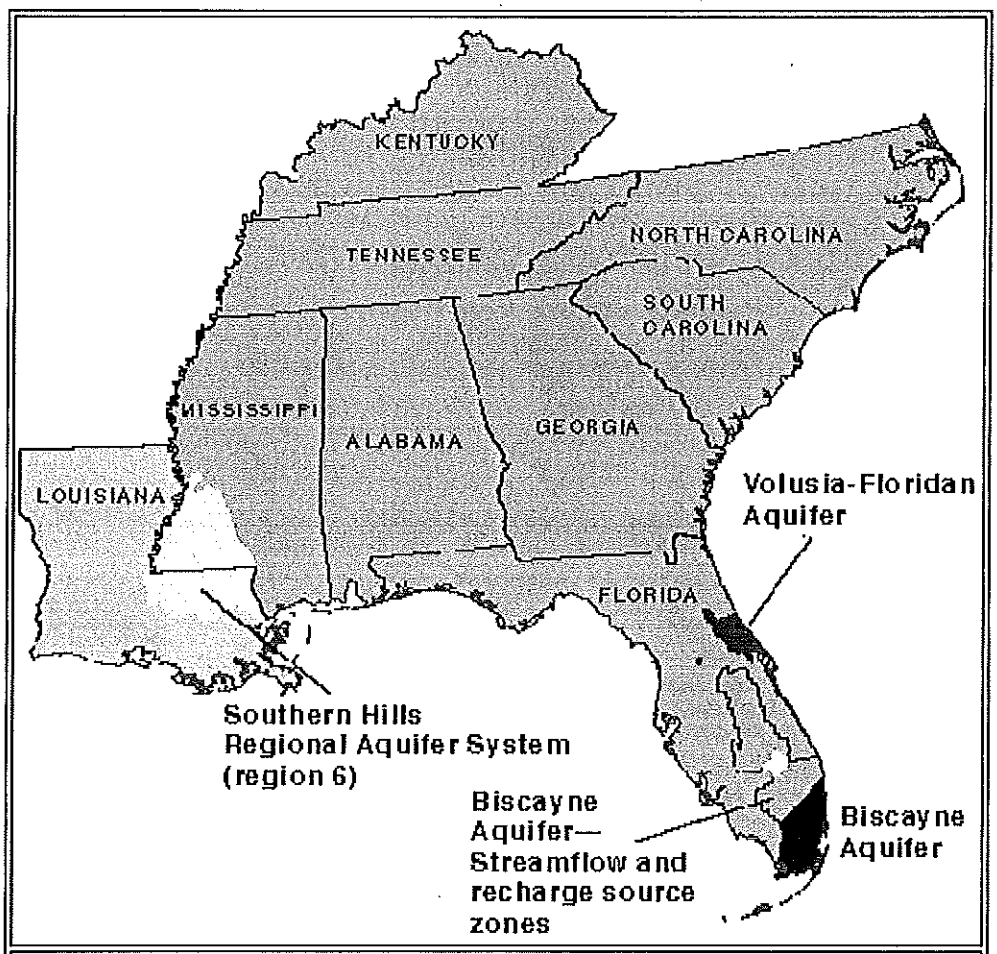
U.S. Environmental Protection Agency

Source Water Protection

Source Water Home
Features
Quick Find
Basics
Assessment
Protection Efforts
Contacts
Web Guide
Groundwater
Contamination Prevention Strategy
OGWDW Home

Designated Sole Source Aquifers 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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EPA Home | Privacy and Security Notice | Contact Us

Last updated on Wednesday, July 24th, 2002
URL: file:///F:/Environmental%20items/Items%20for%20StatutoryChecklist/EPA%20Designated%20Sole%20Source%20Aquifiers%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

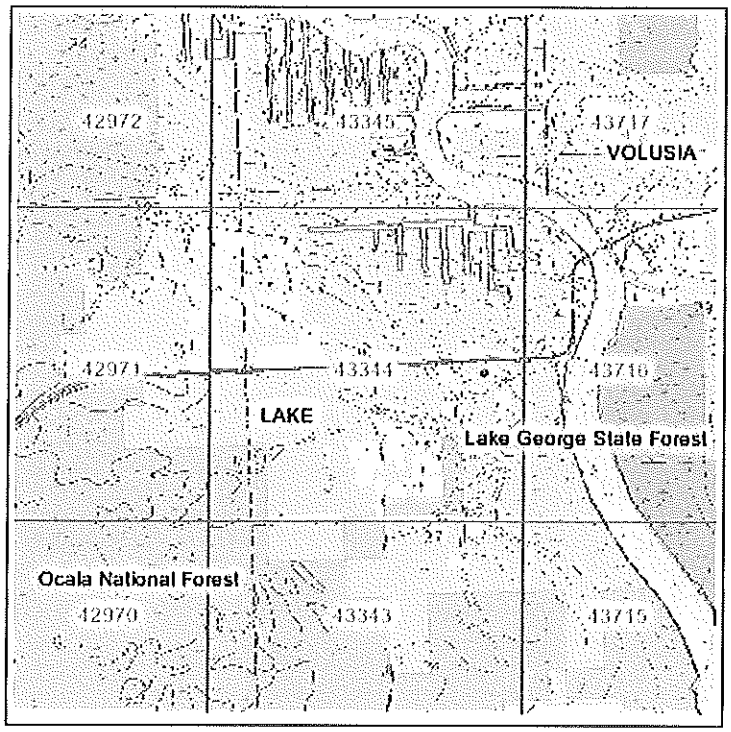
UNOFFICIAL REPORT

Created 7/28/2009

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

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

Report for 1 Matrix Unit: 43344



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: 43344

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
Drymarchon couperi Eastern Indigo Snake	G3	S3	LT	LT
Grus canadensis pratensis Florida Sandhill Crane	G5T2T3	S2S3	N	LT
Mesic flatwoods	G4	S4	N	N
Mycteria americana Wood Stork	G4	S2	LE	LE
Scrub	G2	S2	N	N

Attachment 6

Matrix Unit ID: 43344

39 **Potential** Elements for Matrix Unit 43344

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Aimophila aestivalis Bachman's Sparrow	G3	S3	N	N
Aphelocoma coerulescens Florida Scrub-jay	G2	S2	LT	LT
Asplenium heteroresiliens Wagner's Spleenwort	GNA	S1	N	N
Athene cunicularia floridana Florida Burrowing Owl	G4T3	S3	N	LS
Bonamia grandiflora Florida Bonamia	G3	S3	LT	LE
Calamintha ashei Ashe's Savory	G3	S3	N	LT
Carex chapmanii Chapman's Sedge	G3	S3	N	LE
Centrosema arenicola Sand Butterfly Pea	G2Q	S2	N	LE
Coelorachis tuberculosa Piedmont Jointgrass	G3	S3	N	LT
Conradina grandiflora Large-flowered Rosemary	G3	S3	N	LT
Corynorhinus rafinesquii Rafinesque's Big-eared Bat	G3G4	S2	N	N
Cucurbita okeechobeensis Okeechobee Gourd	G1	S1	LE	LE
Digitaria floridana Florida Crabgrass	G1	S1	N	N
Gopherus polyphemus Gopher Tortoise	G3	S3	N	LT
Gymnopogon chapmanianus Chapman's Skeletongrass	G3	S3	N	N
Hartwrightia floridana Hartwrightia	G2	S2	N	LT
Hypotrichia spissipes Florida Hypotrichia Scarab Beetle	G3G4	S3S4	N	N
Illicium parviflorum Star Anise	G2	S2	N	LE
Ischyrus dunedinensis Three Spotted Pleasing Fungus Beetle	GNR	S2S4	N	N
Lechea cernua Nodding Pinweed	G3	S3	N	LT
Litsea aestivalis Pondspice	G3	S2	N	LE
Matelea floridana Florida Spiny-pod	G2	S2	N	LE
Monotropsis reynoldsiae Pygmy Pipes	G1Q	S1	N	LE
Mustela frenata peninsulae Florida Long-tailed Weasel	G5T3	S3	N	N
Nemastylis floridana Celestial Lily	G2	S2	N	LE
Neofiber alleni Round-tailed Muskrat	G3	S3	N	N
Neoseps reynoldsi Sand Skink	G2	S2	LT	LT
Notophthalmus perstriatus Striped Newt	G2G3	S2S3	N	N
Pituophis melanoleucus mugitus Florida Pine Snake	G4T3	S3	N	LS
Pteronotropis welaka Bluenose Shiner	G3G4	S3S4	N	LS

Pycnanthemum floridanum Florida Mountain-mint	G3	S3	N	LT
Rana capito Gopher Frog	G3	S3	N	LS
Romulus globosus Round-Necked Romulus Long-Horned Beetle	G1G3	S1S3	N	N
Salix floridana Florida Willow	G2	S2	N	LE
Sceloporus woodi Florida Scrub Lizard	G3	S3	N	N
Trichechus manatus Manatee	G2	S2	LE	LE
Trigonopeltastes floridana Scrub Palmetto Flower Scarab Beetle	G2G3	S2S3	N	N
Ursus americanus floridanus Florida Black Bear	G5T2	S2	N	LT*
Vicia ocalensis Ocala Vetch	G1	S1	N	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.

FWC Home
Wildlife & Habitats
Species Information
Imperiled Species
Living with Wildlife
Nonnative Species
Wildlife Legacy
Habitat Information
Nuisance Wildlife

Eagle Nest Locator

Welcome to the Florida Fish and Wildlife Conservation Commission Bald Eagle Nest Locator. The search features below may be used to locate FWC documented bald eagle nesting territories and to view their locations in map and spreadsheet form.

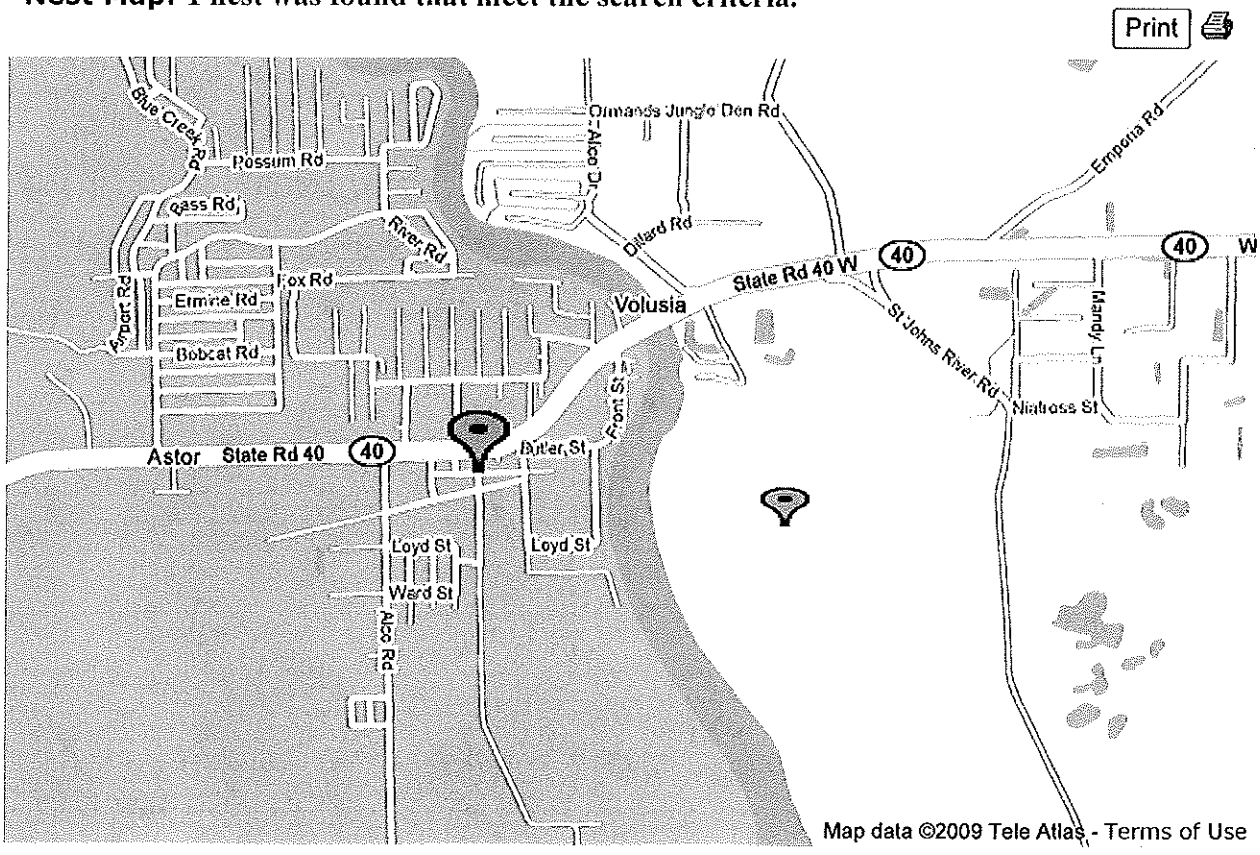
New Survey Protocol: In 2008 the statewide bald eagle nesting territory survey protocol changed. The protocol change reduces annual statewide survey effort and increases the amount of information gained from the nests that are visited during the survey season. Nest productivity is now determined for a sub-sample of the nests that are surveyed annually. Nest activity and productivity information are critical to determining if the goals and objectives of the Bald Eagle Management Plan are being met. A complete report of this year's survey will be available online October 1, 2009.

Attention: The information contained within this database is current through the 2008-2009 nesting season; nests were surveyed by FWC from November 2008 to April 2009. Accuracy of the nest locations is estimated to be within 0.1 miles of the true location. Not all eagle nests in Florida have been documented by FWC. Non-documented nests receive the same level of protections as FWC documented nests.

Locate Nests By:

Nested Search | Modify Search | New Search

Nest Map: 1 nest was found that meet the search criteria.



Bald Eagle Nest Data Search Results:

Results per page: 20

	Nest ID	County	Longitude	Latitude	Township	Range	Section	Last Active	Distance
View History	VO050	Volusia	81 31.03	29 09.58	15S	28E	29	2009	0.83

Print Export

Page 1 of 0

Please direct any questions, comments, or suggestions about this page to BaldEagle@MyFWC.com. To learn more about eagles in Florida please visit the FWC bald eagle website.

Our mission: Managing fish and wildlife resources for their long-term well-being and the benefit of people.

Florida Fish and Wildlife Conservation Commission
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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.

Project site in 15 S - 27, 28 E.
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	MAP
612025	Lake	5/6/1999	81 49.62	28 54.54	18S	25E	20	Active	Inactive	Active	50-250	MAP
612026	Lake	5/6/1999	81 53.03	28 50.69	19S	24E	11	Active	Active	Active	250-500	MAP
612028	Lake	3/16/1999	81 45.55	28 42.98	20S	25E	25	Active	Active	Active	<50	MAP
612302	Lake	4/27/1999	81 53.27	28 30.05	23S	24E	11	Unknown	Unknown	Active	50-250	MAP
612306	Lake	4/28/1999	81 47.03	28 43.51	20S	25E	23	Unknown	Unknown	Active	<50	MAP
612019	Lake	5/6/1999	81 51.00	28 54.00	18S	25E	30	Active	Inactive	Inactive		MAP
612020	Lake	5/5/1999	81 46.00	28 48.00	19S	25E	36	Active	Inactive	Inactive		MAP
612022	Lake	5/6/1999	81 46.00	28 52.00	19S	25E	01	Active	Active	Inactive		MAP
612023	Lake	5/6/1999	81 50.00	28 53.00	18S	25E	32	Active	Active	Inactive		MAP
612024	Lake	4/28/1999	81 54.00	28 46.00	20S	24E	10	Active	Active	Inactive		MAP
612027	Lake	5/6/1999	81 42.00	28 55.00	18S	26E	15	Active	Active	Inactive		

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

Search Florida's waterbird colonies again

Florida Fish and Wildlife Conservation Commission
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Designated WSRs
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WSR Council
Publications
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Guidelines
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Agencies
WSR Act
NRI

Wekiva River
Florida

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

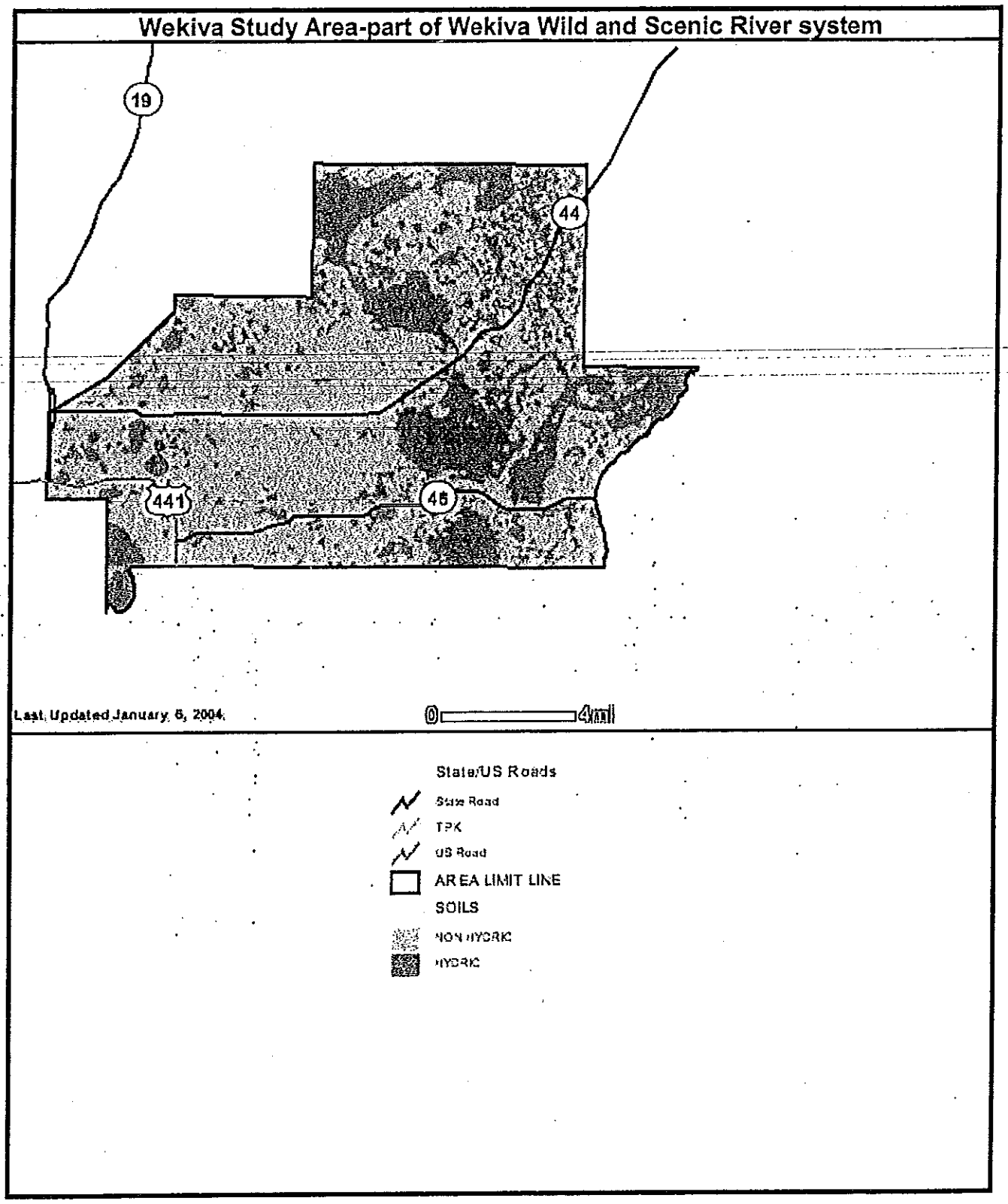
Designated Reach: October 13, 2000. The Wekiva River from its confluence with the St. Johns River to Wekiwa Springs. Rock Springs Run from its headwaters at Rock Springs to the confluence with the Wekiwa Springs Run. Black Water Creek from the outflow from Lake Norris to the confluence with the Wekiva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


Wekiva Study Area-part of Wekiva Wild and Scenic River system
19
44
441
46
Last Updated January 6, 2004
0
4mi
State/US Roads
State Road
TPK
US Road
AREA LIMIT LINE
SOILS
NON HYDRIC
HYDRIC

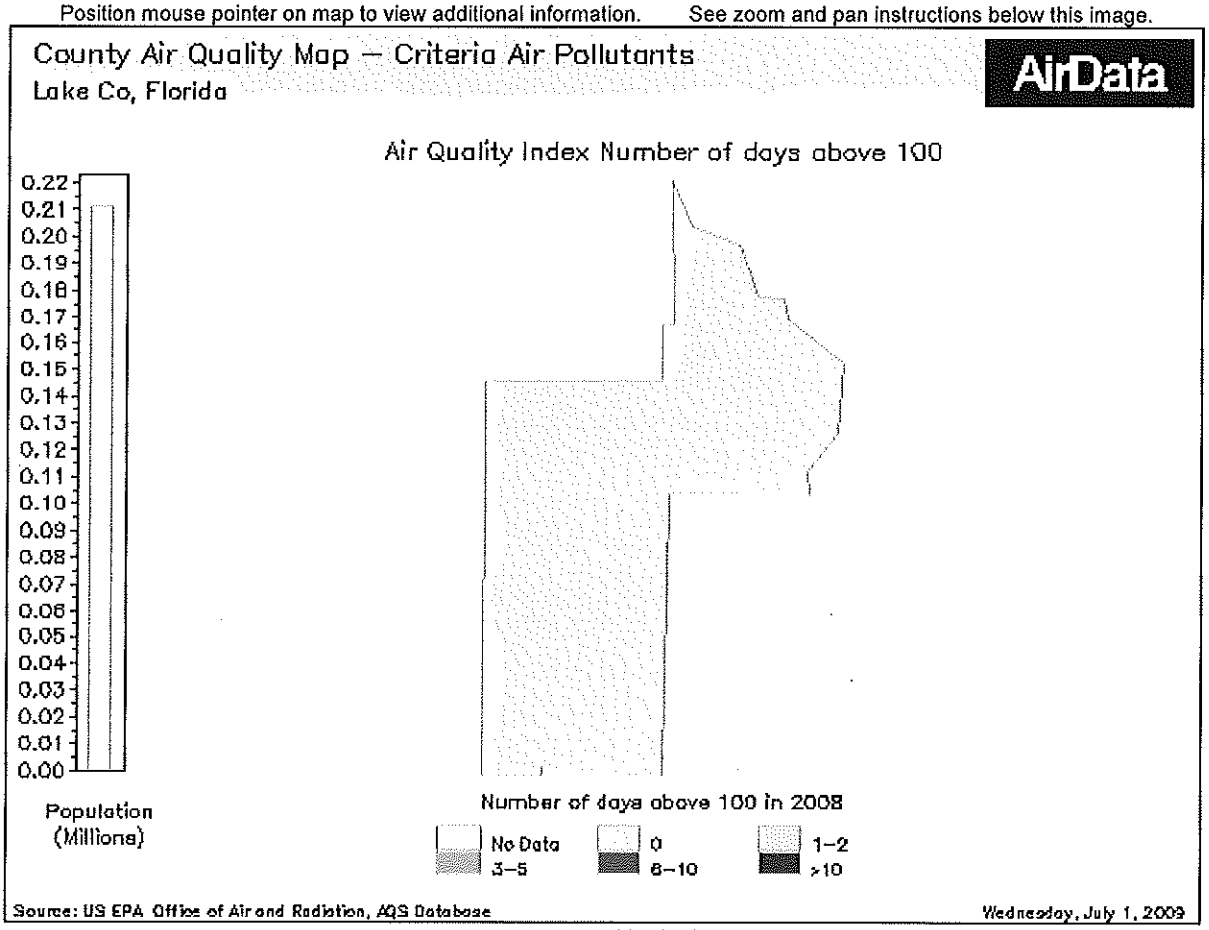
AirData

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.



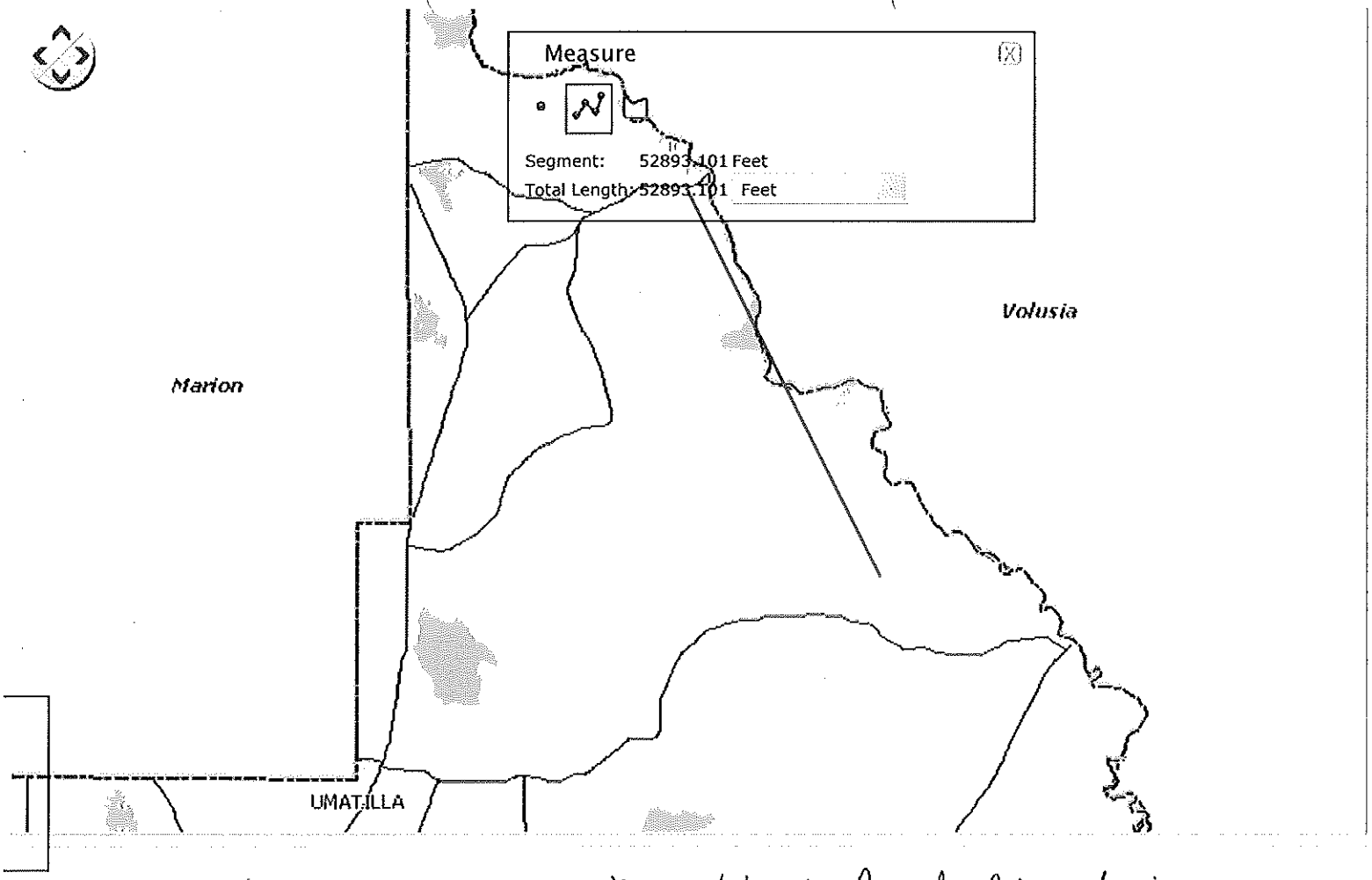
100 %

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 CGM Go | **Download Data** Tab Delimited Go | **View Data** 25 rows per page Go

Attachment 8

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



Closest airfield, Deep Woods Ranch Airport, is approximately 10 miles away.

Attachment 9

homes & communities
U.S. Department of Housing and Urban Development

map your community

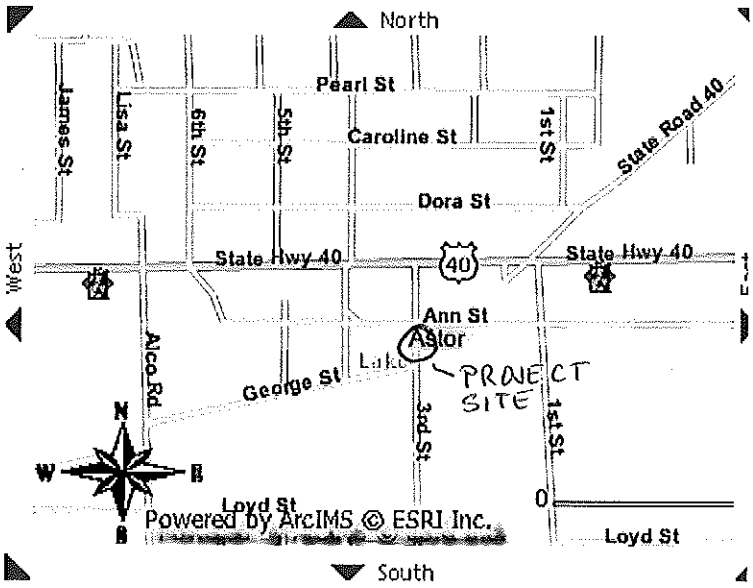
RC/EZ/EC LOCATOR HOME

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 — 75.78m — 248.68ft

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