

**LEGISLATIVE #**

**120227G**



## Planning and Development Services

# **PB-12-61 CPA**

# **Update Conservation, Open Space & Groundwater Recharge Element**

**Sept. 6, 2012**

**City Commission**

**Legislative No. 120227**

**Presentation by Dean Mimms, AICP**

# Background

- **Updating of CON Element needed to comply w/2011 legislation (HB 7207)**
- **Other changes for consistency w/previous statutory chgs, clarity, succinctness, non-duplication w/other Elmts, and to reflect updated data & current programs**
- **Updated associated maps of FLUE map series, deleted General Soil Map (incorp'd by reference)**

# Petition

- Updated Con GOPs and FLUE maps - for adoption
- Updated Data & Analysis (not for adoption)

# Highlights

- Updated text re: wetlands (1.1.1 b.), water quality (2.2.5), water quality & quantity (Obj 2.3 and policies), water shortage emergencies, groundwater recharge, protection of significant plants, animals, habitats in City-owned parks/open space (2.4.7), and coord'g w/agencies to conserve significant nat'l communities (2.4.8)






- Updated policies re: air quality (Obj. 2.5)
- Added text re: energy conservation (Obj. 2.6, Policy 2.6.1)
- Updated text re: tree regulations (Obj. 3.1, Policies 3.1.4, 3.1.7), added “Florida-friendly landscaping” to 3.1.2

- **New policies re: Payne's Prairie Sheet Flow Restoration (4.1.1), and Cabot/Koppers Superfund Site (4.1.5)**
- **New Policy 1.2.2 – registry of City properties for conservation, recreation, or cultural purposes**

# ENVIRONMENTALLY SIGNIFICANT LAND & RESOURCES

## Floridan Aquifer High Recharge Area

### Legend

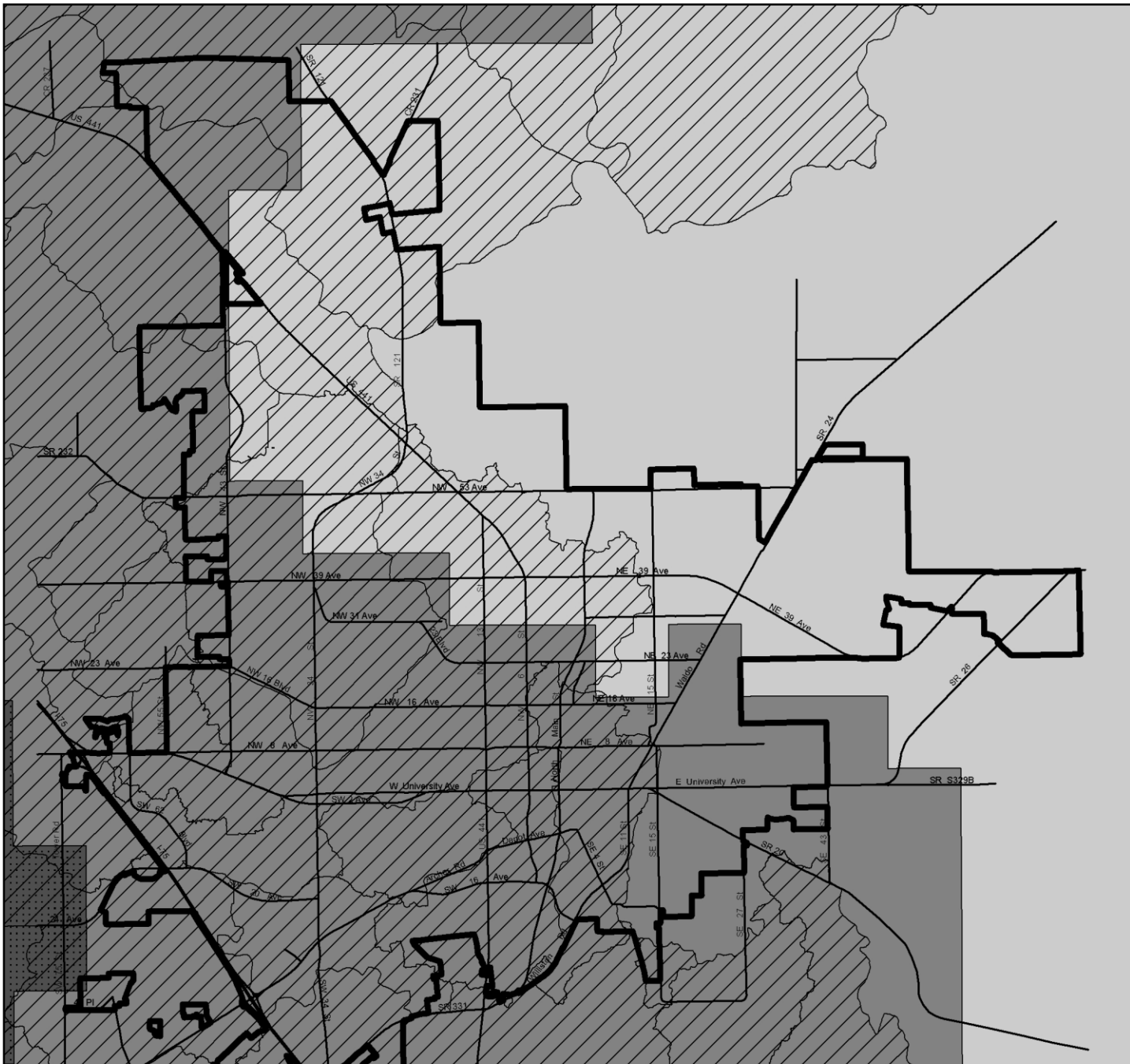
-  Lower Vulnerability
-  Vulnerable
-  High Vulnerability
-  Stream-to-Sink Basins
-  Gainesville City Limits

Note: High aquifer recharge areas are stream-to-sink basins where the Floridan aquifer system is Vulnerable or has High Vulnerability.

Source:  
 Base Layer used to produce the Stream-to-Sink Layer (FDEP, 1998)  
 Generalization of Alachua County (Floridan) Aquifer Vulnerability Assessment Results (Advanced Geospatial, Inc., 2008)  
 This map and the spatial data it contains are for reference use only. For more information, contact the City of Gainesville.

## City of Gainesville Gainesville, Florida

Prepared by the Planning & Development Services Department  
May 2012







# ENVIRONMENTALLY SIGNIFICANT LAND & RESOURCES

Surface Waters & Wetlands  
**120227G**

### Legend

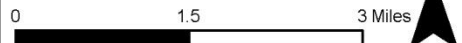
- Spring
- Wetland
- Lake
- Creek
- Gainesville City Limits



Original Source Data:  
Wetlands & Lakes:  
SJRWMD digital files  
(sjlu95.shp, wetlands=  
LU6000-6999 and  
lakes=LU5200  
Alachua County,  
Composite Wetlands  
shapefile

## City of Gainesville Gainesville, Florida

Prepared by the Planning & Development  
Services Department  
May 2012





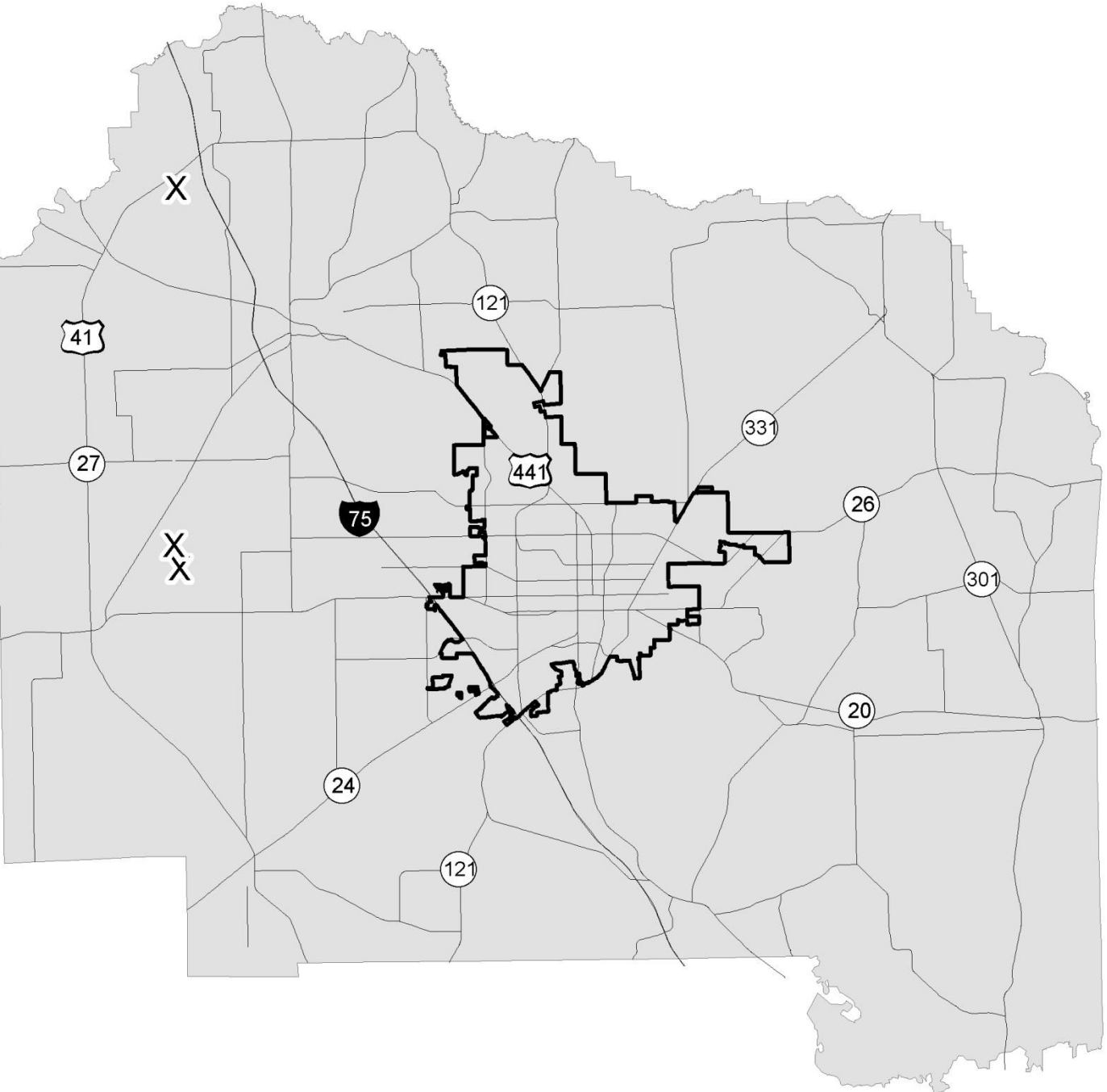
# CONSERVATION, OPEN SPACE, & GROUNDWATER RECHARGE ELEMENT

Active Mine Sites

**120227G**

### Legend

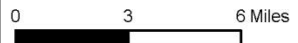
- X Limestone Mine Site
- Gainesville City Limits
- Alachua County



Note: There are no active mine sites inside the City of Gainesville City Limits.  
Source: Florida Department of Environmental Protection (FDEP) shapefile, 2006

## City of Gainesville Gainesville, Florida

Prepared by the Planning & Development Services Department  
May 2012



# GENERAL SOIL ASSOCIATION

## Legend

### Areas Dominated by Sandy Drought Not Subject to Flooding

- Candler-Apopka association
- Jonesville-Chiefland-Archer association

### Areas Dominated by Well Drained Soils Not Subject to Flooding

- Arredondo-Zuber association

### Areas Dominated by Moderately Well Drained Soils Not Subject to Flooding

- Blichton-Flemington-Kanapaha association
- Myakka-Wauchula-Placid association

### Areas Dominated by Poorly and Very Poorly Drained Soils Subject to Flooding

- Martel-Placid association
- Fresh water swamp association

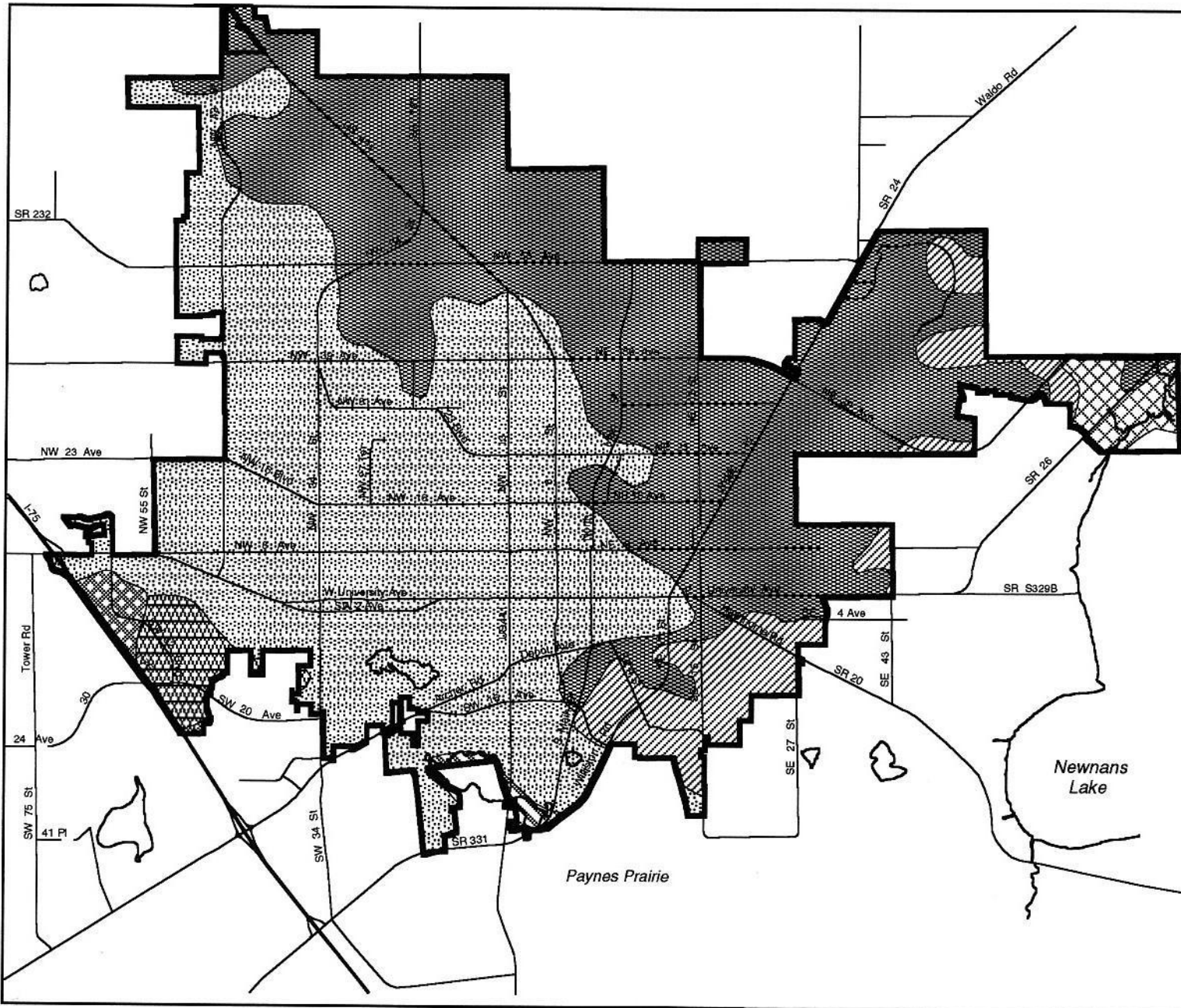
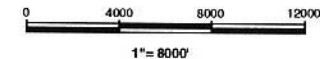
### Source:

Alachua County 201 Wastewater Facility  
 Vol. 2, Chapters 8-10,  
 CH2M-Hill Southeast, Inc., p. 8-12

Soil Survey of Alachua County, Florida  
 USDA-SCS, 1985

## City of Gainesville Gainesville, Florida

Prepared by the  
 Department of Community Development  
 November 2000



# Recommendation

**City Plan Board to City Commission:**  
Approve Petition PB-12-61 CPA  
Plan Board voted 5:0

**Staff to City Commission:** Approve Petition  
PB-12-61 CPA

**Staff to City Plan Board:** Approve Petition  
PB-12-61 CPA