

Ron DeSantis
GOVERNOR



Dane Eagle
EXECUTIVE DIRECTOR

October 20, 2020

The Honorable Terry Turner, Chairman
Putnam County Board of Commissioners
2509 Crill Ave
Palatka, FL 32177

SUBJECT: Environmental Review
Hurricane Matthew Infrastructure Project for St. Johns Avenue Drainage Improvements
Community Development Block Grant Program – Disaster Recovery (CDBG-DR)
HUD/State Identification Number: B-16-DL-12-0001
DEO Agreement Number: HM007

Dear Chairman Turner,

On August 17, 2020, the Florida Department of Economic Opportunity (DEO) received an Environmental Review Record and a Request for Release of Funds and Certification (RROF) form HUD 7015.15, respectively, from Putnam County for the St. Johns Avenue Drainage Improvements Project. DEO issued a request for additional information on September 11, 2020 and received a response from Putnam County on October 12, 2020. DEO reviewed the information provided and has deemed the environmental review completed.

The RROF was held by DEO for the required 15 days, pursuant to title 24 Code of Federal Regulations (CFR) part 58, to allow the public the opportunity to object to the use of U.S. Department of Housing and Urban Development funds for this project. As there were no valid objections to the RROF, the grant condition requiring this project to be environmentally cleared before committing program funds has been met. This environmental review remains valid until or unless one or more of the conditions of title 24 CFR section 58.47 occurs.

This letter along with the attached Authority to Use Grant Funds form (form HUD 7015.16) should be placed in the Environmental Review Record for this project. If you have any questions or need additional information, please contact me at (850) 717-8518.

Sincerely,

Ryan Butler
Deputy Chief of Business Operations
Office of Disaster Recovery

Florida Department of Economic Opportunity | Caldwell Building | 107 E. Madison Street | Tallahassee, FL 32399
850.245.7105 | www.FloridaJobs.org
www.twitter.com/FLDEO | www.facebook.com/FLDEO

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Environmental Assessment for HUD-funded Proposals
Recommended format per 24 CFR 58.36



Project Identification/Contract Number: HM007

Preparer Name (Typed): J. Scott Modesitt, AICP

Preparer Title (Typed): Project Development Director

Responsible Entity/Local Government Name: Putnam County, Florida

Month/Year: July / 2020



Updated 12/2014

Environmental Assessment

Responsible Entity: Putnam County, Florida
[24 CFR 58.2(a)(7)]

Certifying Officer: Terry Turner, Chairman, Putnam County Board of Commissioners
[24 CFR 58.2(a)(2)]

Project Name: St. Johns Avenue Drainage Improvements

Project Location: Portions of St. Johns Avenue in Palatka, Putnam County Florida; It is anticipated the construction stage will also occur in two (2) segments: 1. Construction of Segment I Off-Site Storm Ponds; 2. Construction of Segment II (from the Outfall to Kay Larkin Drive). A map of the project area and locations are included in Appendix A.

Estimated total project cost: \$ \$3,569,507.00

Grant Recipient: Putnam County, Florida
[24 CFR 58.2(a)(5)]

Recipient Address: 2509 Crill Ave, Palatka, FL 32177

Project Representative: J. Scott Modesitt, AICP, Project Development Director

Telephone Number: (813) 685-4585

Conditions for Approval: None

(List all mitigation measures adopted by the responsible entity to eliminate or minimize adverse environmental impacts. These conditions must be included in project contracts and other relevant documents as requirements). [24 CFR 58.40(d), 40 CFR 1505.2(c)]

FINDING: [58.40(g)]

X Finding of No Significant Impact

(The project will not result in a significant impact on the quality of the human environment).

Finding of Significant Impact

(The project may significantly affect the quality of the human environment)

Preparer Signature: J. Scott Modest Date: 7/23/20

Title and Agency: Project Development Director, Summit Professionals, Inc.

RE Approving Official Signature: [Signature]
Title: Chairman Date: 7/24/2020

Local Government Name and Location: Putnam County, City of Palatka, Florida

Statement of Purpose and Need for the Proposal: [40 CFR 1508.9(b)]

Putnam County, Florida, is proposing to utilize \$3,569,507.00 in Disaster Recovery CDBG funding to construct drainage improvements along a section of St. Johns Avenue in the City of Palatka. No work has started on the project.

Description of the Proposal: Include all contemplated actions, which logically are either geographically or functionally a composite part of the project, regardless of the source of funding. [24 CFR 58.32, 40 CFR 1508.25]

Putnam County has been selected to participate in the Hermine & Matthew CDBG-DR Program. The proposed improvements consists of an improved stormwater conveyance and retention facility along St. Johns Avenue in the City of Palatka, Florida. The proposed improvements will provide a new storm water management facility (ponds) with a closed conduit collection system to replace the existing sporadic ditch collection system.

Specifically, construction on St. Johns Avenue will involve relocating an existing retention pond, constructing an estimated 1,900 linear foot of drainage outfall, building a new roadway cross culvert, and modifying and increasing the capacity of an existing retention pond. In addition, from Kay Larkin Drive to the drainage outfall, construction will involve relocating utilities, installing a large trunk line at the center of St Johns Ave, roadway modifications, and swale adjustments.

Putnam County is proposing to install new storm water collection systems or replace existing storm water collection systems. The project will add a piped conveyance system from the primary outfall to Kay Larkin Road and reshape the open channel conveyance system west of the primary outfall. The project also includes the addition of more storm water pond storage and an improved outfall structure. CDBG-DR funds will also be used to reimburse the cost of grant administration services, engineering, and construction.

Existing Conditions and Trends: Describe the existing conditions of the project area and its surroundings and trends likely to continue in the absence of the project. [24 CFR 58.40(a)]

The existing drainage system for St. Johns Avenue consists of roadside swales and ditches of varying widths and depths. St. Johns Avenue is a high trafficked, east-west minor arterial spine road serving the City of Palatka and Central Putnam County. Many portions of St. Johns Avenue, its side roads, and fronting properties experienced high flooding during Hurricane Irma in September 2017. The installation of improved storm water conveyance and other features will alleviate flooding in the area and increase safety of existing evacuation shelters, health facilities, educational facilities, businesses, and residences. The existing conveyance infrastructure is characterized by roadside swales with undersized and/or nonexistent culverts; overgrowth and direction changes. At one time, this road was served by a continuous swale conveyance. It appears various development improvements have interrupted the swale and/or filled the swale at multiple locations. This has resulted in extensive road flooding on a regular basis and more extensive flooding during large rain events.



Updated 12/2014

STATUTORY WORKSHEET
24 CFR §58.5 and §58.6
STATUTES, EXECUTIVE ORDERS & REGULATIONS

Project Name: Putnam County St. Johns Avenue Drainage Improvements

Project Contract Number: HM007

Project Description: Include all contemplated actions that logically are either geographically or functionally part of the project: Putnam County, Florida, is proposing to utilize \$3,569,507.00 in Disaster Recovery CDBG funding to construct drainage improvements along a section of St. Johns Avenue in the City of Palatka. Putnam County intends to install a new storm water collection and piped conveyance system by using a 4'x8' box culvert at St. Johns Avenue from the primary outfall to Kay Larkin Drive. The project also includes the addition of more storm water pond storage and an improved outfall structure.

The pond and outfall construction will involve the construction of a new retention pond, reshaping of an estimated 1,900 linear foot of drainage outfall, and building a new roadway cross culvert. In addition, from Kay Larkin Drive to the drainage outfall, construction will involve installing a large storm trunk line at the center of St Johns Ave., roadway modifications, and swale adjustments.

DIRECTIONS: Write "A" in the Status Column when the proposal, by its scope and nature, does not affect the resources under consideration; or write "B" if the project triggers formal compliance consultation procedures with the oversight agency, or requires mitigation (see Statutory Worksheet Instructions). Compliance documentation must contain verifiable source documents and relevant base data.

Compliance Factors:

| STATUTES, EXECUTIVE ORDERS AND REGULATIONS LISTED AT 24 CFR §58.5 | A/B | COMPLIANCE DETERMINATION AND DOCUMENTATION |
|--|-----|---|
| <p>HISTORIC PRESERVATION 36 CFR PART 800</p> | A | <p>The majority of the project is located on previously paved streets in City and County right-of-way. No known historical properties or features will be impacted by the project. There is one area of previously disturbed property located at the proposed pond site. Project details were submitted to the Florida State Bureau of Historic Preservation for review. A copy of the agency's Clearance Letter is included in Appendix B. Conditions regarding actions should archaeological evidence be found on the site will be included in the project construction contract documents.</p> <p>Project information was also submitted to the Muscogee (Creek) Nation, Miccosukee Tribe of Indians, and the Coushatta Tribe of Louisiana. No responses were received. Copies of consultation letters and responses, if applicable, are included in Appendix B.</p> |
| <p>FLOODPLAIN MANAGEMENT 24 CFR §55 & EXECUTIVE ORDER 11988</p> | A | <p>No portion of the project area is located in a flood-prone area. All project activities are located in Flood Zone X, areas of minimal flood hazard, outside the SFHA and higher than the elevation of the 0.2-percent-annual-chance flood. Please see attached 'FIRM' Map, data refreshed April 2019, included in Appendix A and copies of consultation letter submitted to FEMA in Appendix B.</p> |
| <p>WETLAND PROTECTION EXECUTIVE ORDER 11990</p> | B | <p>Areas of wetlands have been identified within the Service Area. These wetland are located along a potential conveyance location and in the potential pond site. Following identification of the wetland, the County initiated an 8-Step Decision Making Process</p> |

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| | | for Wetlands. The 8-Step Decision Making Process and related documents are included in Appendix E. Also see Wetlands Map in Appendix A. |
| COASTAL ZONE MANAGEMENT ACT SECTIONS 307(c) & (d) | A | The project is consistent with the Florida Coastal Management Program as it does not fall in a coastal zone. As defined in the Act, the coastal zone includes coastal waters extending to the outer limit of state submerged land title and ownership, adjacent shorelines, and land extending inward to the extent necessary to control shorelines. A Coastal Barrier Resources Map is included in Appendix A. |
| SOLE SOURCE AQUIFERS 40 CFR 149 | A | Designated areas of the Volusia Sole Source Aquifer do lie within a portion of Putnam County, however the project does not fall in a Sole Source Aquifer or recharge area. Please see attached Sole Source Aquifer map in Appendix A. |
| ENDANGERED SPECIES ACT 50 CFR 402 | A | The work will consist of construction of swales and culverts adjacent to existing streets and in existing developed City right-of-way. According to the US Fish and Wildlife Service, due to its nature, the project can self-certify as compliant with the Endangered Species Act. Please see attached correspondence from the US FWS in Appendix B. A biological survey was conducted in the stormwater pond project area which identified potential gopher tortoise burrowing sites. Construction activities will avoid these sites during project implementation. |
| WILD AND SCENIC RIVERS ACT SECTIONS 7(b) & (c) | A | No impact. There are two designated rivers in the State of Florida, the Loxahatchee River and the Wekiva River. The project is not located within one mile of a listed Wild and Scenic River. Please see attached Wild and Scenic Rivers Map in Appendix A. |
| CLEAN AIR ACT SECTIONS 176(c)(d) & 40 CFR 6, 51, 93 | A | The project's county or air quality management district is not in nonattainment or maintenance status for any criteria pollutants. Construction activities may result |

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| | | in temporary dust and particulate matter in the air however impacts will be of limited duration and will be less than significant. Please containment area map in Appendix A. |
| FARMLAND PROTECTION POLICY ACT 7 CFR 658 | A | The proposed project will not result in reduction in acreage of any agricultural crop or prime farmlands. No conversion of farmland within or adjacent to the project site will occur. The Soil Survey Geographic (SSURGO) Database for Florida produced by the U.S. Department of Agriculture, Natural Resources Conservation Service indicates all project activities will occur in soils identified to be not suitable for farmland. See USDA, NRCS Custom Soils Report in Appendix C. |
| ENVIRONMENTAL JUSTICE EXECUTIVE ORDER 12898 | A | The proposed project will provide for improved stormwater and flood control facilities within an identified low-income neighborhood. Because the proposed project specifically benefits low- and moderate-income populations, the proposed project will have a beneficial impact on environmental justice. |
| NOISE ABATEMENT & CONTROL 24 CFR §51B | A | Temporary short-term noise impacts are anticipated during the construction period. Following construction completion, no impact is anticipated. The project does not involve development of noise sensitive uses. |
| EXPLOSIVE & FLAMMABLE OPERATIONS 24 CFR 51C 24 CFR §51C | A | No foreseen or anticipated impact. The project activities will occur in a populated residential and commercial area and involves construction of standard stormwater conveyance facilities. The project will not expose either people or buildings to above-ground explosive or flammable fuels or chemical containers. |
| HAZARDOUS, TOXIC OR RADIOACTIVE MATERIALS & SUBSTANCES 24 CFR 58.5(i)(2) | A | No foreseen or anticipated impact. The project activities will occur in a populated residential and commercial area and involves construction of standard stormwater conveyance facilities. The project will not expose either people or buildings to Hazardous, Toxic or Radioactive Materials & Substances. Please attached ECHO Reports in Appendix F. |

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| AIRPORT CLEAR ZONES & ACCIDENT POTENTIAL ZONES 24 CFR 51D | A | Although the project is within 2,500 feet of an existing civilian airport, it does not involve new construction, substantial rehabilitation, acquisition of undeveloped land, or activities that would significantly prolong the physical or economic life of existing facilities that will be frequently used or occupied by people. (See Runway Clear Zones Map in Appendix D). |
|---|---|---|

NEPA Environmental Assessment Checklist

[Environmental Review Guide HUD CPD 782, 24 CFR §58.40; Ref. 40 CFR §1508.8 & §1508.27]

Evaluate the significance of the effects of the proposal on the character, features and resources of the project area. Enter relevant base data and verifiable source documentation to support the finding. Then enter the appropriate impact code from the following list to make a determination of impact. Impact Codes: (1) - No impact anticipated; (2) - Potentially beneficial; (3) - Potentially adverse; (4) - Requires mitigation; (5) - Requires project modification. Note names, dates of contact, telephone numbers and page references. Attach additional material as appropriate. Note conditions or mitigation measures required.

| Land Development | Code | Source or Documentation |
|--|------|--|
| Conformance with Comprehensive Plans and Zoning | 2 | The proposed project is consistent and in accord with local and state goals. Rehabilitation aspects of the project create positive, long-range influence and will assure stormwater conveyance and flood protection for the area. The project information was submitted to the North East Florida Regional Planning Council and they had no comments. |
| Compatibility and Urban Impact | 2 | The proposed project provides for improved stormwater conveyance and flood control in a residential and commercial area. It is anticipated that the project will reduce the incidence of flooding in a populated area. |
| Slope | 1 | The project will not affect area relief due to the nature of the activities proposed and the limited slope existing in the present area relief. As plans and specs are being developed, the project engineer will verify the determination the project will not have negative effects on Slope. |
| Erosion | 1 | All project activities will occur in level areas of previously developed right-of-way. Any potential erosion during construction activities would be mitigated through BMPs. Following construction, the project area will be return to its preexisting condition. As plans and specs are being developed, the project engineer will verify the determination the project will not have negative effects on Erosion. |
| Soil Suitability | 1 | Surface area and growth zones will be unaffected and returned to original or improved state. As plans and specs are being developed, the project engineer will verify the determination the project will not have negative effects on Soil Suitability. |
| Hazards and Nuisances including Site Safety | 1 | No long-term impact. Sites will be restricted to construction personnel with compatible working hours maintained. |
| Energy Consumption | 1 | No substantial power usage anticipated. |
| Noise - Contribution to Community Noise Levels | 1 | Ambient noise not a factor. Short-term construction noise will be limited to normal working hours. |
| Air Quality - Effects of Ambient Air Quality on Project and Contribution to Community Pollution Levels | 1 | Construction activities may result in temporary dust and particulate matter in the air however impacts will be of limited duration and will be less than significant. |
| Environmental Design - Visual Quality - Coherence, Diversity, Compatible Use and Scale | 1 | Ground surface area will be returned to original or improved state. The project activities are consistent with the land use requirements established in the Local Comprehensive Plan. |

| Socioeconomic | Code | Source or Documentation |
|--------------------------------|------|---|
| Demographic Character Changes | 1 | Because the project will provide for new sewer service in low income neighborhoods, it is expected that the project will provide for beneficial demographic character in the project area. Population size, distribution and other demographic characteristics will be unaltered by the project activities. |
| Displacement | 1 | Given the nature of the project activities no displacement will occur. |
| Employment and Income Patterns | 1 | Project construction will provide short-term employment opportunities. No long-term impacts anticipated. |

| Community Facilities and Services | Code | Source or Documentation |
|-----------------------------------|------|---|
| Educational Facilities | 1 | The project does not have any negative impacts on the environmental conditions or the delivery of services at any elementary, junior or senior high schools located within the service area. |
| Commercial Facilities | 2 | The Community Development Plan and the Comprehensive Plan have been reviewed for compliance and impact. The current project will benefit existing commercial facilities by reducing the potential for flooding. |
| Health Care | 1 | The project does not have any impact on the environmental conditions or the delivery of services at any health care facility in the area. |
| Social Services | 1 | The grant recipient does not provide any direct social services that would be impacted by this project. Also, reviewing the service area for private delivery of social services indicates that the current project will not impact the delivery of any privately supplied social services. |
| Solid Waste | 1 | The Solid Waste element of the Comprehensive Plan was reviewed for compliance. It is not anticipated that the project will generate any significant solid wastes. Any solid waste generated by construction activities will be disposed of by the contractor in an appropriate fashion. |
| Waste Water | 1 | The proposed activities will have no impact on the County's wastewater facilities. |
| Storm Water | 1 | The proposed activities will have no impact on stormwater management facilities. |
| Water Supply | 1 | The proposed activities will have no impact on the County's water supply or capacities. |

| Community Facilities and Services | Code | Source or Documentation |
|-----------------------------------|------|---|
| Public Safety - Police | 1 | The proposed activities will not impact the local police department and it was determined that the modifications would have neither a financial or public safety impact, as it related to the delivery of public safety services. Construction documents will include provisions for appropriate traffic maintenance during the implementation of construction activities. Local agencies were notified of potential road closures during construction activities by email. Please see attached email correspondence in Appendix B. |
| - Fire | 1 | The proposed activities will comply with all local, state and federal fire codes, which include thermal and explosive hazards. Construction documents will include provisions for appropriate traffic maintenance during the implementation of construction activities. Local agencies were notified of potential road closures during construction activities. Please see attached email correspondence in Appendix B. |

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| - Emergency Medical | 1 | The proposed activities will have no impact on emergency medical services. Construction documents will include provisions for appropriate traffic maintenance during the implementation of construction activities. |
| Open Space and Recreation - Open Space | 1 | This project will have no impact on the availability of open spaces within the community. In addition, the project will not impact the local government's acquisition of open spaces as required by the Local Comprehensive Plan. |
| - Recreation | 1 | The proposed activities will have no impact on any recreational facilities or opportunities. |
| - Cultural Facilities | 1 | The proposed activities will have no impact on any cultural facilities or activities. |
| Transportation | 1 | Because the project activities will occur along streets and rights-of-way in a populated residential area, some short-term impacts to automobile traffic during construction activities are anticipated. These impacts will be mitigated through appropriate traffic control measures. No long-term impacts are anticipated upon project completion. |

| Natural Features | Code | Source or Documentation |
|--|------|--|
| Water Resources | 1 | The only potential impacts to water resources may be during construction activities. These impacts would be minimal, controlled by BMPs during the construction phase, and be temporary in duration. |
| Surface Water | 2 | The proposed project will provide beneficial improvements to surface water controls by constructing more efficient stormwater and flooding control and conveyance. The proposed facilities will receive the necessary permits required and incorporate BMPs during implementation. Project documentation was submitted to the US Army Corp of Engineers and to the St. Johns River Water Management District. Their comments are included in Appendix B. |
| Unique Natural Features and Agricultural Lands | 1 | This project does not encourage the conversion of important farmlands or unique natural features of the local area. There will be no impact on natural features and agricultural lands. |
| Vegetation and Wildlife | 1 | This project does not jeopardize, threaten or result in the destruction or modification of critical habitat. Most activities will be conducted in previously developed right-of-way and on previously cleared lands. A biological assessment did identify several potential gopher tortoise burrows. The burrows are located on uplands in the project area and it is anticipated that they can be avoided during construction. |

Summary of Findings and Conclusions:

As a result of the checklist process and agency reviews, it is the environmental officer's conclusion that the referenced project will have no negative impacts on the quality of the human or natural environment. This reflects the fact that the project is an improvement of pre-existing conditions. The proposed activities will provide for improved stormwater and flood control to a developed residential and commercial area. All activities will occur in previously developed Town right-of-way or on previously developed cleared land. It is our determination that the improvements will be beneficial to the human, built, and natural environment with no impact to the human or natural

environment.

ALTERNATIVES TO THE PROPOSED ACTION

Alternatives and Project Modifications Considered [24 CFR §58.40(e), Ref. 40 CFR §1508.9] (Identify other reasonable courses of action that were considered and not selected, such as other sites, design modifications, or other uses of the subject site. Describe the benefits and adverse impacts to the human environment of each alternative and the reasons for rejecting it.)

The project area was selected due to the preponderance of need, the condition of the existing stormwater conveyance and storage systems in the area and the propensity for flooding and flood damage in the area. Other areas considered are impractical given the location of the existing stormwater storage facilities, existing swales and the general topography of the area; and further they were no better suited for the improvements as the preferred alternative would be cost prohibitive and have a higher impact on the human and natural environment. The proposed project represents the highest and best use of CDBG funds for the provision of flood and drainage control measures. The proposed project area has been identified as an area containing concentrations of physical and social conditions that contribute to the decline in overall quality of life. The activity proposed under the CDBG award agreement is directed at alleviating these conditions.

In addition to location, some alternatives were considered regarding RCP pipe materials and capacities. It was determined that the highest and best use of grant funds would be for the construction of the new conveyance and storage system as the proposed alternative. The proposed alternative provides for the most benefit and capacity for the highest number of households given the funding available.

No Action Alternative [24 CFR §58.40(e)]

(Discuss the benefits and adverse impacts to the human environment of not implementing the preferred alternative).

The No Action Alternative would result in no flood and drainage improvements to the area. Future rainfall events would result in continued flooding and damage to existing structures. This represents a public safety issue. The no action alternative results in a lower level of overall public safety and higher long-term cost than the proposed action alternative.

Mitigation Measures Recommended [24 CFR §58.40(d), 40 CFR §1508.20]

(Recommend feasible ways in which the proposal or its external factors should be modified in order to minimize adverse environmental impacts and restore or enhance environmental quality.)

Aside from standard construction practices, given the location and nature of the proposed project activities, no mitigation measures are recommended. All activities will occur in previously developed areas and all areas will be returned to preexisting conditions following construction. The construction contract should include provisions for best management practices for addressing

erosion, runoff, and impacts to transportation in the project area during construction.

Additional Studies Performed

(Attach studies or summaries)

List of Sources, Agencies and Persons Consulted [40 CFR §1508.9(b)]

A preliminary evaluation was done in conjunction with the grant application process through the Florida State Clearinghouse, the Florida Department of Environmental Protection and the North East Florida Regional Planning Council.

Project information was submitted to the Florida Department of State Bureau of Historic Preservation, applicable THPO Officers, U.S. Fish and Wildlife Service West Florida Ecosystem Field Office, Northwest Florida Water Management District, and the (See attached correspondence).

Overlay maps of the project areas were analyzed using the following data sources:

- FEMA Flood Insurance Rate Maps (DFIRM) in the State of Florida
- USFWS National Wetlands Inventory Wetlands Mapper
- Florida subset of the Airport Runways database, a geographic dataset of runways in the United States and US territories containing information on the physical characteristics of the runways. This geospatial data is derived from the FAA's National Airspace System Resource Aeronautical Data Product (Effective 18 January 2010).
- Federal Railroad Administration, Florida subset of the National Rail Network
- FEMA Coastal Barrier Resources System (CBRS) Polygons of the Digital Flood Insurance Rate Map



Updated 12/2014

**DOCUMENTATION OF COMPLIANCE with
24 CFR Part 58.6 (a - d)**

Use this form for all levels of review

Grant Recipient: Putnam County, Florida Contract Number: HM007

Prepared By: J. Scott Modesitt, AICP Date: May 1, 2020

Flood Insurance:

- ☒ **The site is not in the 100 year floodplain (see attached map)**
☐ **The site is in the 100 year floodplain (see attached map)**
☐ **Flood Insurance is required for structures in the 100 year floodplain**

A. Flood Insurance when the site is in the 100 year floodplain:

1. Under the flood Disaster Protection Act of 1973, as amended (42 U.S.C. 4001-4128), Federal financial assistance or acquisition and construction purposes (including rehabilitation) may not be used in an area identified by the Federal Emergency Management Agency (FEMA) as having special flood hazards, unless:
 - i. The community in which the area is situated is participating in the National Flood Insurance Program (see 44 CDR Parts 59 through 79), or less than one year has passed since the FEMA notification regarding such hazards, and
 - ii. Where the community is participating in the National Flood Insurance Program, flood insurance protection is to be obtained as a condition of the approval of financial assistance to the property owner.
2. Where the community is participating in the National Flood Insurance Program and the recipient provided financial assistance for acquisition or construction purposes (including rehabilitation) for property located in an area identified by FEMA as having special flood hazards, the responsible entity is responsible for assuring that flood insurance under the National Flood Insurance Program is obtained and maintained.
3. Paragraph (a) of this section does not apply to Federal Formula grants made to a State.

B. Under section 582 of the National Flood Insurance Reform Act of 1994, 42 U.S.C. 5154a, HUD Disaster assistance that is made available in a special flood hazard area may not be used to make a payment (including any loan assistance payment) to a person for repair, replacement or restoration for flood damage to any personal, residential or commercial property if:

1. The person had previously received Federal flood disaster insurance conditioned on obtaining and maintaining flood insurance; and
2. The person failed to obtain and maintain flood insurance

Coastal Barrier Islands:

- ☒ **The site is not in a Coastal Barrier Island (documentation attached)**
☐ **The site is in a Coastal Barrier Island but the activity is not prohibited as indicated at: <http://www.fws.gov/>**
☐ **The site is in a Coastal Barrier Island and the activity is prohibited as indicated at: <http://www.fws.gov/>; the project must be rejected.**

Pursuant to the Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 (16 U.S.C. 3501), HUD assistance may not be used for most activities proposed in the Coastal Barrier Resources System.

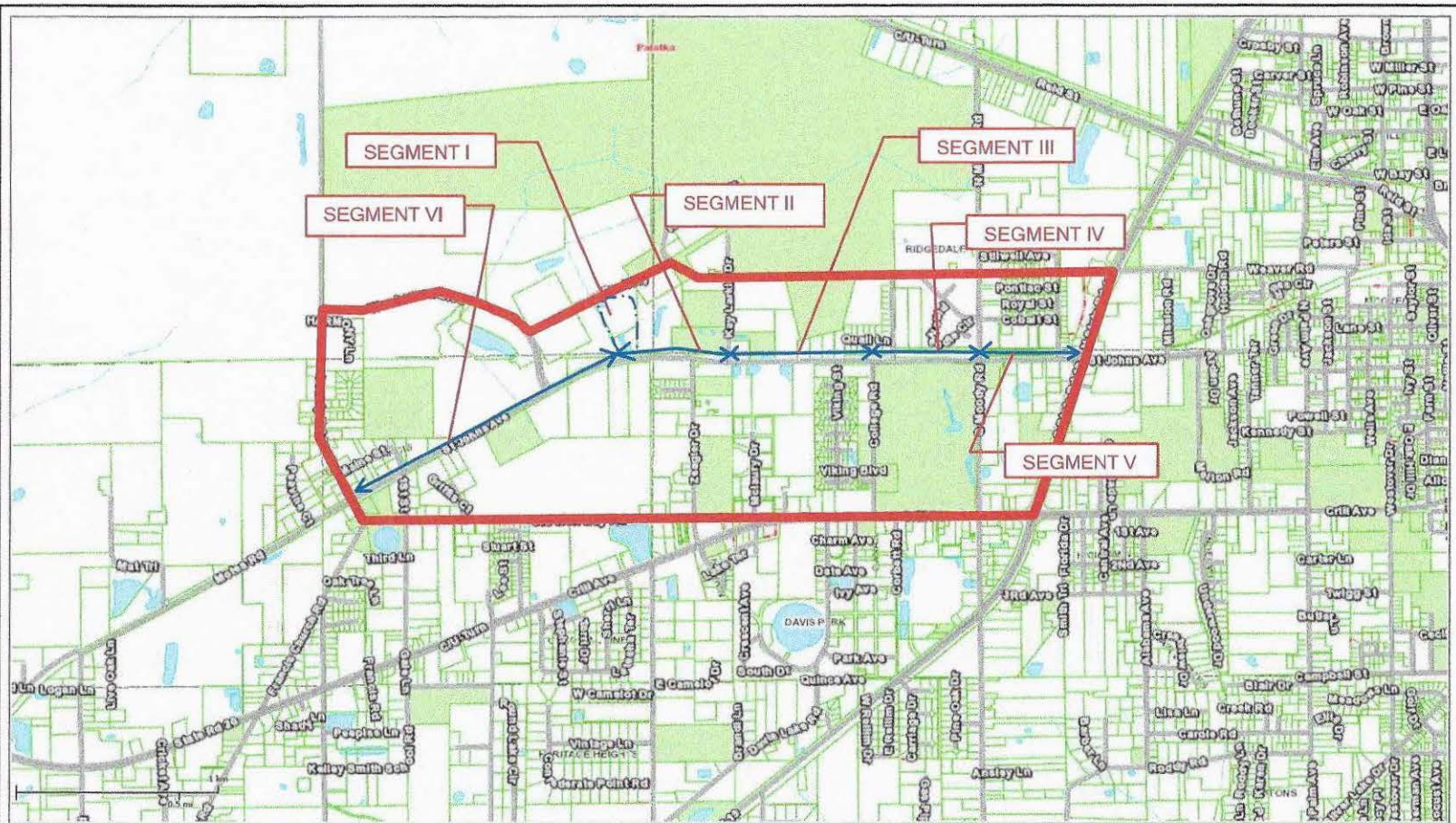
Clear Zones:

- ☒ **The site is not in the Clear Zone (documentation attached)**
☐ **The site is in the Clear Zone (signed acknowledgement attached)**

In all cases involving HUD assistance, subsidy, or insurance for the sale of an existing property in a Runway Clear Zone or Clear Zone, as defined in 24 CFR Part 51, the responsible entity shall advise that the property is in a runway clear zone or clear zone, what the implications of such a location are, and that there is a possibility that the property may, at a later date be acquired by the airport operator. The buyer must sign a statement acknowledging receipt of this information.

APPENDIX A

Maps

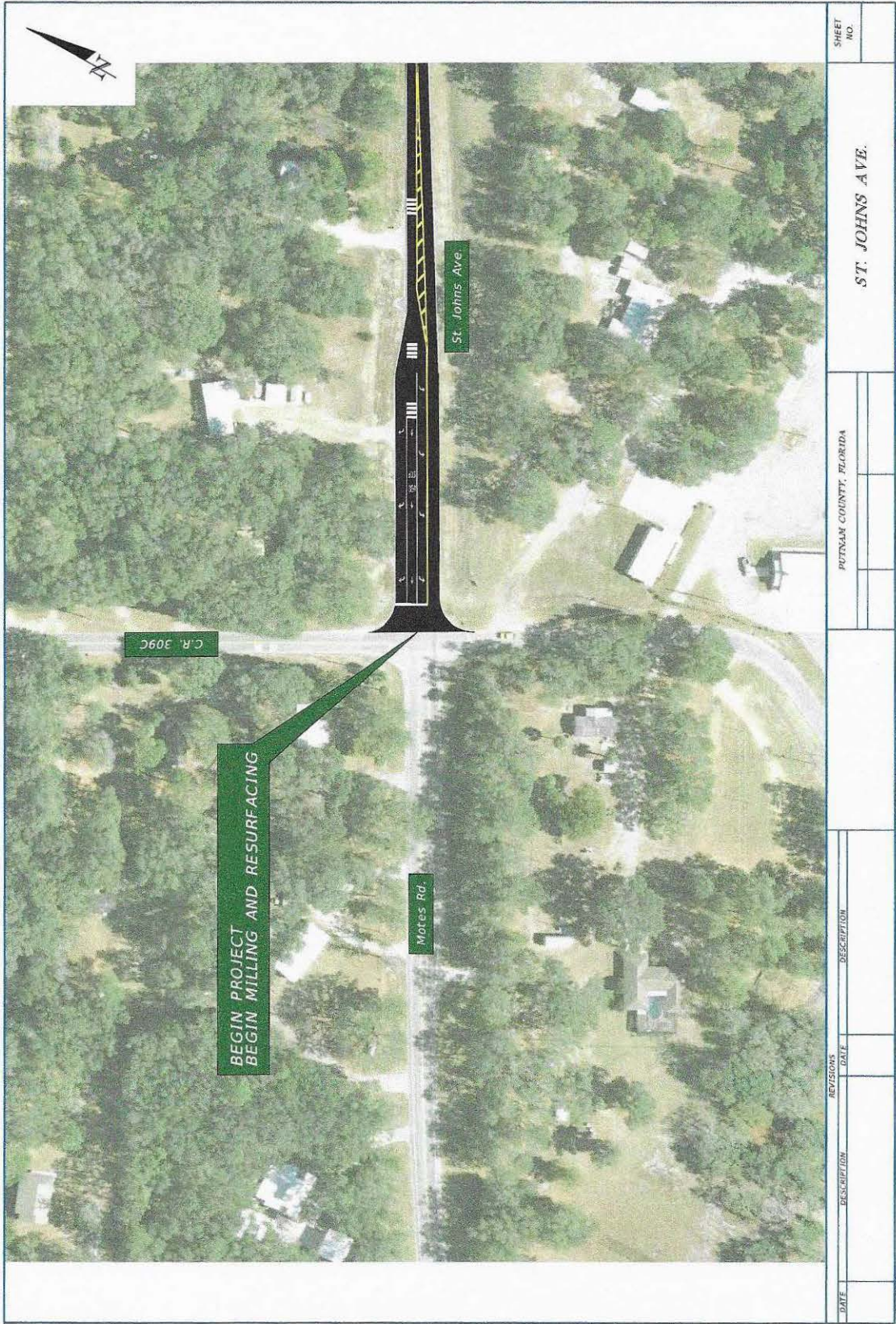


PUTNAM COUNTY

ST. JOHNS AVENUE STUDY AREA

ATTACHMENT 4

All provided Putnam County GIS data are to be considered a generalized spatial representation that is subject to revisions. This information is provided as a visual representation only and is not to be used as a legal or official representation of legal boundaries. The Putnam County Board of County Commissioners as well as the constitutional offices including the Clerk of the Court, Property Appraiser, Sheriff, Supervisor of Elections, and Tax Collector assume no responsibility associated with its misuse.



| REVISIONS | | DESCRIPTION | | DATE | |
|-----------|-------------|-------------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | DATE | DESCRIPTION |
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SHEET NO.

PUTNAM COUNTY, FLORIDA

ST. JOHNS AVE.

10/17/2019 10:03 AM 24'x36'



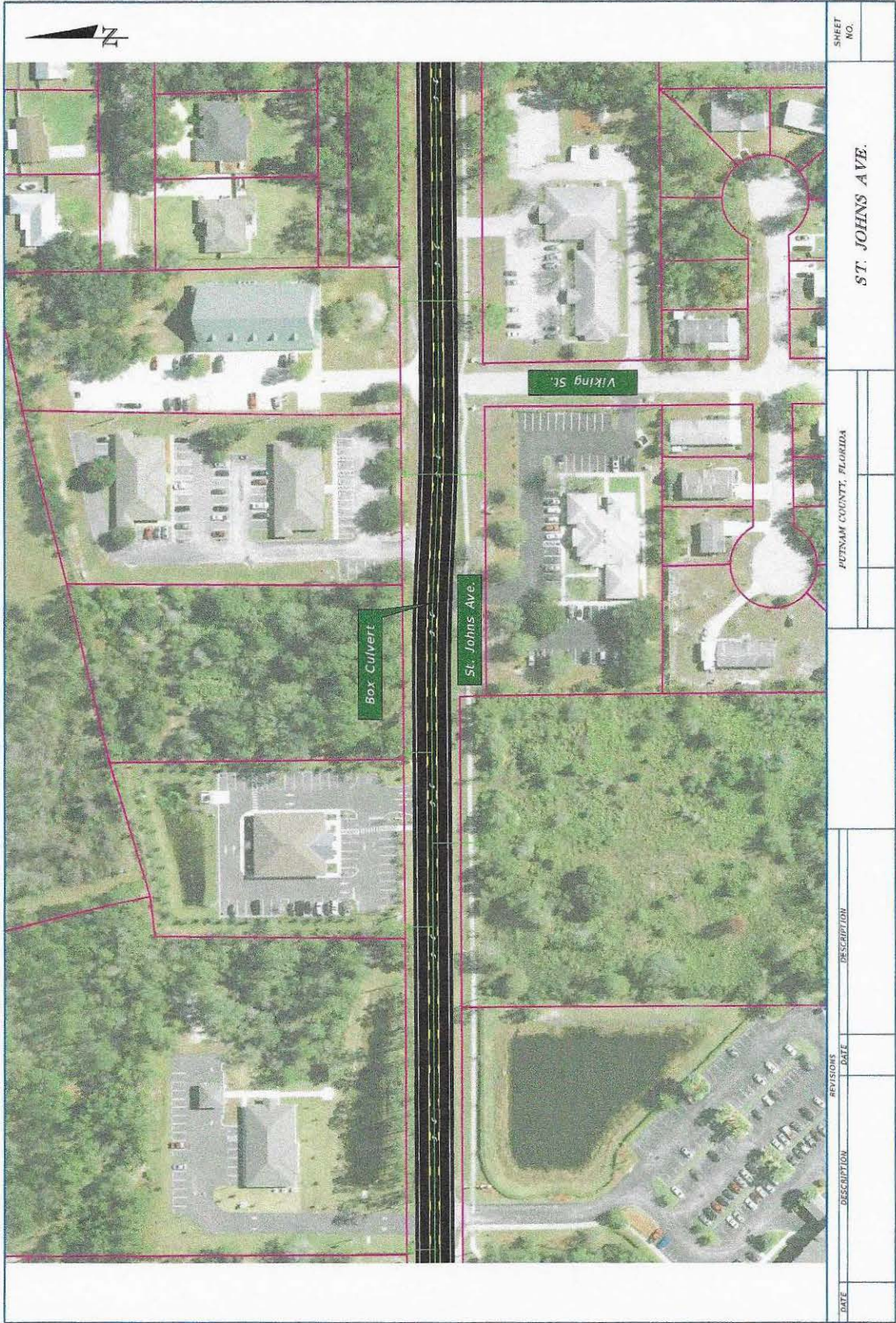
Professional Services for Engineering Design of St. Johns Avenue
Drainage Improvements from CR 309C to SR 19, RFD 20-05
Putnam County



10/07/2019 12:53:59 PM Detail



Professional Services for Engineering Design of St. Johns Avenue
Drainage Improvements from CR 309C to SR 19, RFQ 20-05
Putnam County

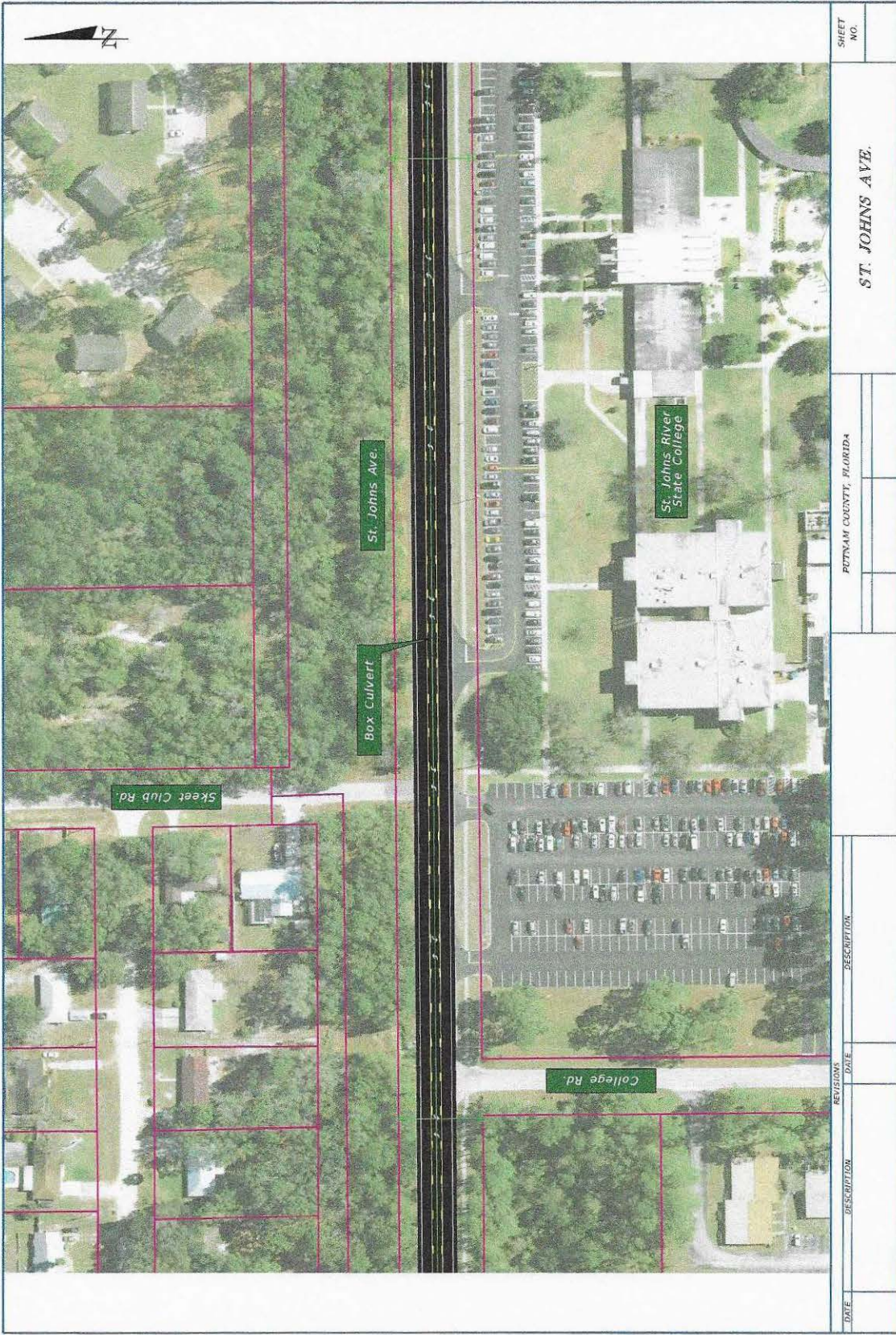


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| ST. JOHNS AVE. | | | | | |
| PUTNAM COUNTY, FLORIDA | | | | | |
| SHEET NO. | | | | | |

1/17/2019 12:28 PM 100.mxd



Professional Services for Engineering Design of St. Johns Avenue
Drainage Improvements from CR 399C to SR 19, RFO 20-05
Putnam County



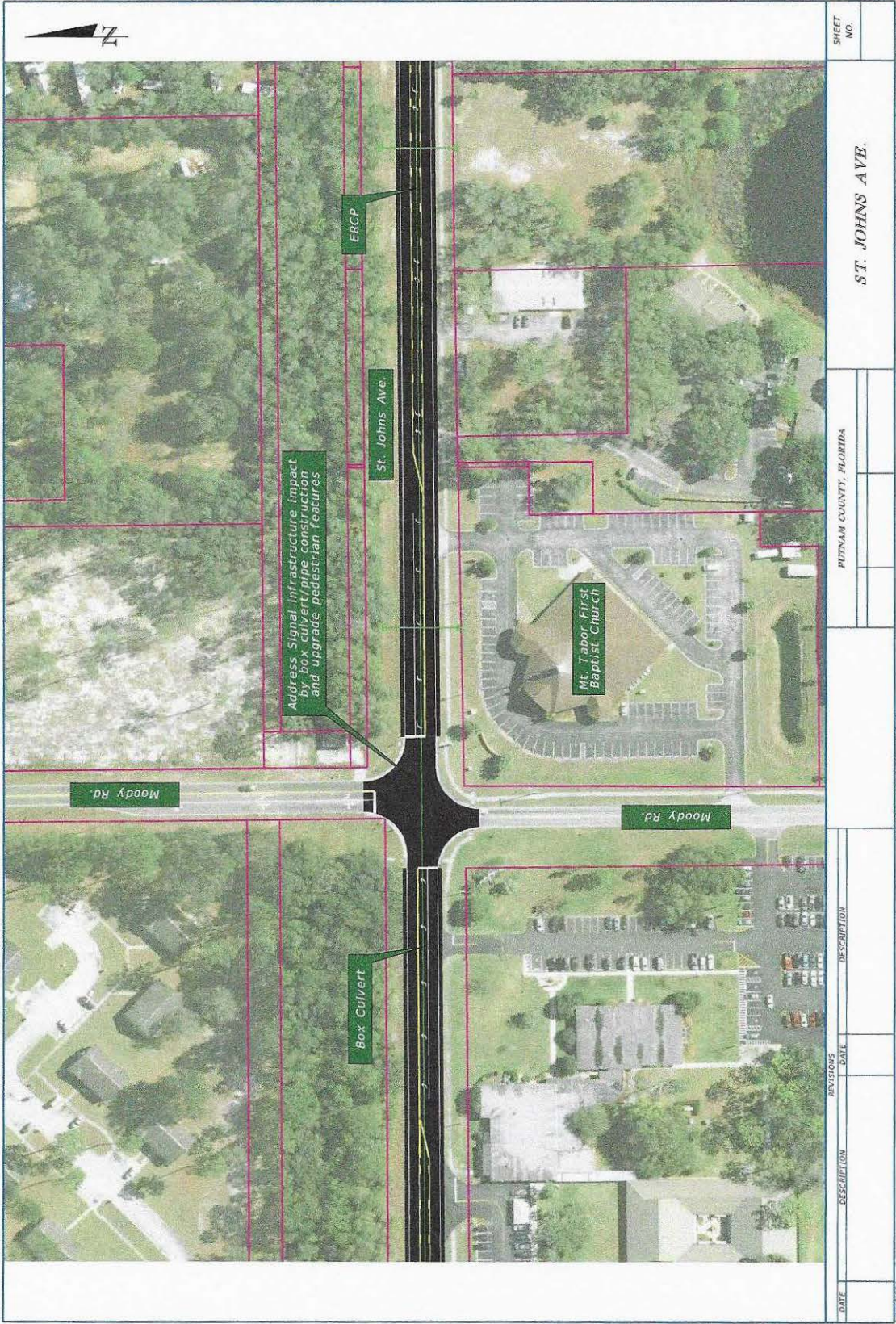
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| PUTNAM COUNTY, FLORIDA | | ST. JOHNS AVE. | | SHEET NO. |
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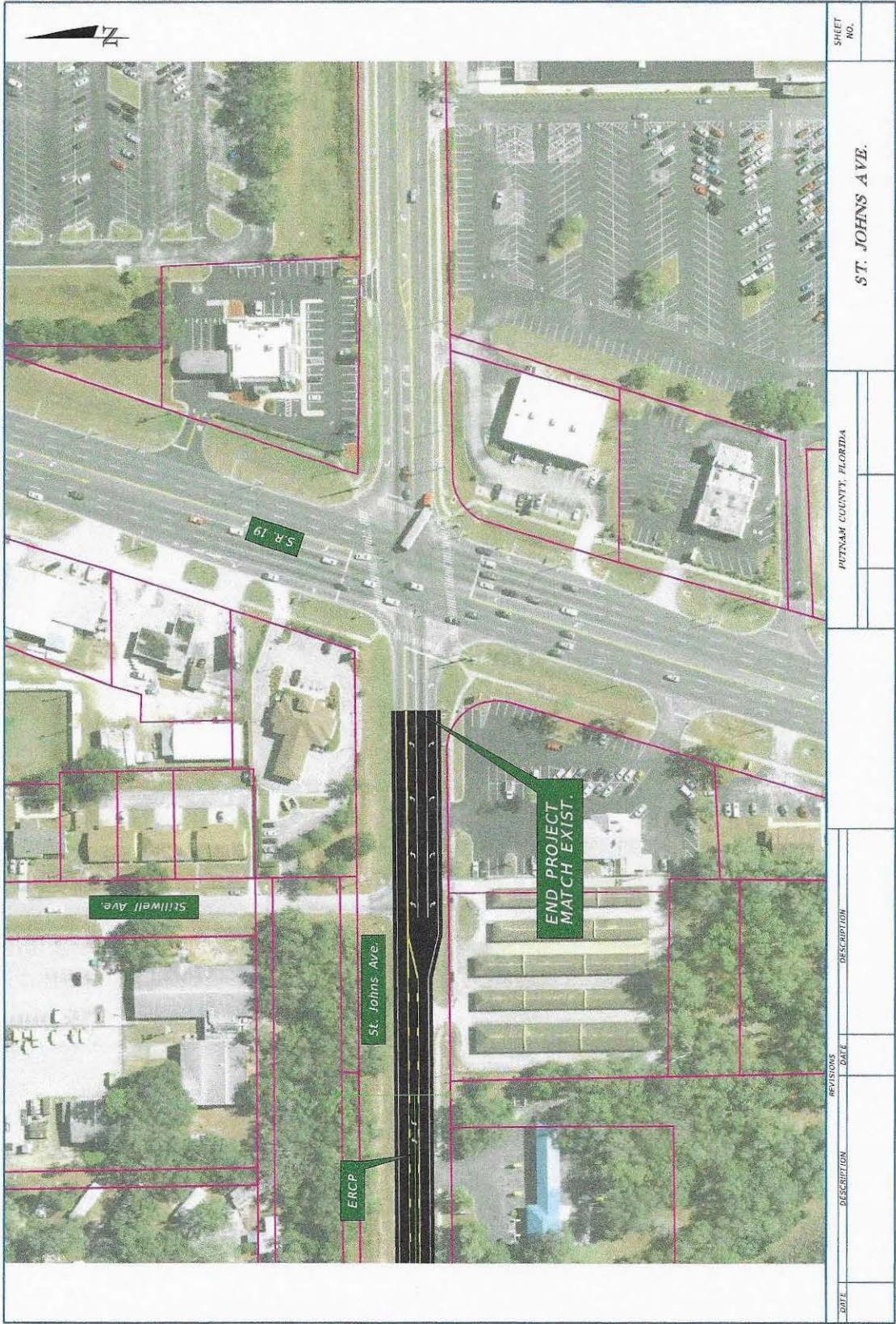
Professional Services for Engineering Design of St. Johns Avenue
 Drainage Improvements from CR 309C to SR 17, RFQ 20-05
 Putnam County



| REVISIONS | | DESCRIPTION | | DATE | |
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| DATE | | DESCRIPTION | | DATE | |
| <div> <div>ST. JOHNS AVE.</div> <div>PUTNAM COUNTY, FLORIDA</div> </div> | | | | | |
| SHEET NO. | | <div> <div>ST. JOHNS AVE.</div> <div>PUTNAM COUNTY, FLORIDA</div> </div> | | | |



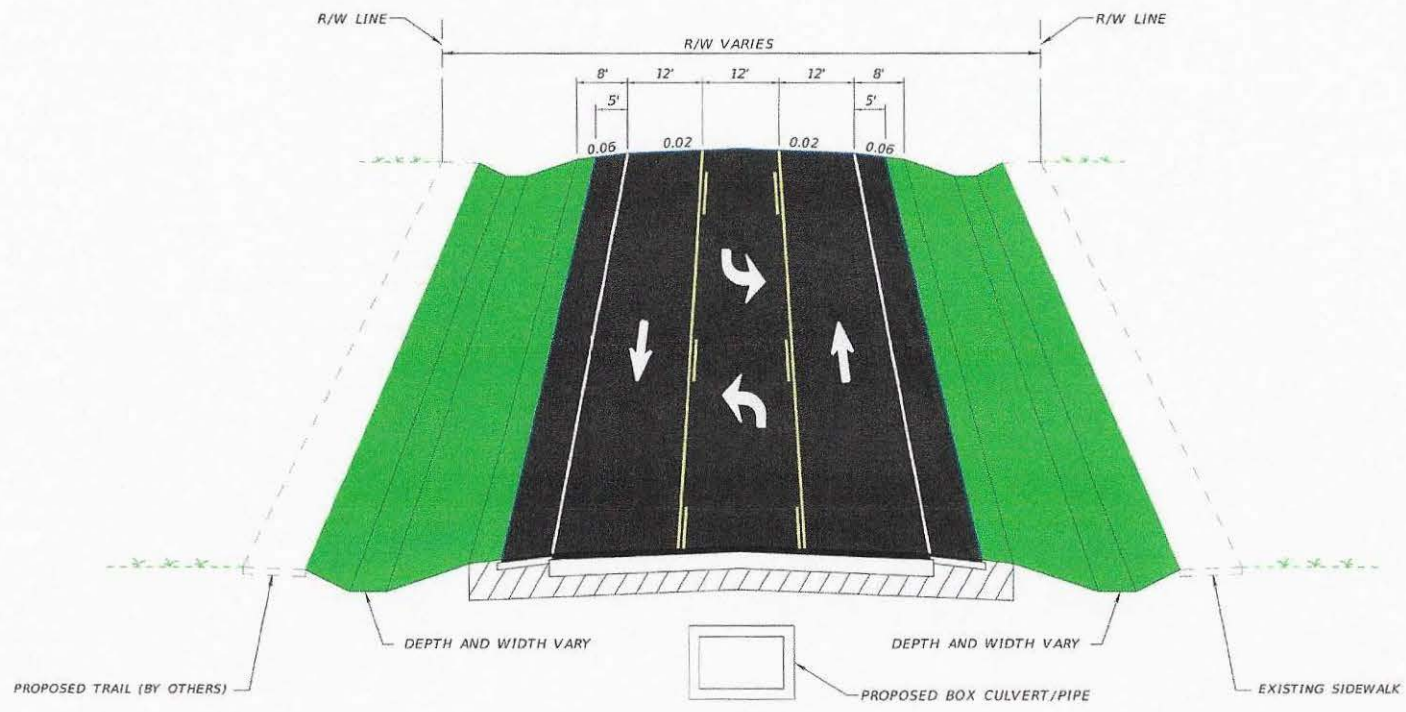
Professional Services for Engineering Design of St. Johns Avenue
 Drainage Improvements from CR 339C to SR 19, PK 20.05
 Putnam County



| REVISIONS | | DESCRIPTION | | DATE | |
|------------------------|--|-------------|--|------|--|
| DATE | | DESCRIPTION | | DATE | |
| ST. JOHNS AVE. | | | | | |
| PUTNAM COUNTY, FLORIDA | | | | | |
| SHEET NO. | | | | | |



Professional Services for Engineering Design of St. Johns Avenue
 Drainage Improvements from CR 309E to SR 19, RFG 20-05
 Putnam County



TYPICAL SECTION
ST. JOHNS AVE.

| REVISIONS | | PUTNAM COUNTY, FLORIDA | | SHEET NO. |
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| DATE | DESCRIPTION | DATE | DESCRIPTION | |
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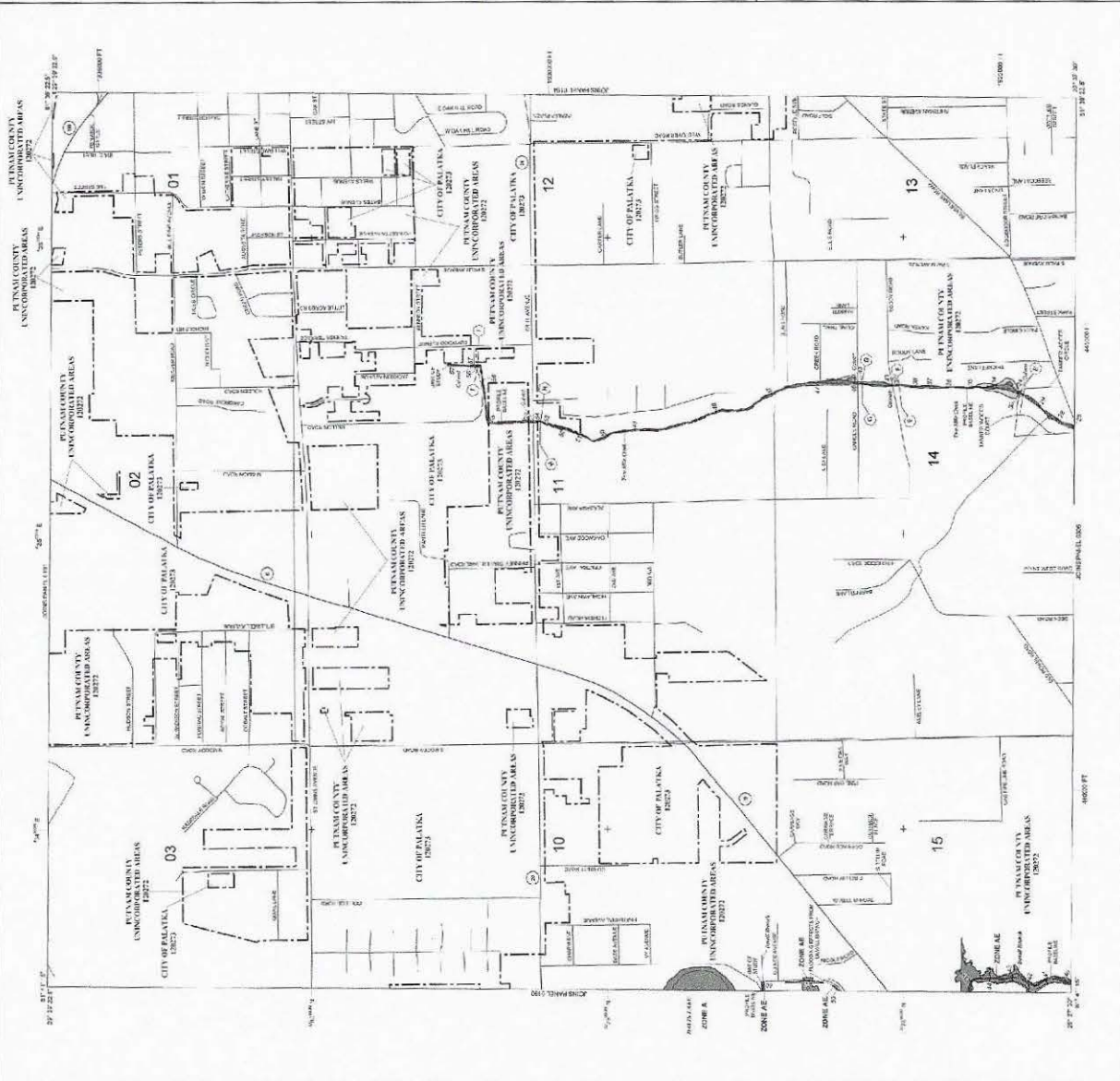


Professional Services for Engineering Design of St. Johns Avenue
Drainage Improvements from CR 309C to SR 19, R/Q 20-05
Putnam County

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5200 N. 7th Ave.
Tomball, TX 77480-1000
Phone 281/358-1200
Fax 281/358-1201

the 1990s, the average life expectancy at birth in the United States was 75 years for men and 80 years for women. By 2010, the average life expectancy at birth is projected to be 78 years for men and 83 years for women. The increase in life expectancy is due to a number of factors, including improvements in medical care, better nutrition, and a more active lifestyle. The increase in life expectancy is also due to a decrease in the death rate from heart disease, cancer, and other major causes of death. The increase in life expectancy is a result of a combination of factors, including improvements in medical care, better nutrition, and a more active lifestyle.



FIRM

FLOOD INSURANCE RATE MAP

PANFL 1995C

**PUTNAM COUNTY,
FLORIDA**

AND INCORPORATED AREAS

PANFL 1910E \$30

SEE MAP 1910E FOR PANFL 1910E

| DATE | AMOUNT | DATE | AMOUNT |
|----------|--------|----------|--------|
| 12/15/95 | 100.00 | 12/15/95 | 100.00 |
| 12/15/95 | 100.00 | 12/15/95 | 100.00 |

MAP NUMBER
121070955C

EFFECTIVE DATE
FEBRUARY 2, 1996

WORKSHEET

DATE: 12/15/95

TIME: 10:00 AM

BY: J. J. JONES

APPROVED

DATE: 12/15/95

TIME: 10:00 AM

BY: J. J. JONES

REMARKS

SEE MAP 1910E FOR PANFL 1910E

NOTE: 1. See "Map Number" above. This map is for the purpose of determining the flood insurance rate for the area shown on the map. It is not to be used for any other purpose.

NOTE: 2. See "Map Number" above. This map is for the purpose of determining the flood insurance rate for the area shown on the map. It is not to be used for any other purpose.

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DATE: 12/15/95

TIME: 10:00 AM

BY: J. J. JONES

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TIME: 10:00 AM

BY: J. J. JONES

DATE: 12/15/95

TIME: 10:00 AM

BY: J. J. JONES

National Flood Hazard Layer FIRMette



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

| | | |
|-----------------------------|--|---|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE) Zone A, V, A99 |
| | | With BFE or Depth Regulatory Floodway Zone AE, AO, AH, VE, AR |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X |
| | | Future Conditions 1% Annual Chance Flood Hazard Zone X |
| | | Area with Reduced Flood Risk due to Levee, See Notes, Zone X |
| | | Area with Flood Risk due to Levee, See Notes, Zone X |
| OTHER AREAS | | NO SCREEN Area of Minimal Flood Hazard Zone X |
| | | Effective LOMRs |
| GENERAL STRUCTURES | | Area of Undetermined Flood Hazard Zone |
| | | Channel, Culvert, or Storm Sewer |
| OTHER FEATURES | | Levee, Dike, or Floodwall |
| | | Cross Sections with 1% Annual Chance Water Surface Elevation |
| MAP PANELS | | 20.2 17.5 Coastal Transect Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| | | Coastal Transect Baseline |
| | | Profile Baseline |
| | | Hydrographic Feature |
| | | Digital Data Available |
| | | No Digital Data Available |
| | | Unmapped |
| | | |

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The base map shown complies with FEMA's base map accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/24/2018 at 5:29:45 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: base map imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

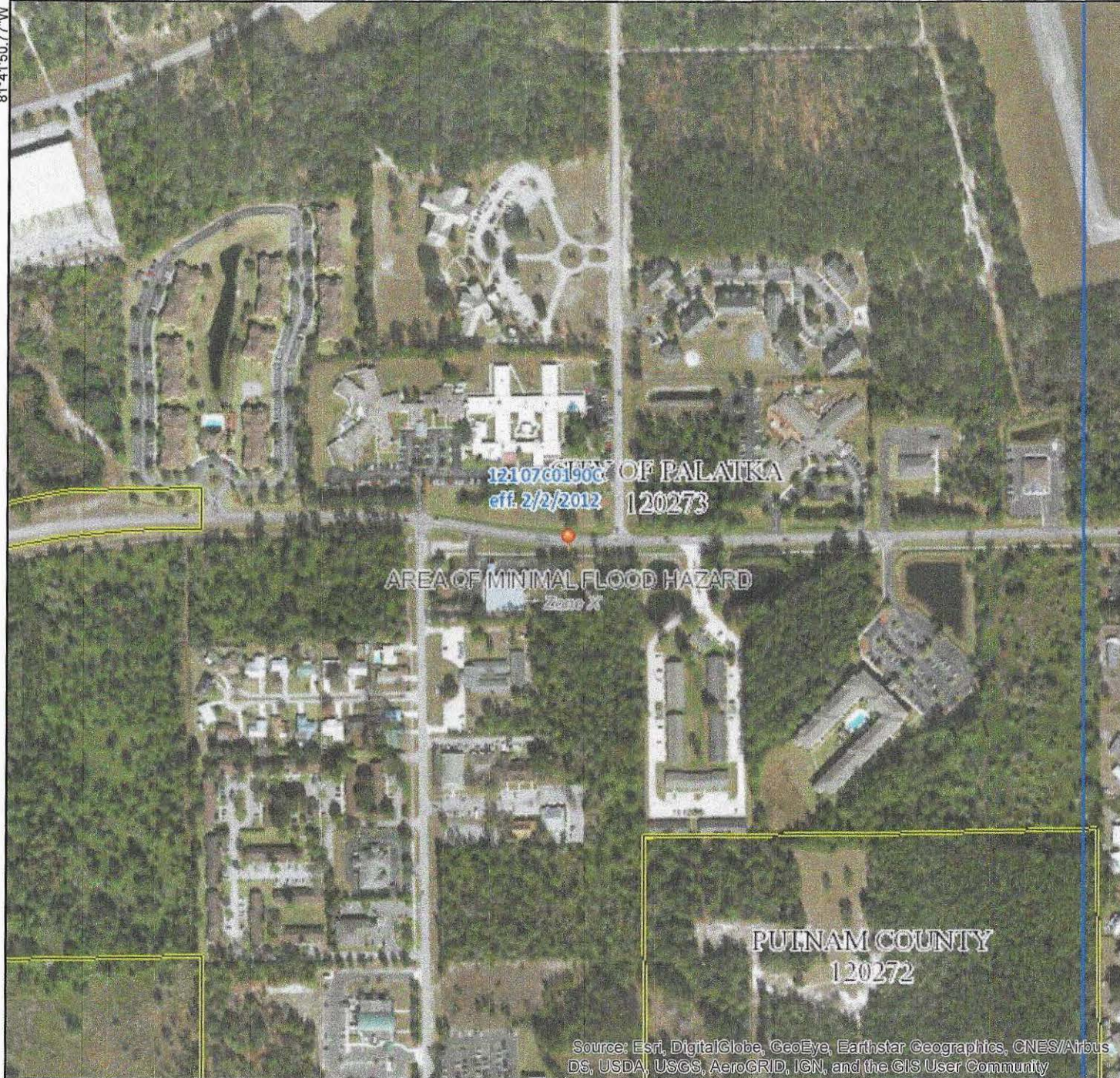


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

National Flood Hazard Layer FIRMette



29°39'8.94"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE)
Zone A, V, A99
- With BFE or Depth
- Regulatory Floodway Zone AE, AO, AH, VE, AR

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee. See Notes, Zone X
- Area with Flood Risk due to Levee Zone D

OTHER AREAS

- NO SCREEN Area of Minimal Flood Hazard Zone X
- Effective LOMRs
- Area of Undetermined Flood Hazard Zone

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
- 17.5 Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The base map shown complies with FEMA's base map accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/24/2018 at 5:24:19 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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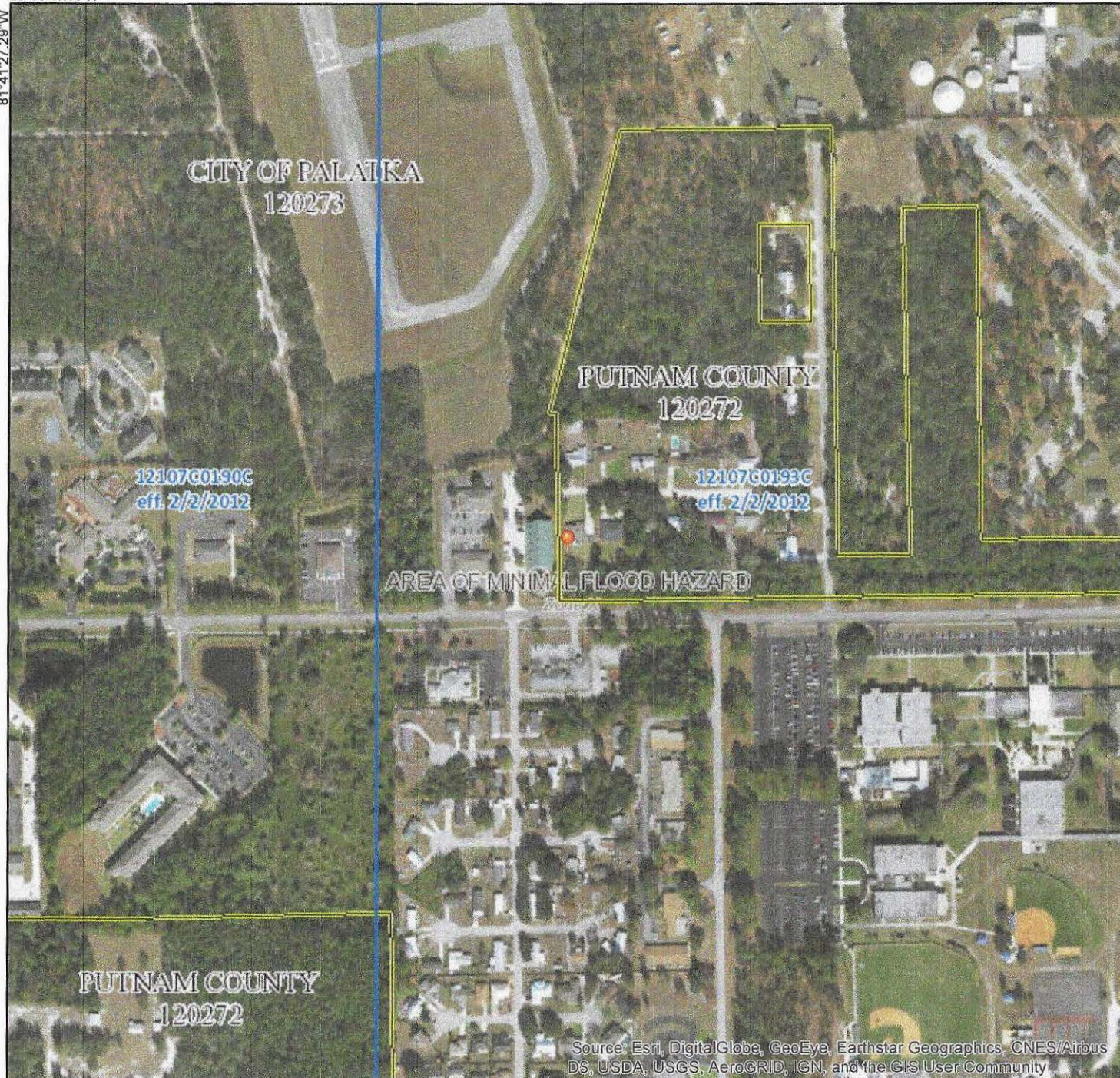
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81°41'13.32"W

National Flood Hazard Layer FIRMeTte



29°39'11.35"N



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

0 250 500 1,000 1,500 2,000 Feet 1:6,000 29°38'40.08"N

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

| | | |
|-----------------------------|--|---|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE) Zone A, V, A99 |
| | | With BFE or Depth Regulatory Floodway Zone AE, AO, AH, VE, AR |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X |
| | | Future Conditions 1% Annual Chance Flood Hazard Zone X |
| | | Area with Reduced Flood Risk due to Levee, See Notes, Zone X |
| | | Area with Flood Risk due to Levee, See Notes, Zone D |
| OTHER AREAS | | NO SCREEN Area of Minimal Flood Hazard Zone X |
| | | Effective LOMRs |
| GENERAL STRUCTURES | | Area of Undetermined Flood Hazard Zone |
| | | Channel, Culvert, or Storm Sewer |
| OTHER FEATURES | | Levee, Dike, or Floodwall |
| | | Cross Sections with 1% Annual Chance Water Surface Elevation |
| MAP PANELS | | Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| | | Coastal Transect Baseline |
| | | Profile Baseline |
| | | Hydrographic Feature |
| | | Digital Data Available |
| | | No Digital Data Available |
| | | Unmapped |

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The base map shown complies with FEMA's base map accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/24/2018 at 5:25:09 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

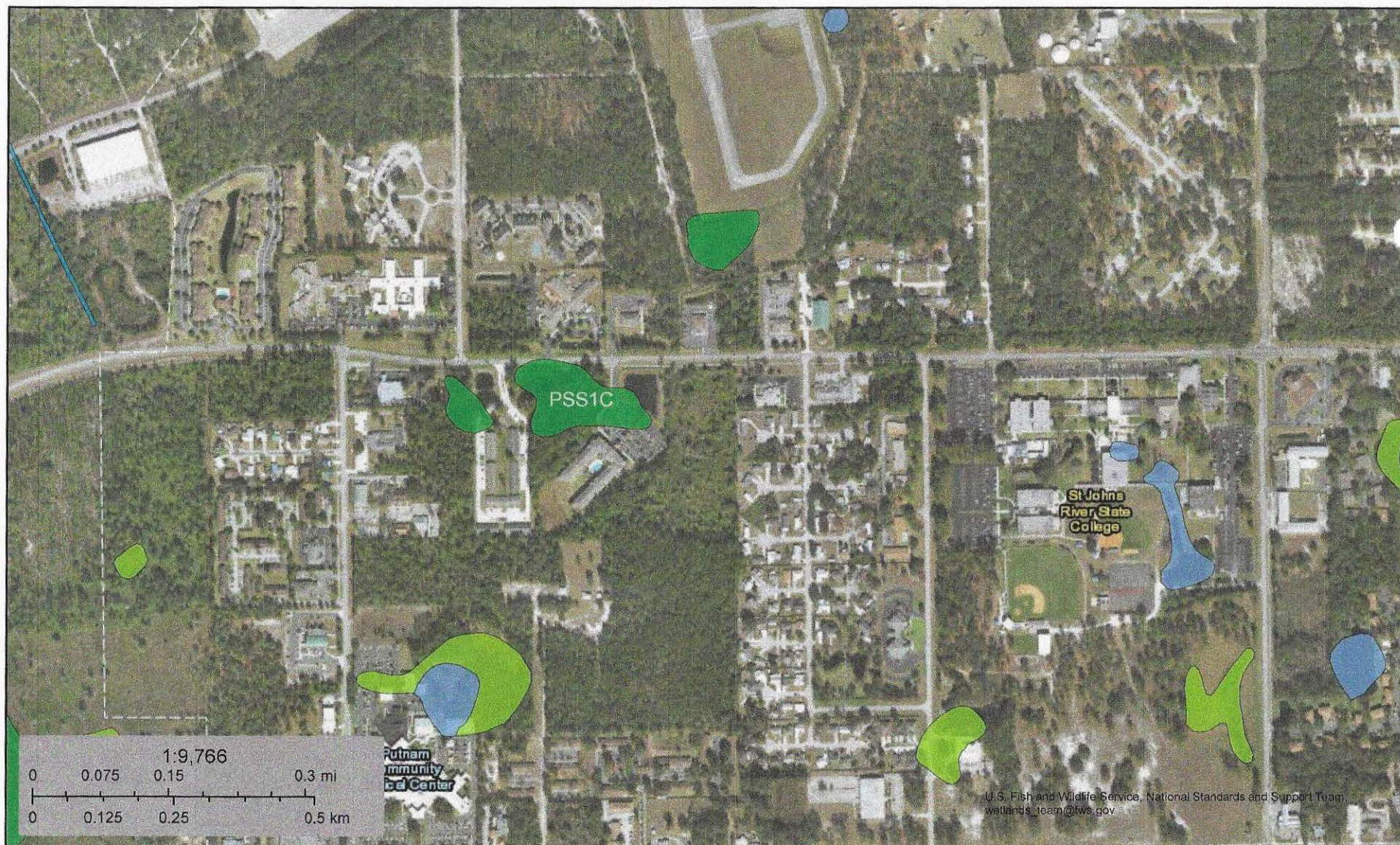
This map image is void if the one or more of the following map elements do not appear: base map imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.





U.S. Fish and Wildlife Service
National Wetlands Inventory

Putnam County St. Johns Drainage Project

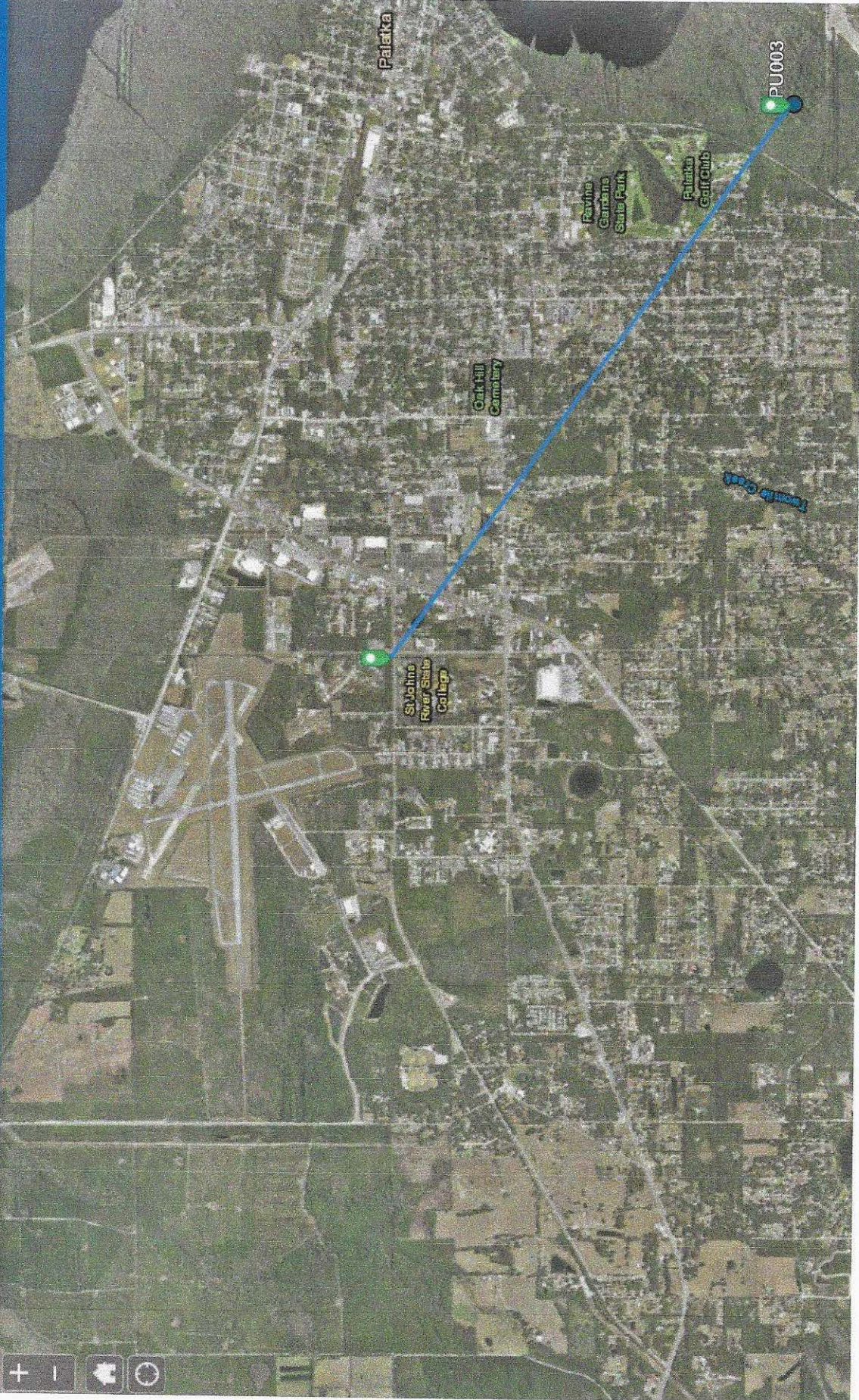


January 23, 2020

Wetlands

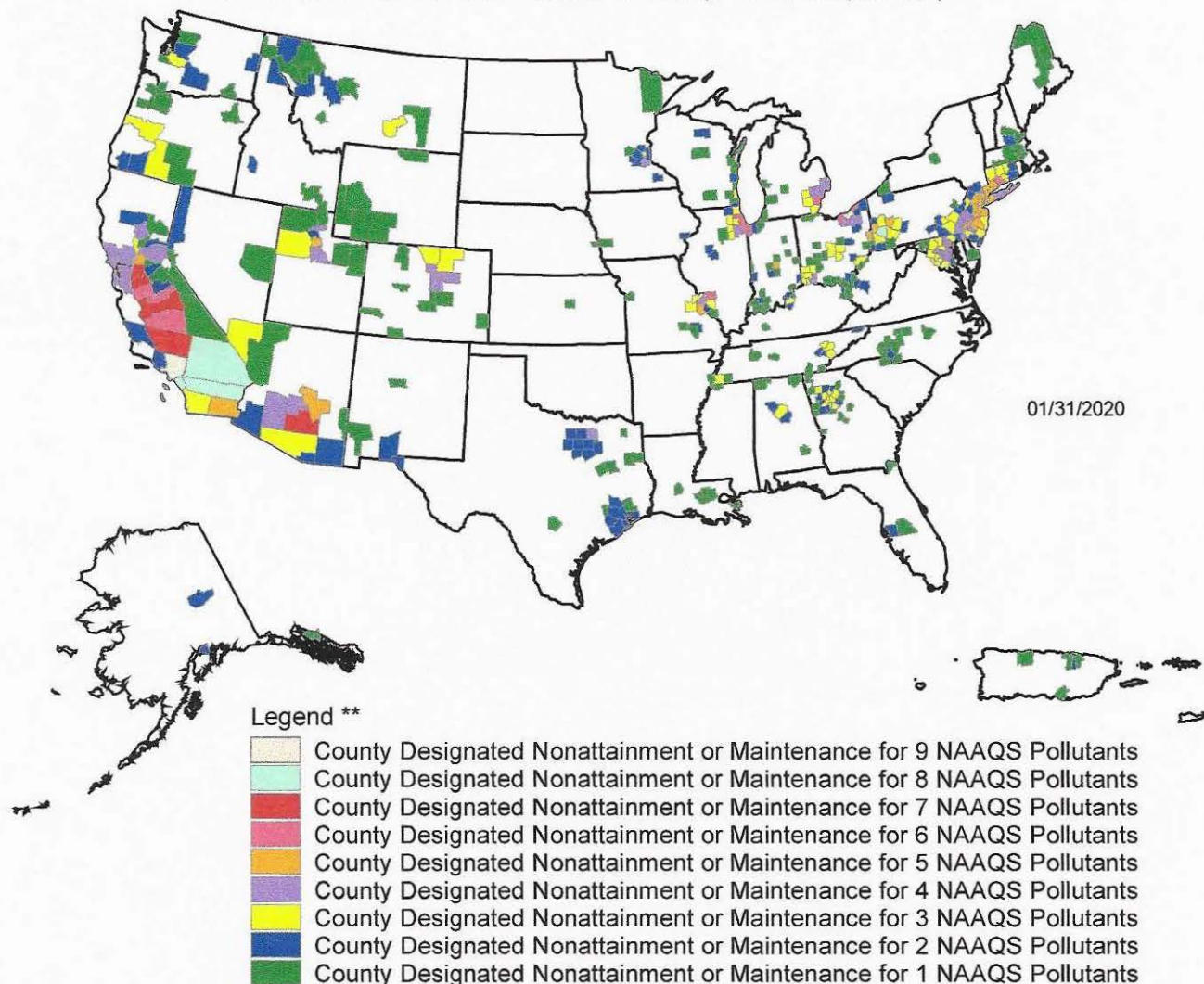
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|--------------------------------|-----------------------------------|----------|
| Estuarine and Marine Deepwater | Freshwater Emergent Wetland | Lake |
| Estuarine and Marine Wetland | Freshwater Forested/Shrub Wetland | Other |
| | Freshwater Pond | Riverine |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



Counties Designated "Nonattainment" or "Maintenance"

for Clean Air Act's National Ambient Air Quality Standards (NAAQS) *



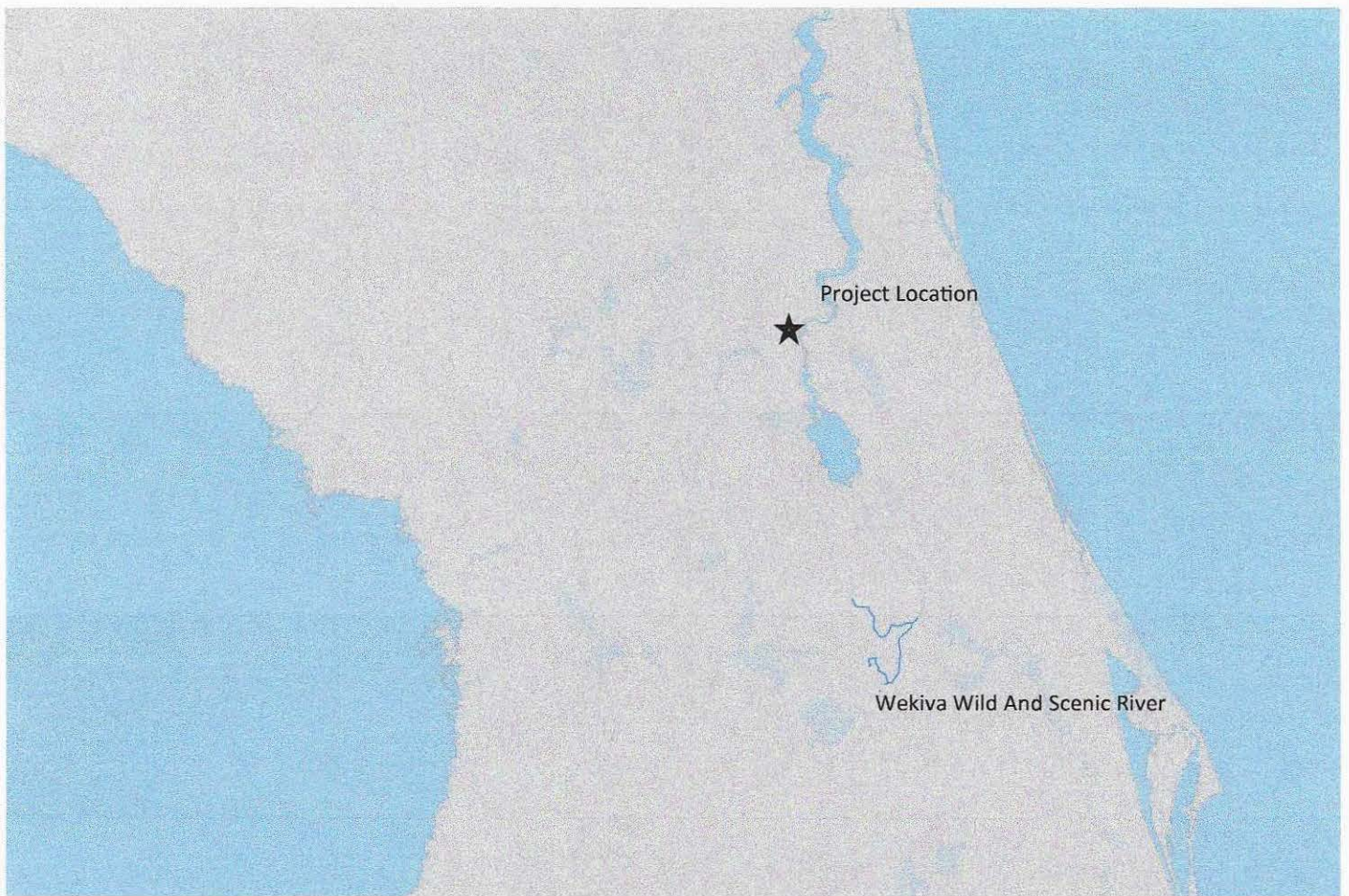
Guam - Piti and Tanguisson power stations are designated nonattainment for the SO₂ (1971) NAAQS

Piti and Cabras power stations are designated nonattainment for the SO₂ (2010) NAAQS

* The National Ambient Air Quality Standards (NAAQS) are health standards for Carbon Monoxide, Lead (1978 and 2008), Nitrogen Dioxide, 8-hour Ozone (2008), Particulate Matter (PM-10 and PM-2.5 (1997, 2006 and 2012), and Sulfur Dioxide.(1971 and 2010)

** Included in the counts are counties designated for NAAQS and revised NAAQS pollutants. Revoked 1-hour (1979) and 8-hour Ozone (1997) are excluded. Partial counties, those with part of the county designated nonattainment and part attainment, are shown as full counties on the map.

Putnam County
CDBG-DR St. Johns River Drainage Project
Wild and Scenic Rivers Map



Rivers

Florida

| River | County | Reach | Length (miles) | Description | Potential Classification | ORVs | Watershed (HUC Code 8) |
|--------------------|--|--|-------------------|---|-----------------------------|---|---------------------------|
| Alafia River | Hillsborough | Confluence with South and North Prongs of Alafia River to Gulf of Mexico | 25 | Good example of swiftly flowing unspoiled central Florida riverine system. | | Fish, Geologic, Recreational, Scenic, Wildlife | Alafia |
| Alapaha River | Hamilton | GA State Line to confluence with Suwannee River | 23 | Relatively unspoiled blackwater stream with minimal encroachment. | | Fish, Geologic, Recreational, Scenic, Wildlife | Upper Suwannee |
| Apalachicola River | Franklin, Gulf, Liberty, Calhoun, Gadsden, Jackson | Headwaters in Lake Seminole to Apalachicola Bay | 109 | Blackwater stream characterized by narrow canyons, deep ravines, and 200 foot bluffs. | | Fish, Geologic, Historic, Recreational, Scenic, Wildlife | Apalachicola |
| Arbuckle Creek | Highlands | Lake Arbuckle to Lake Istokpoga | 25 | Natural, undeveloped corridor area. | | Fish, Historic, Recreational, Scenic, Wildlife | Kissimmee |
| Aucilla River | Taylor, Jefferson, Madison | GA State Line to Gulf of Mexico | 62 | Unique "sinkhole" river with limestone banks, deep springs, and rapids. | | Fish, Geologic, Historic, Recreational, Scenic, Wildlife | Aucilla |

| | | | | | | |
|--------------------------------|----------------------|---|----|---|--|-----------------|
| Big Coldwater Creek | Santa Rosa | Confluence with E Fork Big Cold Water Creek to FL 191 bridge | 8 | Scenic stream with high potential for recreation. | Fish, Recreational, Wildlife | Blackwater |
| Big Coldwater Creek, East Fork | Santa Rosa | Coldwater Church to Big Coldwater Creek | 2 | Scenic stream with high potential for recreation. | Fish, Recreational, Wildlife | Blackwater |
| Big Swamp Creek | Okaloosa, Walton | Confluence with Caney Creek to Confluence with Shoal River | 5 | Unaltered stream that meanders through most scenic corridor of the Eglin Wildlife Management area. | Fish, Recreational, Scenic, Wildlife | Yellow |
| Black Creek | Clay | Confluence with South Fork Black Creek to confluence with St. Johns River | 13 | Meandering canoe trail complemented by presence of alligators and numerous wading birds. | Cultural, Fish, Historic, Recreational, Scenic, Wildlife | Lower St. John: |
| Black Creek, South Fork | Clay | FL 16 bridge to confluence with Black Creek | 11 | Meandering canoe trail complemented by presence of alligators and numerous wading birds. | Cultural, Fish, Historic, Recreational, Scenic, Wildlife | Lower St. John: |
| Blackwater River | Santa Rosa, Okaloosa | AL State line to above city of Milton | 49 | Habitat for endangered pine barren tree frog; flows through Blackwater River State Forest and is lined for much of reach with Atlantic white cedar. | Fish, Recreational, Scenic, Wildlife | Blackwater |
| Boiling Creek | Santa Rosa | Confluence with Holley Creek to confluence with Yellow River | 5 | Entire segment within Elgin Air Force Base reservation. | Fish, Recreational, Scenic, Wildlife | Yellow |

| | | | | | | |
|-------------------------|----------------------------------|--|----|--|--|-----------------------------|
| Caney Creek | Okaloosa, Walton | Headwaters south-east of Paxton to confluence with Big Swamp Creek | 9 | Unaltered stream that meanders through most scenic corridor of the Eglin Wildlife Management area. | Fish, Recreational, Scenic, Wildlife | Yellow |
| Chassahowitzka River | Citrus, Hernando | Chassahowitzka to mouth at Gulf of Mexico | 6 | Flows through Chassahowitzka National Wildlife Refuge; one of few remaining "near-virgin" areas in State. | Fish, Recreational, Scenic, Wildlife | Crystal- Pithlachascotee |
| Chipola River | Gulf, Calhoun, Jackson | Confluence with Cowarts Creek to confluence with Apalachicola River | 93 | Limestone stream with clear water, long gentle runs, pools, rocks and rapids with 9,400 feet of shoreline within Florida Caverns State Park. | Fish, Geologic, Recreational, Scenic, Wildlife | Apalachicola |
| Choctawhatchee River | Walton, Washington, Holmes | AL State line to mouth at Choctawhatchee Bay | 92 | Scenic recreational stream with excellent water quality and of ecological significance; Point Washington State Wildlife Management Area adjacent; Morrison Springs. | Fish, Geologic, Recreational, Scenic, Wildlife | Lower Choctawhatchee |
| Conecuh River | Escambia, Santa Rosa | AL State line to confluence with Escambia River | 1 | Relatively undisturbed stream. | Cultural, Fish, Historic, Recreational, Scenic | Lower Conecuh |

| | | | | | | |
|-----------------------|------------------------|--|----|--|--|----------------------------|
| Cowarts Creek | Gulf, Calhoun, Jackson | AL State line to confluence with Chipola River | 8 | Limestone stream with clear water, long gentle runs, pools, rocks and rapids with 9,400 feet of shoreline within Florida Caverns State Park. | Fish, Geologic, Recreational, Scenic, Wildlife | Chipola |
| Econfina Creek | Bay, Washington | One mile below US 231/FL 75 bridge to North Bay | 37 | Excellent float stream lined with Atlantic white cedar; designated State Canoe Trail. | Fish, Geologic, Recreational, Scenic, Wildlife | St. Andrew-St. Joseph Bays |
| Econfina River | Taylor | US 19/27 and FL 20 bridge to Gulf of Mexico | 28 | Beautiful spring fed stream. | Fish, Recreational, Scenic, Wildlife | Econfina-Steinhatchee |
| Econlockhatchee River | Seminole, Orange | Headwaters east of Lake Mary Jane to confluence with St. Johns River | 44 | Provides scenic wilderness type canoeing; designated State Canoe Trail. | Cultural, Fish, Historic, Recreational, Scenic, Wildlife | Upper St. John: |
| Escambia River | Escambia, Santa Rosa | Confluence with Conecuh River to two miles above US 90 bridge | 56 | Relatively undisturbed stream. | Cultural, Fish, Historic, Recreational, Scenic | Escambia |
| Estero River | Lee | US 41 and Koreshan State Park to Estero Bay | 4 | Established canoe and nature trail; flows through mangrove swamp; Koreshan State Historic Site. | Cultural, Fish, Historic, Recreational, Scenic, Wildlife | Big Cypress Swamp |
| Fisheating Creek | Glades, Highlands | Beginning of channelization to confluence with Lake Okeechobee | 55 | Remote, meandering canoe stream; botanically rich. | Fish, Recreational, Scenic, Wildlife | Western Okeechobee Inflow |

| | | | | | | |
|--------------------|---------------------|---|----|---|--|----------------------|
| Hendry Creek | Lee | FL 865 and G. Columbus Drive to Estero Bay | 5 | Diverse estuarine ecosystem. | Fish, Recreational, Scenic, Wildlife | Big Cypress Swamp |
| Hillsborough River | Hillsborough, Pasco | Headwaters west of Polk County line to FL 582A bridge | 37 | Highly scenic, crystal clear flat water stream. | Fish, Geologic, Recreational, Scenic, Wildlife | Withlacoochee |
| Holley Creek | Santa Rosa | Okaloosa County line to confluence with Boiling Creek | 4 | Entire segment within Elgin Air Force Base reservation. | Fish, Recreational, Scenic, Wildlife | Yellow |
| Holmes Creek | Washington | Town of Vernon to confluence with Choctawhatchee River | 26 | Designated State Canoe Trail; extremely clear water. | Fish, Geologic, Recreational, Scenic, Wildlife | Lower Choctawhatchee |
| Myakka River | Sarasota, Manatee | Headwaters near Hardee County line to north of southern boundary of Myakka State Park | 41 | Flows through largest state park; beautiful wilderness preserve. | Fish, Geologic, Recreational, Scenic, Wildlife | Myakka |
| New River | Franklin, Liberty | Forest proclamation boundary (Sec. 24, T.2 S., R.7 W.) to boundary between Sec. 12 and 13, T.3 S., R.7 W. | 3 | Meandering Wild tortuously through a virtual tunnel of vegetation which overhangs and cloaks river banks. Unexpected twists and turns of river channel create a chaotic experience for canoeists. | Recreational, Scenic, Other | New |

| | | | | | |
|-----------|----------------------|---|----|--|---------------------------------------|
| New River | Franklin, Liberty | Boundary between Sec. 12 and 13, T.3 S., R.7 W., to bridge on Forest Highway 13 at northern boundary of Mud Swamp- New River Wilderness | 6 | MeanderMeanders Scenic | Recreational, New Scenic, Other |
| | | | | tortuously through a virtual tunnel of vegetation which overhangs and cloaks river banks. Unexpected twists and turns of river channel create a chaotic experience for canoeists. | |
| New River | Franklin, Liberty | Bridge on Forest Highway 13 to point where New River flows out of Mud Swamp- New River Wilderness north of Owens Bridge on Forest Road 120-B | 11 | MeanderMeanders Wild | Recreational, New Scenic, Other |
| | | | | tortuously through a virtual tunnel of vegetation which overhangs and cloaks river banks. Unexpected twists and turns of river channel create a chaotic experience for canoeists. | |
| New River | Franklin, Liberty | Mud Swamp- New River Wilderness boundary to river mile 4 in Sec. 13, T.7 S., R.5 W., north of Carrabelle | 26 | MeanderMeanders Scenic | Recreational, New Scenic, Other |
| | | | | tortuously through a virtual tunnel of vegetation which overhangs and cloaks river banks. Unexpected twists and turns of river channel create a chaotic experience for canoeists. | |

| | | | | | | |
|-------------------|----------------------------------|---|----|---|--|-------------------|
| Ochlockonee River | Gadsden | GA State line to or. mile above Lake Talquin Reservoir | 35 | Official State Canoe Trail; flows for 25 miles through Apalachicola National Forest and borders Ochlockonee State Park for over 4,000 feet and St. Marks Wildlife for approximately 20 miles. | Fish, Recreational, Scenic, Wildlife | Lower Ochlockonee |
| Ochlockonee River | Franklin, Wakulla, Liberty, Leon | Two miles below Lake Talquin Reservoir to Ochlockonee Bay | 65 | Alternating banks of high pine-shrouded bluffs and dense cypress and hardwoods. Fishing, camping, and canoeing. Abundant wildlife and fish. | Cultural, Fish, Geologic, Historic, Recreational, Scenic, Wildlife | Lower Ochlockonee |
| Ocklawaha River | Marion | Confluence with Silver River to above Rodman Dam | 27 | Meandering blackwater stream with lush subtropical vegetation providing habitat for several threatened or endangered species. | Fish, Recreational, Scenic, Wildlife | Oklawaha |
| Ocklawaha River | Putnam, Marion | Below Rodman Dam to confluence with St. Johns River | 11 | Meandering blackwater stream with lush subtropical vegetation providing habitat for several threatened or endangered species. | Fish, Recreational, Scenic, Wildlife | Oklawaha |

| | | | | | | |
|----------------|--|--|----|--|--|----------------|
| Orange River | Lee | Headwaters near Harns Marsh to confluence with Caloosahatchee River | 9 | State Endangered Manatee Marine Mammal Sanctuary. | Fish, Recreational, Scenic, Wildlife | Caloosahatchee |
| Peace River | Charlotte, DeSoto, Hardee, Polk | US 98/FL 700 bridge near FT. Meade to Charlotte Harbor | 94 | Meandering blackwater stream lined with limestone banks and forested swamplands. | Cultural, Fish, Geologic, Historic, Recreational, Scenic, Wildlife | Peace |
| Santa Fe River | Gilchrist, Suwanee, Alachua, Columbia, Union, Bradford | Little Santa Fe Lake and headwaters to confluence with Suwanee River | 80 | Unique resource with diverse vegetation in a relatively natural state that provides habitat for abundant wildlife populations; many beautiful second magnitude springs below Oleno State Park. | Cultural, Fish, Geologic, Historic, Recreational, Scenic, Wildlife | Lower Suwannee |
| Shell Creek | Charlotte | East of FL 31 bridge to US 17/FL 35 bridge | 18 | Scenic stream with excellent water quality. | Cultural, Historic, Recreational, Scenic | Peace |
| Shoal River | Okaloosa, Walton | Confluence with Big Swamp Creek to confluence with Yellow River | 44 | Unaltered stream that meanders through most scenic corridor of the Eglin Wildlife Management area. | Fish, Recreational, Scenic, Wildlife | Yellow |

| | | | | | | | |
|-----------------|---------|--|----|--|--------------|--------------------------------------|-------------------|
| Silver River | Marion | Headwaters to confluence with Ocklawaha River | 6 | Meandering blackwater stream with lush subtropical vegetation providing habitat for several threatened or endangered species. | | Fish, Recreational, Scenic, Wildlife | Ocklawaha |
| Sopchoppy River | Wakulla | Headwaters to Forest Service property boundary located near center of Sec. 13, T.4 S., R.3 W. | 14 | Green-canopied tunnels formed by dense overhanging vegetation, high sand bluffs and limestone outcrops. Floatable during high water. | Wild | Recreational, Scenic, Other | Lower Ochlockonee |
| Sopchoppy River | Wakulla | Property boundary near center of Sec. 13, T.4 S., R.3 W. to St. Marks National Wildlife Refuge Boundary, located at division of Sec. 25, T.5 S., R.3 W., and Sec. 30, T.5 S., R.2 W. | 17 | Green-canopied tunnels formed by dense overhanging vegetation, high sand bluffs and limestone outcrops. Variety of water-oriented recreational activities. | Recreational | Recreational, Scenic, Other | Lower Ochlockonee |
| Sopchoppy River | Wakulla | St. Marks National Wildlife Refuge Boundary to confluence with Ochlockonee Bay in Sec. 4, T.6 S., R.2 W. | 8 | "Islands" of cypress and swamp tupelo festooned in draperies of spanish moss transition to open marsh "sea of grass". Fishing and boating. | Scenic | Recreational, Scenic, Other | Lower Ochlockonee |

| | | | | | | | |
|------------------------------|---|--|----|--|------|--|-------------------|
| Sopchoppy River, East Branch | Wakulla | Headwaters on East Branch (Sec. 24, T.2 S., R.4 W.) to confluence with Sopchoppy River | 6 | Green-canopied tunnels formed by dense overhanging vegetation, high sand bluffs and limestone outcrops. Floatable during high water. | Wild | Recreational, Scenic, Other | Lower Ochlockonee |
| Sopchoppy River, West Branch | Wakulla | Headwaters on West Branch (Sec. 28, T.2 S., R.4 W.) to confluence with Sopchoppy River | 8 | Green-canopied tunnels formed by dense overhanging vegetation, high sand bluffs and limestone outcrops. Floatable during high water. | Wild | Recreational, Scenic, Other | Lower Ochlockonee |
| St. Johns River | Putnam, Volusia, Lake, Seminole, Orange, Osceola, Brevard | FL 520 bridge and Lake Poinsett to above Lake Harney | 44 | One of most well known and heavily utilized bass fisheries in Nation with excellent recreational opportunities; abundance and variety of wildlife and is one of last known nesting areas for dusky seaside sparrow; recorded aboriginal sites; borders Merritt Island Wildlife Refuge. | | Cultural, Fish, Historic, Recreational, Scenic, Wildlife | Upper St. John: |

| | | | | | | |
|----------------------------------|--------------------------|---|----|---|--|--------------------------|
| St. Lucie, North Fork | Martin, St. Lucie | Confluence with Fish Creek and Tenmile Creeks to confluence with St. Lucie River at Stuart | 20 | Designated aquatic preserve. | Fish, Recreational, Scenic, Wildlife | Florida Southeast Coast |
| St. Lucie, South Fork | Martin | Headwaters northeast of FL 708 and Florida Turnpike intersection to FL 76 bridge | 7 | Untouched scenic stream with subtropical flora and fauna. | Fish, Recreational, Scenic, Wildlife | Florida Southeast Coast |
| St. Marks River | Wakulla, Leon, Jefferson | Headwaters at US 90/FL 10 bridge to Apalachee Bay | 39 | Flows through St. Marks National Wildlife Refuge. | Cultural, Fish, Geologic, Historic, Recreational, Scenic, Wildlife | Apalachee Bay, St. Marks |
| St. Sebastian River | Indian River, Brevard | Confluence with south Prong St. Sebastian river to confluence with Indian River | 3 | Unaltered stream with unique habitat. | Fish, Recreational, Scenic, Wildlife | Vero Beach |
| St. Sebastian River, South Prong | Indian River, Brevard | Headwaters just north of Wabasso Road Bridge south of FL 512 to confluence with St. Sebastian River | 10 | Unaltered stream with unique habitat. | Fish, Recreational, Scenic, Wildlife | Vero Beach |
| Tomoka River | Volusia | I-4 bridge to two miles south of US 1/FL 5 bridge | 11 | Gentle flowing stream that penetrates extensive salt marsh with a variety of tropical, subtropical and savannah environments. | Cultural, Fish, Historic, Recreational, Scenic, Wildlife | Daytona-St. Augustine |

| | | | | | | |
|---------------------|-------------------|--|----|--|--|--------------------------|
| Waccasassa River | Levy | Headwaters be FL 339 bridge to Waccasassa Bay | 26 | Popular stream with almost impenetrable banks. | Fish, Recreational, Scenic, Wildlife | Waccasassa |
| Wacissa River | Jefferson | Headwaters northeast of Wacissa to confluence with Aucilla River | 13 | Spring fed streams flowing over limerock formations; forested banks; noted archaeological and palentological resource; designated State Canoe Trail. | Cultural, Fish, Geologic, Historic, Recreational, Scenic, Wildlife | Aucilla |
| Wakulla River | Wakulla | FL 61 bridge and Wakulla Springs to Port Leon | 10 | Crystal clear spring fed stream; major recreational and ecological resource; designated State Canoe Trail. | Cultural, Fish, Geologic, Historic, Recreational, Scenic, Wildlife | Apalachee Bay. St. Marks |
| Withlacoochee River | Madison, Hamilton | GA State line to confluence with Suwannee River | 28 | Crystal clear spring fed stream in primitive wilderness setting. | Fish, Geologic, Recreational, Scenic, Wildlife | Withlacoochee |

| | | | | | | |
|---------------------|---|---|-----|--|--|---------------|
| Withlacoochee River | Citrus, Marion, Sumter, Hernando, Pasco, Polk | Headwaters sc of Lake County line to US 41 bridge above Lake Rousseau | 118 | Highly scenic, relatively clear stream with significant geologic exposures; meanders through dense cypress swamps, sandhills and hardwood forests underlaced with cabbage palms; abundance of wildlife; designated State Canoe Trail; penetrates Withlacoochee State Forest. | Fish, Geologic, Recreational, Scenic, Wildlife | Withlacoochee |
| Withlacoochee River | Citrus, Levy | Below Lake Rousseau to Gulf of Mexico | 12 | Highly scenic, relatively clear stream with significant geologic exposures; meanders through dense cypress swamps, sandhills and hardwood forests underlaced with cabbage palms; abundance of wildlife; designated State Canoe Trail; penetrates Withlacoochee State Forest. | Cultural, Fish, Geologic, Historic, Recreational, Scenic, Wildlife | Withlacoochee |


| | | | |
|--------------|---------------------------------|-------------------|---------------|
| Yellow River | Santa Rosa, AL State line to 68 | Designated State | Fish, Yellow |
| Okaloosa | Ed. Jay | Canoe Trail that | Recreational, |
| | | penetrates | Scenic, |
| | | hardwood forests | Wildlife |
| | | and cypress | |
| | | swamps of Elgin | |
| | | State Wildlife | |
| | | Management | |
| | | Area and Yellow | |
| | | River Marsh State | |
| | | Aquatic Preserve. | |

Last updated: November 30, 2016

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- Buffalo National River
- Chattahoochee River National Recreation Area
- Delaware Water Gap National Recreation Area

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APPENDIX B
AGENCY CORRESPONDENCE

Joseph Scott Modesitt

From: laura parsons <laura.parsons@putnam-fl.com>
Sent: Friday, February 14, 2020 8:23 AM
To: Joseph Scott Modesitt
Subject: FW: Putnam County CDBG Disaster Recovery Project - St. John's Avenue Drainage Improvements #HM007

From: Microsoft Outlook
Sent: Friday, February 14, 2020 8:22 AM
To: laura parsons
Subject: Relayed: Putnam County CDBG Disaster Recovery Project - St. John's Avenue Drainage Improvements #HM007

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

CompliancePermits@dos.myflorida.com (CompliancePermits@dos.myflorida.com)

Subject: Putnam County CDBG Disaster Recovery Project - St. John's Avenue Drainage Improvements #HM007

--

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Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Thursday, February 13, 2020 5:03 PM
To: laura parsons
Cc: matt reynolds
Subject: Putnam County CDBG Disaster Recovery Project - St. John's Avenue Drainage Improvements #HM007
Attachments: St. Johns Avenue Drainage Improvements Overall Project Area Map.pdf; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf
Importance: High

Hello Laura,

I submitted project information to the State Historic Preservation Office (SHPO) as part of the subject project's Environmental Review process. I have subsequently been notified by DEO that correspondence to SHPO regarding project activities now needs to come from the responsible entity (the County) similar to the tribal consultation letters that you did a few month ago. For this reason I need the email below along with the email attachments sent by the County to Mr. Aldridge at CompliancePermits@dos.myflorida.com. Please send the email with a read receipt and/or delivery receipt so that we can know when it was submitted to them. Please send me the receipts as they are received.

Jason Aldridge, Compliance and Review Supervisor
Compliance and Review Section
R. A. Gray Building
500 S. Bronough Street, Room 423
Tallahassee, FL 32399-0250
850.245.6333

Dear Mr. Aldridge:

For your agency's compliance review we are submitting documentation related to the above referenced grant funded project. This submittal is part of a HUD-Funded Environmental Assessment on the subject project. The proposed project involves adding a more efficient piped conveyance system in the City of Palatka, Florida, from the primary outfall to SR 19 and reshaping an open channel conveyance system west of the primary outfall along St. Johns Avenue. The project also includes the addition of more storm water pond storage and an improved outfall structure.

The project is along St. Johns Avenue and includes portions of St. Johns Avenue from CR 309C east to SR 19. The study area extends south to Crill Avenue and north to the Kay Larkin Airport. It is anticipated the construction stage will also occur in six (6) segments: 1. Construction of Segment I Off-Site Storm Ponds; 2. Construction of Segment II (from the Outfall to Kay Larkin Drive); 3. Construction of Segment III (from Kay Larkin Drive to College Drive); 4. Construction of Segment IV (from College Drive to Moody Road); 5. Construction of Segment V (from Moody Road to SR 19); and 6. Construction of Segment VI (from CR 309C to the Outfall). A map of the project area and locations are attached.

The proposed improvements consist of installing a new, continuous conveyance from the eastern extents of the study area west to a new stormwater management facility (pond) located near the central outfall swale. A conceptual drainage model of a closed conduit collection system has been developed. In this scenario, a large 4' x 8' box culvert has been added to replace the existing sporadic ditch collection system. The eastern extents of the piped system is proposed to be a 43" X 68" elliptical RCP. The proposed project calls for the utilization of the existing large ditches north of St. Johns Avenue from Viking Street to Stillwell Avenue for additional storage. The project will connect these large ditches to the main proposed storm trunk line by series of pipes and install a large storm trunk line at center of St. Johns Avenue. The center location within St. Johns Avenue is the optimal location due to conflicts with existing

| Contact Name | Title | Mailing Address | Work Phone | Fax Number | Cell Phone | Email Address | URL |
|----------------|---------------------------------|--|----------------|----------------|------------|--|--|
| Linda Langley | THPO | PO Box 10 Elton, LA 70532 | (337) 584-1560 | (337) 584-1616 | | llangley@coushattatribela.org | http://www.coushatta.org |
| David Sickey | Chairman | PO Box 818 Elton, LA 70532 | (337) 584-1401 | (337) 584-1507 | | dsickey@coushatta.org | http://www.coushatta.org |
| Fred Dayhoff | Historical Preservation Officer | HC61SR68 Old Loop Road Ochopee, FL 34141 | (239) 695-4360 | | | | |
| Billie Colley | Chairperson | PO Box 440021 Miami, FL 33144 | (305) 223-8380 | (305) 223-1011 | | HopedL@miccosukeetribe.com | |
| James Floyd | Principal Chief | PO Box 580 Okmulgee, OK 74447 | (918) 756-8700 | (918) 758-1434 | | jfloyd@mcn-nsn.gov | www.muscogeenation-nsn.gov |
| RaeLynn Butler | THPO | PO Box 580 Okmulgee, OK 74447 | (918) 732-7678 | (918) 758-0649 | | section106@mcn-nsn.gov | www.muscoge |

Joseph Scott Modesitt

From: laura parsons <laura.parsons@putnam-fl.com>
Sent: Wednesday, June 05, 2019 1:33 PM
To: llangley@coushattatribela.org
Subject: Putnam County, Florida, CDBG Project for Consultation
Attachments: Langley.pdf; Map.pdf

Importance: High

Putnam County will conduct a review of the attached project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review. Please see the attached correspondence.

To meet project timeframes, if you would like to be a consulting party on this project, please let us know of your interest within 30 days. If you have any initial concerns with impacts of the project on religious or cultural properties, please note them in your response. Please send your response to Terry Suggs, County Administrator, at terry.suggs@putnam-fl.com.

However, if you do not wish to consult on this project, please inform me at terry.suggs@putnam-fl.com.

Laura Parsons
Executive Assistant to the County Administrator
Putnam County Board of County Commissioners
2509 Crill Avenue, Suite 200
Palatka, FL 32177
(386) 329-0207



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(386) 329-0205

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BUDDY GODDARD
District 5

May 31, 2019

Linda Langley
THPO, Coushatta Tribe of Louisiana
PO Box 10
Elton, LA 70532

Re: Putnam County, Florida – CDBG Infrastructure for St. Johns Avenue Drainage Project
CDBG HUD-Funded Program, FL DEO Contract #HM007

Dear THPO Langley:

The Florida Department of Economic Opportunity is considering funding the project listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, Putnam County, Florida, has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

Putnam County, Florida, will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize or mitigate potential adverse effects.

To meet project timeframes, if you would like to be a consulting party on this project, can you please let us know of your interest within 30 days? If you have any initial concerns with impacts of the project on religious or cultural properties, can you please note them in your response?

Enclosed are maps that show the general project area and, if applicable, an additional area of potential indirect effects. The project consists of an estimated \$3,569,507 Disaster Recovery Community Development Block Grant to provide for an improved stormwater conveyance and retention facility along St. Johns Avenue in the City of Palatka, Florida. St. Johns Avenue is a high trafficked, east-west minor arterial spine road serving the City of Palatka and Central Putnam County. Many portions of St. Johns Avenue, its side roads, and fronting properties experienced high flooding during Hurricane Irma in September 2017. The installation of improved storm water conveyance and other features will alleviate flooding in the area and increase safety of existing evacuation shelters, health facilities, educational facilities, businesses, and residences. The proposed improvements will provide a new storm water management facility (ponds) with a closed conduit collection system to replace the existing sporadic ditch collection system.

Specifically, construction on St. Johns Avenue will involve relocating an existing retention pond, constructing an estimated 1,900 linear foot of drainage outfall, building a new roadway cross culvert, and modifying and increasing the capacity of an existing retention pond. In addition, from Kay Larkin Drive to the drainage outfall, construction will involve relocating utilities, installing a large trunk line at the center of St Johns Ave, roadway modifications, and swale adjustments.

Please note that all activities will occur in existing County or City Right-of-Way on previously developed land.

More information on the Section 106 review process is available at <http://www.onecpd.info/environmental-review/historic-preservation/>.

HUD's process for tribal consultation under Section 106 is described in a Notice available at <https://www.onecpd.info/resource/2448/notice-cpd-12-006-tribal-consultation-under-24-cfr-part-58>.

If you do not wish to consult on this project, please inform us. If you do wish to consult, please include in your reply the name and contact information for the tribe's principal representative in the consultation. Thank you very much. We value your assistance and look forward to consulting further if there are historic properties of religious and cultural significance to your tribe that may be affected by this project.

Sincerely,

A handwritten signature in dark ink, appearing to read "R. W. Pickens, Jr.", followed by a horizontal line.

Robert W. Pickens, Jr., Chairman
Putnam County Board of Commissioners

Joseph Scott Modesitt

From: laura parsons <laura.parsons@putnam-fl.com>
Sent: Wednesday, June 05, 2019 1:35 PM
To: Joseph Scott Modesitt
Subject: FW: Putnam County, Florida, CDBG Project for Consultation

From: Microsoft Outlook
Sent: Wednesday, June 5, 2019 1:33 PM
To: laura parsons
Subject: Relayed: Putnam County, Florida, CDBG Project for Consultation

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

llangley@coushattatribela.org (llangley@coushattatribela.org)

Subject: Putnam County, Florida, CDBG Project for Consultation

--

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Joseph Scott Modesitt

From: laura parsons <laura.parsons@putnam-fl.com>
Sent: Wednesday, June 05, 2019 1:33 PM
To: dsickey@coushatta.org
Subject: Putnam County, Florida, CDBG Project for Consultation
Attachments: Sickey.pdf; Map.pdf

Putnam County will conduct a review of the attached project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review. Please see the attached correspondence.

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However, if you do not wish to consult on this project, please inform me at terry.suggs@putnam-fl.com.

Laura Parsons
Executive Assistant to the County Administrator
Putnam County Board of County Commissioners
2509 Crill Avenue, Suite 200
Palatka, FL 32177
(386) 329-0207



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May 31, 2019

The Honorable David Sickey
Chairman, Coushatta Tribe of Louisiana
PO Box 10
Elton, LA 70532

Re: Putnam County, Florida – CDBG Infrastructure for St. Johns Avenue Drainage Project
CDBG HUD-Funded Program, FL DEO Contract #HM007

Dear Chairman Sickey:

The Florida Department of Economic Opportunity is considering funding the project listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, Putnam County, Florida, has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

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More information on the Section 106 review process is available at
<http://www.onecpd.info/environmental-review/historic-preservation/>.

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<https://www.onecpd.info/resource/2448/notice-cpd-12-006-tribal-consultation-under-24-cfr-part-58>.

If you do not wish to consult on this project, please inform us. If you do wish to consult, please include in your reply the name and contact information for the tribe's principal representative in the consultation. Thank you very much. We value your assistance and look forward to consulting further if there are historic properties of religious and cultural significance to your tribe that may be affected by this project.

Sincerely,

A handwritten signature in dark ink, appearing to read "R. W. Pickens, Jr.", followed by a horizontal line.

Robert W. Pickens, Jr., Chairman
Putnam County Board of Commissioners

Joseph Scott Modesitt

From: laura parsons <laura.parsons@putnam-fl.com>
Sent: Wednesday, June 05, 2019 4:24 PM
To: Joseph Scott Modesitt
Subject: FW: Putnam County, Florida, CDBG Project for Consultation

From: Microsoft Outlook
Sent: Wednesday, June 5, 2019 4:24 PM
To: laura parsons
Subject: Relayed: Putnam County, Florida, CDBG Project for Consultation

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dsickey@coushatta.org (dsickey@coushatta.org)

Subject: Putnam County, Florida, CDBG Project for Consultation

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Joseph Scott Modesitt

From: laura parsons <laura.parsons@putnam-fl.com>
Sent: Wednesday, June 05, 2019 1:33 PM
To: HopeL@miccosukeetribes.com
Subject: Putnam County, Florida, CDBG Project for Consultation
Attachments: Colley.pdf; Map.pdf

Importance: High

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Laura Parsons
Executive Assistant to the County Administrator
Putnam County Board of County Commissioners
2509 Crill Avenue, Suite 200
Palatka, FL 32177
(386) 329-0207



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District 5

May 31, 2019

The Honorable Billie Colley

Chairperson, Miccosukee Tribe of Indians

PO Box 440021

Miami, FL 33144

Re: Putnam County, Florida – CDBG Infrastructure for St. Johns Avenue Drainage Project
CDBG HUD-Funded Program, FL DEO Contract #HM007

Dear Chairman Colley:

The Florida Department of Economic Opportunity is considering funding the project listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, Putnam County, Florida, has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

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Sincerely,

A handwritten signature in dark ink, appearing to read 'R. W. Pickens, Jr.', followed by a horizontal line.

Robert W. Pickens, Jr., Chairman
Putnam County Board of Commissioners

Joseph Scott Modesitt

From: laura parsons <laura.parsons@putnam-fl.com>
Sent: Wednesday, June 05, 2019 1:39 PM
To: Joseph Scott Modesitt
Subject: FW: Putnam County, Florida, CDBG Project for Consultation

From: Microsoft Outlook
Sent: Wednesday, June 5, 2019 1:33 PM
To: laura parsons
Subject: Relayed: Putnam County, Florida, CDBG Project for Consultation

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

Hopel@miccosukeetribe.com (Hopel@miccosukeetribe.com)

Subject: Putnam County, Florida, CDBG Project for Consultation

--

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Joseph Scott Modesitt

From: laura parsons <laura.parsons@putnam-fl.com>
Sent: Friday, June 07, 2019 8:15 AM
To: Joseph Scott Modesitt
Subject: FW: Putnam County, Florida, CDBG Project for Consultation

Importance: High

From: David Sickey [<mailto:dsickey@coushatta.org>]
Sent: Wednesday, June 5, 2019 5:04 PM
To: laura parsons <laura.parsons@putnam-fl.com>
Subject: Read: Putnam County, Florida, CDBG Project for Consultation
Importance: High

Your message

To:
Subject: Putnam County, Florida, CDBG Project for Consultation
Sent: Wednesday, June 5, 2019 5:17:10 PM (UTC-05:00) Eastern Time (US & Canada)

was read on Wednesday, June 5, 2019 5:03:52 PM (UTC-05:00) Eastern Time (US & Canada).

--
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Joseph Scott Modesitt

From: laura parsons <laura.parsons@putnam-fl.com>
Sent: Wednesday, June 05, 2019 1:33 PM
To: jfloyd@msn-nsn.gov
Subject: Putnam County, Florida, CDBG Project for Consultation
Attachments: Floyd.pdf; Map.pdf

Importance: High

Putnam County will conduct a review of the attached project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review. Please see the attached correspondence.

To meet project timeframes, if you would like to be a consulting party on this project, please let us know of your interest within 30 days. If you have any initial concerns with impacts of the project on religious or cultural properties, please note them in your response. Please send your response to Terry Suggs, County Administrator, at terry.suggs@putnam-fl.com.

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Laura Parsons
Executive Assistant to the County Administrator
Putnam County Board of County Commissioners
2509 Crill Avenue, Suite 200
Palatka, FL 32177
(386) 329-0207



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PUTNAM COUNTY

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PALATKA, FLORIDA 32177
(386) 329-0205

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LARRY HARVEY
District 4

BUDDY GODDARD
District 5

May 31, 2019

The Honorable James Floyd
Principal Chief, Muscogee (Creek) Nation
PO Box 580
Okmulgee, OK 74447

Re: Putnam County, Florida – CDBG Infrastructure for St. Johns Avenue Drainage Project
CDBG HUD-Funded Program, FL DEO Contract #HM007

Dear Chief Floyd:

The Florida Department of Economic Opportunity is considering funding the project listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, Putnam County, Florida, has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

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Sincerely,

A handwritten signature in dark ink, appearing to read "R. W. Pickens, Jr.", with a stylized flourish at the end.

Robert W. Pickens, Jr., Chairman
Putnam County Board of Commissioners

Joseph Scott Modesitt

From: laura parsons <laura.parsons@putnam-fl.com>
Sent: Wednesday, June 05, 2019 1:39 PM
To: Joseph Scott Modesitt
Subject: FW: Putnam County, Florida, CDBG Project for Consultation

From: Microsoft Outlook
Sent: Wednesday, June 5, 2019 1:34 PM
To: laura parsons
Subject: Relayed: Putnam County, Florida, CDBG Project for Consultation

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

jfloyd@msn-nsn.gov (jfloyd@msn-nsn.gov)

Subject: Putnam County, Florida, CDBG Project for Consultation

--

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However, if you do not wish to consult on this project, please inform me at terry.suggs@putnam-fl.com.

Laura Parsons
Executive Assistant to the County Administrator
Putnam County Board of County Commissioners
2509 Crill Avenue, Suite 200
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(386) 329-0207



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Joseph Scott Modesitt

From: James Floyd <JFloyd@mcn-nsn.gov>
To: laura parsons
Sent: Wednesday, June 05, 2019 2:05 PM
Subject: Read: Putnam County, Florida, CDBG Project for Consultation

Your message

To: James Floyd
Subject: Putnam County, Florida, CDBG Project for Consultation
Sent: Wednesday, June 5, 2019 12:34:56 PM (UTC-06:00) Central Time (US & Canada)

was read on Wednesday, June 5, 2019 1:05:06 PM (UTC-06:00) Central Time (US & Canada).

Joseph Scott Modesitt

From: laura parsons <laura.parsons@putnam-fl.com>
Sent: Thursday, June 27, 2019 9:46 AM
To: Joseph Scott Modesitt
Subject: FW: Putnam County, Florida, CDBG Project for Consultation

From: Section106 [mailto:Section106@mcn-nsn.gov]
Sent: Thursday, June 27, 2019 9:23 AM
To: laura parsons <laura.parsons@putnam-fl.com>
Subject: RE: Putnam County, Florida, CDBG Project for Consultation

Robert W. Pickens, Jr.
Chairman
Putnam County Board of Commissioners
2509 Crill Ave., Suite 200
Palatka, FL 32177

Chairman Pickens,

Thank you for the correspondence regarding the Proposed CDBG Infrastructure for St. Johns Ave Drainage Project. Putnam Co., FL. is within our historic area of interest. We concur with the findings and recommendations and that there should be **no adverse effects to any known historic/Cultural properties** and that work should proceed as planned. However, as the project is located in an area that is of general historic interest to the Tribe, we request that work be stopped and our office contacted immediately if any Native American cultural materials are encountered. This stipulation should be placed on the construction plans to insure contractors are aware of it. Please feel free to contact me with any further questions or concerns.

David J. Proctor
Historic and Cultural Preservation Department, Traditional Cultural Advisor
Muscogee (Creek) Nation
P.O. Box 580 / Okmulgee, OK 74447
T 918.732.7852
F 918.758.0649
djproctor@mcn-nsn.gov
<http://www.muscogeenation-nsn.gov/>

From: laura parsons [mailto:laura.parsons@putnam-fl.com]
Sent: Wednesday, June 05, 2019 12:34 PM
To: Section106
Subject: Putnam County, Florida, CDBG Project for Consultation
Importance: High

Putnam County will conduct a review of the attached project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review. Please see the attached correspondence.

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Sent: Wednesday, June 05, 2019 1:34 PM
To: section106@mcn-nsn.gov
Subject: Putnam County, Florida, CDBG Project for Consultation
Attachments: Butler.pdf; Map.pdf

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LARRY HARVEY
District 4

BUDDY GODDARD
District 5

May 31, 2019

RaeLynn Butler, THPO
Muscogee (Creek) Nation
PO Box 580
Okmulgee, OK 74447

Re: Putnam County, Florida – CDBG Infrastructure for St. Johns Avenue Drainage Project
CDBG HUD-Funded Program, FL DEO Contract #HM007

Dear THPO Butler:

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section106@mcn-nsn.gov (section106@mcn-nsn.gov)

Subject: Putnam County, Florida, CDBG Project for Consultation

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Joseph Scott Modesitt

From: Section106 <Section106@mcn-nsn.gov>
To: laura parsons
Sent: Wednesday, June 05, 2019 2:47 PM
Subject: Read: Putnam County, Florida, CDBG Project for Consultation

Your message

To: Section106
Subject: Putnam County, Florida, CDBG Project for Consultation
Sent: Wednesday, June 5, 2019 12:33:34 PM (UTC-06:00) Central Time (US & Canada)

was read on Wednesday, June 5, 2019 1:46:52 PM (UTC-06:00) Central Time (US & Canada).



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BUDDY GODDARD
District 5

May 31, 2019

Fred Dayhoff, Historical Preservation Officer
HC61SR68 Old Loop Road
Ochopee, FL 34141

Re: Putnam County, Florida – CDBG Infrastructure for St. Johns Avenue Drainage Project
CDBG HUD-Funded Program, FL DEO Contract #HM007

Dear Mr. Dayhoff:

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Sincerely,

Robert W. Pickens, Jr.
Chairman, Putnam County Board of Commissioners

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Fred DAYHOFF, Historical
Preservation Officer
HC WISE W8 Old Loop Rd
Ochopee, FL 34141



9590 9402 2958 7094 7899 96

2. Article Number (Transfer from service label)

7017 1450 0002 2595 0316

COMPLETE THIS SECTION ON DELIVERY

A. Signature

x Fred E. Dayhoff

☐ Agent

☒ Addressee

B. Received by (Printed Name)

FRED E. DAYHOFF

C. Date of Delivery

June 8

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

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Board of Commissioners
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Palatka, FL 32178-0758



FLORIDA DEPARTMENT of STATE

RON DESANTIS
Governor

LAUREL M. LEE
Secretary of State

Mr. J. Scott Modesitt, AICP
Project Development Director
Summit Professional Services, Inc.
PO Box 7300
Brandon, Florida 33508-6021

February 17, 2020

RE: DHR Project File No.: 2020-461
Department of Housing and Urban Development - Community Development Block Grant
Putnam County CDBG Disaster Recovery Project – St. John's Avenue Drainage
Putnam County

Mr. Modesitt:

The Florida State Historic Preservation Officer reviewed the referenced project for possible effects on historic properties listed, or eligible for listing, on the National Register of Historic Places. The review was conducted in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended, and its implementing regulations in 36 CFR Part 800: Protection of Historic Properties.

Based on the information provided, it is the opinion of this office that the proposed project is unlikely to affect historic properties. However, the project should include the following special condition regarding unexpected discoveries:

- *If prehistoric or historic artifacts, such as pottery or ceramics, projectile points, dugout canoes, metal implements, historic building materials, or any other physical remains that could be associated with Native American, early European, or American settlement are encountered at any time within the project site area, the permitted project shall cease all activities involving subsurface disturbance in the vicinity of the discovery. The applicant shall contact the Florida Department of State, Division of Historical Resources, Compliance Review Section at (850)-245-6333. Project activities shall not resume without verbal and/or written authorization. In the event that unmarked human remains are encountered during permitted activities, all work shall stop immediately and the proper authorities notified in accordance with Section 872.05, Florida Statutes.*

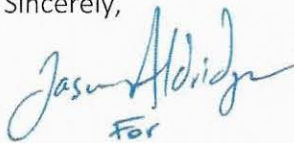
Division of Historical Resources
R.A. Gray Building • 500 South Bronough Street • Tallahassee, Florida 32399
850.245.6300 • 850.245.6436 (Fax) • FLHeritage.com



Mr. Modesitt
DHR No.: 2020-461
February 17, 2020
Page 2 of 2

If you have any questions, please contact Scott Edwards, Historic Preservationist, by electronic mail scott.edwards@dos.myflorida.com, or at 850.245.6333 or 800.847.7278.

Sincerely,

A handwritten signature in blue ink that reads "Jason Aldridge". Below the signature, the word "For" is written in a smaller, cursive script.

Timothy A. Parsons, Ph.D.
Director, Division of Historical Resources
and State Historic Preservation Officer

Joseph Scott Modesitt

From: Stahl, Chris <Chris.Stahl@dep.state.fl.us>
Sent: Friday, April 10, 2020 10:36 AM
To: Joseph Scott Modesitt
Cc: State_Clearinghouse
Subject: State Clearance Letter for FL202002148843C -City of Palatka Flood And Drainage CDBG Project, Putnam County

April 10, 2020

J. Scott Modesitt, AICP
Summit Professional Services, Inc.
P. O. Box 7300
Brandon, Florida 33508-6021

RE: Department of Housing and Urban Development, Community Planning and Development, National Resilient Disaster Recovery Competition, City of Palatka Flood And Drainage CDBG Project, Putnam County, Florida
SAI # FL202002148843C

Dear Scott:

Florida State Clearinghouse staff has reviewed the proposal under the following authorities: Presidential Executive Order 12372; § 403.061(42), Florida Statutes; the Coastal Zone Management Act, 16 U.S.C. §§ 1451-1464, as amended; and the National Environmental Policy Act, 42 U.S.C. §§ 4321-4347, as amended.

The proposed project should be reviewed by the Environmental Resource Permitting Program of the St. Johns River Water Management District. Please contact the SJRWMD at (800) 451-7106, regarding details and permitting requirements.

Based on the information submitted and minimal project impacts, the state has no objections to the subject project and, therefore, it is consistent with the Florida Coastal Management Program (FCMP). The state's final concurrence of the project's consistency with the FCMP will be determined during any environmental permitting processes, in accordance with Section 373.428, Florida Statutes.

Thank you for the opportunity to review the proposed plan. If you have any questions or need further assistance, please don't hesitate to contact me at (850) 717-9076.

Sincerely,

Chris Stahl

Chris Stahl, Coordinator
Florida State Clearinghouse
Florida Department of Environmental Protection
3800 Commonwealth Blvd., M.S. 47
Tallahassee, FL 32399-2400

ph. (850) 717-9076
State.Clearinghouse@floridadep.gov



Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Thursday, February 13, 2020 4:30 PM
To: Chris.Stahl@dep.state.fl.us
Subject: Putnam County CDBG Disaster Recovery - St. Johns Avenue Drainage Project DEO #HM007
Attachments: St. Johns Avenue Drainage Improvements Overall Project Area Map.pdf; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

Florida State Clearinghouse
Department of Environmental Protection
3900 Commonwealth Blvd, MS 47
Tallahassee, FL 32399-3000

Dear Mr. Stahl:

Putnam County, Florida, is proposing a flood and drainage project in the City of Palatka. The project is along St. Johns Avenue and includes portions of St. Johns Avenue from CR 309C east to SR 19. The study area extends south to Crill Avenue and north to the Kay Larkin Airport. It is anticipated the construction stage will also occur in six (6) segments: 1. Construction of Segment I Off-Site Storm Ponds; 2. Construction of Segment II (from the Outfall to Kay Larkin Drive); 3. Construction of Segment III (from Kay Larkin Drive to College Drive); 4. Construction of Segment IV (from College Drive to Moody Road); 5. Construction of Segment V (from Moody Road to SR 19); and 6. Construction of Segment VI (from CR 309C to the Outfall). A map of the project area and locations are attached.

The proposed improvements consist of installing a new, continuous conveyance from the eastern extents of the study area west to a new stormwater management facility (pond) located near the central outfall swale. A conceptual drainage model of a closed conduit collection system has been developed. In this scenario, a large 4' x 8' box culvert has been added to replace the existing sporadic ditch collection system. The eastern extents of the piped system is proposed to be a 43" X 68" elliptical RCP. The proposed project calls for the utilization of the existing large ditches north of St. Johns Avenue from Viking Street to Stillwell Avenue for additional storage. The project will connect these large ditches to the main proposed storm trunk line by series of pipes and install a large storm trunk line at center of St. Johns Avenue. The center location within St. Johns Avenue is the optimal location due to conflicts with existing major utilities, proposed utilities, and location of proposed 10' bike path. The proposed trunk line will be 43"x68" ERCP from Viking Street to Stillwell Avenue and will be 4'x8' box culvert from the outfall to Viking Street. Drainage from St. Johns Avenue roadside ditches and ditches from side roads will be connected to the main trunk line via smaller pipes. Proposed construction includes milling and resurfacing of portions of the existing road and also includes reconstruction and pavement addition in other portions of the road. The project will include sidewalk repair and total sidewalk replacement on the south side of the road where impacts will occur. Improvements also include signal upgrades at Moody Road and SR 19 due to pavement changes caused by location of the proposed drainage trunk line. From CR 309C to the primary outfall, minor improvements are proposed in the form of reshaping roadside ditches.

The project is being funded with a CDBG Disaster Recovery Grant for impacts related to Hurricane Matthew in the amount of \$3,569,507. We are submitting the project for review and comment as your agency is the state's Single Point-Of-Contact (SPOC) for the review of federal projects and federally funded activities – in accordance with section 403.061(42), Florida Statutes (F.S.); Presidential Executive Order 12372; the National Environmental Policy Act (NEPA); the Coastal Zone Management Act (CZMA) and other federal laws and policies.

Thank you and please let me know if you have any questions or require additional information.
Scott Modesitt

J. Scott Modesitt, AICP
President
Summit Professionals, Inc.
PO Box 7300
Brandon, Florida 33508-6021
Phone: (813) 685-4585
Cell: (850) 570-1506
Fax: (877) 309-1951

Joseph Scott Modesitt

From: postmaster@nefrpc.onmicrosoft.com
To: epayne@nefrc.org
Sent: Monday, February 17, 2020 12:01 PM
Subject: Delivered: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007

Your message has been delivered to the following recipients:

epayne@nefrc.org (epayne@nefrc.org)

Subject: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Monday, February 17, 2020 12:01 PM
To: epayne@nefrc.org
Subject: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007
Attachments: St. Johns Avenue Drainage Improvements Overall Project Area Map.pdf; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

Beth Payne
100 Festival Park Avenue
Jacksonville, FL 32202

Dear Ms. Payne:

We are in the process of conducting an Environmental Review for a HUD-funded project to be located in Palatka, Florida. In an effort to provide due diligence in notifying respective agencies, we are submitting project information to the Northeast Florida RPC, if applicable.

To meet project timeframes, if you would like to be a consulting party on this project, please let us know your interest within 30 days. If you have any initial concerns with impacts of the project, please note them in your response. Please note that project information has been submitted to the State Clearinghouse as well.

Attached are maps of the proposed project area. The proposed project involves adding a more efficient piped conveyance system in the City of Palatka, Florida, from the primary outfall to SR 19 and reshaping an open channel conveyance system west of the primary outfall along St. Johns Avenue. The project also includes the addition of more storm water pond storage and an improved outfall structure.

The project is along St. Johns Avenue and includes portions of St. Johns Avenue from CR 309C east to SR 19. The study area extends south to Crill Avenue and north to the Kay Larkin Airport. It is anticipated the construction stage will also occur in six (6) segments: 1. Construction of Segment I Off-Site Storm Ponds; 2. Construction of Segment II (from the Outfall to Kay Larkin Drive); 3. Construction of Segment III (from Kay Larkin Drive to College Drive); 4. Construction of Segment IV (from College Drive to Moody Road); 5. Construction of Segment V (from Moody Road to SR 19); and 6. Construction of Segment VI (from CR 309C to the Outfall). A map of the project area and locations are attached.

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Moody Road and SR 19 due to pavement changes caused by location of the proposed drainage trunk line. From CR 309C to the primary outfall, minor improvements are proposed in the form of reshaping roadside ditches.

The project is being funded with a CDBG Disaster Recovery Grant for impacts related to Hurricane Matthew in the amount of \$3,569,507.

If you do not wish to consult on this project, please inform us. If you do wish to consult, please include in your reply the name and contact information for your agency's principal representative in the consultation. Non-responses will be considered to indicate no further consultation is required.

Sincerely,
J. Scott Modesitt, AICP, President

J. Scott Modesitt, AICP
President
Summit Professionals, Inc.
PO Box 7300
Brandon, Florida 33508-6021
Phone: (813) 685-4585
Cell: (850) 570-1506
Fax: (877) 309-1951

Joseph Scott Modesitt

From: postmaster@usdhs.onmicrosoft.com
To: william.straw@dhs.gov
Sent: Sunday, February 16, 2020 1:50 PM
Subject: Relayed: Putnam County, Florida CDBG Disaster Recovery Project for St. Johns Avenue Drainage, DEO Project #HM007

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

william.straw@dhs.gov (william.straw@dhs.gov)

Subject: Putnam County, Florida CDBG Disaster Recovery Project for St. Johns Avenue Drainage, DEO Project #HM007

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Sunday, February 16, 2020 1:50 PM
To: william.straw@dhs.gov
Subject: Putnam County, Florida CDBG Disaster Recovery Project for St. Johns Avenue Drainage, DEO Project #HM007
Attachments: FIRMETTE_ed15164f-5f98-11e8-a66d-001b21bbe86d.pdf; FIRMETTE_91164170-5f99-11e8-849c-001b21b31e35.pdf; FIRMETTE_cca4a4cf-5f98-11e8-b975-001b21bbe86d.pdf; Flood Map.pdf; St. Johns Avenue Drainage Improvements Overall Project Area Map.pdf; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

February 16, 2020

Attn: William Straw
Federal Emergency Management Agency
Regional Environmental Office
Department of Homeland Security
3003 Chamblee Tucker Road
Atlanta, GA 30341-4112

Re: Putnam County, Florida – CDBG Disaster Recovery Program for St. Johns Avenue Drainage
CDBG HUD-Funded Program, FL DEO Contract #HM007

Dear Mr. Straw:

The Florida Department of Economic Opportunity is considering funding the project listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, Putnam County, Florida, has assumed HUD's environmental review responsibilities for the project. In accordance with the provisions of law cited in 24 CFR 58.1(b), the responsible entity must assume responsibilities for environmental review, decision-making and action that would apply to HUD under specified laws and authorities. The responsible entity must certify that it has complied with the requirements that would apply to HUD under these laws and authorities and must consider the criteria, standards, policies and regulations of these laws and authorities. These include:

Floodplain management and wetland protection

- (1) Executive Order 11988, Floodplain Management, May 24, 1977 (42 FR 26951), 3 CFR, 1977 Comp., p. 117, as interpreted in HUD regulations at 24 CFR part 55, particularly section 2(a) of the order; and
- (2) Executive Order 11990, Protection of Wetlands, May 24, 1977 (42 FR 26961), 3 CFR, 1977 Comp., p. 121, as interpreted in HUD regulations at 24 CFR part 55, particularly sections 2 and 5 of the order.

It has been our determination based upon available resources that the project will not have any adverse impacts on floodplain management. We are still making a determination regarding the impact on wetlands and may begin making a 8-Step Decision Making Process once the degree of wetland impact is determined.

To meet project timeframes, if you would like to be a consulting party on this project, please let us know your interest within 30 days. If you have any initial concerns with impacts of the project, please note them in your response.

Attached are maps of the proposed project area. The proposed project involves adding a more efficient piped conveyance system in the City of Palatka, Florida, from the primary outfall to SR 19 and reshaping an open channel

conveyance system west of the primary outfall along St. Johns Avenue. The project also includes the addition of more storm water pond storage and an improved outfall structure.

The project is along St. Johns Avenue and includes portions of St. Johns Avenue from CR 309C east to SR 19. The study area extends south to Crill Avenue and north to the Kay Larkin Airport. It is anticipated the construction stage will also occur in six (6) segments: 1. Construction of Segment I Off-Site Storm Ponds; 2. Construction of Segment II (from the Outfall to Kay Larkin Drive); 3. Construction of Segment III (from Kay Larkin Drive to College Drive); 4. Construction of Segment IV (from College Drive to Moody Road); 5. Construction of Segment V (from Moody Road to SR 19); and 6. Construction of Segment VI (from CR 309C to the Outfall). A map of the project area and locations are attached.

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The project is being funded with a CDBG Disaster Recovery Grant for impacts related to Hurricane Matthew in the amount of \$3,569,507.

If you do not wish to consult on this project, please inform us. If you do wish to consult, please include in your reply the name and contact information for your agency's principal representative in the consultation. Non-responses will be considered to indicate no further consultation is required.

We value your assistance and look forward to consulting further if the project necessitates mitigation activities due to impacts to floodplain management and wetlands protection.

Sincerely,
J. Scott Modesitt, AICP, President

J. Scott Modesitt, AICP
President
Summit Professionals, Inc.
PO Box 7300
Brandon, Florida 33508-6021
Phone: (813) 685-4585
Cell: (850) 570-1506
Fax: (877) 309-1951
scottm@summitpros.com

Joseph Scott Modesitt

From: Microsoft Outlook
To: annie_dziergowski@fws.gov
Sent: Sunday, February 16, 2020 3:01 PM
Subject: Relayed: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

annie_dziergowski@fws.gov (annie_dziergowski@fws.gov)

Subject: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Sunday, February 16, 2020 3:01 PM
To: annie_dziergowski@fws.gov
Subject: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007
Attachments: St. Johns Avenue Drainage Improvements Overall Project Area Map.pdf; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

Dear Ms. Dziergowski:

I am completing a HUD-Funded Environmental Assessment on a CDBG project located in Palatka, Florida (Putnam County). After completing the IPac evaluation online, it was determined that I needed to conduct further consultation with US FWS because we are proposing new construction in undeveloped areas.

Attached are maps of the proposed project area. The proposed project involves adding a more efficient piped conveyance system in the City of Palatka, Florida, from the primary outfall to SR 19 and reshaping an open channel conveyance system west of the primary outfall along St. Johns Avenue. The project also includes the addition of more storm water pond storage and an improved outfall structure.

The project is along St. Johns Avenue and includes portions of St. Johns Avenue from CR 309C east to SR 19. The study area extends south to Crill Avenue and north to the Kay Larkin Airport. It is anticipated the construction stage will also occur in six (6) segments: 1. Construction of Segment I Off-Site Storm Ponds; 2. Construction of Segment II (from the Outfall to Kay Larkin Drive); 3. Construction of Segment III (from Kay Larkin Drive to College Drive); 4. Construction of Segment IV (from College Drive to Moody Road); 5. Construction of Segment V (from Moody Road to SR 19); and 6. Construction of Segment VI (from CR 309C to the Outfall). A map of the project area and locations are attached.

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The project is being funded with a CDBG Disaster Recovery Grant for impacts related to Hurricane Matthew in the amount of \$3,569,507.

Please include in your reply the name and contact information for your agency's principal representative in the consultation. To meet project timeframes, please provide comments within 30 days. If you have any initial concerns with impacts of the project, please note them in your response.

Thank you and please call or email me if you have any questions.

Sincerely,

J. Scott Modesitt, AICP, President

J. Scott Modesitt, AICP

President

Summit Professionals, Inc.

PO Box 7300

Brandon, Florida 33508-6021

Phone: (813) 685-4585

Cell: (850) 570-1506

Fax: (877) 309-1951



United States Department of the Interior

FISH AND WILDLIFE SERVICE
North Florida Ecological Services Field Office
7915 Baymeadows Way, Suite 200
Jacksonville, FL 32256-7517
Phone: (904) 731-3336 Fax: (904) 731-3045



IPaC Record Locator: 607-21760822

May 15, 2020

Please provide this document to the Federal agency or their designee with your loan/grant application.

Subject: Consistency letter for the project named 'Putnam County CDBG-DR St. John's Avenue Drainage Project' for specified threatened and endangered species that may occur in your proposed project location, pursuant to the IPaC determination key titled 'Clearance to Proceed with Federally-Insured Loan and Grant Project Requests'.

To whom it may concern:

On May 15, 2020, Scott Modesitt used the IPaC determination key 'Clearance to Proceed with Federally-Insured Loan and Grant Project Requests'; dated December 01, 2016, in the U.S. Fish and Wildlife Service's online [IPaC tool](#) to evaluate potential impacts to listed species from a project named 'Putnam County CDBG-DR St. John's Avenue Drainage Project' in Putnam County, Florida (shown below):

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/29.646574025089947N81.68618041395116W>



The following description was provided for the project 'Putnam County CDBG-DR St. John's Avenue Drainage Project':

The proposed project involves adding a more efficient piped conveyance system along St. John's Avenue in the City of Palatka, Florida, from the primary outfall to SR 19 and reshaping an open channel conveyance system west of the primary outfall. The project also includes the addition of more storm water pond storage and an improved outfall structure.

Based on your answers provided, the proposed project is unlikely to have any detrimental effects to federally-listed species or critical habitat. Therefore, per this guidance, Scott Modesitt has determined that Putnam County CDBG-DR St. John's Avenue Drainage Project will have No Effect on the species listed below.

This letter serves as documentation of your consideration of endangered species, bald eagles, and migratory birds. No further coordination with the Service is necessary.

Please be advised that, if later modifications are made to the project that do not meet the criteria described above, if additional information involving potential effects to listed species becomes available, or if a new species is listed, reinitiation of consultation may be necessary.

Birds

- Eastern Black Rail, *Laterallus jamaicensis ssp. jamaicensis* (Proposed Threatened)
- Florida Scrub-jay, *Aphelocoma coerulescens* (Threatened)
- Red-cockaded Woodpecker, *Picoides borealis* (Endangered)
- Wood Stork, *Mycteria americana* (Threatened)

Reptiles

- Bluetail Mole Skink, *Eumeces egregius lividus* (Threatened)
- Eastern Indigo Snake, *Drymarchon corais couperi* (Threatened)
- Gopher Tortoise, *Gopherus polyphemus* (Candidate)
- Sand Skink, *Neoseps reynoldsi* (Threatened)

Flowering Plants

- Etonia Rosemary, *Conradina etonia* (Endangered)

Additional considerations for non-federally listed species

- **Bald Eagle Nest Issues.** If any of the above-referenced activities (rehabilitation, demolition, or rebuilding) are proposed to occur **within 660 feet** of an active or alternate bald eagle (*Haliaeetus leucocephalus*) nest during the nesting season (October 1 through
-

May 15), we recommend the applicant or their designated agent coordinate with the Florida Fish and Wildlife Conservation Commission (FWC) at <http://myfwc.com/license/wildlife/protected-wildlife/eagle-permits/>. Guidance will be provided by the FWC regarding monitoring options or other suggestions regarding construction timing relative to the distance the project is located to the bald eagle's nest and according to any vegetative buffers that may be present between the nest and the construction activities.

- **Migratory Bird Issues.** If any native birds are using the structures for nesting then actions should be taken so as not to disturb the adults, nests, eggs, or chicks as this could lead to a potential violation of the Migratory Bird Treaty Act. If nests are present or any birds are using the structures regularly for roosting purposes, we recommend the applicant or their designated agent coordinate with the appropriate Service office and FWC (<http://myfwc.com/license/wildlife/protected-wildlife/contacts/>) so that impacts can be avoided and minimized.

Scott Modesitt answered the determination key questions for this project as follows:

1. Is the project entirely within the State of Florida, but **not** within Monroe County?
Automatically answered
Yes
 2. Is the project exclusively a Federal loan transfer, where the original lending or mortgage institutions for existing project are no longer holding the loan and the property is being transferred via a federally-backed loan?
*No, this is **not** a Federal loan transfer as described above, or includes activities in addition to a Federal loan transfer.*
 3. Does the project include a federally-insured loan or federal grant funding?
Yes, the project includes a federally-insured loan or federal grant funding.
 4. Is the entire site currently developed/hard-surfaced (i.e., the site consists entirely of existing roads, sidewalks, buildings, driveways, etc., and does not contain any undeveloped and/or vegetated areas)?
Yes, the entire site is already developed/hard-surfaced.
 5. Is the federally-insured loan or federal grant funding being used for demolition, rehabilitation, renovation, and/or rebuilding of one or more existing facilities (e.g., residential, commercial and industrial sites, or utilities)?
Yes, the project includes Federal funding for work on existing facilities.
 6. Will the project significantly alter the present capacity of an existing structure?
No, this project will not alter the present capacity of any existing structure.
-

7. Does your project involve structures that are being used by any federally endangered or threatened species (*e.g.*, roosting bonneted bats, denning indigo snakes, etc.) or are there known reports of species using the site?

*No, the site and/or structure(s) are **not** being used by any federally listed species.*

Attachments:

- Project questionnaire
- Standard manatee construction conditions
- Determination key description: Clearance to Proceed with Federally-Insured Loan and Grant Project Requests
- U.S. Fish & Wildlife Service contact list

Project Informational Questionnaire

As part of completing the determination key, Scott Modesitt provided the following information about their project:

1. Please describe the loan/grant program you are using
Community Development Block Grant
 2. Which Federal Agency is the lead agency providing the funding?
U.S. Department of Housing and Urban development (HUD)
 3. Which types of activities you will be conducting:
Infrastructure
 4. Which types of structures this funding will address:
Flood and Drainage Facilities
 5. Please describe the activity you will be conducting:
Construction of stormwater conveyance and treatment facilities adjacent to a State Highway.
 6. How many square feet of facilities will be affected by this project?
25000
 7. Are there bald eagles within 660 feet of the site, or migratory birds or bats using structures on the site?
None of the above
-

Determination Key Description: Clearance To Proceed With Federally-Insured Loan And Grant Project Requests

This key was last updated in IPaC on December 01, 2016. Keys are subject to periodic revision.

This determination key is for all Federally-insured loans, loan transfers, or grant requests for projects that may be completed without requiring additional clearing of undisturbed habitat beyond the original footprint of the existing project. For the purposes of this key, Federal loan transfers are those transfers where the original lending or mortgage institutions for existing projects are no longer holding the loans and the properties are being transferred via federally backed loans. Projects may include demolition, rehabilitation, renovations, and/or rebuilding of existing structures (*e.g.*, commercial buildings, multi-family housing, single-family housing), and various utilities projects such as water and wastewater treatment facilities, sewer or power line repair, etc.

The U.S. Fish and Wildlife Service is the lead Federal agency charged with the protection and conservation of Federal Trust Resources, such as threatened and endangered species and migratory birds, in accordance with section 7 of the [Endangered Species Act of 1973](#), as amended (Act) (87 Stat. 884; 16 U.S.C. 1531 et seq.), the [Bald and Golden Eagle Protection Act](#), (16 U.S.C. 668-668d) (Eagle Act), and the [Migratory Bird Treaty Act](#) (40 Stat. 755; 16 U.S.C. 701 et seq.).

Recently, many Federal agencies have activated programs that have resulted in an increased consumer demand to initiate projects through federally-backed loans and grants, all of which require those same Federal agencies to comply with Section 7 of the Act. Consequently, we have experienced an increase in the number of requests for review of these government-backed loan and grant projects. These include, but are not limited to:

1. U.S. Department of Housing and Urban Development's (HUD) Neighborhood Stabilization and Community Development Block Grant programs, which may be managed by Florida's Department of Economic Opportunity;
 2. U.S. Department of Energy's (DOE) Energy Efficiency and Renewable Energy program;
 3. U.S. Department of Agriculture's (USDA) Housing Assistance and Rural Development Loan and Grant Assistance programs;
 4. U.S. Federal Aviation Administration (FAA) regulatory airport and runway modifications;
 5. U.S. Federal Emergency Management Agency's (FEMA) Hazard Mitigation Assistance program; and
-

6. U.S. Environmental Protection Agency's (EPA) Clean Water State Revolving Fund, managed by Florida Department of Environmental Protection.

In order to fulfill the Act's statutory obligations in a timely and consistent manner, and to assist Federal agencies, State and local governments, and consultants in addressing Section 7 and National Environmental Policy Act (NEPA) environmental impact review requirements, we provide the following guidance and clearance relative to the criteria stated below for Federally-insured loan and grant project requests in all cities and unincorporated areas throughout Florida, with the exception of Monroe County.

This guidance is based on the signed letter [U.S. Fish and Wildlife Service Clearance to Proceed with Federally-Insured Loan and Grant Project Requests.](#)

U.S. Fish & Wildlife Service Contact List

Determination key office contact information

South Florida Ecological Services Field Office

1339 20th Street

Vero Beach, FL 32960-3559

(772) 562-3909

Offices with jurisdiction over project area

North Florida Ecological Services Field Office

7915 Baymeadows Way, Suite 200

Jacksonville, FL 32256-7517

(904) 731-3336

Joseph Scott Modesitt

From: Microsoft Outlook
To: quin.romay@putnam-fl.com
Sent: Sunday, February 16, 2020 2:40 PM
Subject: Relayed: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

quin.romay@putnam-fl.com (quin.romay@putnam-fl.com)

Subject: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007



United States Department of the Interior

FISH AND WILDLIFE SERVICE
North Florida Ecological Services Field Office
7915 Baymeadows Way, Suite 200
Jacksonville, FL 32256-7517
Phone: (904) 731-3336 Fax: (904) 731-3045



In Reply Refer To:

January 22, 2020

Consultation Code: 04EF1000-2020-SLI-0346

Event Code: 04EF1000-2020-E-00567

Project Name: Putnam County CDBG-DR St. John's Avenue Drainage Project

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
- Migratory Birds

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

North Florida Ecological Services Field Office

7915 Baymeadows Way, Suite 200

Jacksonville, FL 32256-7517

(904) 731-3336

Project Summary

Consultation Code: 04EF1000-2020-SLI-0346

Event Code: 04EF1000-2020-E-00567

Project Name: Putnam County CDBG-DR St. John's Avenue Drainage Project

Project Type: Federal Grant / Loan Related

Project Description: The proposed project involves adding a more efficient piped conveyance system along St. John's Avenue in the City of Palatka, Florida, from the primary outfall to SR 19 and reshaping an open channel conveyance system west of the primary outfall. The project also includes the addition of more storm water pond storage and an improved outfall structure.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/29.646574025089947N81.68618041395116W>



Counties: Putnam, FL

Endangered Species Act Species

There is a total of 9 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Birds

| NAME | STATUS |
|---|------------------------|
| Eastern Black Rail <i>Laterallus jamaicensis ssp. jamaicensis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10477 | Proposed Threatened |
| Florida Scrub-jay <i>Aphelocoma coerulescens</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6174 | Threatened |
| Red-cockaded Woodpecker <i>Picoides borealis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7614 | Endangered |
| Wood Stork <i>Mycteria americana</i> Population: AL, FL, GA, MS, NC, SC No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8477 | Threatened |

Reptiles

| NAME | STATUS |
|--|------------|
| Bluetail Mole Skink <i>Eumeces egregius lividus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2203 | Threatened |
| Eastern Indigo Snake <i>Drymarchon corais couperi</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/646 | Threatened |
| Gopher Tortoise <i>Gopherus polyphemus</i> Population: eastern No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6994 | Candidate |
| Sand Skink <i>Neoseps reynoldsi</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4094 | Threatened |

Flowering Plants

| NAME | STATUS |
|--|------------|
| Etonia Rosemary <i>Conradina etonia</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5841 | Endangered |

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

Migratory Birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

-
1. The [Migratory Birds Treaty Act](#) of 1918.
 2. The [Bald and Golden Eagle Protection Act](#) of 1940.
 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern](#) (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

| NAME | BREEDING SEASON |
|---|------------------------|
| American Kestrel <i>Falco sparverius paulus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA | Breeds Apr 1 to Aug 31 |
| Bald Eagle <i>Haliaeetus leucocephalus</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626 | Breeds Sep 1 to Jul 31 |

| NAME | BREEDING SEASON |
|--|-------------------------|
| Least Tern <i>Sterna antillarum</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA | Breeds Apr 20 to Sep 10 |
| Lesser Yellowlegs <i>Tringa flavipes</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9679 | Breeds elsewhere |
| Prothonotary Warbler <i>Protonotaria citrea</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. | Breeds Apr 1 to Jul 31 |
| Red-headed Woodpecker <i>Melanerpes erythrocephalus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. | Breeds May 10 to Sep 10 |
| Swallow-tailed Kite <i>Elanoides forficatus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/8938 | Breeds Mar 10 to Jun 30 |
| Yellow Warbler <i>Dendroica petechia gundlachi</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA | Breeds May 20 to Aug 10 |

Probability Of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for

that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season (🟡)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (l)

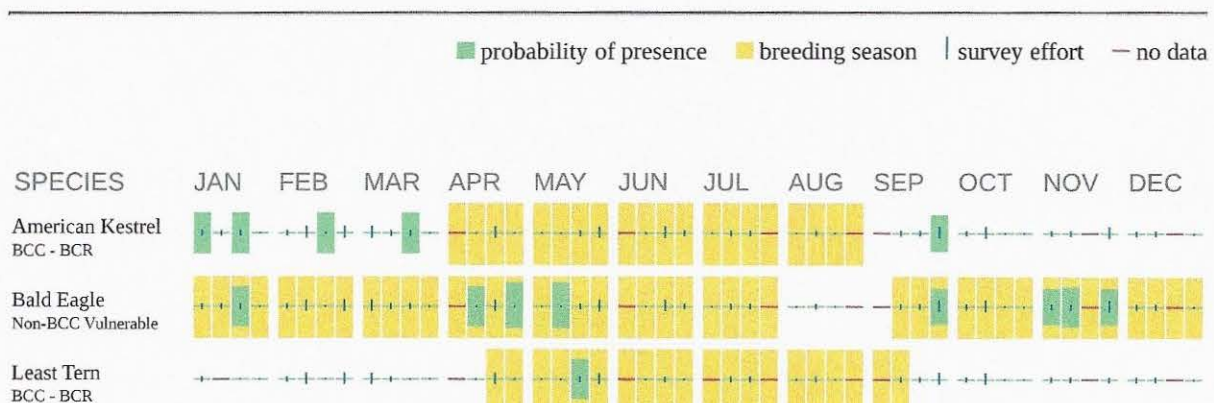
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

No Data (—)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.





Additional information can be found using the following links:

- Birds of Conservation Concern <http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>
- Measures for avoiding and minimizing impacts to birds <http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>
- Nationwide conservation measures for birds <http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf>

Migratory Birds FAQ

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) and/or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as

warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [AKN Phenology Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: [The Cornell Lab of Ornithology All About Birds Bird Guide](#), or (if you are unsuccessful in locating the bird of interest there), the [Cornell Lab of Ornithology Neotropical Birds guide](#). If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can

implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ “What does IPaC use to generate the migratory birds potentially occurring in my specified location”. Please be aware this report provides the “probability of presence” of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the “no data” indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ “Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds” at the bottom of your migratory bird trust resources page.

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Sunday, February 16, 2020 2:38 PM
To: quin.romay@putnam-fl.com
Subject: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007
Attachments: St. Johns Avenue Drainage Improvements Overall Project Area Map.pdf; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

Dear Mr. Romay:

We are in the process of conducting an Environmental Review for a HUD-funded project to be located in Palatka, Florida. In an effort to provide due diligence in notifying respective agencies, we are submitting project information to the Putnam County Fire Department for comments, if applicable.

To meet project timeframes, if you would like to be a consulting party on this project, please let us know your interest within 30 days. If you have any initial concerns with impacts of the project, please note them in your response.

Attached are maps of the proposed project area. The proposed project involves adding a more efficient piped conveyance system in the City of Palatka, Florida, from the primary outfall to SR 19 and reshaping an open channel conveyance system west of the primary outfall along St. Johns Avenue. The project also includes the addition of more storm water pond storage and an improved outfall structure.

The project is along St. Johns Avenue and includes portions of St. Johns Avenue from CR 309C east to SR 19. The study area extends south to Crill Avenue and north to the Kay Larkin Airport. It is anticipated the construction stage will also occur in six (6) segments: 1. Construction of Segment I Off-Site Storm Ponds; 2. Construction of Segment II (from the Outfall to Kay Larkin Drive); 3. Construction of Segment III (from Kay Larkin Drive to College Drive); 4. Construction of Segment IV (from College Drive to Moody Road); 5. Construction of Segment V (from Moody Road to SR 19); and 6. Construction of Segment VI (from CR 309C to the Outfall). A map of the project area and locations are attached.

The proposed improvements consist of installing a new, continuous conveyance from the eastern extents of the study area west to a new stormwater management facility (pond) located near the central outfall swale. A conceptual drainage model of a closed conduit collection system has been developed. In this scenario, a large 4' x 8' box culvert has been added to replace the existing sporadic ditch collection system. The eastern extents of the piped system is proposed to be a 43" X 68" elliptical RCP. The proposed project calls for the utilization of the existing large ditches north of St. Johns Avenue from Viking Street to Stillwell Avenue for additional storage. The project will connect these large ditches to the main proposed storm trunk line by series of pipes and install a large storm trunk line at center of St. Johns Avenue. The center location within St. Johns Avenue is the optimal location due to conflicts with existing major utilities, proposed utilities, and location of proposed 10' bike path. The proposed trunk line will be 43"x68" ERCP from Viking Street to Stillwell Avenue and will be 4'x8' box culvert from the outfall to Viking Street. Drainage from St. Johns Avenue roadside ditches and ditches from side roads will be connected to the main trunk line via smaller pipes. Proposed construction includes milling and resurfacing of portions of the existing road and also includes reconstruction and pavement addition in other portions of the road. The project will include sidewalk repair and total sidewalk replacement on the south side of the road where impacts will occur. Improvements also include signal upgrades at Moody Road and SR 19 due to pavement changes caused by location of the proposed drainage trunk line. From CR 309C to the primary outfall, minor improvements are proposed in the form of reshaping roadside ditches.

The project is being funded with a CDBG Disaster Recovery Grant for impacts related to Hurricane Matthew in the amount of \$3,569,507.

If you do not wish to consult on this project, please inform us. If you do wish to consult, please include in your reply the name and contact information for your agency's principal representative in the consultation. Non-responses will be considered to indicate no further consultation is required.

We value your assistance and look forward to consulting further if the project necessitates mitigation activities due to impacts to fire protection.

Sincerely,
J. Scott Modesitt, AICP, President

***J. Scott Modesitt, AICP
President
Summit Professionals, Inc.
PO Box 7300
Brandon, Florida 33508-6021
Phone: (813) 685-4585
Cell: (850) 570-1506
Fax: (877) 309-1951***

Joseph Scott Modesitt

From: Mail Delivery System <MAILER-DAEMON@mintra13.pyd.epa.gov>
To: cole.larry@epa.gov
Sent: Sunday, February 16, 2020 3:00 PM
Subject: Expanded: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007

This is the mail system at host mintra13.pyd.epa.gov.

Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notifications of mail delivery errors from other systems.

The mail system

<cole.larry@epa.gov>: delivery via local: alias expanded

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Sunday, February 16, 2020 2:59 PM
To: cole.larry@epa.gov
Subject: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007
Attachments: St. Johns Avenue Drainage Improvements Overall Project Area Map.pdf; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

U.S. Environmental Protection Agency
Region 4, Water Protection Division
Ground Water and UIC Section
Samm Nunn Atlanta Federal Center
61 Forsyth Street
Atlanta, GA 30303
Attn: Larry Cole

Dear Mr. Cole:

We are in the process of conducting an Environmental Review for a HUD-funded project to be located in Palatka, Florida. In an effort to provide due diligence in notifying respective agencies, we are submitting project information to the US EPA for comments, if applicable.

To meet project timeframes, if you would like to be a consulting party on this project, please let us know your interest within 30 days. If you have any initial concerns with impacts of the project, please note them in your response.

Attached are maps of the proposed project area. The proposed project involves adding a more efficient piped conveyance system in the City of Palatka, Florida, from the primary outfall to SR 19 and reshaping an open channel conveyance system west of the primary outfall along St. Johns Avenue. The project also includes the addition of more storm water pond storage and an improved outfall structure.

The project is along St. Johns Avenue and includes portions of St. Johns Avenue from CR 309C east to SR 19. The study area extends south to Crill Avenue and north to the Kay Larkin Airport. It is anticipated the construction stage will also occur in six (6) segments: 1. Construction of Segment I Off-Site Storm Ponds; 2. Construction of Segment II (from the Outfall to Kay Larkin Drive); 3. Construction of Segment III (from Kay Larkin Drive to College Drive); 4. Construction of Segment IV (from College Drive to Moody Road); 5. Construction of Segment V (from Moody Road to SR 19); and 6. Construction of Segment VI (from CR 309C to the Outfall). A map of the project area and locations are attached.

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The project is being funded with a CDBG Disaster Recovery Grant for impacts related to Hurricane Matthew in the amount of \$3,569,507.

If you do not wish to consult on this project, please inform us. If you do wish to consult, please include in your reply the name and contact information for your agency's principal representative in the consultation. Non-responses will be considered to indicate no further consultation is required.

We value your assistance and look forward to consulting further if the project necessitates mitigation activities due to impacts to water protection.

Sincerely,
J. Scott Modesitt, AICP, President

J. Scott Modesitt, AICP
President
Summit Professionals, Inc.
PO Box 7300
Brandon, Florida 33508-6021
Phone: (813) 685-4585
Cell: (850) 570-1506
Fax: (877) 309-1951

Joseph Scott Modesitt

From: postmaster@usdagcc.onmicrosoft.com
To: rick.a.robbins@fl.usda.gov
Sent: Sunday, February 16, 2020 2:57 PM
Subject: Delivered: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007

Your message has been delivered to the following recipients:

rick.a.robbins@fl.usda.gov (rick.a.robbins@fl.usda.gov)

Subject: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Sunday, February 16, 2020 2:56 PM
To: rick.a.robbers@fl.usda.gov
Subject: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007
Attachments: St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf; St. Johns Avenue Drainage Improvements Overall Project Area Map.pdf

U.S. Department of Agriculture
Natural Resources Conservation Service
2614 NW 43rd Street
Gainesville, FL 32606
(352) 338-9536
Attn: Rick Robbins

Dear Mr. Robbins:

We are in the process of conducting an Environmental Review for a HUD-funded project to be located in Palatka, Florida. In an effort to provide due diligence in notifying respective agencies, we are submitting project information to the USDA, NRCS for comments, if applicable.

To meet project timeframes, if you would like to be a consulting party on this project, please let us know your interest within 30 days. If you have any initial concerns with impacts of the project, please note them in your response.

Attached are maps of the proposed project area. The proposed project involves adding a more efficient piped conveyance system in the City of Palatka, Florida, from the primary outfall to SR 19 and reshaping an open channel conveyance system west of the primary outfall along St. Johns Avenue. The project also includes the addition of more storm water pond storage and an improved outfall structure.

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We value your assistance and look forward to consulting further if the project necessitates mitigation activities due to NCRS impacts.

Sincerely,
J. Scott Modesitt, AICP, President

J. Scott Modesitt, AICP
President
Summit Professionals, Inc.
PO Box 7300
Brandon, Florida 33508-6021
Phone: (813) 685-4585
Cell: (850) 570-1506
Fax: (877) 309-1951

Joseph Scott Modesitt

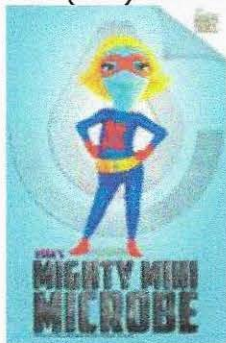
From: Crockett, Leroy - NRCS, Quincy, FL <leroy.crockett@usda.gov>
Sent: Tuesday, February 18, 2020 9:45 AM
To: Joseph Scott Modesitt
Subject: FW: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007
Attachments: St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf; St. Johns Avenue Drainage Improvements Overall Project Area Map.pdf; AD_1006.pdf

Good Morning,

In the future please send any projects of this nature to my attention. Rick no longer handles this type of request. It seems that this project will occur in existing right of way. If that is the case then no further consultation is needed. If the right of way is being expanded in an area that could have potential impact on farmland then the AD-1006 form would need to be completed. See attached.
If potential farmlands might be impacted then we can discuss any questions you might have about filling out form and process.
Good luck with your project,

LeRoy Crockett
Resource Soil Scientist

Perry Paige Bld suite 305N
1740 S MLK Blvd
Tallahassee, FL 32307
Mb: (352) 262-0192



[Watch](#) the "Mighty Mini Microbe" trailer.

From: Sullivan, Kevin - NRCS, Gainesville, FL <kevin.sullivan2@usda.gov>
Sent: Tuesday, February 18, 2020 7:52 AM
To: Crockett, Leroy - NRCS, Quincy, FL <leroy.crockett@usda.gov>
Subject: FW: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007

FYI...Also, please send a note to Fred Fox Enterprises (St. Augustine), again asking that they stop sending packets of information (certified mail) to us and only communicate by sending electronic emails your way.

Thanks, and happy Tuesday.

Kevin

From: Robbins, Rick - NRCS, Gainesville, FL <rick.a.robbsins@usda.gov>

Sent: Tuesday, February 18, 2020 7:14 AM

To: Sullivan, Kevin - NRCS, Gainesville, FL <kevin.sullivan2@usda.gov>

Subject: FW: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007

Kevin,

FYI.

Rick

From: Joseph Scott Modesitt <scottm@summitpros.com>

Sent: Sunday, February 16, 2020 2:56 PM

To: Robbins, Rick - NRCS, Gainesville, FL <rick.a.robbsins@usda.gov>

Subject: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007

U.S. Department of Agriculture
Natural Resources Conservation Service
2614 NW 43rd Street
Gainesville, FL 32606
(352) 338-9536
Attn: Rick Robbins

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We value your assistance and look forward to consulting further if the project necessitates mitigation activities due to NCRS impacts.

Sincerely,
J. Scott Modesitt, AICP, President

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President
Summit Professionals, Inc.
PO Box 7300
Brandon, Florida 33508-6021
Phone: (813) 685-4585
Cell: (850) 570-1506
Fax: (877) 309-1951

This electronic message contains information generated by the USDA solely for the intended recipients. Any unauthorized interception of this message or the use or disclosure of the information it contains may violate the law and subject the violator to civil or criminal penalties. If you believe you have received this message in error, please notify the sender and delete the email immediately.

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Sunday, February 16, 2020 2:50 PM
To: mark.r.evans@usace.army.mil
Subject: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007
Attachments: St. Johns Avenue Drainage Improvements Overall Project Area Map.pdf; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

U.S. Army Corps of Engineers
Jacksonville District
Attn: SAJRD
P.O. Box 4970
701 San Marco Blvd
Jacksonville, FL 32207
Attn: Mark Evans, Regulatory Section

Dear Mr. Evans:

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We value your assistance and look forward to consulting further if the project necessitates mitigation activities due to impacts to US Army Corp of Engineer's activities.

Sincerely,
J. Scott Modesitt, AICP, President

J. Scott Modesitt, AICP
President
Summit Professionals, Inc.
PO Box 7300
Brandon, Florida 33508-6021
Phone: (813) 685-4585
Cell: (850) 570-1506
Fax: (877) 309-1951

Joseph Scott Modesitt

From: Microsoft Outlook
To: mark.r.evans@usace.army.mil
Sent: Sunday, February 16, 2020 2:53 PM
Subject: Relayed: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

mark.r.evans@usace.army.mil (mark.r.evans@usace.army.mil)

Subject: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007

Joseph Scott Modesitt

From: Evans, Mark R CIV USARMY CESAJ (US) <Mark.R.Evans@usace.army.mil>
Sent: Wednesday, March 04, 2020 2:09 PM
To: Joseph Scott Modesitt
Subject: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007 (UNCLASSIFIED)
Attachments: St. Johns Avenue Drainage Improvements Overall Project Area Map.pdf; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

Importance: High

CLASSIFICATION: UNCLASSIFIED

Mr. Modesitt,

The information below and contained within/on the attached Adobe files, did not specifically indicate whether or not the work proposed/planned would affect waters of the United States, which can including wetlands. The roadside swales identified in your description could support wetlands; and, if so, Department of the Army authorization may be required to install an enclosed (piped) conveyance system, as such work likely would incorporate the discharge of fill material around/over the enclosed conveyance system (pipes).

If the project does not affect waters of the United States, e.g. wetlands, then Department of the Army authorization would not be required. However, if the project does affect waters of the United States, e.g. wetlands, you should submit a Department of the Army permit application and receive any appropriate authorization prior to initiating any work.

Information regarding the U.S. Army Corps of Engineers (Corps) permit program is available at <https://www.saj.usace.army.mil/Missions/Regulatory.aspx>. Specifically, review the information available under the "Regulatory Pages", "Source Book" link (<https://www.saj.usace.army.mil/Missions/Regulatory/Source-Book/>).

The Corps cautions you that work performed in any waters of the United States, including wetlands, without a Department of the Army permit could subject you to enforcement action. Receipt of a permit from the Florida Department of Environmental Protection or any Water Management District does not obviate the requirement for obtaining a Department of the Army permit for the work described below prior to commencing work.

Mark R. Evans, Senior Project Manager
U.S. Army Corps of Engineers, Jacksonville District
Regulatory Division, Jacksonville Permits Section
904-232-2028

PLEASE NOTE: The U.S. Army Corps of Engineers no longer receives permit applications or related information from the Florida DEP or the Water Management Districts. You may electronically submit information for new permit applications associated with projects in the Jacksonville Permits Section area of review to corpsjaxreg-nj@usace.army.mil. **Please note: submittals to this electronic mail mailbox must be less than 10Mb in size.**

To assist us in better serving you, please complete the customer survey located at http://corpsmapu.usace.army.mil/cm_apex/f?p=regulatory_survey.

From: Joseph Scott Modesitt [mailto:scottm@summitpros.com]

Sent: Sunday, February 16, 2020 2:50 PM

To: Evans, Mark R CIV USARMY CESAJ (US) <Mark.R.Evans@usace.army.mil>

Subject: [Non-DoD Source] Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007

U.S. Army Corps of Engineers

Jacksonville District

Attn: SAJRD

P.O. Box 4970

701 San Marco Blvd

Jacksonville, FL 32207

Attn: Mark Evans, Regulatory Section

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Joseph Scott Modesitt

From: Evert, Jason <JEvert@jmt.com>
Sent: Thursday, March 19, 2020 3:08 PM
To: Joseph Scott Modesitt
Cc: Nancy Debs
Subject: FW: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007 (UNCLASSIFIED)

Scott,

Pleased to meet you via email! Thank you for your work on behalf of this project. At this point, I probably wouldn't be able to state that a Department of Army permit is definitely not required, but we will of course work toward that goal. Since only USACE can make that determination, we will have to ask for a jurisdictional determination, particularly for the larger, existing north/south ditch/canal, which will be considered a "wetland" by USACE definition, though whether it comprises Waters of the U.S. is still under consideration, and which at a minimum will have to be cleaned up to restore hydraulic flow and intersects the ROW ditches (as I understand it, after a very cursory site visit). The other ditches are likely not jurisdictional nor "wetlands," but we will show USACE our data after the detailed field effort. For now, it would be safe to state that the County will coordinate with USACE to ensure compliance with Section 404 of CWA and Section 10 of RHA. Is this helpful at all, or is more evaluation required for your work?

Thank you,
Jason

Johnson Mirmiran & Thompson (JMT)
An Employee-Owned Company

Jason Evert
Senior NEPA Coordinator
Natural & Cultural Resources
(904) 476-9571
jevert@jmt.com

The Renaissance at Riverside Bldg
2008 Riverside Ave., Suite 200
Jacksonville, FL 32204

From: Nancy Debs <ndebs@fivepointsdsgn.com>
Sent: Wednesday, March 18, 2020 1:39 PM
To: Evert, Jason <JEvert@jmt.com>
Subject: [EXTERNAL] Fwd: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007 (UNCLASSIFIED)

Get [Outlook for iOS](#)

From: Nancy Debs <ndebs@fivepointsdsgn.com>
Sent: Wednesday, March 11, 2020 4:41:20 PM
To: Joseph Scott Modesitt <scottm@summitpros.com>
Subject: Re: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007 (UNCLASSIFIED)

Hi Scott -I will check with our environmentalist. Thanks.

Nancy

Get [Outlook for iOS](#)

From: Joseph Scott Modesitt <scottm@summitpros.com>

Sent: Tuesday, March 10, 2020 11:12:51 AM

To: Nancy Debs <ndebs@fivepointsdsgn.com>

Subject: FW: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007 (UNCLASSIFIED)

Hello Nancy,

I received the email below regarding potential wetlands in the project area for the St. John's Avenue Drainage Project. I deduce that since we are not affecting waters of the United States, the Department of the Army's authorization would not be required for the project. What's are your thoughts?

Scott

J. Scott Modesitt, AICP

President

Summit Professionals, Inc.

PO Box 7300

Brandon, Florida 33508-6021

Phone: (813) 685-4585

Cell: (850) 570-1506

Fax: (877) 309-1951

From: Evans, Mark R CIV USARMY CESAJ (US) <Mark.R.Evans@usace.army.mil>

Sent: Wednesday, March 04, 2020 2:09 PM

To: Joseph Scott Modesitt <scottm@summitpros.com>

Subject: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007 (UNCLASSIFIED)

Importance: High

CLASSIFICATION: UNCLASSIFIED

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If the project does not affect waters of the United States, e.g. wetlands, then Department of the Army authorization would not be required. However, if the project does affect waters of the United States, e.g. wetlands, you should submit a Department of the Army permit application and receive any appropriate authorization prior to initiating any work.

Information regarding the U.S. Army Corps of Engineers (Corps) permit program is available at <https://www.saj.usace.army.mil/Missions/Regulatory.aspx>. Specifically, review the information available under the "Regulatory Pages", "Source Book" link (<https://www.saj.usace.army.mil/Missions/Regulatory/Source-Book/>).

The Corps cautions you that work performed in any waters of the United States, including wetlands, without a Department of the Army permit could subject you to enforcement action. Receipt of a permit from the Florida Department of Environmental Protection or any Water Management District does not obviate the requirement for obtaining a Department of the Army permit for the work described below prior to commencing work.

Mark R. Evans, Senior Project Manager
U.S. Army Corps of Engineers, Jacksonville District
Regulatory Division, Jacksonville Permits Section
904-232-2028

PLEASE NOTE: The U.S. Army Corps of Engineers no longer receives permit applications or related information from the Florida DEP or the Water Management Districts. You may electronically submit information for new permit applications associated with projects in the Jacksonville Permits Section area of review to corpsjaxreg-nj@usace.army.mil. **Please note: submittals to this electronic mail mailbox must be less than 10Mb in size.**

To assist us in better serving you, please complete the customer survey located at http://corpsmapu.usace.army.mil/cm_apex/f?p=regulatory_survey.

From: Joseph Scott Modesitt [<mailto:scottm@summitpros.com>]

Sent: Sunday, February 16, 2020 2:50 PM

To: Evans, Mark R CIV USARMY CESAJ (US) <Mark.R.Evans@usace.army.mil>

Subject: [Non-DoD Source] Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007

U.S. Army Corps of Engineers
Jacksonville District
Attn: SAJRD
P.O. Box 4970
701 San Marco Blvd
Jacksonville, FL 32207
Attn: Mark Evans, Regulatory Section

Dear Mr. Evans:

We are in the process of conducting an Environmental Review for a HUD-funded project to be located in Palatka, Florida. In an effort to provide due diligence in notifying respective agencies, we are submitting project information to the US Army Corps of Engineers for comments, if applicable.

To meet project timeframes, if you would like to be a consulting party on this project, please let us know your interest within 30 days. If you have any initial concerns with impacts of the project, please note them in your response.

Attached are maps of the proposed project area. The proposed project involves adding a more efficient piped conveyance system in the City of Palatka, Florida, from the primary outfall to SR 19 and reshaping an open channel conveyance system west of the primary outfall along St. Johns Avenue. The project also includes the addition of more storm water pond storage and an improved outfall structure.

The project is along St. Johns Avenue and includes portions of St. Johns Avenue from CR 309C east to SR 19. The study area extends south to Crill Avenue and north to the Kay Larkin Airport. It is anticipated the construction stage will also

occur in six (6) segments: 1. Construction of Segment I Off-Site Storm Ponds; 2. Construction of Segment II (from the Outfall to Kay Larkin Drive); 3. Construction of Segment III (from Kay Larkin Drive to College Drive); 4. Construction of Segment IV (from College Drive to Moody Road); 5. Construction of Segment V (from Moody Road to SR 19); and 6. Construction of Segment VI (from CR 309C to the Outfall). A map of the project area and locations are attached.

The proposed improvements consist of installing a new, continuous conveyance from the eastern extents of the study area west to a new stormwater management facility (pond) located near the central outfall swale. A conceptual drainage model of a closed conduit collection system has been developed. In this scenario, a large 4' x 8' box culvert has been added to replace the existing sporadic ditch collection system. The eastern extents of the piped system is proposed to be a 43" X 68" elliptical RCP. The proposed project calls for the utilization of the existing large ditches north of St. Johns Avenue from Viking Street to Stillwell Avenue for additional storage. The project will connect these large ditches to the main proposed storm trunk line by series of pipes and install a large storm trunk line at center of St. Johns Avenue. The center location within St. Johns Avenue is the optimal location due to conflicts with existing major utilities, proposed utilities, and location of proposed 10' bike path. The proposed trunk line will be 43"x68" ERCP from Viking Street to Stillwell Avenue and will be 4'x8' box culvert from the outfall to Viking Street. Drainage from St. Johns Avenue roadside ditches and ditches from side roads will be connected to the main trunk line via smaller pipes. Proposed construction includes milling and resurfacing of portions of the existing road and also includes reconstruction and pavement addition in other portions of the road. The project will include sidewalk repair and total sidewalk replacement on the south side of the road where impacts will occur. Improvements also include signal upgrades at Moody Road and SR 19 due to pavement changes caused by location of the proposed drainage trunk line. From CR 309C to the primary outfall, minor improvements are proposed in the form of reshaping roadside ditches.

The project is being funded with a CDBG Disaster Recovery Grant for impacts related to Hurricane Matthew in the amount of \$3,569,507.

If you do not wish to consult on this project, please inform us. If you do wish to consult, please include in your reply the name and contact information for your agency's principal representative in the consultation. Non-responses will be considered to indicate no further consultation is required.

We value your assistance and look forward to consulting further if the project necessitates mitigation activities due to impacts to US Army Corp of Engineer's activities.

Sincerely,
J. Scott Modesitt, AICP, President

J. Scott Modesitt, AICP
President
Summit Professionals, Inc.
PO Box 7300
Brandon, Florida 33508-6021
Phone: (813) 685-4585
Cell: (850) 570-1506
Fax: (877) 309-1951

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Thank You.

Joseph Scott Modesitt

From: Microsoft Outlook
To: HDeLoach@putnamsheriff.org
Sent: Sunday, February 16, 2020 2:37 PM
Subject: Relayed: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

HDeLoach@putnamsheriff.org (HDeLoach@putnamsheriff.org)

Subject: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Sunday, February 16, 2020 2:15 PM
To: HDeLoach@putnamsheriff.org
Subject: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007
Attachments: St. Johns Avenue Drainage Improvements Overall Project Area Map.pdf; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

The Honorable Homer "Gator" DeLoach, III, Sheriff
Putnam County, Florida

Dear Sheriff DeLoach:

We are in the process of conducting an Environmental Review for a HUD-funded project to be located in Palatka, Florida. In an effort to provide due diligence in notifying respective agencies, we are submitting project information to the Putnam County Sheriff's Department for comments, if applicable.

To meet project timeframes, if you would like to be a consulting party on this project, please let us know your interest within 30 days. If you have any initial concerns with impacts of the project, please note them in your response.

Attached are maps of the proposed project area. The proposed project involves adding a more efficient piped conveyance system in the City of Palatka, Florida, from the primary outfall to SR 19 and reshaping an open channel conveyance system west of the primary outfall along St. Johns Avenue. The project also includes the addition of more storm water pond storage and an improved outfall structure.

The project is along St. Johns Avenue and includes portions of St. Johns Avenue from CR 309C east to SR 19. The study area extends south to Crill Avenue and north to the Kay Larkin Airport. It is anticipated the construction stage will also occur in six (6) segments: 1. Construction of Segment I Off-Site Storm Ponds; 2. Construction of Segment II (from the Outfall to Kay Larkin Drive); 3. Construction of Segment III (from Kay Larkin Drive to College Drive); 4. Construction of Segment IV (from College Drive to Moody Road); 5. Construction of Segment V (from Moody Road to SR 19); and 6. Construction of Segment VI (from CR 309C to the Outfall). A map of the project area and locations are attached.

The proposed improvements consist of installing a new, continuous conveyance from the eastern extents of the study area west to a new stormwater management facility (pond) located near the central outfall swale. A conceptual drainage model of a closed conduit collection system has been developed. In this scenario, a large 4' x 8' box culvert has been added to replace the existing sporadic ditch collection system. The eastern extents of the piped system is proposed to be a 43" X 68" elliptical RCP. The proposed project calls for the utilization of the existing large ditches north of St. Johns Avenue from Viking Street to Stillwell Avenue for additional storage. The project will connect these large ditches to the main proposed storm trunk line by series of pipes and install a large storm trunk line at center of St. Johns Avenue. The center location within St. Johns Avenue is the optimal location due to conflicts with existing major utilities, proposed utilities, and location of proposed 10' bike path. The proposed trunk line will be 43"x68" ERCP from Viking Street to Stillwell Avenue and will be 4'x8' box culvert from the outfall to Viking Street. Drainage from St. Johns Avenue roadside ditches and ditches from side roads will be connected to the main trunk line via smaller pipes. Proposed construction includes milling and resurfacing of portions of the existing road and also includes reconstruction and pavement addition in other portions of the road. The project will include sidewalk repair and total sidewalk replacement on the south side of the road where impacts will occur. Improvements also include signal upgrades at Moody Road and SR 19 due to pavement changes caused by location of the proposed drainage trunk line. From CR 309C to the primary outfall, minor improvements are proposed in the form of reshaping roadside ditches.

The project is being funded with a CDBG Disaster Recovery Grant for impacts related to Hurricane Matthew in the amount of \$3,569,507.

If you do not wish to consult on this project, please inform us. If you do wish to consult, please include in your reply the name and contact information for your agency's principal representative in the consultation. Non-responses will be considered to indicate no further consultation is required.

We value your assistance and look forward to consulting further if the project necessitates mitigation activities due to impacts to floodplain management and wetlands protection.

Sincerely,

J. Scott Modesitt, AICP, President

***J. Scott Modesitt, AICP
President
Summit Professionals, Inc.
PO Box 7300
Brandon, Florida 33508-6021
Phone: (813) 685-4585
Cell: (850) 570-1506
Fax: (877) 309-1951***

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Sunday, February 16, 2020 3:27 PM
To: militscher.chris@epa.gov
Subject: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007
Attachments: St. Johns Avenue Drainage Improvements Overall Project Area Map.pdf; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

U.S. Environmental Protection Agency
Region 4
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta, GA 30303-8960
Attn: Christopher Militscher, Chief
NEPA Program Office

Dear Mr. Militscher:

We are in the process of conducting an Environmental Review for a HUD-funded project to be located in Palatka, Florida. In an effort to provide due diligence in notifying respective agencies, we are submitting project information to the US EPA for comments, if applicable.

To meet project timeframes, if you would like to be a consulting party on this project, please let us know your interest within 30 days. If you have any initial concerns with impacts of the project, please note them in your response.

Attached are maps of the proposed project area. The proposed project involves adding a more efficient piped conveyance system in the City of Palatka, Florida, from the primary outfall to SR 19 and reshaping an open channel conveyance system west of the primary outfall along St. Johns Avenue. The project also includes the addition of more storm water pond storage and an improved outfall structure.

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pavement addition in other portions of the road. The project will include sidewalk repair and total sidewalk replacement on the south side of the road where impacts will occur. Improvements also include signal upgrades at Moody Road and SR 19 due to pavement changes caused by location of the proposed drainage trunk line. From CR 309C to the primary outfall, minor improvements are proposed in the form of reshaping roadside ditches.

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If you do not wish to consult on this project, please inform us. If you do wish to consult, please include in your reply the name and contact information for your agency's principal representative in the consultation. Non-responses will be considered to indicate no further consultation is required.

We value your assistance and look forward to consulting further if the project necessitates mitigation activities due to impacts to the environment.

Sincerely,
J. Scott Modesitt, AICP, President

J. Scott Modesitt, AICP
President
Summit Professionals, Inc.
PO Box 7300
Brandon, Florida 33508-6021
Phone: (813) 685-4585
Cell: (850) 570-1506
Fax: (877) 309-1951

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Sunday, February 16, 2020 2:21 PM
To: jpappas@palatka-fl.gov
Subject: Environmental Assessment for Putnam County CDBG Disaster Recovery St. Johns Avenue Drainage Project - DEO Contract #HM007
Attachments: St. Johns Avenue Drainage Improvements Overall Project Area Map.pdf; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

Dear Ms. Pappas:

We are in the process of conducting an Environmental Review for a HUD-funded project to be located in Palatka, Florida. In an effort to provide due diligence in notifying respective agencies, we are submitting project information to the Palatka Police for comments, if applicable.

To meet project timeframes, if you would like to be a consulting party on this project, please let us know your interest within 30 days. If you have any initial concerns with impacts of the project, please note them in your response.

Attached are maps of the proposed project area. The proposed project involves adding a more efficient piped conveyance system in the City of Palatka, Florida, from the primary outfall to SR 19 and reshaping an open channel conveyance system west of the primary outfall along St. Johns Avenue. The project also includes the addition of more storm water pond storage and an improved outfall structure.

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The project is being funded with a CDBG Disaster Recovery Grant for impacts related to Hurricane Matthew in the amount of \$3,569,507.

If you do not wish to consult on this project, please inform us. If you do wish to consult, please include in your reply the name and contact information for your agency's principal representative in the consultation. Non-responses will be considered to indicate no further consultation is required.

We value your assistance and look forward to consulting further if the project necessitates mitigation activities due to impacts to floodplain management and wetlands protection.

Sincerely,
J. Scott Modesitt, AICP, President

J. Scott Modesitt, AICP
President
Summit Professionals, Inc.
PO Box 7300
Brandon, Florida 33508-6021
Phone: (813) 685-4585
Cell: (850) 570-1506
Fax: (877) 309-1951

**Memorandum of Understanding Between
The U.S. Environmental Protection Agency Region 4 and
The U.S. Department of Housing and Urban Development Region 4
Regarding the EPA Review of HUD Financial-Assisted Projects Within Sole Source Aquifers**

Introduction

This memorandum of understanding (MOU) is intended to memorialize an understanding between the U.S. Environmental Protection Agency Region 4 (EPA) and the U.S. Department of Housing and Urban Development Region 4 (HUD) concerning the review of proposed Federal financially-assisted projects located in whole or in part in the designated sole source aquifers ("SSAs") in the EPA Region 4 (Alabama, Florida, Georgia, Kentucky Mississippi, North Carolina, South Carolina, and Tennessee), which include any recharge zone, streamflow source area, or artesian zone of such SSAs. The most current delineations of these SSAs and their recharge zones are described and depicted on the Region 4 Sole Source Aquifer Webpage, included in **Attachment A** (attached hereto and incorporated herein), and demonstrative maps current as of the signing of this MOU are also included in **Attachment A**.

This MOU is a voluntary agreement that expresses the good-faith intentions of the EPA and HUD, is not intended to be legally binding, does not create any contractual obligations, and is not enforceable by any party. This MOU does not obligate and will not result in an exchange of funds, personnel, property, services, or any kind of financial commitment. This MOU outlines procedures to be followed by HUD in determining which projects should be forwarded to the EPA for review. It also outlines the procedures to be followed and the general criteria the EPA will use in such review.

This MOU does not create any claim, remedy, right, or benefit, substantive or procedural, enforceable by law or equity, by persons who are not a party to this agreement, against HUD or the EPA, their officers or employees, or any other person. This MOU does not apply to any person outside of the EPA and HUD, except that when the environmental review is performed by a Responsible Entity (RE) pursuant to 24 C.F.R. Part 58, HUD will instruct the RE to follow the procedures under this MOU (and any modification thereof by EPA and HUD) during the term of the MOU, unless otherwise instructed by the EPA.

Background

Pursuant to Section 1424(e) of the Safe Drinking Water Act (SDWA), 42 U.S.C. § 300h-3(e), the EPA designated several aquifers located within Region 4 as SSAs because they are the sole or principal drinking water source for their areas and contamination of any of them would create a significant hazard to public health. As such, no commitment for Federal financial assistance may be entered into for any project which the EPA determines may contaminate any of these SSAs so as to create a significant hazard to public health. "Federal financial assistance" includes any financial benefits provided directly as aid to a project by a department, agency, or instrumentality of the Federal government in any form including contracts, grants, and loan guarantees.

HUD administers financial assistance under programs subject to its National Environmental Policy Act (NEPA) implementing regulations in 24 C.F.R. Part 50 (Part 50), Protection and Enhancement of Environmental Quality. HUD is the responsible federal agency for NEPA purposes for these regulations. 24 C.F.R. § 50.4(d) of these regulations requires compliance with Section 1424(e) of the SDWA.

HUD regulations at 24 C.F.R. Part 58 (Part 58), Environmental Review Procedures for Entities Assuming HUD Environmental Responsibilities, set out environmental review procedures that apply when HUD program legislation authorizes the assumption of authority to perform the environmental reviews by REs, which are units of general local government, such as a town, city, or county, or a tribe or state (see 24 C.F.R. 58.1(b) for a list of programs authorized under Part 58). The RE is responsible for the scope and content of the review and making the environmental finding. The certifying officer of the RE, usually the mayor, signs the review and takes legal responsibility for the review. Local governments must assume environmental review responsibility for grants made directly to the local government when legislation permits. They are encouraged to be responsible for the environmental review in cases where the grants are made to other entities, such as nonprofit organizations and public housing authorities; however, HUD will perform the environmental review under 24 C.F.R. Part 50 in such situations if the local government refuses to do so. As in Part 50, 24 C.F.R. § 58.5(d) requires compliance with Section 1424(e) of the SDWA.

Goals

The goals of this MOU are to ensure that each project receiving Federal financial assistance is designed and constructed in a manner that will not contaminate a SSA so as to create a significant hazard to public health, and to formalize the process by which review of Federal financially-assisted projects for impacts to the SSAs is to be coordinated between the EPA and HUD.

HUD Responsibilities for Projects Subject to Part 50

HUD will review projects requesting Federal financial assistance that are subject to the Part 50 regulation to assure that each project located in whole or in part in the SSAs, as depicted on the Region 4 Sole Source Aquifer Webpage, is referred to the EPA Ground Water/UIC/GIS Section for review, as follows:

The EPA and HUD agree that projects of the type listed in **Attachment B**, except those that are also of the type listed in **Attachment C** (attached hereto and incorporated herein), would not normally pose a significant hazard to public health through contamination of a SSA, and generally need not be referred to the EPA for review prior to funding or other HUD assistance.

HUD agrees to refer to the EPA for review the types of projects listed in **Attachment C**, which are located in whole or in part within a SSA and/or its recharge zone. For any of the proposed projects which are of the types listed in **Attachment C**, HUD will ensure that the following information is submitted to the EPA:

1. A copy of appropriate project application documents, such as plans and specifications. Financial documents such as underwriting and credit check should only be included if requested.
2. Project location and its relationship to the SSAs.
3. Description and objective of project or activity, including project design, materials to be used, and any alteration of natural topography.
4. The contact information, including name, address, email address, and telephone number, of the project lead, for any city or county, state, other federal agency involved in the project.
5. Responses to the "Sole Source Aquifer Project Review Information" questions found in **Attachment D** (attached hereto and incorporated herein).

For any projects receiving Federal financial assistance that are located in whole or in part in a SSA and/or its recharge zone and are of a type not listed in either **Attachment B** or **Attachment C**, HUD agrees to contact the Region 4 Sole Source Aquifer Program Coordinator to allow EPA to determine whether a review is required.

Projects Subject to Part 58

For projects located in whole or in part within a SSA and/or its recharge zone, as depicted on the Region 4 Sole Source Aquifer Webpage, it is agreed that projects of the types listed in **Attachment B**, except those that are also of the type listed in **Attachment C**, would not normally pose a significant hazard to public health through contamination of a SSA, and generally need not be referred by REs to the EPA for review prior to receiving funding or other HUD financial assistance.

HUD will inform its Part 58 REs in SSA areas of the exclusions in **Attachment B** and the requirement to seek the EPA's review for the projects of the types listed in **Attachment C** that are located in whole or in part within a SSA or its recharge zone. For projects listed in **Attachment C**, REs will submit the same materials to the EPA that are listed in the section entitled HUD Responsibilities for Projects Subject to Part 50. HUD will also inform its Part 58 REs of the requirement to contact the EPA Region 4 Sole Source Aquifer Program Coordinator to allow the EPA to determine whether a review is required for any projects receiving Federal financial assistance that are located in whole or in part in a SSA and/or its recharge zone and are of a type not listed in either **Attachment B** or **Attachment C**.

EPA Responsibilities

The EPA intends to respond to all projects submitted by HUD or REs for review purposes within 30 calendar days. The EPA reserves the right to seek additional information during the review period, and may request, in writing and orally, additional information and/or additional time for completing its review. If the EPA requests additional information, it intends to review and respond to the project within thirty (30) calendar days of receiving the requested information.

If HUD or the RE does not receive a response within thirty (30) calendar days of submitting the project or the additional information to the EPA, HUD or the RE may send written notice to the designated EPA liaison officer (or its successor) explaining that HUD or the RE has not received a response. If HUD does not receive a written request for additional time or information from the EPA within fourteen (14) calendar days of sending such written notice, HUD may elect to proceed with funding and/or approval of the project. HUD will not commit funds to a project before notifying the EPA that the initial thirty (30) day review period has concluded.

The EPA will notify the HUD liaison officer within thirty (30) days of designating any additional SSAs.

General Procedural Matters

Materials submitted to the EPA under this MOU will be furnished through the EPA Sole Source Aquifer project review website. If unavailable, materials should be furnished either by mail to: ATTN: Region 4 Sole Source Aquifer Program Coordinator, U.S. Environmental Protection Agency Region 4, Water Division, Ground Water, UIC & GIS Section, 61 Forsyth St. SW, Atlanta, Georgia 30303-8960, or by any other means directed by the EPA.

The EPA and HUD will each assign a liaison officer to serve as a central contact point and to be responsible for maintaining communications as to procedures and activities of their respective agency. The liaison officers are:

HUD: Regional Environmental Officer, U.S. Department of Housing and Urban Development, Office of Energy and Environment, 40 Marietta Street, Atlanta, Georgia 30303-2806

EPA: Sole Source Aquifer Program Coordinator, U.S. Environmental Protection Agency Region 4, Water Division, Ground Water, UIC & GIS Section, 61 Forsyth St. SW, Atlanta, Georgia 30303-8960

The liaison officers, accompanied by appropriate staff, will hold meetings as needed to discuss matters of concern related to the SSAs and this MOU. Liaison officers will work together to prioritize and expeditiously resolve outstanding questions and conduct reviews.

Expenses and No Financial Commitment

The EPA and HUD will each bear its own expenses in connection with the preparation, negotiation, and execution of this MOU, and neither party shall be liable to the other party for such expenses. This MOU does not obligate funds, personnel, services, or other resources of any party. Each party acts as an independent party with respect to the performance of duties under this MOU and is not an employee or agent of another party to the MOU.

Publicity

The parties will coordinate all press releases, websites, or other public facing documents with regard to this MOU. Neither party may engage in any such publicity regarding the MOU unless the parties consult in advance on the form, timing, and contents of the publicity.

Modification and Duration

This MOU is to take effect upon signature and remain in effect for a period of five (5) years and may be extended or modified at any time through the mutual written consent of the EPA and HUD. Additionally, either party may terminate its participation in this MOU at any time by providing written notice to the other, at least thirty (30) days in advance of the desired termination date.

Compliance with Applicable Laws

It is understood and agreed by the EPA and HUD, that changes in local, state, and federal rules, regulations or laws applicable hereto, may occur during the term of this MOU and that any such changes are automatically incorporated as of the effective date of the rule, regulation, or law into this MOU without written amendment hereto. The EPA and HUD expressly agree to comply with all applicable federal, state, and local laws.

Confidential Business Information

To carry out the joint activities described in the MOU, HUD, and Part 58 REs may need to disclose proprietary information to the EPA. Proprietary information is defined as information that an affected business claims to be confidential and is not otherwise available to the public. HUD agrees to clearly identify confidential business information disclosed to the EPA in writing, and to clearly memorialize in writing, within a reasonable time, any confidential information initially disclosed orally. The EPA agrees not to disclose, copy, reproduce, or otherwise make available in any form whatsoever to any other person, firm, corporation, partnership association, or other entity information designated as proprietary or confidential information without proper consent, except as such information may be subject to disclosure under the Freedom of Information Act, 5 U.S.C. § 552, and the EPA's regulations at 40 C.F.R. Part 2, or as otherwise authorized by law.

Counterparts and Facsimile Signatures

This MOU may be executed in two or more counterparts, which together shall constitute a single agreement. This MOU may be executed and transmitted to any other party by facsimile, which facsimile shall be deemed to be, and utilized in all respects as, an original executed document.

Entire MOU

This MOU constitutes the complete and entire MOU between the EPA Region 4 and HUD Region 4 regarding EPA review of HUD's proposed Federal financially assisted projects located in whole or in part in the SSAs in the EPA Region 4 and replaces all prior agreements or understandings between the EPA and HUD regarding this subject. The EPA and HUD are not bound by any statement, promise, condition, or stipulation not specifically set forth in this MOU. No representative of HUD or the EPA has the authority to make any oral statements that modify or change the terms and conditions of this MOU.

Signature Page for:

**Memorandum of Understanding Between
The U.S. Environmental Protection Agency Region 4 and
The U.S. Department of Housing and Urban Development Region 4
Regarding the EPA Review of HUD Financed Projects Within Sole Source Aquifers**



Danielle Schopp
Departmental Environmental Clearance Officer
U.S. Department of Housing and Urban Development

7/3/19

Date



Mary S. Walker
Regional Administrator
U.S. Environmental Protection Agency Region 4

6/26/19

Date

ATTACHMENT A

DESIGNATED SOLE SOURCE AQUIFERS IN EPA REGION 4

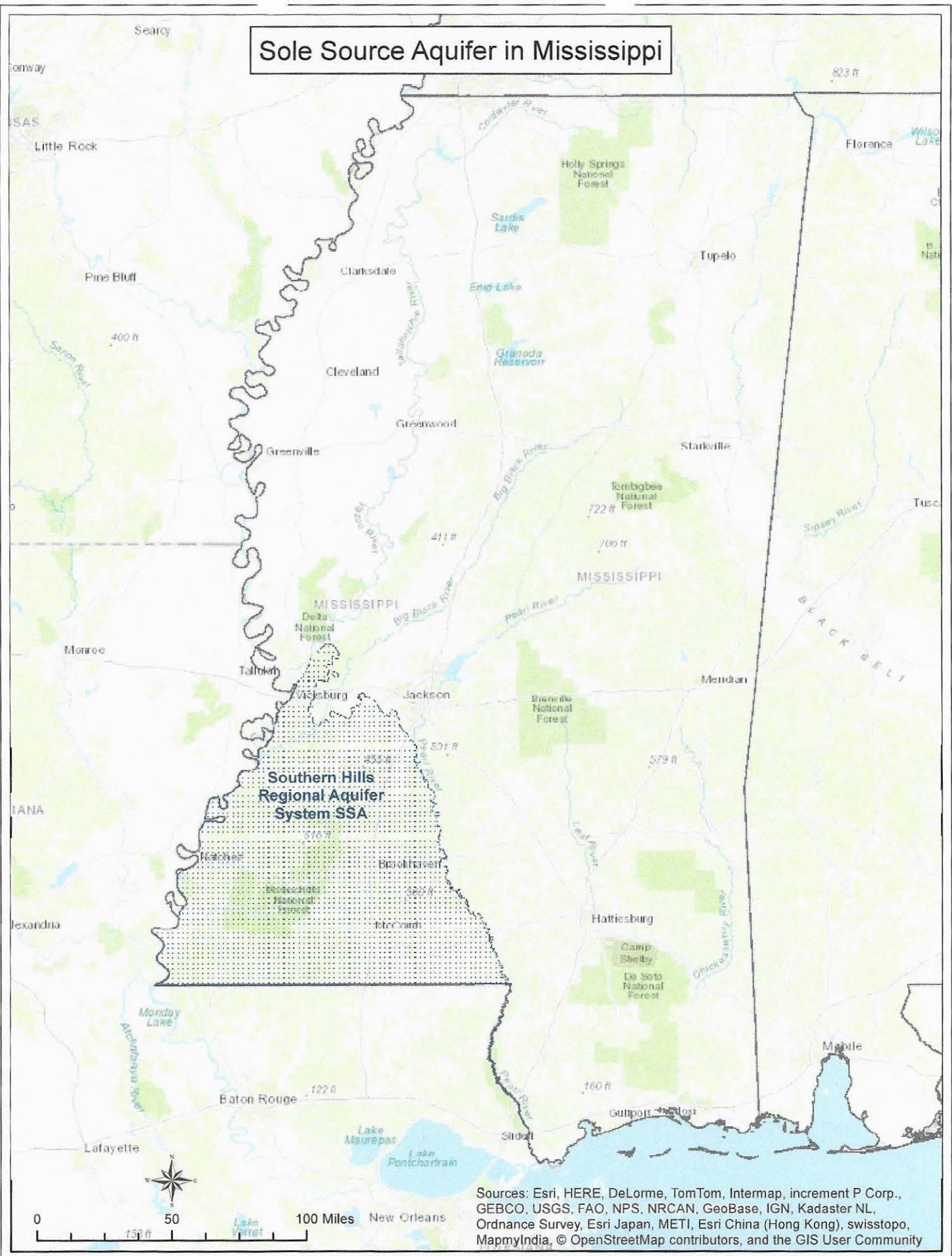
| | |
|-------------------------------|--|
| <u>ALABAMA:</u> | NONE |
| <u>FLORIDA:</u> | 1. Biscayne Aquifer 2. Volusia-Floridan Aquifer |
| <u>GEORGIA:</u> | NONE |
| <u>KENTUCKY:</u> | NONE |
| <u>MISSISSIPPI:</u> | 1. Southern Hills Regional Aquifer System |
| <u>NORTH CAROLINA:</u> | NONE |
| <u>SOUTH CAROLINA:</u> | NONE |
| <u>TENNESSEE:</u> | NONE |

The following maps are for demonstrative purposes only and may not reflect the most updated delineation of the Sole Source Aquifers and their recharge zones. For current maps, please see the EPA Sole Source Aquifer Webpage, located at <https://www.epa.gov/dwssa>

Sole Source Aquifers in EPA Region 4



Sole Source Aquifer in Mississippi



Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Sole Source Aquifers in Florida



Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

ATTACHMENT B

PROJECTS GENERALLY ASSUMED NOT TO POSE A SIGNIFICANT HAZARD TO PUBLIC HEALTH WHICH DO NOT REQUIRE REFERRAL TO THE EPA FOR REVIEW

Listed below are the types of projects which are assumed not to pose a significant hazard to public health through contamination of a SSA, and which will NOT be referred to the EPA for review, unless such projects involve activities listed in **Attachment C** and are not specifically excluded in **Attachment C** from referral to the EPA for review. Notwithstanding the below list, the EPA may determine that any project for which it makes a written request requires review.

1. All projects whose legal boundaries of the subject property are located wholly outside the SSAs and their recharge zones.
2. New construction, acquisition, or rehabilitation of residential housing that involves no more than four dwelling units.
3. Construction, rehabilitation, or modernization of, or additions to, residential, commercial, or industrial projects, public facilities, or land developments that are or will be served by a municipally or publicly owned and/or operated sanitary sewage treatment plant which is operating in compliance with all applicable permits, is within the capacity for which it was designed and is not subject to any local, state, or EPA imposed moratorium.
4. Acquisition of, or financial assistance, including refinancing and providing mortgage insurance and rental assistance for, existing projects, properties, buildings or developments where no alterations, additions, or expansions are to take place, and all expenses listed as operating costs in 24 C.F.R. §§ 50.19(b)(13) and 58.35(b)(3).
5. Funding of public services, planning activities, technical assistance, or training, or payment, repayment, or reimbursement of loans or interest.
6. Sites for which consultation with US Fish & Wildlife Service under the Endangered Species Act, Section 7, has yielded mitigation measures to avoid impacts to karst-dwelling species.

ATTACHMENT C

PROJECTS REQUIRING REFERRAL TO THE EPA FOR REVIEW

- A. The following projects located in whole or in part within the SSAs and/or their discharge zones will be referred to the EPA for review/comment prior to any commitment of Federal financial assistance:
1. Construction or rehabilitation of residential (with the exception of single one-to-four family structures excluded under Attachment B), commercial, or industrial projects, public facilities, or land developments whose sanitation facilities will consist of individual disposal systems such as cesspools, septic tanks with leach fields or seepage areas, pit toilets, or privately-owned sewerage systems including, those owned by a homeowners' association.
 2. Any project or activity for an existing or proposed industrial or recreational facility that manufactures, stores, transports, spreads, or disposes of toxic, noxious, or hazardous chemicals or radioactive materials, including insecticides, fungicides, and fertilizers.
 3. Acquisition, disposition, rehabilitation, or new construction of a site intended as a landfill or other waste storage, transfer, disposal, or treatment facility.
 4. Acquisition, disposition, rehabilitation, or new construction of any facility or operation which disposes of its waste water into dry wells, retention ponds, or methods other than a treatment plant.
 5. Acquisition, disposition, rehabilitation, or new construction of storm water drainage facilities that might contaminate a SSA, significant modifications to existing wetlands, or significant modifications or new construction of shallow injection wells (i.e., dry wells, french drains, sumps, and drain fields).
 6. Any project or activity involved in agricultural activities or related operations employed in the production, raising, processing, and marketing of crops or livestock.
 7. Projects that involve the storage or handling of hazardous or toxic materials or petroleum products, including, but not limited to, aboveground or underground storage tanks, and oil and gas pipelines (other than service lateral extensions for four (4) or fewer residential units, or service lateral extensions where trenching and excavation is no deeper than ten (10) feet below ground surface).
 8. Projects for which a NEPA Environmental Impact Statement (EIS) is required within the SSA and/or its recharge zone.

9. Projects that involve domestic waste not connected to a public sanitary sewer system.
 10. Any other project or activity which HUD determines could be a potential source of contamination to a SSA.
- B. Any project located in whole or in part within the SSAs for which the EPA makes a written request for information will be referred to the EPA for review prior to any commitment of Federal financial assistance.

ATTACHMENT D

SOLE SOURCE AQUIFER PROJECT REVIEW INFORMATION

HUD or the RE will provide the information below at the time of submittal of the project to the EPA in order to assist the EPA's Sole Source Aquifer Program in timely evaluating whether proposed projects have the potential to contaminate a SSA. The EPA may request additional information as necessary.

1. Confirm a SSA project review is needed by answering the following:
 - a. Is any portion of the project or the property(ies) involved located within a designated SSA project review area? A searchable interactive map of designated SSA project review areas is available at <https://www.epa.gov/dwssa>. **If the answer to this question is no, the EPA does not need to review the project under the SSA program.**
 - b. What Federal funding source or Federal financial assistance is being sought or proposed? **If no Federal financial assistance is sought or proposed, the EPA does not need to review the project under the SSA program.**
2. Provide the location of the project, a map of the project, and the name of the SSA(s) within which the project is located. Descriptions and/or maps with the information below would be helpful if available and applicable:
 - a. What is known about local hydrogeology in the project review area (e.g., soil types, depth to groundwater, and groundwater flow direction)?
 - b. Are there any known wells in the project review area (including groundwater wells; shallow injection wells; and oil, geothermal, and mineral exploration wells) and how close are they to the project?
 - c. Are there any wetlands within the project review area? If applicable, describe any discharge to, loss of, or creation of wetlands by the project.
3. Provide a description of the project, including, but not limited to, answers to the applicable questions below:
 - a. Will the project result in any increase of impervious surface (e.g., concrete, asphalt)? If so, what is the area (e.g., square feet or acres)?
 - b. What is the depth of excavation?
 - c. Will any wells be installed or modified as part of the project (of any use type, including groundwater wells; shallow injection wells; and oil, geothermal, and mineral exploration wells)? For new/proposed wells, indicate depth of wells, depth of casing, casing diameter, and, for water wells, the anticipated average and maximum water demand from the wells during normal operation (gallons per minute).
 - d. Are there any deep pilings or foundations (e.g., greater than 10 feet below land surface) that will be installed, modified, or disturbed during the project?

4. Describe storm water management for the project area, including, but not limited to, answers to the applicable questions below:
 - a. Will the project require the use of shallow injection wells (i.e., dry wells, french drains, sumps, and drainfields)? **If the answer to this question is yes, please provide EPA with an explanation as to why these shallow injection wells are required.**
 - b. How will storm water be managed on this site during construction and after the project is complete, including treatment if applicable?
5. Describe chemical use and storage associated with the project, including, but not limited to, answers to the applicable questions below:
 - a. Will quantities of hazardous chemicals or petroleum above routine household quantities be used or stored in the project review area?
 - b. Are there any above ground storage tanks or underground storage tanks present or to be installed? Fuel tanks are often involved in projects that include generators and/or pump stations. If applicable, include details of such tanks, including spill containment and spill response plans.
6. Describe waste management related to the project, including, but not limited to, answers to the applicable questions below:
 - a. Will any liquid or solid waste be generated during construction (e.g., construction/drilling fluids, excavation dewatering fluids, or demolition debris)? If so, how will it be managed?
 - b. How will liquid or solid waste be managed after project completion, other than routine quantities of household wastes to a permitted sanitary landfill or publicly-owned treatment works (e.g., describe any on-site treatment/disposal, industrial wastewater, or other waste generation)? If applicable, provide details about any individual disposal systems such as cesspools, septic tanks with leach fields or seepage areas, pit toilets, or privately-owned sewerage systems, including those owned by a homeowners' association.
 - c. Are there any known brownfield or hazardous waste sites in close proximity to the project review area (e.g., sites listed on the EPA National Priorities List [i.e., Superfund sites], state-designated brownfield or clean-up sites)? Do any such contaminated sites have underground contamination plumes, monitoring wells, or soil contamination that may be disturbed by the project? Include details such as the name(s) and location(s) of the brownfield or hazardous waste site(s).
 - d. For agricultural projects involving animals, how will animal wastes be managed?
 - e. For burial of flocks or disposal of animals, what Best Management Practices ("BMPs") are planned to protect the SSA from contamination?

7. Provide any other available information that could be helpful in determining if this project may potentially create a significant hazard to public health through contamination of a SSA, including, but not limited to, answers to the applicable questions below:
- a. Are BMPs planned to address any possible risks or concerns? If so, which BMPs will be used?
 - b. Does the project include any improvements that may be beneficial to any SSA, such as improvements to the publicly-owned treatment works?
 - c. Are any previous environmental assessments available regarding the project or project area?

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Monday, June 08, 2020 11:28 AM
To: Chris.Stahl@dep.state.fl.us
Subject: Putnam County St. Johns Avenue Drainage CDBG Distaster Recovery HM007 - Finding of No Significant Impact (FONSI)
Attachments: NOI RROF Notice.docx; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

Dear Mr. Stahl:

An Environmental Assessment on a project funded under the Small Cities Community Development Block Grant (CDBG) program has been performed for Putnam County, Florida.

A Finding of No Significant Impact (FONSI) upon the environment has been determined appropriate.

In compliance with instructions from the Florida Department of Economic Opportunity, the funding agency, this email provides a copy of the notice that was advertised in the appropriate newspaper for the Town along with corresponding maps. A Notice of Finding of No Significant Impact and Notice of Intent to Request Release of Funds are in progress for the above project.

Please notify this office if you have any comments. Non-responses are assumed to mean that no comments are warranted.

Thank you,
Scott Modesitt

*J. Scott Modesitt, President
Summit Professionals, Inc.
PO 7300
Brandon, Florida 33508
Phone: (813) 685-4585
Mobile: (850) 570-1506
scottm@summitpros.com*

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Monday, June 08, 2020 12:16 PM
To: Jason.aldridge@dos.myflorida.com
Subject: Putnam County St. Johns Avenue Drainage CDBG Distaster Recovery HM007 - Finding of No Significant Impact (FONSI)
Attachments: NOI RROF Notice.docx; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

Dear Mr. Aldridge:

An Environmental Assessment on a project funded under the Small Cities Community Development Block Grant (CDBG) program has been performed for Putnam County, Florida.

A Finding of No Significant Impact (FONSI) upon the environment has been determined appropriate.

In compliance with instructions from the Florida Department of Economic Opportunity, the funding agency, this email provides a copy of the notice that was advertised in the appropriate newspaper for the Town along with corresponding maps. A Notice of Finding of No Significant Impact and Notice of Intent to Request Release of Funds are in progress for the above project.

Please notify this office if you have any comments. Non-responses are assumed to mean that no comments are warranted.

Thank you,
Scott Modesitt

*J. Scott Modesitt, President
Summit Professionals, Inc.
PO 7300
Brandon, Florida 33508
Phone: (813) 685-4585
Mobile: (850) 570-1506
scottm@summitpros.com*

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Tuesday, June 16, 2020 8:35 AM
To: section106@mcn-nsn.gov
Subject: Putnam County St. Johns Avenue Drainage CDBG Distaster Recovery HM007 - Finding of No Significant Impact (FONSI)
Attachments: NOI RROF Notice.docx; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

RaeLynn Butler
THPO
Muscogee (Creek) Nation

Dear Ms. Butler:

An Environmental Assessment on a project funded under the Small Cities Community Development Block Grant (CDBG) program has been performed for Putnam County, Florida.

A Finding of No Significant Impact (FONSI) upon the environment has been determined appropriate.

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Thank you,
Scott Modesitt

*J. Scott Modesitt, President
Summit Professionals, Inc.
PO 7300
Brandon, Florida 33508
Phone: (813) 685-4585
Mobile: (850) 570-1506
scottm@summitpros.com*

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Tuesday, June 16, 2020 8:47 AM
To: kevind@miccosukeetribe.com
Subject: Putnam County St. Johns Avenue Drainage CDBG Disaster Recovery HM007 - Finding of No Significant Impact (FONSI)
Attachments: NOI RROF Notice.docx; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

Mr. Kevin Donaldson
Environmental Specialist
Miccosukee Tribe of Indians of Florida
Tamiami Station
P.O. Box 440021
Miami, Florida 33144

Dear Mr. Donaldson:

An Environmental Assessment on a project funded under the Small Cities Community Development Block Grant (CDBG) program has been performed for Putnam County, Florida.

A Finding of No Significant Impact (FONSI) upon the environment has been determined appropriate.

In compliance with instructions from the Florida Department of Economic Opportunity, the funding agency, this email provides a copy of the notice that was advertised in the appropriate newspaper for the County along with corresponding maps. A Notice of Finding of No Significant Impact and Notice of Intent to Request Release of Funds are in progress for the above project.

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Thank you,
Scott Modesitt

*J. Scott Modesitt, President
Summit Professionals, Inc.
PO 7300
Brandon, Florida 33508
Phone: (813) 685-4585
Mobile: (850) 570-1506
scottm@summitpros.com*

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Tuesday, June 16, 2020 8:44 AM
To: llangley@coushattatribela.org
Subject: Putnam County St. Johns Avenue Drainage CDBG Distaster Recovery HM007 - Finding of No Significant Impact (FONSI)
Attachments: NOI RROF Notice.docx; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

Linda Langley, THPO
Coushatta Tribe of Louisiana

Dear THPO Langley:
An Environmental Assessment on a project funded under the Small Cities Community Development Block Grant (CDBG) program has been performed for Putnam County, Florida.

A Finding of No Significant Impact (FONSI) upon the environment has been determined appropriate.

In compliance with instructions from the Florida Department of Economic Opportunity, the funding agency, this email provides a copy of the notice that was advertised in the appropriate newspaper for the County along with corresponding maps. A Notice of Finding of No Significant Impact and Notice of Intent to Request Release of Funds are in progress for the above project.

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Thank you,
Scott Modesitt

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Summit Professionals, Inc.
PO 7300
Brandon, Florida 33508
Phone: (813) 685-4585
Mobile: (850) 570-1506
scottm@summitpros.com*

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Tuesday, June 16, 2020 8:43 AM
To: dsickey@coushatta.org
Subject: Putnam County St. Johns Avenue Drainage CDBG Distaster Recovery HM007 - Finding of No Significant Impact (FONSI)
Attachments: NOI RROF Notice.docx; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

David Sickey, Chairman
Coushatta Tribe of Louisiana

Dear Chairman Sickey:

An Environmental Assessment on a project funded under the Small Cities Community Development Block Grant (CDBG) program has been performed for Putnam County, Florida.

A Finding of No Significant Impact (FONSI) upon the environment has been determined appropriate.

In compliance with instructions from the Florida Department of Economic Opportunity, the funding agency, this email provides a copy of the notice that was advertised in the appropriate newspaper for the County along with corresponding maps. A Notice of Finding of No Significant Impact and Notice of Intent to Request Release of Funds are in progress for the above project.

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Thank you,
Scott Modesitt

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Summit Professionals, Inc.
PO 7300
Brandon, Florida 33508
Phone: (813) 685-4585
Mobile: (850) 570-1506
scottm@summitpros.com*

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Tuesday, June 16, 2020 8:41 AM
To: HopeL@miccosukeetribe.com
Subject: Putnam County St. Johns Avenue Drainage CDBG Distaster Recovery HM007 - Finding of No Significant Impact (FONSI)
Attachments: NOI RROF Notice.docx; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

Colley Billie, Chairperson
Miccosukee Tribe of Indians

Dear Chairperson Billie:

An Environmental Assessment on a project funded under the Small Cities Community Development Block Grant (CDBG) program has been performed for Putnam County, Florida.

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In compliance with instructions from the Florida Department of Economic Opportunity, the funding agency, this email provides a copy of the notice that was advertised in the appropriate newspaper for the County along with corresponding maps. A Notice of Finding of No Significant Impact and Notice of Intent to Request Release of Funds are in progress for the above project.

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Thank you,
Scott Modesitt

*J. Scott Modesitt, President
Summit Professionals, Inc.
PO 7300
Brandon, Florida 33508
Phone: (813) 685-4585
Mobile: (850) 570-1506
scottm@summitpros.com*

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Tuesday, June 16, 2020 8:37 AM
To: jfloyd@mcn-nsn.gov
Subject: Putnam County St. Johns Avenue Drainage CDBG Distaster Recovery HM007 - Finding of No Significant Impact (FONSI)
Attachments: NOI RROF Notice.docx; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

James Floyd, Principal Chief
Muscogee (Creek) Nation

Dear Chief Floyd:

An Environmental Assessment on a project funded under the Small Cities Community Development Block Grant (CDBG) program has been performed for Putnam County, Florida.

A Finding of No Significant Impact (FONSI) upon the environment has been determined appropriate.

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Thank you,
Scott Modesitt

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Summit Professionals, Inc.
PO 7300
Brandon, Florida 33508
Phone: (813) 685-4585
Mobile: (850) 570-1506
scottm@summitpros.com*

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Tuesday, June 16, 2020 8:59 AM
To: epayne@nefrc.org
Subject: Putnam County St. Johns Avenue Drainage CDBG Distaster Recovery HM007 - Finding of No Significant Impact (FONSI)
Attachments: NOI RROF Notice.docx; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

Beth Payne
100 Festival Park Avenue
Jacksonville, FL 32202

Dear Ms. Payne:

An Environmental Assessment on a project funded under the Small Cities Community Development Block Grant (CDBG) program has been performed for Putnam County, Florida.

A Finding of No Significant Impact (FONSI) upon the environment has been determined appropriate.

In compliance with instructions from the Florida Department of Economic Opportunity, the funding agency, this email provides a copy of the notice that was advertised in the appropriate newspaper for the County along with corresponding maps. A Notice of Finding of No Significant Impact and Notice of Intent to Request Release of Funds are in progress for the above project.

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Thank you,
Scott Modesitt

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Summit Professionals, Inc.
PO 7300
Brandon, Florida 33508
Phone: (813) 685-4585
Mobile: (850) 570-1506
scottm@summitpros.com*

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Tuesday, June 16, 2020 9:00 AM
To: Davis.Molly@epa.gov
Subject: Putnam County St. Johns Avenue Drainage CDBG Distaster Recovery HM007 - Finding of No Significant Impact (FONSI)
Attachments: NOI RROF Notice.docx; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

U.S. Environmental Protection Agency
Region 4
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta, GA 30303-8960
Attn: Molly Davis
NEPA Program Office

Dear Ms. Davis:

An Environmental Assessment on a project funded under the Small Cities Community Development Block Grant (CDBG) program has been performed for Putnam County, Florida.

A Finding of No Significant Impact (FONSI) upon the environment has been determined appropriate.

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Thank you,
Scott Modesitt

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Summit Professionals, Inc.
PO 7300
Brandon, Florida 33508
Phone: (813) 685-4585
Mobile: (850) 570-1506
scottm@summitpros.com*

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Tuesday, June 16, 2020 9:37 AM
To: cole.larry@epa.gov
Subject: Putnam County St. Johns Avenue Drainage CDBG Distaster Recovery HM007 - Finding of No Significant Impact (FONSI)
Attachments: NOI RROF Notice.docx; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

U.S. Environmental Protection Agency
Region 4, Water Protection Division
Ground Water and UIC Section
Samm Nunn Atlanta Federal Center
61 Forsyth Street
Atlanta, GA 30303
Attn: Larry Cole

Dear Mr. Cole:

An Environmental Assessment on a project funded under the Small Cities Community Development Block Grant (CDBG) program has been performed for Putnam County, Florida.

A Finding of No Significant Impact (FONSI) upon the environment has been determined appropriate.

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Thank you,
Scott Modesitt

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Summit Professionals, Inc.
PO 7300
Brandon, Florida 33508
Phone: (813) 685-4585
Mobile: (850) 570-1506
scottm@summitpros.com*

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Tuesday, June 16, 2020 11:45 AM
To: rick.a.robbs@fl.usda.gov
Subject: Putnam County St. Johns Avenue Drainage CDBG Distaster Recovery HM007 - Finding of No Significant Impact (FONSI)
Attachments: NOI RROF Notice.docx; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

U.S. Department of Agriculture
Natural Resources Conservation Service
2614 NW 43rd Street
Gainesville, FL 32606
(352) 338-9536
Attn: Rick Robbins

Dear Mr. Robbins:

An Environmental Assessment on a project funded under the Small Cities Community Development Block Grant (CDBG) program has been performed for Putnam County, Florida.

A Finding of No Significant Impact (FONSI) upon the environment has been determined appropriate.

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Thank you,
Scott Modesitt

*J. Scott Modesitt, President
Summit Professionals, Inc.
PO 7300
Brandon, Florida 33508
Phone: (813) 685-4585
Mobile: (850) 570-1506
scottm@summitpros.com*

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Tuesday, June 16, 2020 11:47 AM
To: mark.r.evans@usace.army.mil
Subject: Putnam County St. Johns Avenue Drainage CDBG Distaster Recovery HM007 - Finding of No Significant Impact (FONSI)
Attachments: NOI RROF Notice.docx; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

U.S. Army Corps of Engineers
Jacksonville District
Attn: SAJRD
P.O. Box 4970
701 San Marco Blvd
Jacksonville, FL 32207
Attn: Mark Evans, Regulatory Section

Dear Mr. Evans:

An Environmental Assessment on a project funded under the Small Cities Community Development Block Grant (CDBG) program has been performed for Putnam County, Florida.

A Finding of No Significant Impact (FONSI) upon the environment has been determined appropriate.

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Thank you,
Scott Modesitt

*J. Scott Modesitt, President
Summit Professionals, Inc.
PO 7300
Brandon, Florida 33508
Phone: (813) 685-4585
Mobile: (850) 570-1506
scottm@summitpros.com*



DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
POST OFFICE BOX 4970
JACKSONVILLE, FLORIDA 32232-0019

REPLY TO
ATTENTION OF

June 16, 2020

Regulatory Division
North Permits Branch
Jacksonville Permits Section

Mr. J. Scott Modesitt
Summit Professionals, Incorporated
Post Office Box 7300
Brandon, Florida 33508

Sent via: scottm@summitpros.com

Dear Mr. Modesitt:

Reference is made to correspondence from you received June 16, 2020, regarding work proposed by Putnam County. The information submitted identified work associated with improvements to St. Johns Avenue through a Small Cities Community Development Block Grant. The information submitted did not indicate that the work would affect waters of the United States, which can include wetlands.

If any of portion of the project incorporates work that would adversely affect waters of the United States, which can include wetlands, Department of the Army authorization would be required prior to the implementation of such work.

If the project does not adversely affect waters of the United States (including wetlands), the Corps concludes that the work would not be environmentally detrimental to resources within our purview, if the work is implemented with standard best management practices.

If you have any questions concerning this action, you may contact me in writing at the letterhead address, by electronic mail at mark.r.evans@usace.army.mil, or by telephone at 904-232-2028.

Sincerely,

A handwritten signature in blue ink, reading "Mark R. Evans", is written over a horizontal line.

Mark R. Evans
Senior Project Manager

Copy Furnished:

Mr. Terry Turner – Putnam County BOCC (terry.turner@putnam-fl.com)

From: [Joseph Scott Modesitt](#)
To: [Evans, Mark R CIV USARMY CESAJ \(US\)](#)
Subject: [Non-DoD Source] Putnam County St. Johns Avenue Drainage CDBG Disaster Recovery HM007 - Finding of No Significant Impact (FONSI)
Date: Tuesday, June 16, 2020 11:54:42 AM
Attachments: [NOI RROF Notice.docx](#)
[St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf](#)

U.S. Army Corps of Engineers
Jacksonville District
Attn: SAJRD
P.O. Box 4970
701 San Marco Blvd
Jacksonville, FL 32207
Attn: Mark Evans, Regulatory Section

Dear Mr. Evans:

An Environmental Assessment on a project funded under the Small Cities Community Development Block Grant (CDBG) program has been performed for Putnam County, Florida.

A Finding of No Significant Impact (FONSI) upon the environment has been determined appropriate.

In compliance with instructions from the Florida Department of Economic Opportunity, the funding agency, this email provides a copy of the notice that was advertised in the appropriate newspaper for the County along with corresponding maps. A Notice of Finding of No Significant Impact and Notice of Intent to Request Release of Funds are in progress for the above project.

Please notify this office if you have any comments. Non-responses are assumed to mean that no comments are warranted.

Thank you,
Scott Modesitt

J. Scott Modesitt, President
Summit Professionals, Inc.
PO 7300
Brandon, Florida 33508
Phone: (813) 685-4585
Mobile: (850) 570-1506
scottm@summitpros.com

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Tuesday, June 16, 2020 11:48 AM
To: quin.romay@putnam-fl.com
Subject: Putnam County St. Johns Avenue Drainage CDBG Distaster Recovery HM007 - Finding of No Significant Impact (FONSI)
Attachments: NOI RROF Notice.docx; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

Mr. Quin Romay:

An Environmental Assessment on a project funded under the Small Cities Community Development Block Grant (CDBG) program has been performed for Putnam County, Florida.

A Finding of No Significant Impact (FONSI) upon the environment has been determined appropriate.

In compliance with instructions from the Florida Department of Economic Opportunity, the funding agency, this email provides a copy of the notice that was advertised in the appropriate newspaper for the County along with corresponding maps. A Notice of Finding of No Significant Impact and Notice of Intent to Request Release of Funds are in progress for the above project.

Please notify this office if you have any comments. Non-responses are assumed to mean that no comments are warranted.

Thank you,
Scott Modesitt

*J. Scott Modesitt, President
Summit Professionals, Inc.
PO 7300
Brandon, Florida 33508
Phone: (813) 685-4585
Mobile: (850) 570-1506
scottm@summitpros.com*

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Tuesday, June 16, 2020 11:49 AM
To: HDeLoach@putnamsheriff.org
Subject: Putnam County St. Johns Avenue Drainage CDBG Distaster Recovery HM007 - Finding of No Significant Impact (FONSI)
Attachments: NOI RROF Notice.docx; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

The Honorable Homer "Gator" DeLoach, III, Sheriff
Putnam County, Florida

Dear Sheriff DeLoach:

An Environmental Assessment on a project funded under the Small Cities Community Development Block Grant (CDBG) program has been performed for Putnam County, Florida.

A Finding of No Significant Impact (FONSI) upon the environment has been determined appropriate.

In compliance with instructions from the Florida Department of Economic Opportunity, the funding agency, this email provides a copy of the notice that was advertised in the appropriate newspaper for the County along with corresponding maps. A Notice of Finding of No Significant Impact and Notice of Intent to Request Release of Funds are in progress for the above project.

Please notify this office if you have any comments. Non-responses are assumed to mean that no comments are warranted.

Thank you,
Scott Modesitt

*J. Scott Modesitt, President
Summit Professionals, Inc.
PO 7300
Brandon, Florida 33508
Phone: (813) 685-4585
Mobile: (850) 570-1506
scottm@summitpros.com*

Joseph Scott Modesitt

From: Joseph Scott Modesitt
Sent: Tuesday, June 16, 2020 11:51 AM
To: jpappas@palatka-fl.gov
Subject: Putnam County St. Johns Avenue Drainage CDBG Distaster Recovery HM007 - Finding of No Significant Impact (FONSI)
Attachments: NOI RROF Notice.docx; St. Johns Avenue from CR 309C to SR 19 layout 01222020.pdf

Dear Ms. Pappas:

An Environmental Assessment on a project funded under the Small Cities Community Development Block Grant (CDBG) program has been performed for Putnam County, Florida.

A Finding of No Significant Impact (FONSI) upon the environment has been determined appropriate.

In compliance with instructions from the Florida Department of Economic Opportunity, the funding agency, this email provides a copy of the notice that was advertised in the appropriate newspaper for the County along with corresponding maps. A Notice of Finding of No Significant Impact and Notice of Intent to Request Release of Funds are in progress for the above project.

Please notify this office if you have any comments. Non-responses are assumed to mean that no comments are warranted.

Thank you,
Scott Modesitt

*J. Scott Modesitt, President
Summit Professionals, Inc.
PO 7300
Brandon, Florida 33508
Phone: (813) 685-4585
Mobile: (850) 570-1506
scottm@summitpros.com*

APPENDIX C
NRCS SOILS REPORT



United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for **Putnam County Area, Florida**

St, Johns Avenue Drainage Project



June 17, 2020

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

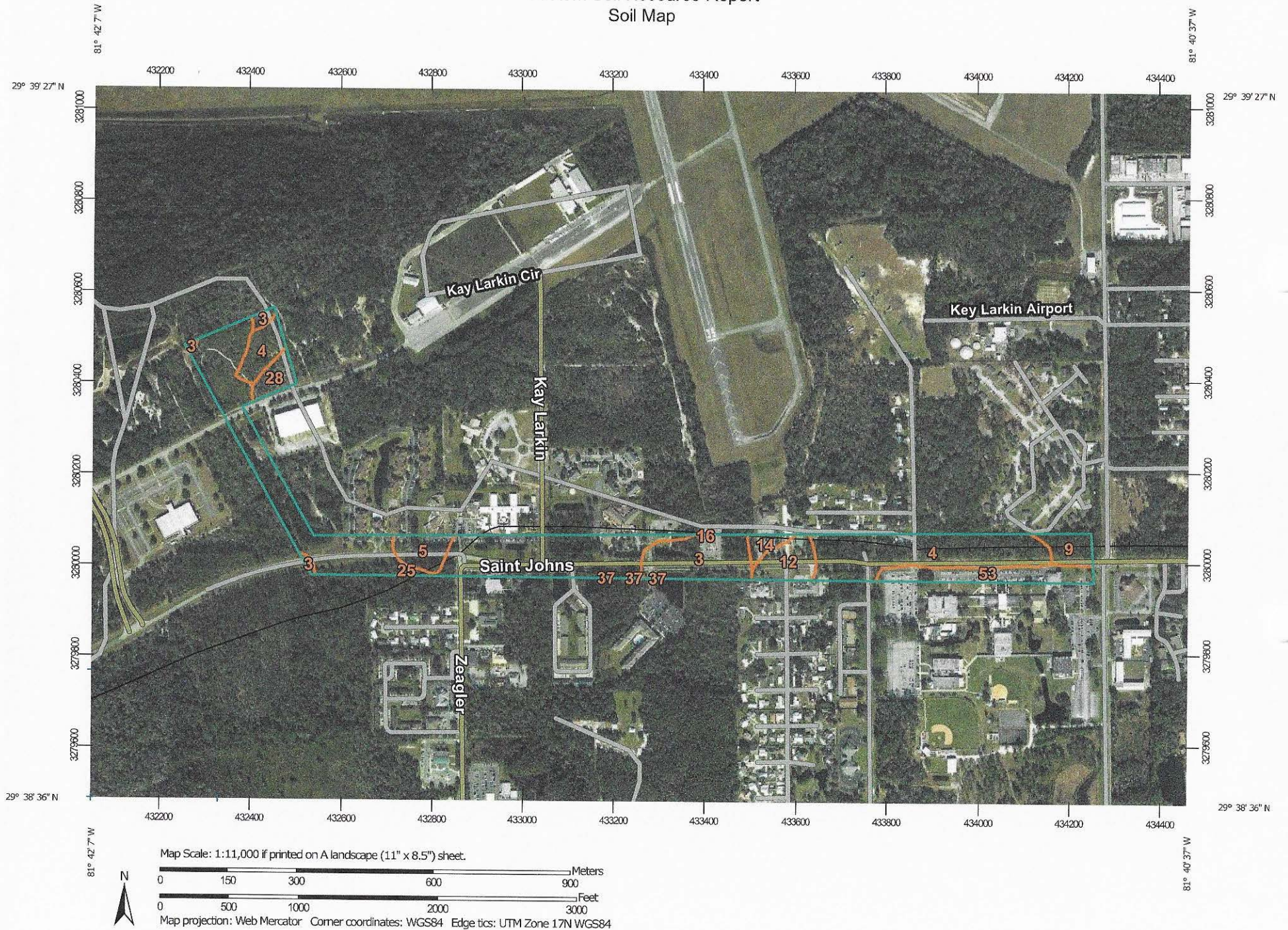
Custom Soil Resource Report

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map


The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report Soil Map



MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils


 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features

 Blowout

 Borrow Pit


 Clay Spot


 Closed Depression

 Gravel Pit

 Gravelly Spot


 Landfill

 Lava Flow


 Marsh or swamp


 Mine or Quarry

 Miscellaneous Water

 Perennial Water


 Rock Outcrop


 Saline Spot

 Sandy Spot

 Severely Eroded Spot


 Sinkhole


 Slide or Slip


 Sodic Spot


 Spoil Area

 Stony Spot


 Very Stony Spot

 Wet Spot

 Other

 Special Line Features


Water Features

 Streams and Canals


Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Putnam County Area, Florida

Survey Area Data: Version 17, Sep 17, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 6, 2019—Feb 25, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
|------------------------------------|--|--------------|----------------|
| 3 | Myakka-Myakka, wet, fine sands, 0 to 2 percent slopes | 5.9 | 10.9% |
| 4 | Zolfo fine sand, 0 to 2 percent slopes | 12.3 | 22.8% |
| 5 | Placid fine sand, frequently ponded, 0 to 1 percent slopes | 2.1 | 3.9% |
| 9 | Pomona fine sand | 1.7 | 3.2% |
| 12 | Electra fine sand | 2.6 | 4.8% |
| 14 | Cassia fine sand, 0 to 2 percent slopes | 0.9 | 1.7% |
| 16 | Adamsville sand, 0 to 2 percent slopes | 0.0 | 0.0% |
| 25 | Narcoossee fine sand, 0 to 2 percent slopes | 23.0 | 42.5% |
| 28 | Centenary fine sand | 1.4 | 2.7% |
| 37 | Ona-Ona, wet, fine sand, 0 to 2 percent slopes | 0.0 | 0.1% |
| 53 | Zolfo-Urban land complex | 4.1 | 7.5% |
| Totals for Area of Interest | | 54.1 | 100.0% |

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different

management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Putnam County Area, Florida

3—Myakka-Myakka, wet, fine sands, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 2tw7

Elevation: 0 to 160 feet

Mean annual precipitation: 38 to 68 inches

Mean annual air temperature: 68 to 77 degrees F

Frost-free period: 310 to 365 days

Farmland classification: Not prime farmland

Map Unit Composition

Myakka and similar soils: 70 percent

Myakka, wet, and similar soils: 15 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Myakka

Setting

Landform: Flatwoods on marine terraces

Landform position (three-dimensional): Tread, talf

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Sandy marine deposits

Typical profile

A - 0 to 6 inches: fine sand

E - 6 to 20 inches: fine sand

Bh - 20 to 36 inches: fine sand

C - 36 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Poorly drained

Runoff class: Very high

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 5.95 in/hr)

Depth to water table: About 6 to 18 inches

Frequency of flooding: None

Frequency of ponding: None

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum in profile: 4.0

Available water storage in profile: Low (about 3.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4w

Hydrologic Soil Group: A/D

Forage suitability group: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Other vegetative classification: South Florida Flatwoods (R155XY003FL)

Custom Soil Resource Report

Hydric soil rating: No

Description of Myakka, Wet

Setting

Landform: Flatwoods on marine terraces
Landform position (three-dimensional): Tread, tal
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Sandy marine deposits

Typical profile

A - 0 to 6 inches: fine sand
E - 6 to 20 inches: fine sand
Bh - 20 to 36 inches: fine sand
C - 36 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Poorly drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 5.95 in/hr)
Depth to water table: About 3 to 18 inches
Frequency of flooding: None
Frequency of ponding: None
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 4.0
Available water storage in profile: Low (about 3.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4w
Hydrologic Soil Group: A/D
Forage suitability group: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)
Other vegetative classification: South Florida Flatwoods (R155XY003FL)
Hydric soil rating: Yes

Minor Components

Placid

Percent of map unit: 5 percent
Landform: Drainageways on marine terraces, depressions on marine terraces
Landform position (three-dimensional): Tread, dip
Down-slope shape: Concave
Across-slope shape: Concave
Other vegetative classification: Freshwater Marshes and Ponds (R155XY010FL)
Hydric soil rating: Yes

Eaugallie

Percent of map unit: 5 percent
Landform: — error in exists on —
Landform position (three-dimensional): Tread, tal
Down-slope shape: Convex

Across-slope shape: Linear

Ecological site: South Florida Flatwoods (R155XY003FL)

Other vegetative classification: South Florida Flatwoods (R155XY003FL)

Hydric soil rating: No

Basinger

Percent of map unit: 5 percent

Landform: Drainageways on marine terraces, flats on marine terraces

Landform position (three-dimensional): Tread, dip, talf

Down-slope shape: Concave, convex

Across-slope shape: Concave, linear

Other vegetative classification: Slough (R155XY011FL)

Hydric soil rating: Yes

4—Zolfo fine sand, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 2w0q1

Elevation: 30 to 160 feet

Mean annual precipitation: 44 to 56 inches

Mean annual air temperature: 68 to 77 degrees F

Frost-free period: 350 to 365 days

Farmland classification: Not prime farmland

Map Unit Composition

Zolfo and similar soils: 85 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Zolfo

Setting

Landform: Flatwoods on marine terraces, rises on marine terraces

Landform position (two-dimensional): Summit

Landform position (three-dimensional): Tread, rise

Down-slope shape: Linear, convex

Across-slope shape: Linear

Parent material: Sandy marine deposits

Typical profile

A - 0 to 5 inches: fine sand

E - 5 to 59 inches: fine sand

Bh - 59 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Somewhat poorly drained

Runoff class: Very low

Ecological site: Slough (R155XY011FL)

Other vegetative classification: Slough (R155XY011FL)

Hydric soil rating: Yes

5—Placid fine sand, frequently ponded, 0 to 1 percent slopes

Map Unit Setting

National map unit symbol: 2ttx9

Elevation: 0 to 160 feet

Mean annual precipitation: 44 to 61 inches

Mean annual air temperature: 70 to 77 degrees F

Frost-free period: 350 to 365 days

Farmland classification: Not prime farmland

Map Unit Composition

Placid and similar soils: 80 percent

Minor components: 20 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Placid

Setting

Landform: Depressions on marine terraces

Landform position (three-dimensional): Tread, dip

Down-slope shape: Concave

Across-slope shape: Concave

Parent material: Sandy marine deposits

Typical profile

A - 0 to 24 inches: fine sand

Cg - 24 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Very poorly drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)

Depth to water table: About 0 inches

Frequency of flooding: None

Frequency of ponding: Frequent

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum in profile: 4.0

Available water storage in profile: Low (about 4.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7w

Hydrologic Soil Group: A/D

Custom Soil Resource Report

Forage suitability group: Sandy soils on stream terraces, flood plains, or in depressions (G155XB145FL)

Other vegetative classification: Freshwater Marshes and Ponds (R155XY010FL)

Hydric soil rating: Yes

Minor Components

Basinger

Percent of map unit: 7 percent

Landform: Depressions on marine terraces

Landform position (three-dimensional): Tread, dip

Down-slope shape: Linear, concave

Across-slope shape: Linear, concave

Hydric soil rating: Yes

Myakka

Percent of map unit: 5 percent

Landform: Drainageways on flatwoods on marine terraces

Landform position (three-dimensional): Tread, talf, dip

Down-slope shape: Linear

Across-slope shape: Linear, concave

Other vegetative classification: South Florida Flatwoods (R155XY003FL)

Hydric soil rating: No

Samsula

Percent of map unit: 3 percent

Landform: Depressions on marine terraces

Landform position (three-dimensional): Tread, dip

Down-slope shape: Concave

Across-slope shape: Concave

Other vegetative classification: Freshwater Marshes and Ponds (R155XY010FL)

Hydric soil rating: Yes

Gentry

Percent of map unit: 3 percent

Landform: Depressions on marine terraces

Landform position (three-dimensional): Tread, dip

Down-slope shape: Concave

Across-slope shape: Concave

Other vegetative classification: Freshwater Marshes and Ponds (R155XY010FL)

Hydric soil rating: Yes

Felda

Percent of map unit: 2 percent

Landform: Flatwoods on marine terraces, drainageways on marine terraces

Landform position (three-dimensional): Tread, talf, dip

Down-slope shape: Linear

Across-slope shape: Linear, concave

Ecological site: Slough (R155XY011FL)

Other vegetative classification: Slough (R155XY011FL)

Hydric soil rating: Yes

9—Pomona fine sand

Map Unit Setting

National map unit symbol: bvkf
Elevation: 20 to 120 feet
Mean annual precipitation: 46 to 54 inches
Mean annual air temperature: 68 to 75 degrees F
Frost-free period: 304 to 334 days
Farmland classification: Not prime farmland

Map Unit Composition

Pomona, non-hydric, and similar soils: 75 percent
Pomona, hydric, and similar soils: 10 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pomona, Non-hydric

Setting

Landform: Flatwoods on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Sandy and loamy marine deposits

Typical profile

A - 0 to 6 inches: fine sand
E - 6 to 20 inches: fine sand
Bh - 20 to 28 inches: loamy fine sand
E' - 28 to 42 inches: fine sand
Btg - 42 to 80 inches: fine sandy loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Poorly drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.20 to 1.98 in/hr)
Depth to water table: About 6 to 18 inches
Frequency of flooding: None
Frequency of ponding: None
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 4.0
Available water storage in profile: Moderate (about 6.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4w

Custom Soil Resource Report

Hydrologic Soil Group: A/D

Forage suitability group: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Other vegetative classification: North Florida Flatwoods (R154XY004FL)

Hydric soil rating: No

Description of Pomona, Hydric

Setting

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy and loamy marine deposits

Typical profile

A - 0 to 6 inches: fine sand

E - 6 to 20 inches: fine sand

Bh - 20 to 28 inches: loamy fine sand

E' - 28 to 42 inches: fine sand

Btg - 42 to 80 inches: fine sandy loam

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Poorly drained

Runoff class: Very low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.20 to 1.98 in/hr)

Depth to water table: About 0 to 6 inches

Frequency of flooding: None

Frequency of ponding: None

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum in profile: 4.0

Available water storage in profile: Moderate (about 6.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4w

Hydrologic Soil Group: A/D

Forage suitability group: Sandy soils on flats of mesic or hydric lowlands (G155XB141FL)

Other vegetative classification: North Florida Flatwoods (R154XY004FL)

Hydric soil rating: Yes

Minor Components

Pomona, depressional

Percent of map unit: 5 percent

Landform: Depressions on marine terraces

Landform position (three-dimensional): Dip

Down-slope shape: Concave

Across-slope shape: Concave

Other vegetative classification: Freshwater Marshes and Ponds (R154XY010FL)

Hydric soil rating: Yes

Myakka, non-hydric

Percent of map unit: 4 percent
Landform: Flatwoods on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: North Florida Flatwoods (R154XY004FL)
Hydric soil rating: No

Wauchula, non-hydric

Percent of map unit: 3 percent
Landform: Flatwoods on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: North Florida Flatwoods (R154XY004FL)
Hydric soil rating: No

Palmetto, non-hydric

Percent of map unit: 3 percent
Landform: Flatwoods on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: North Florida Flatwoods (R154XY004FL)
Hydric soil rating: No

12—Electra fine sand

Map Unit Setting

National map unit symbol: bvhg
Elevation: 10 to 200 feet
Mean annual precipitation: 46 to 54 inches
Mean annual air temperature: 68 to 75 degrees F
Frost-free period: 304 to 334 days
Farmland classification: Not prime farmland

Map Unit Composition

Electra and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Electra

Setting

Landform: Rises on marine terraces, knolls on marine terraces
Landform position (three-dimensional): Interfluve, rise
Down-slope shape: Convex
Across-slope shape: Linear

Custom Soil Resource Report

Parent material: Sandy and loamy marine deposits

Typical profile

A - 0 to 8 inches: fine sand
E - 8 to 48 inches: fine sand
Bh - 48 to 64 inches: fine sand
Bt - 64 to 80 inches: fine sandy loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Somewhat poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: About 24 to 42 inches
Frequency of flooding: None
Frequency of ponding: None
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 4.0
Available water storage in profile: Low (about 4.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6s
Hydrologic Soil Group: A
Forage suitability group: Sandy soils on rises and knolls of mesic uplands (G155XB131FL)
Other vegetative classification: North Florida Flatwoods (R154XY004FL)
Hydric soil rating: No

Minor Components

Hobe

Percent of map unit: 3 percent
Landform: Ridges on marine terraces, knolls on marine terraces
Landform position (three-dimensional): Interfluve, rise
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: Sand Pine Scrub (R154XY001FL)
Hydric soil rating: No

Cassia

Percent of map unit: 3 percent
Landform: Flats on marine terraces, rises on marine terraces
Landform position (three-dimensional): Interfluve, rise
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: Sand Pine Scrub (R154XY001FL)
Hydric soil rating: No

Sparr

Percent of map unit: 3 percent
Landform: Rises on marine terraces, flats on marine terraces
Landform position (three-dimensional): Interfluve, rise
Down-slope shape: Convex

Across-slope shape: Linear

Other vegetative classification: Upland Hardwood Hammock (R154XY008FL)

Hydric soil rating: No

Newnan

Percent of map unit: 3 percent

Landform: Flats on marine terraces, rises on marine terraces

Landform position (three-dimensional): Interfluve, rise

Down-slope shape: Convex

Across-slope shape: Linear

Other vegetative classification: Upland Hardwood Hammock (R154XY008FL)

Hydric soil rating: No

Adamsville

Percent of map unit: 3 percent

Landform: Flats on marine terraces, rises on marine terraces

Landform position (three-dimensional): Interfluve, talf, rise

Down-slope shape: Convex

Across-slope shape: Linear

Other vegetative classification: Upland Hardwood Hammock (R154XY008FL)

Hydric soil rating: No

14—Cassia fine sand, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 2tzx6

Elevation: 0 to 130 feet

Mean annual precipitation: 42 to 63 inches

Mean annual air temperature: 68 to 77 degrees F

Frost-free period: 350 to 365 days

Farmland classification: Not prime farmland

Map Unit Composition

Cassia and similar soils: 80 percent

Minor components: 20 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Cassia

Setting

Landform: Knolls on marine terraces, flatwoods on marine terraces, rises on marine terraces

Landform position (three-dimensional): Tread, talf, rise

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Sandy marine deposits

Typical profile

A - 0 to 5 inches: fine sand

E - 5 to 26 inches: fine sand

Bh - 26 to 42 inches: fine sand

Custom Soil Resource Report

C - 42 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Somewhat poorly drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 5.95 in/hr)

Depth to water table: About 18 to 42 inches

Frequency of flooding: None

Frequency of ponding: None

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum in profile: 4.0

Available water storage in profile: Low (about 5.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 6s

Hydrologic Soil Group: A

Forage suitability group: Sandy soils on rises and knolls of mesic uplands (G155XB131FL)

Other vegetative classification: Sand Pine Scrub (R155XY001FL)

Hydric soil rating: No

Minor Components

Myakka

Percent of map unit: 7 percent

Landform: Drainageways on flatwoods on marine terraces

Landform position (three-dimensional): Tread, dip, talf

Down-slope shape: Linear

Across-slope shape: Concave, linear

Other vegetative classification: South Florida Flatwoods (R155XY003FL)

Hydric soil rating: No

Pomello

Percent of map unit: 6 percent

Landform: Ridges on marine terraces, knolls on marine terraces

Landform position (two-dimensional): Backslope, summit

Landform position (three-dimensional): Side slope, interfluve, riser

Down-slope shape: Convex, linear

Across-slope shape: Linear

Ecological site: Sand Pine Scrub (R155XY001FL)

Other vegetative classification: Sand Pine Scrub (R155XY001FL)

Hydric soil rating: No

Satellite

Percent of map unit: 4 percent

Landform: Flatwoods on marine terraces, rises on marine terraces

Landform position (three-dimensional): Tread, talf, rise

Down-slope shape: Linear, convex

Across-slope shape: Linear

Other vegetative classification: Sand Pine Scrub (R155XY001FL)

Hydric soil rating: No

Jonathan

Percent of map unit: 3 percent
Landform: Knolls on marine terraces, ridges on marine terraces
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve, tread, rise
Down-slope shape: Convex
Across-slope shape: Linear
Hydric soil rating: No

16—Adamsville sand, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 2r8hb
Elevation: 10 to 100 feet
Mean annual precipitation: 44 to 56 inches
Mean annual air temperature: 68 to 77 degrees F
Frost-free period: 290 to 365 days
Farmland classification: Not prime farmland

Map Unit Composition

Adamsville and similar soils: 92 percent
Minor components: 8 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Adamsville

Setting

Landform: Knolls on flatwoods, rises on flatwoods
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve, tal, rise
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Sandy marine deposits

Typical profile

A - 0 to 4 inches: sand
C1 - 4 to 33 inches: sand
C2 - 33 to 80 inches: sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Somewhat poorly drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)
Depth to water table: About 18 to 42 inches
Frequency of flooding: None
Frequency of ponding: None

Custom Soil Resource Report

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum in profile: 4.0

Available water storage in profile: Low (about 3.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3w

Hydrologic Soil Group: A

Forage suitability group: Sandy soils on rises and knolls of mesic uplands (G155XB131FL)

Other vegetative classification: Upland Hardwood Hammock (R155XY008FL),
Upland Hardwood Hammock (R154XY008FL)

Hydric soil rating: No

Minor Components

Narcoossee

Percent of map unit: 4 percent

Landform: Knolls on marine terraces, rises on marine terraces

Landform position (three-dimensional): Interfluve, rise

Down-slope shape: Linear, convex

Across-slope shape: Linear

Hydric soil rating: No

Riviera

Percent of map unit: 4 percent

Landform: Flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Hydric soil rating: Yes

25—Narcoossee fine sand, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 2v17r

Elevation: 0 to 180 feet

Mean annual precipitation: 44 to 56 inches

Mean annual air temperature: 68 to 75 degrees F

Frost-free period: 300 to 365 days

Farmland classification: Not prime farmland

Map Unit Composition

Narcoossee and similar soils: 90 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Narcoossee

Setting

Landform: Knolls on marine terraces, ridges on marine terraces, rises on marine terraces

Landform position (two-dimensional): Foothills

Landform position (three-dimensional): Interfluve, rise

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Sandy marine deposits

Typical profile

A - 0 to 5 inches: fine sand

E - 5 to 22 inches: fine sand

Bh - 22 to 26 inches: fine sand

BC - 26 to 36 inches: fine sand

C - 36 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Moderately well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)

Depth to water table: About 24 to 42 inches

Frequency of flooding: None

Frequency of ponding: None

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum in profile: 4.0

Available water storage in profile: Very low (about 2.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3w

Hydrologic Soil Group: A

Forage suitability group: Sandy soils on rises and knolls of mesic uplands (G154XB131FL)

Other vegetative classification: Upland Hardwood Hammock (R154XY008FL)

Hydric soil rating: No

Minor Components

Smyrna, non-hydric

Percent of map unit: 10 percent

Landform: Flats on marine terraces

Landform position (two-dimensional): Foothills

Landform position (three-dimensional): Interfluve, tread, talf

Down-slope shape: Convex

Across-slope shape: Linear

Other vegetative classification: Upland Hardwood Hammock (R154XY008FL)

Hydric soil rating: No

28—Centenary fine sand

Map Unit Setting

National map unit symbol: bvj0
Elevation: 10 to 120 feet
Mean annual precipitation: 46 to 54 inches
Mean annual air temperature: 68 to 75 degrees F
Frost-free period: 304 to 334 days
Farmland classification: Not prime farmland

Map Unit Composition

Centenary and similar soils: 80 percent
Minor components: 20 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Centenary

Setting

Landform: Knolls on marine terraces, ridges on marine terraces
Landform position (three-dimensional): Interfluve, rise
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Sandy marine deposits

Typical profile

A - 0 to 8 inches: fine sand
E - 8 to 65 inches: fine sand
Bh - 65 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Moderately well drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)
Depth to water table: About 42 to 60 inches
Frequency of flooding: None
Frequency of ponding: None
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 4.0
Available water storage in profile: Very low (about 2.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3s
Hydrologic Soil Group: A
Forage suitability group: Sandy soils on rises, knolls, and ridges of mesic uplands (G155XB121FL)

Custom Soil Resource Report

Other vegetative classification: Upland Hardwood Hammock (R154XY008FL)
Hydric soil rating: No

Minor Components

Adamsville

Percent of map unit: 4 percent
Landform: Flats on marine terraces, rises on marine terraces
Landform position (three-dimensional): Interfluve, talf, rise
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: Upland Hardwood Hammock (R154XY008FL)
Hydric soil rating: No

Deland

Percent of map unit: 4 percent
Landform: Knolls on marine terraces, ridges on marine terraces
Landform position (three-dimensional): Interfluve, rise
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: Upland Hardwood Hammock (R154XY008FL)
Hydric soil rating: No

Zolfo

Percent of map unit: 3 percent
Landform: Knolls on marine terraces, rises on marine terraces
Landform position (three-dimensional): Interfluve, rise
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: North Florida Flatwoods (R154XY004FL)
Hydric soil rating: No

Ona, non-hydric

Percent of map unit: 3 percent
Landform: Flatwoods on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: North Florida Flatwoods (R154XY004FL)
Hydric soil rating: No

Florahome

Percent of map unit: 3 percent
Landform: Ridges on marine terraces
Landform position (three-dimensional): Interfluve, rise
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: Upland Hardwood Hammock (R154XY008FL)
Hydric soil rating: No

Tavares

Percent of map unit: 3 percent
Landform: Knolls on marine terraces, ridges on marine terraces
Landform position (three-dimensional): Interfluve, rise
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: Longleaf Pine-Turkey Oak Hills (R154XY002FL)

Hydric soil rating: No

37—Ona-Ona, wet, fine sand, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 2w4gx
Elevation: 10 to 130 feet
Mean annual precipitation: 46 to 56 inches
Mean annual air temperature: 66 to 77 degrees F
Frost-free period: 325 to 365 days
Farmland classification: Not prime farmland

Map Unit Composition

Ona and similar soils: 75 percent
Ona, wet, and similar soils: 12 percent
Minor components: 13 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Ona

Setting

Landform: Flatwoods on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy marine deposits

Typical profile

A - 0 to 9 inches: fine sand
Bh - 9 to 16 inches: fine sand
C - 16 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Poorly drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: About 6 to 18 inches
Frequency of flooding: None
Frequency of ponding: None
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 4.0
Available water storage in profile: Low (about 4.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: B/D

Custom Soil Resource Report

Forage suitability group: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)
Hydric soil rating: No

Description of Ona, Wet

Setting

Landform: Sloughs on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy marine deposits

Typical profile

A - 0 to 9 inches: fine sand
Bh - 9 to 16 inches: fine sand
C - 16 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Poorly drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: About 0 to 18 inches
Frequency of flooding: None
Frequency of ponding: None
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 4.0
Available water storage in profile: Low (about 4.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: B/D
Forage suitability group: Sandy soils on flats of mesic or hydric lowlands
(G155XB141FL)
Hydric soil rating: Yes

Minor Components

Myakka

Percent of map unit: 5 percent
Landform: Flatwoods on marine terraces
Landform position (three-dimensional): Tread, talf
Down-slope shape: Linear
Across-slope shape: Linear
Other vegetative classification: South Florida Flatwoods (R155XY003FL)
Hydric soil rating: No

Basinger, hydric

Percent of map unit: 4 percent
Landform: Drainageways on marine terraces
Landform position (three-dimensional): Tread, dip
Down-slope shape: Linear, concave

Custom Soil Resource Report

Across-slope shape: Linear, concave
Other vegetative classification: Slough (R155XY011FL)
Hydric soil rating: Yes

Immokalee

Percent of map unit: 4 percent
Landform: Flatwoods on marine terraces
Landform position (three-dimensional): Tread, talf
Down-slope shape: Linear
Across-slope shape: Linear
Other vegetative classification: South Florida Flatwoods (R155XY003FL)
Hydric soil rating: No

53—Zolfo-Urban land complex

Map Unit Setting

National map unit symbol: bvjx
Elevation: 10 to 120 feet
Mean annual precipitation: 46 to 54 inches
Mean annual air temperature: 68 to 75 degrees F
Frost-free period: 304 to 334 days
Farmland classification: Not prime farmland

Map Unit Composition

Zolfo and similar soils: 60 percent
Urban land: 30 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Zolfo

Setting

Landform: Flats on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Sandy marine deposits

Typical profile

A - 0 to 9 inches: fine sand
E - 9 to 53 inches: fine sand
Bh - 53 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Somewhat poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)

Custom Soil Resource Report

Depth to water table: About 24 to 42 inches
Frequency of flooding: None
Frequency of ponding: None
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 4.0
Available water storage in profile: Low (about 5.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: A
Forage suitability group: Forage suitability group not assigned (G155XB999FL)
Hydric soil rating: No

Description of Urban Land

Setting

Landform: Marine terraces
Landform position (three-dimensional): Interfluve, talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: No parent material

Minor Components

Centenary

Percent of map unit: 2 percent
Landform: Ridges on marine terraces, knolls on marine terraces
Landform position (three-dimensional): Interfluve, rise
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: Upland Hardwood Hammock (R154XY008FL)
Hydric soil rating: No

Myakka, non-hydric

Percent of map unit: 2 percent
Landform: Flatwoods on marine terraces
Landform position (three-dimensional): Talf
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: North Florida Flatwoods (R154XY004FL)
Hydric soil rating: No

Narcoossee

Percent of map unit: 2 percent
Landform: Knolls on marine terraces, rises on marine terraces
Landform position (three-dimensional): Interfluve, rise
Down-slope shape: Convex
Across-slope shape: Linear
Other vegetative classification: Upland Hardwood Hammock (R154XY008FL)
Hydric soil rating: No

Cassia

Percent of map unit: 2 percent
Landform: Rises on marine terraces, flats on marine terraces
Landform position (three-dimensional): Interfluve, rise

Custom Soil Resource Report

Down-slope shape: Convex

Across-slope shape: Linear

Other vegetative classification: Sand Pine Scrub (R154XY001FL)

Hydric soil rating: No

Tavares

Percent of map unit: 2 percent

Landform: Knolls on marine terraces, ridges on marine terraces

Landform position (three-dimensional): Interfluve, rise

Down-slope shape: Convex

Across-slope shape: Linear

Other vegetative classification: Longleaf Pine-Turkey Oak Hills (R154XY002FL)

Hydric soil rating: No

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- United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. <http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelpdb1043084>

Custom Soil Resource Report

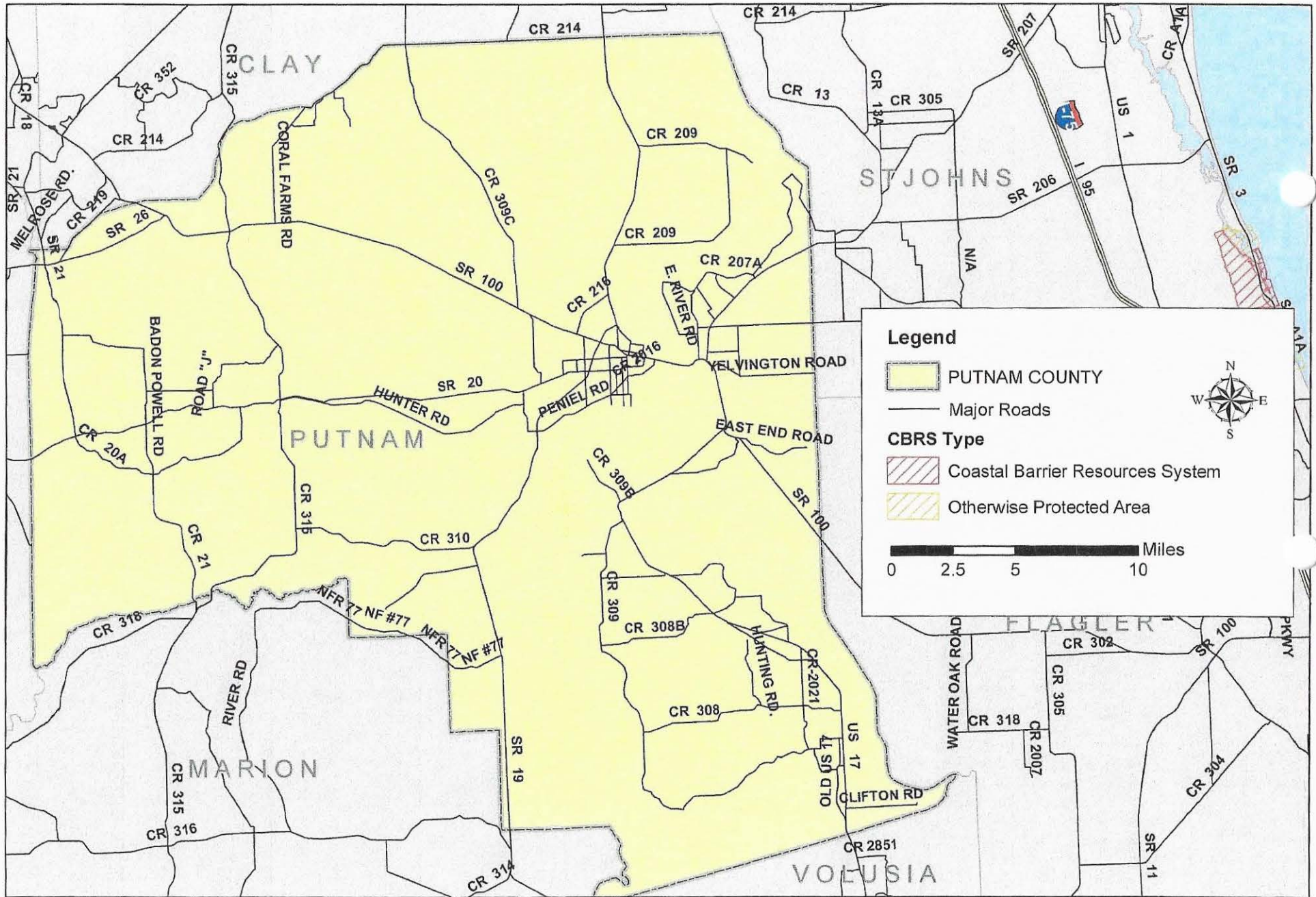
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APPENDIX E
DOCUMENTATION OF COMPLIANCE with 24 CFR Part 58.6 (a - d)

PUTNAM COUNTY COASTAL BARRIER RESOURCES SYSTEM (CBRS) MAP



11



APPENDIX F
Putnam County, Florida
8-Step Decision Making Process for Wetlands

Putnam County, Florida
8-Step Decision Making Process
2018 CDBG St. Johns Avenue Drainage Project
DEO CDBG Disaster Recovery Program Contract HM007
Decision Process for E.O. 11990 as Provided by 24 CFR §55.20

Step 1: Determine whether the action is located in a wetland.

The proposed action has been determined to be in a wetland. The project will construct a new stormwater conveyance and storage system along St. Johns Avenue in the City of Palatka in Putnam County, Florida. Several areas proposed for construction have been determined to be in wetlands during a Biological Survey conducted April 2-3, 2020. Given the nature of the project and the desire to modify existing areas of standing waters, the project necessitates modification of wetlands. An evaluation of direct and indirect impacts associated with construction and modification of the wetlands is required.

Step 2: Notify the public for early review of the proposal and involve the affected and interested public in the decision making process.

A public notice describing the project was published in the Palatka Daily News, the local and regional paper, on February 21, 2020. The ad targeted local residents, including those in the vicinity of wetlands. A copy of the published notification was kept in the project's environmental review records and is attached to this document. The required 15-calendar days were allowed for public comment. As required by regulation, the notice also included the name, proposed location and description of the activity, the responsible entity contact for information as well as the location and hours of the office at which a full description of the proposed action can be viewed.

No comments were received from the public.

Step 3: Identify and evaluate practicable alternatives.

Putnam County considered the following alternative sites and actions:

1. Consider other sites for stormwater :
The project area was selected due to the preponderance of need, the topography of the landscape, existing areas of standing water and the dynamics of flood waters during rain events. The existing conditions include previously developed conveyance systems including swales, piping and culverts. It is not feasible to address the onsite flood issues without modifying the existing environment and terrain.
2. Consider size and quantity of replacement pipes:
Some alternatives were considered regarding various pipe sizes. It was determined that the highest and best use of grant funds would be for the sizes recommended under the proposed alternative.

The proposed alternative provides for the most benefit, capacity, and flood protection for the highest number of households given the funding available.

3. No Action Alternative:

The No Action Alternative would result in no construction of the conveyance and storage system. Future rain events would continue to overwhelm the existing system and flood nearby properties. The no action alternative results in a lower level of overall public safety and higher long-term cost than the proposed action alternative.

There are no practicable alternatives for construction of the proposed stormwater conveyance and storage system that would not involve impacts to the wetlands in the area and achieve the desired outcomes.

Step 4: *Identify Potential Direct and Indirect Impacts Associated with Wetlands Development.*

Given the nature of the proposed improvements and the desire to correct flooding in the area some modification of existing wetlands is required. Direct impacts result from disturbances that occur within the wetland. Direct impacts to wetlands include filling, grading, removal of vegetation, building construction and changes in water levels and drainage patterns. Indirect impacts result from disturbances that occur in areas outside of the wetland, such as uplands, other wetlands or waterways. Indirect impacts include influx of surface water and sediments, fragmentation of a wetland from a contiguous wetland complex, loss of recharge area, or changes in local drainage patterns. Construction activities will incorporate required best management practices as specified by State and Federal law.

Step 5: *Where practicable, design or modify the proposed action to minimize the potential adverse impacts to lives, property, and natural values within the floodplain and to restore, and preserve the values of the floodplain.*

- (a) Preserving Lives: The proposed activities will present no potential adverse impacts on the lives of residents.
- (b) Preserving Property: The proposed activities will present no potential adverse impacts on property.
- (c) Preserving Natural Values and Minimizing Impacts: The proposed activities will present no potential adverse impacts to natural values.

Step 6: *Reevaluate the Alternatives*

Although the proposed project location is in a wetland, it is impractical to relocate the project because the project calls for actions to correct previously seen flood and drainage issues. The best alternative is to modify the existing landscape and incorporate conveyance and storage facilities to adequately handle future rain events.

The no action alternative is also impracticable because it will not satisfy the need to correct stormwater management issues that have resulted in the loss of property and presented additional flood hazards.

Step 7: Determination of No Practicable Alternative

It is our determination that there is no practicable alternative for partially locating the project in the wetland. The topography of the area necessitates the recommended alternative. This is due to: 1) the need for correcting flood and drainage issues in the area; 2) the need to construct an economically feasible project; and 3) the need to accommodate existing infrastructure including the roadway and existing developments. The Proposed Action remains practicable based on reducing the exposure of risk of flooding at existing properties, the minimal (if any) increase to flood elevations nearby, and abundant nearby wetlands retaining their natural values.

A final notice was published on April 30, 2020; in the Palatka Daily News detailing the reasons why the modified project must be located in the floodplain, a list of alternatives considered, and all mitigation measures taken to minimize adverse impacts and preserve natural and beneficial floodplain values. No concerns were expressed by the public concerning this notice.

Step 8: Implement the Proposed Action

The County will assure that this plan and any mitigation measures identified, as modified and described above, are executed and necessary language will be included in all agreements and contracts. The Town will also take an active role in monitoring the construction process to ensure no unnecessary impacts occur nor unnecessary risks are taken.

Date of Completion – May 9, 2020



February 13, 2020

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

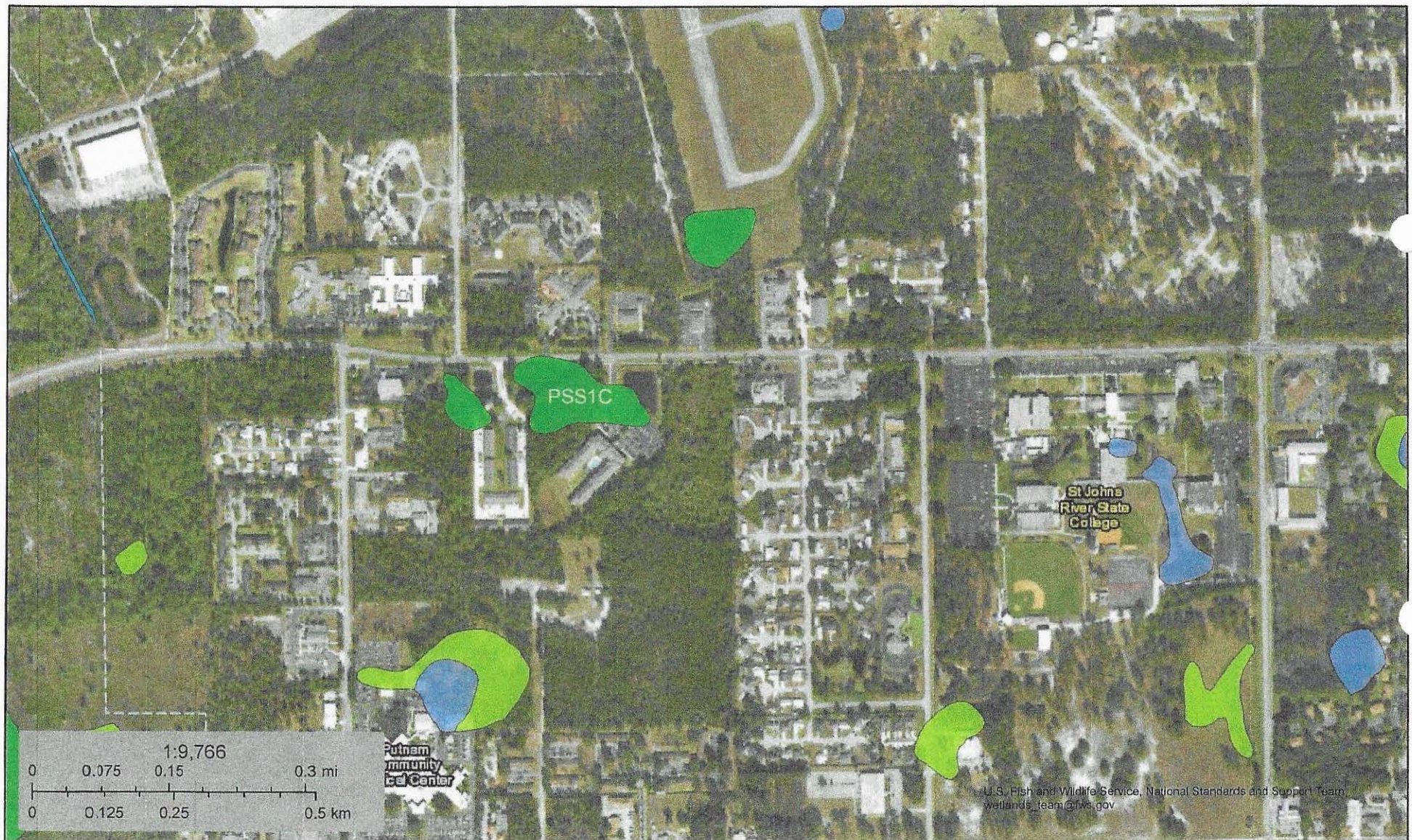
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



U.S. Fish and Wildlife Service

National Wetlands Inventory

Putnam County St. Johns Drainage Project



January 23, 2020

Wetlands

- Esuarine and Marine Deepwater
- Esuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

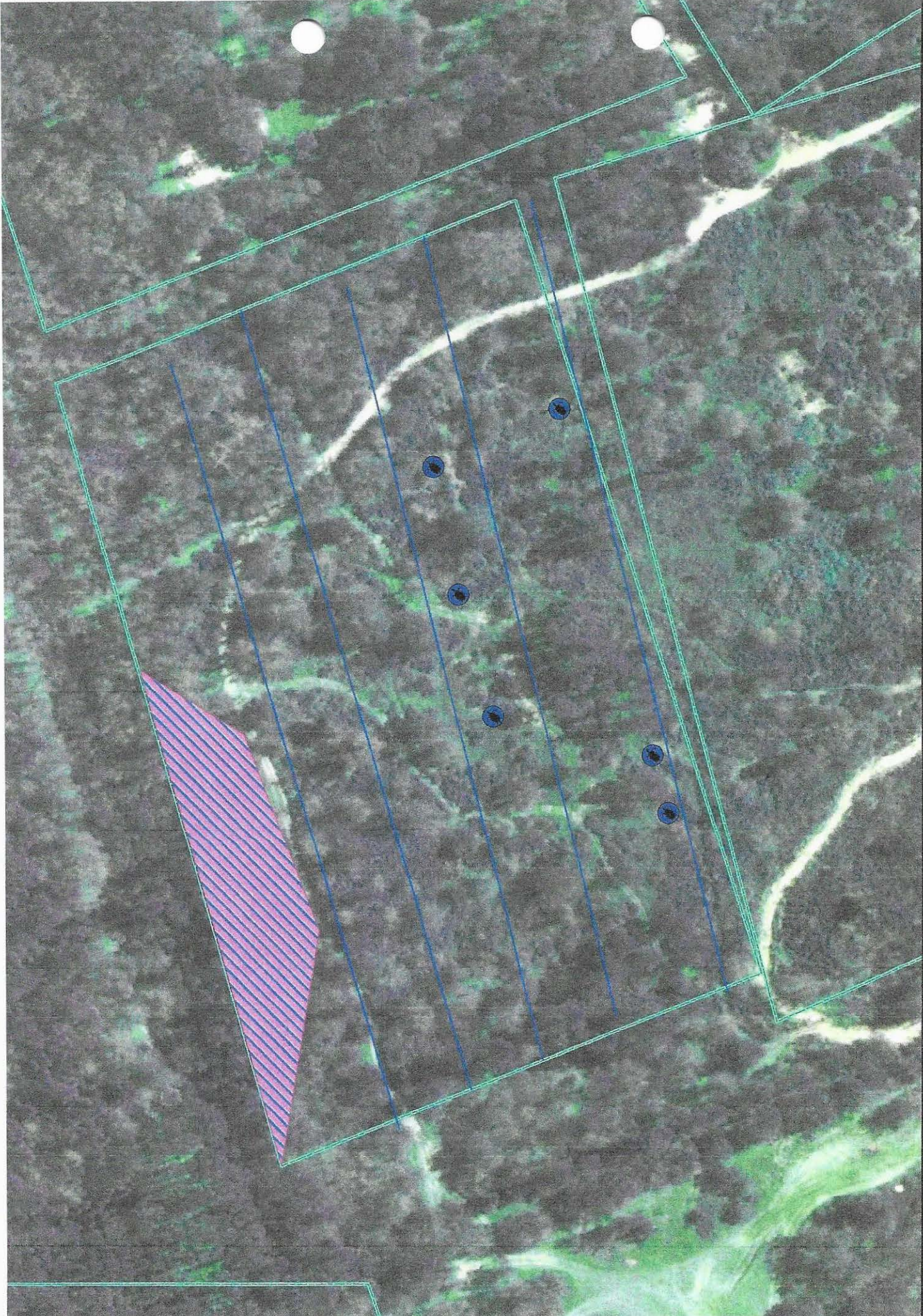
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



Wetlands and T&E Survey Data

Legend



Wetlands and T&E Survey Data

Biological Survey conducted April 2-3, 2020

Legend



Wetlands and T&E Survey Data

Biological Survey conducted April 2-3, 2020

Legend

STATE OF FLORIDA

County of Putnam

The undersigned personally appeared before me, a Notary Public for the State of Florida, and deposes that the Palatka Daily News is a daily newspaper of general circulation, printed in the English language and published in the City of Palatka in said County and State; and that the attached order, notice, publication and/or advertisement:

PUTNAM COUNTY SUPPORTS FAIR HOUSING

Was published in said newspaper 1 time(s) with said being made on the following date(s):

02/21/2020

The Palatka Daily News has been continuously published as a daily newspaper, and has been entered as second class matter at the post office at the City of Palatka, Putnam County, Florida, each for a period of more than one year next preceding the date of the first publication of the above described order, notice and/or advertisement.

Debra Channell

Sworn to and subscribed to before me this 12th day of March, 2020 by Debra Channell, Administrative Assistant, of the Palatka Daily News, a Florida corporation.

Jeannette Eveland

Jeannette Eveland, Notary Public
My commission expires: April 30, 2021

Notary Seal
Seal of Office:



☒ Personally known to me, or

☐ Produced identification:

PUBLIC NOTICE

Early Notice for Public Review of a
Proposal to Support Activity in the
100-Year Floodplain and Wetland

To: All Interested Agencies, Groups,
and Individuals

This is to give notice that Putnam County, Florida has determined that the following proposed action under the Florida Department of Economic Opportunity (DEO) Community Development Block Grant (CDBG) program and #HM007 is in the wetland. Putnam County will be identifying and evaluating practicable alternatives to locating the action in the wetland and the potential impacts on the wetland from the proposed action, as required by Executive Order 11990, in accordance with HUD regulations at 24 CFR 55.20 Subpart C Procedures for Making Determinations on Floodplain Management and Protection of Wetlands.

The proposed project will provide for improved stormwater conveyance and storage along a portion of St. Johns Avenue in the City of Palatka, Florida. The existing drainage system for St. Johns Avenue consists of roadside swales and ditches of varying widths and depths. At the east of the study area, from approximately 150' east of Viking Street to Stillwell Avenue, there is a double ditch system along the north side of St. Johns Avenue. In addition to the immediate roadside swale, there is a larger adjacent ditch that serves as a stormwater storage and conveyance facility in that vicinity. It appears various development improvements have interrupted the swale and/or filled the swale at multiple locations. This has resulted in extensive road flooding on a regular basis and more extensive flooding during large rain events.

The proposed project is along St. Johns Avenue and includes portions of St. Johns Avenue from CR 309C east to SR 19. The study area extends south to Crill Avenue and north to the Kay Larkin Airport. It is anticipated the construction stage will also occur in six (6) segments: 1. Construction of Segment I Off-Site Storm Ponds; 2. Construction of Segment II (from the Outfall to Kay Larkin Drive); 3. Construction of Segment III (from Kay Larkin Drive to College Drive); 4. Construction of Segment IV (from College Drive to Moody Road); 5. Construction of Segment V (from Moody Road to SR 19); and 6. Construction of Segment VI (from CR 309C to the Outfall).

The proposed improvements consist of installing a new, continuous conveyance from the eastern extents of the study area west to a new stormwater management facility (pond) located near the central outfall swale. A conceptual drainage model of a closed conduit collection system has been developed. In this scenario, a large 4' x 8' box culvert has been added to replace the existing sporadic ditch collection system. The eastern extents of the piped system is proposed to be a 43" X 68" elliptical RCP. The proposed project calls for the utilization of the existing large ditches north of St. Johns Avenue from Viking Street to Stillwell Avenue for additional storage. The project will connect these large ditches to the main proposed storm trunk line by series of pipes and install a large storm trunk line at center of St. Johns Avenue. The center location within St. Johns Avenue is the optimal location due to conflicts with existing major utilities, proposed utilities, and location of proposed 10' bike path. The proposed trunk line will be 43"x68" ERCP from Viking Street to Stillwell Avenue and will be 4'x8' box culvert from the outfall to Viking Street. Drainage from St. Johns Avenue roadside ditches and ditches from side roads will be connected to the main trunk line via smaller pipes. Proposed construction includes milling and resurfacing of portions of the existing road and also includes reconstruction and pavement addition in other portions of the road. The project will include sidewalk repair and total sidewalk replacement on the south side of the road where impacts will occur. Improvements also include signal upgrades at Moody Road and SR 19 due to pavement changes caused by location of the proposed drainage trunk line. From CR 309C to the primary outfall, minor improvements are proposed in the form of reshaping roadside ditches. Some areas of the proposed stormwater control facilities are located within a wetland area. The project could impact as little as .05 acres and up to 5 acres of wetlands depending upon final wetland delineations. The wetlands are located in developed

areas and City right-of-way. The proposed project is located at several addresses along portions of St. Johns Avenue in the City of Palatka, Florida.

There are three primary purposes for this notice. First, people who may be affected by activities in wetlands and those who have an interest in the protection of the natural environment should be given an opportunity to express their concerns and provide information about these areas. Commenters are encouraged to offer alternative sites outside of the wetland, alternative methods to serve the same project purpose, and methods to minimize and mitigate impacts. Second, an adequate public notice program can be an important public educational tool. The dissemination of information and request for public comment about wetlands can facilitate and enhance Federal efforts to reduce the risks and impacts associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the Federal government determines it will participate in actions taking place in wetlands, it must inform those who may be put at greater or continued risk.

Written comments must be received by Laura Parsons, Executive Assistant to the County Administrator, at 2509 Crill Ave., Palatka, FL 32177 at (386) 329-0207 on or before March 9, 2020. A full description of the project may also be reviewed from 9:00 AM to 4:00 PM at the address noted above. Additional information may be obtained by contacting the above referenced contact person. Comments may also be submitted by email to laura.parsons@putnam-fl.com.

Terry Turner, Chairman
Environmental Certifying Official

Legal No. 00073259
02/21/20

STATE OF FLORIDA

County of Putnam

The undersigned personally appeared before me, a Notary Public for the State of Florida, and deposes that the Palatka Daily News is a daily newspaper of general circulation, printed in the English language and published in the City of Palatka in said County and State; and that the attached order, notice, publication and/or advertisement:

Final Notice and Public Explan

Was published in said newspaper 1 time with said being made on the following dates:

04/30/2020

The Palatka Daily News has been continuously published as a daily newspaper, and has been entered as second class matter at the post office at the City of Palatka, Putnam County, Florida, each for a period of more than one year next preceding the date of the first publication of the above described order, notice and/or advertisement.

Debra Channell

Sworn to and subscribed to before me this 30th day of April, 2020 by Debra Channell, Administrative Assistant, of the Palatka Daily News, a Florida corporation, on behalf of the corporation.

Jeannette Eveland

Jeannette Eveland, Notary Public

My commission expires: April 30, 2021

Notary Seal
Seal of Office:



☒ Personally known to me, or
☒ Produced identification:
☒ Did take an oath

PUBLIC NOTICE

Final Notice and Public Explanation of a
Proposed Activity in the
100-Year Floodplain and Wetland

April 30, 2020
Putnam County, Florida
2509 Crill Ave.
Palatka, FL 32177
(386) 329-0207

To: All Interested Agencies, Groups,
and Individuals

This is to give notice that Putnam County, Florida has conducted an evaluation as required by Executive Orders 11988 and 11990 in accordance with HUD regulations at 24 CFR 55.20 Subpart C Procedures for Making Determinations on Floodplain Management and Wetlands Protection to determine the potential effect that the activity in the floodplain and/or wetland will have on the environment. The activity is funded by the Florida Department of Economic Opportunity (DEO) Community Development Block Grant (CDBG) program under grant number HM007.

The proposed project will provide for improved stormwater conveyance and storage along a portion of St. Johns Avenue in the City of Palatka, Florida. The existing drainage system for St. Johns Avenue consists of roadside swales and ditches of varying widths and depths. At the east of the study area, from approximately 150' east of Viking Street to Stillwell Avenue, there is a double ditch system along the north side of St. Johns Avenue. In addition to the immediate roadside swale, there is a larger adjacent ditch that serves as a stormwater storage and conveyance facility in that vicinity. It appears various development improvements have interrupted the swale and/or filled the swale at multiple locations. This has resulted in extensive road flooding on a regular basis and more extensive flooding during large rain events. The proposed improvements consist of installing a new, continuous conveyance from the eastern extent of the study area west to a new stormwater management facility (pond) located near the central outfall swale. It is anticipated that the project will impact approximately 0.5 acres of wetlands in the proposed project area.

Putnam County has considered the following alternatives and mitigation measures to be taken to minimize adverse impacts and to restore and preserve natural and beneficial values: Smaller conveyance system and alternative locations. Given the nature of the project and the desired resulting impacts to stormwater conveyance it is imperative that portions of the project impact wetlands in the project area. Putnam County has reviewed all alternatives and has determined that the proposed action will have the highest and best impact on reducing flooding in the project area. Alternative areas and activities were considered and found to have limited impacts on flooding as compared to the selected alternative. As part of the project activities, Putnam County will attempt to minimize impact to wetlands in the area and to reestablish them to their previous conditions as best as possible. As part of the planning on the project and during construction, Putnam County will maintain compliance with all state and local wetland protection procedures.

Putnam County has reevaluated the alternatives to building in the wetlands and has determined that it has no practicable alternative due to the scope of the project. Environmental files that document compliance with steps 3 through 6 of Executive Order 11990, are available for public inspection, review and copying upon request at the times and location delineated in the last paragraph of this notice for receipt of comments.

There are three primary purposes for this notice. First, people who may be affected by activities in wetlands and those who have an interest in the protection of the natural environment should be given an opportunity to express their concerns and provide information about these areas. Second, an adequate public notice program can be an important public educational tool. The dissemination of information and request for public comment about wetlands can facilitate and enhance Federal efforts to reduce the risks and impacts associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the Federal government determines it will participate in actions taking place in wetlands, it must inform those who may be put at greater or continued risk.

Written comments must be received by Laura Parsons, Executive Assistant to the County Administrator, at 2509 Crill Ave., Palatka, FL 32177 at (386) 329-0207 on or before May 8, 2020. A full description of the project may also be reviewed from 9:00 AM to 4:00 PM at 2509 Crill Ave., Palatka, FL 32177. Comments may also be submitted via email at laura.parsons@putnam-fl.com.

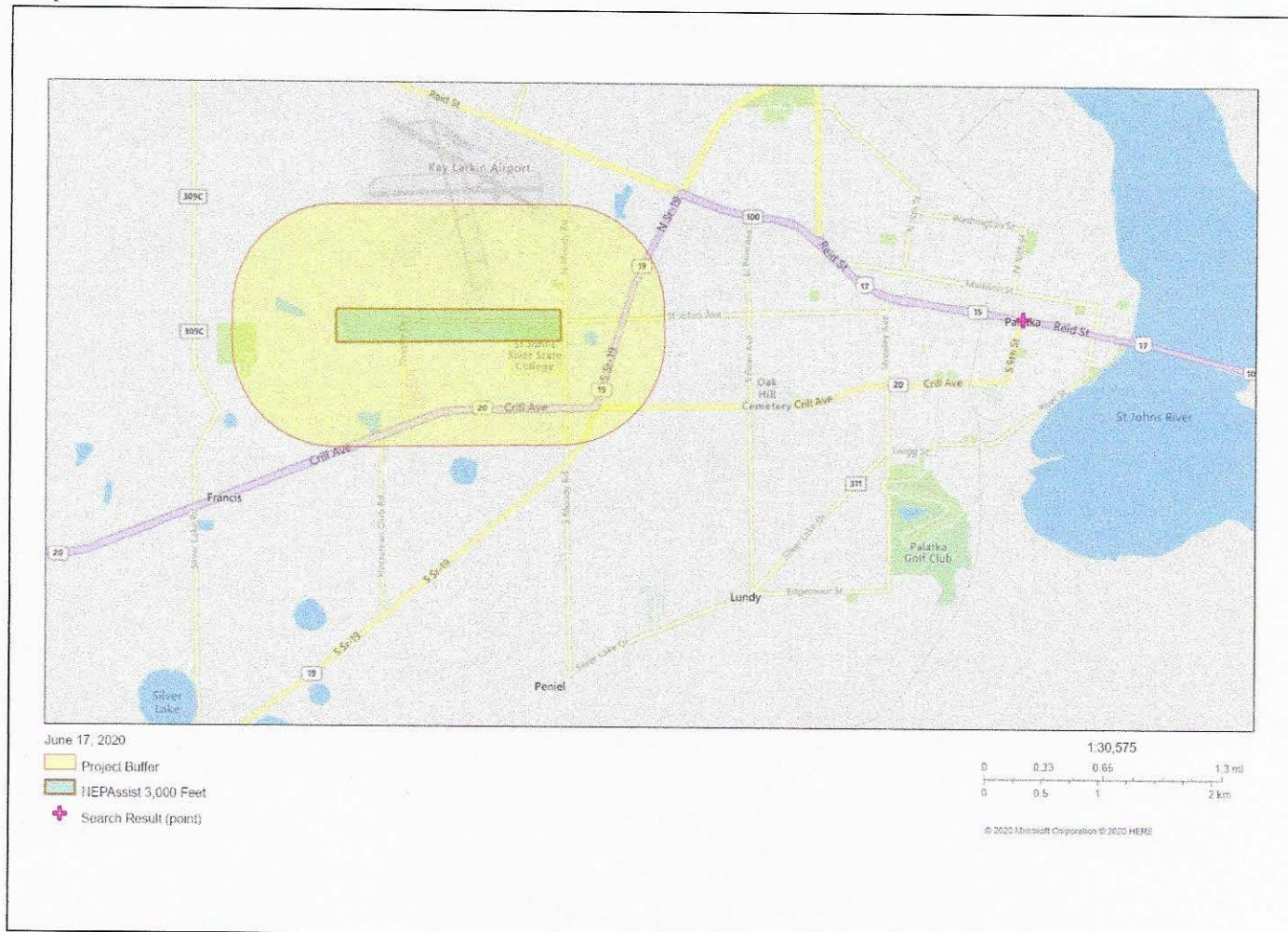
Terry Turner, Chairman
Environmental Certifying Official

Legal No. 00074424
04/30/20

APPENDIX G
ECHO REPORTS

NEPAssist 3,000 Feet

Map



Geographic coordinates:

POLYGON (29.649040,-81.699769,29.649090,-81.679398,29.646678,-81.679341,29.646429,-81.699769,29.649040,-81.699769)
with buffer 3000 feet

Note: The information in the following reports is based on publicly available databases and web services. The National Report uses nationally available datasets and the State Reports use datasets available through the EPA Regions. Click on the hyperlinked question to view the data source and associated metadata.

National Report

Project Area

0.21 sq mi

| | |
|---|----|
| Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area? | no |
| Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area? | no |
| Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area? | no |
| Within 3000 feet of a SO ₂ 1-hr (2010 standard) Non-Attainment/Maintenance Area? | no |
| Within 3000 feet of a PM _{2.5} 24hr (2006 standard) Non-Attainment/Maintenance Area? | no |
| Within 3000 feet of a PM _{2.5} Annual (1997 standard) Non-Attainment/Maintenance Area? | no |
| Within 3000 feet of a PM _{2.5} Annual (2012 standard) Non-Attainment/Maintenance Area? | no |
| | no |

Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?

Within 3000 feet of a Federal Land?

no

Within 3000 feet of an impaired stream?

no

Within 3000 feet of an impaired waterbody?

no

Within 3000 feet of a waterbody?

yes

Within 3000 feet of a stream?

no

Within 3000 feet of an NWI wetland?

[click here](#)

May take several minutes

Within 3000 feet of a Brownfields site?

no

Within 3000 feet of a Superfund site?

no

Within 3000 feet of a Toxic Release Inventory (TRI) site?

yes

Within 3000 feet of a water discharger (NPDES)?

yes

Within 3000 feet of a hazardous waste (RCRA) facility?

yes

Within 3000 feet of an air emission facility?

yes

Within 3000 feet of a school?

yes

Within 3000 feet of an airport?

no

Within 3000 feet of a hospital?

yes

Within 3000 feet of a designated sole source aquifer?

no

Within 3000 feet of a historic property on the National Register of Historic Places?

no

Within 3000 feet of a Toxic Substances Control Act (TSCA) site?

no

Within 3000 feet of a Land Cession Boundary?

yes

Within 3000 feet of a tribal area (lower 48 states)?

no

[Save to Excel](#)
[Save as PDF](#)

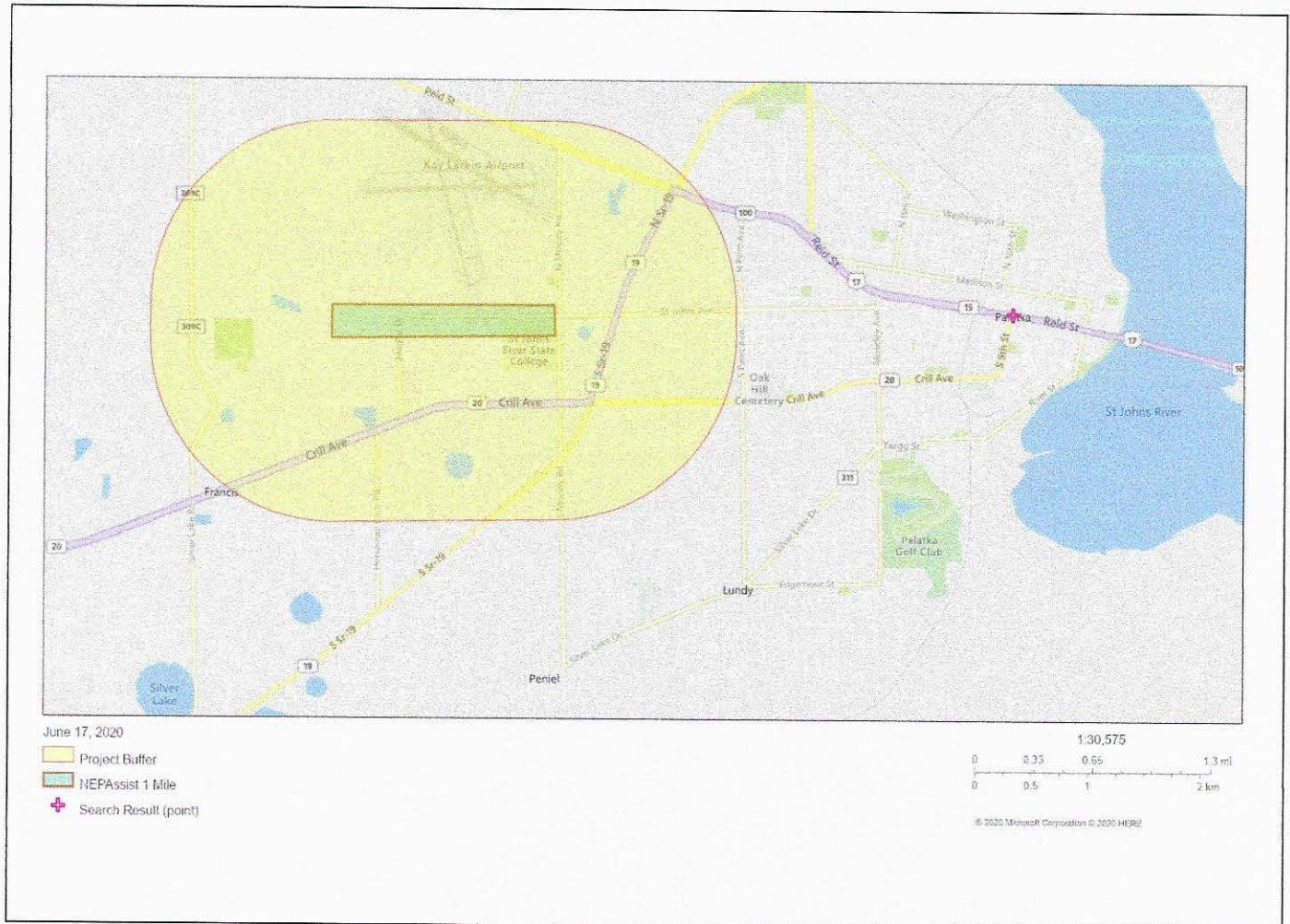
Florida Report 

Demographic Reports 

USFWS IPaC Report 

NEPAssist 1 Mile

Map



Geographic coordinates:

POLYGON (29.649040,-81.699769,29.649090,-81.679398,29.646678,-81.679341,29.646429,-81.699769,29.649040,-81.699769)
with buffer 1 mile

Note: The information in the following reports is based on publicly available databases and web services. The National Report uses nationally available datasets and the State Reports use datasets available through the EPA Regions. Click on the hyperlinked question to view the data source and associated metadata.

National Report

Project Area

0.21 sq mi

| | |
|--|----|
| Within 1 mile of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area? | no |
| Within 1 mile of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area? | no |
| Within 1 mile of a Lead (2008 standard) Non-Attainment/Maintenance Area? | no |
| Within 1 mile of a SO ₂ 1-hr (2010 standard) Non-Attainment/Maintenance Area? | no |
| Within 1 mile of a PM _{2.5} 24hr (2006 standard) Non-Attainment/Maintenance Area? | no |
| Within 1 mile of a PM _{2.5} Annual (1997 standard) Non-Attainment/Maintenance Area? | no |
| Within 1 mile of a PM _{2.5} Annual (2012 standard) Non-Attainment/Maintenance Area? | no |

Within 1 mile of a PM10 (1987 standard) Non-Attainment/Maintenance Area?

Within 1 mile of a Federal Land?

no

Within 1 mile of an impaired stream?

no

Within 1 mile of an impaired waterbody?

no

Within 1 mile of a waterbody?

yes

Within 1 mile of a stream?

yes

Within 1 mile of an NWI wetland?

[click here](#)

May take several minutes

Within 1 mile of a Brownfields site?

no

Within 1 mile of a Superfund site?

no

Within 1 mile of a Toxic Release Inventory (TRI) site?

yes

Within 1 mile of a water discharger (NPDES)?

yes

Within 1 mile of a hazardous waste (RCRA) facility?

yes

Within 1 mile of an air emission facility?

yes

Within 1 mile of a school?

yes

Within 1 mile of an airport?

no

Within 1 mile of a hospital?

yes

Within 1 mile of a designated sole source aquifer?

no

Within 1 mile of a historic property on the National Register of Historic Places?

no

Within 1 mile of a Toxic Substances Control Act (TSCA) site?

no

Within 1 mile of a Land Cession Boundary?

yes

Within 1 mile of a tribal area (lower 48 states)?

no

[Save to Excel](#)

[Save as PDF](#)

Florida Report 

Demographic Reports 

USFWS IPaC Report 

Detailed Facility Report

Facility Summary

COUNTRY COOLER - PALATKA

200 S SR-19, PALATKA, FL 32177

FRS (Facility Registry Service) ID: 110056993062

EPA Region: 04

Latitude: 29.64715

Longitude: -81.67413

Locational Data Source: FRS

Industry: No description found

Indian Country: N

Enforcement and Compliance Summary

| | |
|---|-------------------|
| Statute | CWA |
| Insp (5 Years) | -- |
| Date of Last Inspection | -- |
| Current Compliance Status | Terminated Permit |
| Qtrs with NC (of 12) | 0 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | -- |
| Formal Enforcement Actions (5 years) | -- |
| Penalties from Formal Enforcement Actions (5 years) | -- |
| EPA Cases (5 years) | -- |
| Penalties from EPA Cases (5 years) | -- |

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Minor, Permit Terminated; Compliance Tracking Off (FLR10IC41)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGG): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

| System | Statute | Identifier | Universe | Status | Area | Permit Expiration Date | Indian Country | Latitude | Longitude |
|------------|---------|--------------|--|-------------------------------------|------|------------------------|----------------|----------|-----------|
| FRS | | 110056993062 | | | | | N | 29.64715 | -81.67413 |
| ICIS-NPDES | CWA | FLR10IC41 | Minor: General Permit Covered Facility | Terminated: Compliance Tracking Off | | 07/07/2014 | N | 29.6469 | -81.6747 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address |
|------------|---------|--------------|--------------------------|--------------------------------|
| FRS | | 110056993062 | COUNTRY COOLER - PALATKA | 200 S SR-19, PALATKA, FL 32177 |
| ICIS-NPDES | CWA | FLR10IC41 | COUNTRY COOLER - PALATKA | 200 S SR-19, PALATKA, FL 32177 |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|--------------------------|------------|----------|-----------------|
| No data records returned | | | |

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|--------------------------|------------|------------|-------------------|
| No data records returned | | | |

Facility Industrial Effluent Guidelines

| Identifier | Effluent Guideline (40 CFR Part) | Effluent Guideline Description |
|--------------------------|----------------------------------|--------------------------------|
| No data records returned | | |

Facility Tribe Information

| Reservation Name | Tribe Name | EPA Tribal ID | Distance to Tribe (miles) |
|--------------------------|------------|---------------|---------------------------|
| No data records returned | | | |

Enforcement and Compliance

Compliance Monitoring History (5 years)

| Statute | Source ID | System | Activity Type | Compliance Monitoring Type | Lead Agency | Date | Finding (if applicable) |
|--------------------------|-----------|--------|---------------|----------------------------|-------------|------|-------------------------|
| No data records returned | | | | | | | |

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/IIPV (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Data Last Refreshed |
|---------|-----------|--|---------------|--------------------------------------|---------------------|
| CWA | FLR10IC41 | No | 12/31/2019 | 0 | 05/08/2020 |

Three-Year Compliance History by Quarter

| Statute | Program/Pollutant/Violation Type | QTR 1 | QTR 2 | QTR 3 | QTR 4 | QTR 5 | QTR 6 | QTR 7 | QTR 8 | QTR 9 | QTR 10 | QTR 11 | QTR 12 | QTR 13+ |
|--|----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| CWA (Source ID: FLR101C41) | | 01/01-03/31/17 | 04/01-06/30/17 | 07/01-09/30/17 | 10/01-12/31/17 | 01/01-03/31/18 | 04/01-06/30/18 | 07/01-09/30/18 | 10/01-12/31/18 | 01/01-03/31/19 | 04/01-06/30/19 | 07/01-09/30/19 | 10/01-12/31/19 | 01/01-05/08/20 |
| Facility-Level Status | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit |
| Quarterly Noncompliance Report History | | | | | | | | | | | | | | |

Informal Enforcement Actions (5 Years)

| Statute | System | Source ID | Type of Action | Lead Agency | Date |
|--------------------------|--------|-----------|----------------|-------------|------|
| No data records returned | | | | | |

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

| Statute | System | Law/Section | Source ID | Action Type | Case No. | Lead Agency | Case Name | Issued/Filed Date | Settlements/Actions | Settlement/Action Date | Federal Penalty | State/Local Penalty | SEP Cost | Comp Action Cost |
|--------------------------|--------|-------------|-----------|-------------|----------|-------------|-----------|-------------------|---------------------|------------------------|-----------------|---------------------|----------|------------------|
| No data records returned | | | | | | | | | | | | | | |

Environmental Conditions

Water Quality

| Permit ID | Combined Sewer System? | Number of CSO (Combined Sewer Overflow) Outfalls | 12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database)) | WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database)) | State Water Body Name (ICIS (Integrated Compliance Information System)) | Impaired Waters | Impaired Class | Causes of Impairment(s) by Group(s) | Watershed with ESA (Endangered Species Act)-listed Aquatic Species? |
|-----------|------------------------|--|--|---|---|-----------------|----------------|-------------------------------------|---|
| FLR101C41 | | | 030801030404 | Murphy Creek | | No | | | Yes |

Water Body Designated Uses

| Reach Code | Water Body Name | Exceptional Use | Recreational Use | Aquatic Life Use | Shellfish Use | Beach Closure Within Last Year | Beach Closure Within Last Two Years |
|----------------|-----------------|-----------------|------------------|------------------|---------------|--------------------------------|-------------------------------------|
| 03080103002572 | Twomile Creek | No | No | No | No | No | No |

Air Quality

| Nonattainment Area? | Pollutant(s) | Applicable Nonattainment Standard(s) |
|---------------------|--------------------|--------------------------------------|
| No | Ozone | |
| No | Lead | |
| No | Particulate Matter | |
| No | Carbon Monoxide | |
| No | Nitrogen Dioxide | |
| No | Sulfur Dioxide | |

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

| TRI Facility ID | Year | Total Air Emissions | Surface Water Discharges | Off-Site Transfers to POTWs (Publicly Owned Treatment Works) | Underground Injections | Releases to Land | Total On-site Releases | Total Off-site Transfers |
|--------------------------|------|---------------------|--------------------------|--|------------------------|------------------|------------------------|--------------------------|
| No data records returned | | | | | | | | |

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

| Chemical Name |
|--------------------------|
| No data records returned |

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

| Census Block Group EJ Indexes (percentile) | |
|--|------|
| Particulate Matter (PM 2.5) | 89.1 |
| Ozone NATA Diesel PM | 88.7 |
| NATA Air Toxics Cancer Risk | 91.9 |
| NATA Respiratory Hazard Index (IH) | 92.9 |
| Traffic Proximity | 79.5 |
| Lead Paint Indicator | 81.4 |
| Superfund Proximity | 73.9 |
| Risk Management Plan (RMP) Proximity | 93.2 |
| Hazardous Waste Proximity | 74.6 |
| Wastewater Discharge Proximity | 91.5 |

Number of EJ Indexes Above 80th Percentile

7

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

| General Statistics | |
|---------------------------------|------------|
| Total Persons | 18,560 |
| Population Density | 744/sq.mi. |
| Percent Minority | 45% |
| Households in Area | 7,178 |
| Housing Units in Area | 8,120 |
| Households on Public Assistance | 224 |
| Persons Below Poverty Level | 10,831 |

| Geography | |
|-------------------------|-----------|
| Radius of Selected Area | 3 mi. |
| Center Latitude | 29.64715 |
| Center Longitude | -81.67413 |
| Land Area | 93% |
| Water Area | 7% |

| Income Breakdown - Households (%) | |
|-----------------------------------|----------------|
| Less than \$15,000 | 2,089 (28.36%) |
| \$15,000 - \$25,000 | 1,233 (16.74%) |
| \$25,000 - \$50,000 | 1,685 (22.88%) |

| Age Breakdown - Persons (%) | |
|------------------------------|--------------|
| Children 5 years and younger | 1,527 (8%) |
| Minors 17 years and younger | 5,059 (27%) |
| Adults 18 years and older | 13,501 (73%) |
| Seniors 65 years and older | 2,935 (15%) |

| Race Breakdown - Persons (%) | |
|------------------------------|--------------|
| White | 10,936 (58%) |
| African-American | 7,309 (39%) |
| Hispanic-Origin | 818 (4%) |
| Asian/Pacific Islander | 135 (1%) |
| American Indian | 50 (0%) |
| Other/Multiracial | 530 (3%) |

| Education Level (Persons 25 & older) - Persons (%) | |
|--|----------------|
| Less than 9th Grade | 461 (3.77%) |
| 9th through 12th Grade | 1,935 (15.82%) |
| High School Diploma | 5,057 (41.34%) |
| Some College/2-year | 3,037 (24.83%) |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,743 (14.25%) |

| Income Breakdown - Households (%) | |
|-----------------------------------|----------------|
| \$50,000 - \$75,000 | 1,285 (17.43%) |
| Greater than \$75,000 | 1,074 (14.58%) |

Detailed Facility Report

Facility Summary

DR. MORRIS OFFICE

6200 ST JOHNS AVE, PALATKA, FL 32177

FRS (Facility Registry Service) ID: 110064423324

EPA Region: 04

Latitude: 29.64818

Longitude: -81.68793

Locational Data Source: FRS

Industry: No description found

Indian Country: N

Enforcement and Compliance Summary

| | |
|---|-------------------------|
| Statute | CWA |
| Insp (5 Years) | -- |
| Date of Last Inspection | -- |
| Current Compliance Status | No Violation Identified |
| Qtrs with NC (of 12) | 0 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | -- |
| Formal Enforcement Actions (5 years) | -- |
| Penalties from Formal Enforcement Actions (5 years) | -- |
| EPA Cases (5 years) | -- |
| Penalties from EPA Cases (5 years) | -- |

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Minor, Permit Terminated; Compliance Tracking Off (FLR10OZ40)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGGI): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

| System | Statute | Identifier | Universe | Status | Areas | Permit Expiration Date | Indian Country | Latitude | Longitude |
|------------|---------|--------------|--|-------------------------------------|--------------------------|------------------------|----------------|------------|-------------|
| FRS | | 110064423324 | | | | | N | 29.64818 | -81.68793 |
| ICIS-NPDES | CWA | FLR100Z40 | Minor: General Permit Covered Facility | Terminated, Compliance Tracking Off | Storm Water Construction | 01/29/2020 | N | 29.6487441 | -81.6879288 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address |
|------------|---------|--------------|-------------------|--------------------------------------|
| FRS | | 110064423324 | DR. MORRIS OFFICE | 6200 ST JOHNS AVE, PALATKA, FL 32177 |
| ICIS-NPDES | CWA | FLR100Z40 | DR. MORRIS OFFICE | 6200 ST JOHNS AVE, PALATKA, FL 32177 |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|--------------------------|------------|----------|-----------------|
| No data records returned | | | |

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|--------------------------|------------|------------|-------------------|
| No data records returned | | | |

Facility Industrial Effluent Guidelines

| Identifier | Effluent Guideline (40 CFR Part) | Effluent Guideline Description |
|--------------------------|----------------------------------|--------------------------------|
| No data records returned | | |

Facility Tribe Information

| Reservation Name | Tribe Name | EPA Tribal ID | Distance to Tribe (miles) |
|--------------------------|------------|---------------|---------------------------|
| No data records returned | | | |

Enforcement and Compliance

Compliance Monitoring History (5 years)

| Statute | Source ID | System | Activity Type | Compliance Monitoring Type | Lead Agency | Date | Finding (if applicable) |
|--------------------------|-----------|--------|---------------|----------------------------|-------------|------|-------------------------|
| No data records returned | | | | | | | |

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/IPV (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Data Last Refreshed |
|---------|-----------|---|---------------|--------------------------------------|---------------------|
| CWA | FLR100Z40 | No | 12/31/2019 | 0 | 05/08/2020 |

Three-Year Compliance History by Quarter

| Statute | Program/Requirement/Type | QTR 1 | QTR 2 | QTR 3 | QTR 4 | QTR 5 | QTR 6 | QTR 7 | QTR 8 | QTR 9 | QTR 10 | QTR 11 | QTR 12 | QTR 13+ |
|--|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------|
| CWA (Source ID: FLR100Z40) | | 01/01-03/31/17 | 04/01-06/30/17 | 07/01-09/30/17 | 10/01-12/31/17 | 01/01-03/31/18 | 04/01-06/30/18 | 07/01-09/30/18 | 10/01-12/31/18 | 01/01-03/31/19 | 04/01-06/30/19 | 07/01-09/30/19 | 10/01-12/31/19 | 01/01-05/08/20 |
| Facility-Level Status | | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | Undetermined |
| Quarterly Noncompliance Report History | | | | | | | | | | | | | | |

Informal Enforcement Actions (5 Years)

| Statute | System | Source ID | Type of Action | Lead Agency | Date |
|--------------------------|--------|-----------|----------------|-------------|------|
| No data records returned | | | | | |

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

| Statute | System | Law/Section | Source ID | Action Type | Case No. | Lead Agency | Case Name | Issued/Filed Date | Settlements/Actions | Settlement/Action Date | Federal Penalty | State/Local Penalty | SEP Cost | Comp Action Cost |
|--------------------------|--------|-------------|-----------|-------------|----------|-------------|-----------|-------------------|---------------------|------------------------|-----------------|---------------------|----------|------------------|
| No data records returned | | | | | | | | | | | | | | |

Environmental Conditions

Water Quality

| Permit ID | Combined Sewer System? | Number of CSO (Combined Sewer Overflow) Outfalls | 12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database)) | WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database)) | State Water Body Name (ICIS (Integrated Compliance Information System)) | Impaired Waters | Impaired Class | Causes of Impairment(s) by Group(s) | Watershed with ESA (Endangered Species Act)-listed Aquatic Species? |
|-----------|------------------------|--|--|---|---|-----------------|----------------|-------------------------------------|---|
| FLR100Z40 | | | 030801030404 | Murphy Creek | | No | | | Yes |

Water Body Designated Uses

| Reach Code | Water Body Name | Exceptional Use | Recreational Use | Aquatic Life Use | Shellfish Use | Beach Closure Within Last Year | Beach Closure Within Last Two Years |
|----------------|-----------------|-----------------|------------------|------------------|---------------|--------------------------------|-------------------------------------|
| 03080103002441 | Devall Branch | No | No | No | No | No | No |

Air Quality

| Nonattainment Area? | Pollutant(s) | Applicable Nonattainment Standard(s) |
|---------------------|--------------------|--------------------------------------|
| No | Ozone | |
| No | Lead | |
| No | Particulate Matter | |
| No | Carbon Monoxide | |
| No | Nitrogen Dioxide | |
| No | Sulfur Dioxide | |

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

| TRI Facility ID | Year | Total Air Emissions | Surface Water Discharges | Off-Site Transfers to POTWs (Publicly Owned Treatment Works) | Underground Injections | Releases to Land | Total On-site Releases | Total Off-site Transfers |
|--------------------------|------|---------------------|--------------------------|--|------------------------|------------------|------------------------|--------------------------|
| No data records returned | | | | | | | | |

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

| Chemical Name |
|--------------------------|
| No data records returned |

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

Census Block Group EJ Indexes (percentile)

| | |
|--------------------------------------|------|
| Particulate Matter (PM 2.5) | 89.1 |
| Ozone NATA Diesel PM | 88.7 |
| NATA Air Toxics Cancer Risk | 91.9 |
| NATA Respiratory Hazard Index (HI) | 92.9 |
| Traffic Proximity | 79.5 |
| Lead Paint Indicator | 81.4 |
| Superfund Proximity | 73.9 |
| Risk Management Plan (RMP) Proximity | 93.2 |
| Hazardous Waste Proximity | 74.6 |
| Wastewater Discharge Proximity | 91.5 |

Number of EJ Indexes Above 80th Percentile

7

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics

| | |
|---------------------------------|------------|
| Total Persons | 18,269 |
| Population Density | 670/sq.mi. |
| Percent Minority | 43% |
| Households in Area | 6,930 |
| Housing Units in Area | 7,741 |
| Households on Public Assistance | 224 |
| Persons Below Poverty Level | 10,639 |

Geography

| | |
|-------------------------|-----------|
| Radius of Selected Area | 3 mi. |
| Center Latitude | 29.64818 |
| Center Longitude | -81.68793 |
| Land Area | 98% |
| Water Area | 2% |

Income Breakdown - Households (%)

| | |
|---------------------|----------------|
| Less than \$15,000 | 1,994 (27.91%) |
| \$15,000 - \$25,000 | 1,191 (16.67%) |

Age Breakdown - Persons (%)

| | |
|------------------------------|--------------|
| Children 5 years and younger | 1,471 (8%) |
| Minors 17 years and younger | 4,910 (27%) |
| Adults 18 years and older | 13,359 (73%) |
| Seniors 65 years and older | 2,831 (16%) |

Race Breakdown - Persons (%)

| | |
|------------------------|--------------|
| White | 10,916 (60%) |
| African-American | 6,652 (36%) |
| Hispanic-Origin | 775 (4%) |
| Asian/Pacific Islander | 129 (1%) |
| American Indian | 46 (0%) |
| Other/Multiracial | 527 (3%) |

Education Level (Persons 25 & older) - Persons (%)

| | |
|------------------------|----------------|
| Less than 9th Grade | 384 (3.25%) |
| 9th through 12th Grade | 1,889 (15.96%) |
| High School Diploma | 5,000 (42.25%) |
| Some College/2-year | 2,989 (25.26%) |

| Income Breakdown - Households (%) | |
|-----------------------------------|----------------|
| \$25,000 - \$50,000 | 1,695 (23.73%) |
| \$50,000 - \$75,000 | 1,235 (17.29%) |
| Greater than \$75,000 | 1,029 (14.4%) |

| Education Level (Persons 25+) - Persons (%) | |
|--|----------------|
| B.S./B.A. (Bachelor of Science or of Arts) or More | 1,571 (13.28%) |

Detailed Facility Report

Facility Summary

GARDEL FLORIST

10 KAY LARKIN CIR, PALATKA, FL 32177

FRS (Facility Registry Service) ID: 110005274559

EPA Region: 04

Latitude: 29.653

Longitude: -81.69508

Locational Data Source: FRS

Industry: No description found

Indian Country: N

Enforcement and Compliance Summary

| | |
|---|-------------------------|
| Statute | RCRA |
| Insp (5 Years) | -- |
| Date of Last Inspection | 08/23/1989 |
| Current Compliance Status | No Violation Identified |
| Qtrs with NC (of 12) | 0 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | -- |
| Formal Enforcement Actions (5 years) | -- |
| Penalties from Formal Enforcement Actions (5 years) | -- |
| EPA Cases (5 years) | -- |
| Penalties from EPA Cases (5 years) | -- |

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive (FLD982141913)

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGN): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

| System | Statute | Identifier | Universe | Status | Areas | Permit Expiration Date | Indian Country | Latitude | Longitude |
|----------|---------|--------------|----------|--------------|-------|------------------------|----------------|-----------|------------|
| FRS | | 110005274559 | | | | | N | 29.653 | -81.69508 |
| RCRAInfo | RCRA | FLD982141913 | Other | Inactive () | | | N | 29.633333 | -81.720556 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address |
|----------|---------|--------------|----------------|---|
| FRS | | 110005274559 | GARDEL FLORIST | 10 KAY LARKIN CIR, PALATKA, FL 32177 |
| RCRAInfo | RCRA | FLD982141913 | GARDEL FLORIST | 10 KAY LARKIN CIR, PALATKA, FL 32177-2315 |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|--------------------------|------------|----------|-----------------|
| No data records returned | | | |

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|--------------------------|------------|------------|-------------------|
| No data records returned | | | |

Facility Tribe Information

| Reservation Name | Tribe Name | EPA Tribal ID | Distance to Tribe (miles) |
|--------------------------|------------|---------------|---------------------------|
| No data records returned | | | |

Enforcement and Compliance

Compliance Monitoring History (5 years)

| Statute | Source ID | System | Activity Type | Compliance Monitoring Type | Lead Agency | Date | Finding (if applicable) |
|--------------------------|-----------|--------|---------------|----------------------------|-------------|------|-------------------------|
| No data records returned | | | | | | | |

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/EPV (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Data Last Refreshed |
|---------|--------------|---|---------------|--------------------------------------|---------------------|
| RCRA | FLD982141913 | No | 05/09/2020 | 0 | 05/08/2020 |

Three-Year Compliance History by Quarter

| Statute/Program/Pollutant/Violation Type | QTR 1 | QTR 2 | QTR 3 | QTR 4 | QTR 5 | QTR 6 | QTR 7 | QTR 8 | QTR 9 | QTR 10 | QTR 11 | QTR 12+ |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RCRA (Source ID: FLD982141913) | 07/01-09/30/17 | 10/01-12/31/17 | 01/01-03/31/18 | 04/01-06/30/18 | 07/01-09/30/18 | 10/01-12/31/18 | 01/01-03/31/19 | 04/01-06/30/19 | 07/01-09/30/19 | 10/01-12/31/19 | 01/01-03/31/20 | 04/01-06/30/20 |
| Facility-Level Status | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified |

Informal Enforcement Actions (5 Years)

| Statute | System | Source ID | Type of Action | Lead Agency | Date |
|--------------------------|--------|-----------|----------------|-------------|------|
| No data records returned | | | | | |

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

| Statute | System | Law/Section | Source ID | Action Type | Case No | Lead Agency | Case Name | Issued/Filed Date | Settlements/Actions | Settlement/Action Date | Federal Penalty | State/Local Penalty | SEP Cost | Comp Action Cost |
|--------------------------|--------|-------------|-----------|-------------|---------|-------------|-----------|-------------------|---------------------|------------------------|-----------------|---------------------|----------|------------------|
| No data records returned | | | | | | | | | | | | | | |

Environmental Conditions

Water Quality

| Permit ID | Combined Sewer System? | Number of CSO (Combined Sewer Overflow) Outfalls | 12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database)) | WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database)) | State Water Body Name (ICIS (Integrated Compliance Information System)) | Impaired/Impaired Waters Class | Causes of Impairment(s) by Group(s) | Watershed with ESA (Endangered Species Act)-listed Aquatic Species? |
|--------------------------|------------------------|--|--|---|---|--------------------------------|-------------------------------------|---|
| No data records returned | | | | | | | | |

Water Body Designated Uses

| Reach Code | Water Body Name | Exceptional Use | Recreational Use | Aquatic Life Use | Shellfish Use | Beach Closure Within Last Year | Beach Closure Within Last Two Years |
|--------------------------|-----------------|-----------------|------------------|------------------|---------------|--------------------------------|-------------------------------------|
| No data records returned | | | | | | | |

Air Quality

| Nonattainment Area? | Pollutant(s) | Applicable Nonattainment Standard(s) |
|---------------------|--------------------|--------------------------------------|
| No | Ozone | |
| No | Lead | |
| No | Particulate Matter | |
| No | Carbon Monoxide | |
| No | Nitrogen Dioxide | |
| No | Sulfur Dioxide | |

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

| TRI Facility ID | Year | Total Air Emissions | Surface Water Discharges | Off-Site Transfers to POTWs (Publicly Owned Treatment Works) | Underground Injections | Releases to Land | Total On-site Releases | Total Off-site Transfers |
|--------------------------|------|---------------------|--------------------------|--|------------------------|------------------|------------------------|--------------------------|
| No data records returned | | | | | | | | |

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

| Chemical Name |
|--------------------------|
| No data records returned |

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

| Census Block Group EJ Indexes (percentile) | |
|--|------|
| Particulate Matter (PM 2.5) | 89.1 |
| Ozone NATA Diesel PM | 88.7 |
| NATA Air Toxics Cancer Risk | 91.9 |
| NATA Respiratory Hazard Index (HI) | 92.9 |
| Traffic Proximity | 79.5 |
| Lead Paint Indicator | 81.4 |
| Superfund Proximity | 73.9 |
| Risk Management Plan (RMP) Proximity | 93.2 |
| Hazardous Waste Proximity | 74.6 |
| Wastewater Discharge Proximity | 91.5 |

Number of EJ Indexes Above 80th Percentile

7

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

| General Statistics | |
|---------------------------------|-------------|
| Total Persons | 14,685 |
| Population Density | 552/sq. mi. |
| Percent Minority | 39% |
| Households in Area | 5,638 |
| Housing Units in Area | 6,282 |
| Households on Public Assistance | 174 |
| Persons Below Poverty Level | 8,426 |

| Geography | |
|-------------------------|-----------|
| Radius of Selected Area | 3 mi. |
| Center Latitude | 29.65318 |
| Center Longitude | -81.69477 |
| Land Area | 97% |
| Water Area | 3% |

| Income Breakdown - Households (%) | |
|-----------------------------------|----------------|
| Less than \$15,000 | 1,631 (28.48%) |
| \$15,000 - \$25,000 | 952 (16.62%) |
| \$25,000 - \$50,000 | 1,330 (23.22%) |
| \$50,000 - \$75,000 | 951 (16.61%) |

| Age Breakdown - Persons (%) | |
|------------------------------|--------------|
| Children 5 years and younger | 1,101 (8%) |
| Minors 17 years and younger | 3,763 (26%) |
| Adults 18 years and older | 10,922 (74%) |
| Seniors 65 years and older | 2,396 (16%) |

| Race Breakdown - Persons (%) | |
|------------------------------|-------------|
| White | 9,292 (63%) |
| African-American | 4,792 (33%) |
| Hispanic-Origin | 636 (4%) |
| Asian/Pacific Islander | 118 (1%) |
| American Indian | 38 (0%) |
| Other/Multiracial | 445 (3%) |

| Education Level (Persons 25 & older) - Persons (%) | |
|--|----------------|
| Less than 9th Grade | 314 (3.32%) |
| 9th through 12th Grade | 1,582 (16.7%) |
| High School Diploma | 3,847 (40.61%) |
| Some College/2-year | 2,412 (25.46%) |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,317 (13.9%) |

| Income Breakdown - Households (%) | |
|-----------------------------------|--------------|
| Greater than \$75,000 | 863 (15.07%) |

Detailed Facility Report

Facility Summary

HAVEN HOSPICE

6400 SAINT JOHNS AVE, PALATKA, FL 32177

FRS (Facility Registry Service) ID: 110044805958

EPA Region: 04

Latitude: 29.64813

Longitude: -81.69008

Locational Data Source: FRS

Industry:

Indian Country: N

Enforcement and Compliance Summary

| Statute | RCRA |
|---|-------------------------|
| Insp (5 Years) | -- |
| Date of Last Inspection | -- |
| Current Compliance Status | No Violation Identified |
| Qtrs with NC (of 12) | 0 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | -- |
| Formal Enforcement Actions (5 years) | -- |
| Penalties from Formal Enforcement Actions (5 years) | -- |
| EPA Cases (5 years) | -- |
| Penalties from EPA Cases (5 years) | -- |

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active (FLR000179895)

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGI): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

| System | Statute | Identifier | Universe | Status | Areas | Permit Expiration Date | Indian Country | Latitude | Longitude |
|----------|---------|--------------|----------|------------|-------|------------------------|----------------|----------|-----------|
| FRS | | 110044805958 | | | | | N | 29.64813 | -81.69008 |
| RCRAInfo | RCRA | FLR000179895 | SQG | Active (H) | | | N | | |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address |
|----------|---------|--------------|---------------|--|
| FRS | | 110044805958 | HAVEN HOSPICE | 6400 SAINT JOHNS AVE, PALATKA, FL 32177 |
| RCRAInfo | RCRA | FLR000179895 | HAVEN HOSPICE | 6400 SAINT JOHNS AVE, PALATKA, FL 32177-6817 |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|--------------------------|------------|----------|-----------------|
| No data records returned | | | |

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|----------|--------------|------------|--|
| RCRAInfo | FLR000179895 | 622110 | General Medical and Surgical Hospitals |

Facility Tribe Information

| Reservation Name | Tribe Name | EPA Tribal ID | Distance to Tribe (miles) |
|--------------------------|------------|---------------|---------------------------|
| No data records returned | | | |

Enforcement and Compliance

Compliance Monitoring History (5 years)

| Statute | Source ID | System | Activity Type | Compliance Monitoring Type | Lead Agency | Date | Finding (if applicable) |
|--------------------------|-----------|--------|---------------|----------------------------|-------------|------|-------------------------|
| No data records returned | | | | | | | |

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/HVP (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Data Last Refreshed |
|---------|--------------|---|---------------|--------------------------------------|---------------------|
| RCRA | FLR000179895 | No | 02/15/2020 | 0 | 02/14/2020 |

Three-Year Compliance History by Quarter

| Statute | Program/Pollutant/Violation Type | QTR 1 | QTR 2 | QTR 3 | QTR 4 | QTR 5 | QTR 6 | QTR 7 | QTR 8 | QTR 9 | QTR 10 | QTR 11 | QTR 12+ |
|---------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|---------|
|---------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|---------|

| Statute | Program/Pollutant/ Violation Type | QTR 1 | QTR 2 | QTR 3 | QTR 4 | QTR 5 | QTR 6 | QTR 7 | QTR 8 | QTR 9 | QTR 10 | QTR 11 | QTR 12+ |
|--------------------------------|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RCRA (Source ID: FLR000179895) | | 04/01-06/30/17 | 07/01-09/30/17 | 10/01-12/31/17 | 01/01-03/31/18 | 04/01-06/30/18 | 07/01-09/30/18 | 10/01-12/31/18 | 01/01-03/31/19 | 04/01-06/30/19 | 07/01-09/30/19 | 10/01-12/31/19 | 01/01-03/31/20 |
| Facility-Level Status | | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified |

Informal Enforcement Actions (5 Years)

| Statute | System | Source ID | Type of Action | Lead Agency | Date |
|--------------------------|--------|-----------|----------------|-------------|------|
| No data records returned | | | | | |

Formal Enforcement Actions (5 Years)

| Statute | System | Law/Section | Source ID | Action Type | Case No. | Lead Agency | Case Name | Issued/Filed Date | Settlements/Actions | Settlement/Action Date | Federal Penalty | State/Local Penalty | SEP Cost | Comp Action Cost |
|--------------------------|--------|-------------|-----------|-------------|----------|-------------|-----------|-------------------|---------------------|------------------------|-----------------|---------------------|----------|------------------|
| No data records returned | | | | | | | | | | | | | | |

Environmental Conditions

Water Quality

| Permit ID | Combined Sewer System? | Number of CSO (Combined Sewer Overflow) Outfalls | 12-Digit WBD (Watershed Boundary Dataset) ITUC (RAD (Reach Address Database)) | WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database)) | State Water Body Name (ICIS (Integrated Compliance Information System)) | Impaired Waters | Impaired Class | Causes of Impairment(s) by Group(s) | Watershed with ESA (Endangered Species Act)-listed Aquatic Species? |
|--------------------------|------------------------|--|---|---|---|-----------------|----------------|-------------------------------------|---|
| No data records returned | | | | | | | | | |

Water Body Designated Uses

| Reach Code | Water Body Name | Exceptional Use | Recreational Use | Aquatic Life Use | Shellfish Use | Beach Closure Within Last Year | Beach Closure Within Last Two Years |
|--------------------------|-----------------|-----------------|------------------|------------------|---------------|--------------------------------|-------------------------------------|
| No data records returned | | | | | | | |

Air Quality

| Nonattainment Area? | Pollutant(s) | Applicable Nonattainment Standard(s) |
|---------------------|--------------------|--------------------------------------|
| No | Ozone | |
| No | Lead | |
| No | Particulate Matter | |
| No | Carbon Monoxide | |
| No | Nitrogen Dioxide | |
| No | Sulfur Dioxide | |

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

| TRI Facility ID | Year | Total Air Emissions | Surface Water Discharges | Off-Site Transfers to POTWs (Publicly Owned Treatment Works) | Underground Injections | Releases to Land | Total On-site Releases | Total Off-site Transfers |
|--------------------------|------|---------------------|--------------------------|--|------------------------|------------------|------------------------|--------------------------|
| No data records returned | | | | | | | | |

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

| Chemical Name |
|--------------------------|
| No data records returned |

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

| Census Block Group EJ Indexes (percentile) | |
|--|------|
| Particulate Matter (PM 2.5) | 89.1 |
| Ozone NATA Diesel PM | 88.7 |
| NATA Air Toxics Cancer Risk | 91.9 |
| NATA Respiratory Hazard Index (HI) | 92.9 |
| Traffic Proximity | 79.5 |
| Lead Paint Indicator | 81.4 |
| Superfund Proximity | 73.9 |
| Risk Management Plan (RMP) Proximity | 93.2 |
| Hazardous Waste Proximity | 74.6 |
| Wastewater Discharge Proximity | 91.5 |

Number of EJ Indexes Above 80th Percentile

7

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 US Census and American Community Survey data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table (LRT) when available.

| General Statistics | |
|---------------------------------|-----------|
| Total Persons | 17,971 |
| Population Density | 640/sq.mi |
| Percent Minority | 42% |
| Households in Area | 6,821 |
| Housing Units in Area | 7,608 |
| Households on Public Assistance | 218 |
| Persons Below Poverty Level | 10,421 |

| Geography | |
|-------------------------|-----------|
| Radius of Selected Area | 3 mi |
| Center Latitude | 29.64813 |
| Center Longitude | -81.69008 |
| Land Area | 98% |
| Water Area | 2% |

| Income Breakdown - Households (%) | |
|-----------------------------------|----------------|
| Less than \$15,000 | 1,959 (27.86%) |
| \$15,000 - \$25,000 | 1,163 (16.54%) |
| \$25,000 - \$50,000 | 1,664 (23.67%) |
| \$50,000 - \$75,000 | 1,223 (17.39%) |
| Greater than \$75,000 | 1,022 (14.54%) |

| Age Breakdown - Persons (%) | |
|------------------------------|--------------|
| Children 5 years and younger | 1,449 (8%) |
| Minors 17 years and younger | 4,832 (27%) |
| Adults 18 years and older | 13,139 (73%) |
| Seniors 65 years and older | 2,787 (16%) |

| Race Breakdown - Persons (%) | |
|------------------------------|--------------|
| White | 10,818 (60%) |
| African-American | 6,459 (36%) |
| Hispanic-Origin | 764 (4%) |
| Asian/Pacific Islander | 129 (1%) |
| American Indian | 46 (0%) |
| Other/Multiracial | 520 (3%) |

| Education Level (Persons 25 & older) - Persons (%) | |
|--|----------------|
| Less than 9th Grade | 373 (3.2%) |
| 9th through 12th Grade | 1,858 (15.95%) |
| High School Diploma | 4,912 (42.17%) |
| Some College/2-year | 2,949 (25.32%) |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,556 (13.36%) |

Detailed Facility Report

Facility Summary

HOME DEPOT USA INC HD8531

417 N HWY 19, PALATKA, FL 32177

FRS (Facility Registry Service) ID: 110024249197

EPA Region: 04

Latitude: 29.655278

Longitude: -81.670278

Locational Data Source: RCRAINFO

Industry:

Indian Country: N

Enforcement and Compliance Summary

| | |
|---|-------------------------|
| Statute | RCRA |
| Insp (5 Years) | -- |
| Date of Last Inspection | -- |
| Current Compliance Status | No Violation Identified |
| Qtrs with NC (of 12) | 0 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | -- |
| Formal Enforcement Actions (5 years) | -- |
| Penalties from Formal Enforcement Actions (5 years) | -- |
| EPA Cases (5 years) | -- |
| Penalties from EPA Cases (5 years) | -- |

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active (FLR000121079)

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGORT): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

| System | Statute | Identifier | Universe | Status | Areas | Permit Expiration Date | Indian Country | Latitude | Longitude |
|----------|---------|--------------|----------|-------------|-------|------------------------|----------------|-----------|------------|
| FRS | | 110024249197 | | | | | N | 29.655278 | -81.670278 |
| RCRAInfo | RCRA | FLR000121079 | VSQG | Active (H.) | | | N | 29.655278 | -81.670278 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address |
|----------|---------|--------------|---------------------------|--------------------------------------|
| FRS | | 110024249197 | HOME DEPOT USA INC HD8531 | 417 N HWY 19, PALATKA, FL 32177 |
| RCRAInfo | RCRA | FLR000121079 | HOME DEPOT USA INC HD8531 | 417 N HWY 19, PALATKA, FL 32177-0000 |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|--------------------------|------------|----------|-----------------|
| No data records returned | | | |

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|----------|--------------|------------|---------------------------------|
| RCRAInfo | FLR000121079 | 444110 | Home Centers |
| RCRAInfo | FLR000121079 | 444130 | Hardware Stores |
| RCRAInfo | FLR000121079 | 444190 | Other Building Material Dealers |

Facility Tribe Information

| Reservation Name | Tribe Name | EPA Tribal ID | Distance to Tribe (miles) |
|--------------------------|------------|---------------|---------------------------|
| No data records returned | | | |

Enforcement and Compliance

Compliance Monitoring History (5 years)

| Statute | Source ID | System | Activity Type | Compliance Monitoring Type | Lead Agency | Date | Finding (if applicable) |
|--------------------------|-----------|--------|---------------|----------------------------|-------------|------|-------------------------|
| No data records returned | | | | | | | |

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/HPV (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Data Last Refreshed |
|---------|--------------|---|---------------|--------------------------------------|---------------------|
| RCRA | FLR000121079 | No | 05/09/2020 | 0 | 05/08/2020 |

Three-Year Compliance History by Quarter

| Statute | Program/Pollutant/Violation Type | QTR 1 | QTR 2 | QTR 3 | QTR 4 | QTR 5 | QTR 6 | QTR 7 | QTR 8 | QTR 9 | QTR 10 | QTR 11 | QTR 12+ |
|---------|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | RCRA (Source ID: FLR000121079) | 07/01-09/30/17 | 10/01-12/31/17 | 01/01-03/31/18 | 04/01-06/30/18 | 07/01-09/30/18 | 10/01-12/31/18 | 01/01-03/31/19 | 04/01-06/30/19 | 07/01-09/30/19 | 10/01-12/31/19 | 01/01-03/31/20 | 04/01-06/30/20 |
| | Facility-Level Status | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified |

Informal Enforcement Actions (5 Years)

| Statute | System | Source ID | Type of Action | Lead Agency | Date |
|--------------------------|--------|-----------|----------------|-------------|------|
| No data records returned | | | | | |

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

| Statute | System | Law/Section | Source ID | Action Type | Case No. | Lead Agency | Case Name | Issued/Filed Date | Settlements/Actions | Settlement/Action Date | Federal Penalty | State/Local Penalty | SEP Cost | Comp Action Cost |
|--------------------------|--------|-------------|-----------|-------------|----------|-------------|-----------|-------------------|---------------------|------------------------|-----------------|---------------------|----------|------------------|
| No data records returned | | | | | | | | | | | | | | |

Environmental Conditions

Water Quality

| Permit ID | Combined Sewer System? | Number of CSO (Combined Sewer Overflow) Outfalls | 12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database)) | WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database)) | State Water Body Name (ICIS (Integrated Compliance Information System)) | Impaired Waters | Impaired Class | Causes of Impairment(s) by Group(s) | Watershed with ESA (Endangered Species Act)-listed Aquatic Species? |
|--------------------------|------------------------|--|--|---|---|-----------------|----------------|-------------------------------------|---|
| No data records returned | | | | | | | | | |

Water Body Designated Uses

| Reach Code | Water Body Name | Exceptional Use | Recreational Use | Aquatic Life Use | Shellfish Use | Beach Closure Within Last Year | Beach Closure Within Last Two Years |
|--------------------------|-----------------|-----------------|------------------|------------------|---------------|--------------------------------|-------------------------------------|
| No data records returned | | | | | | | |

Air Quality

| Nonattainment Area? | Pollutant(s) | Applicable Nonattainment Standard(s) |
|---------------------|--------------------|--------------------------------------|
| No | Ozone | |
| No | Lead | |
| No | Particulate Matter | |
| No | Carbon Monoxide | |
| No | Nitrogen Dioxide | |
| No | Sulfur Dioxide | |

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

| TRI Facility ID | Year | Total Air Emissions | Surface Water Discharges | Off-Site Transfers to POTWs (Publicly Owned Treatment Works) | Underground Injections | Releases to Land | Total On-site Releases | Total Off-site Transfers |
|--------------------------|------|---------------------|--------------------------|--|------------------------|------------------|------------------------|--------------------------|
| No data records returned | | | | | | | | |

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

| Census Block Group EJ Indexes (percentile) | |
|--|------|
| Particulate Matter (PM 2.5) | 76.4 |
| Ozone NATA Diesel PM | 75.6 |
| NATA Air Toxics Cancer Risk | 79.4 |
| NATA Respiratory Hazard Index (HI) | 80.7 |
| Traffic Proximity | 81.4 |
| Lead Paint Indicator | 81.8 |
| Superfund Proximity | 67.5 |
| Risk Management Plan (RMP) Proximity | 84.6 |
| Hazardous Waste Proximity | 70.7 |
| Wastewater Discharge Proximity | 86.2 |

| Number of EJ Indexes Above 80th Percentile |
|--|
| 5 |

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

| General Statistics | |
|---------------------------------|-------------|
| Total Persons | 18,262 |
| Population Density | 753/sq. mi. |
| Percent Minority | 46% |
| Households in Area | 6,908 |
| Housing Units in Area | 7,823 |
| Households on Public Assistance | 220 |
| Persons Below Poverty Level | 10,644 |

| Geography | |
|-------------------------|------------|
| Radius of Selected Area | 3 mi. |
| Center Latitude | 29.655278 |
| Center Longitude | -81.670278 |
| Land Area | 87% |
| Water Area | 13% |

Income Breakdown - Households (%)

| Age Breakdown - Persons (%) | |
|------------------------------|--------------|
| Children 5 years and younger | 1,491 (8%) |
| Minors 17 years and younger | 4,903 (27%) |
| Adults 18 years and older | 13,359 (73%) |
| Seniors 65 years and older | 2,815 (15%) |

| Race Breakdown - Persons (%) | |
|------------------------------|--------------|
| White | 10,268 (56%) |
| African-American | 7,296 (40%) |
| Hispanic-Origin | 798 (4%) |
| Asian/Pacific Islander | 131 (1%) |
| American Indian | 49 (0%) |
| Other/Multiracial | 518 (3%) |

| Education Level (Persons 25 & older) - Persons (%) | |
|--|----------------|
| Less than 9th Grade | 449 (3.84%) |
| 9th through 12th Grade | 1,896 (16.23%) |

| Income Breakdown - Households (%) | |
|-----------------------------------|----------------|
| Less than \$15,000 | 2,078 (29.32%) |
| \$15,000 - \$25,000 | 1,210 (17.07%) |
| \$25,000 - \$50,000 | 1,625 (22.93%) |
| \$50,000 - \$75,000 | 1,197 (16.89%) |
| Greater than \$75,000 | 978 (13.8%) |

| Education Level (Persons 7 or over) - Persons (%) | |
|--|----------------|
| High School Diploma | 4,795 (41.05%) |
| Some College/2-year | 2,898 (24.81%) |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,643 (14.07%) |

Detailed Facility Report

Facility Summary

HUBBELL LENOIR CITY, INC
2 KAY LARKIN CIR, PALATKA, FL 32177

FRS (Facility Registry Service) ID: 110000361741
 EPA Region: 04
 Latitude: 29.652667
 Longitude: -81.687667
 Locational Data Source: TRIS
 Industry:
 Indian Country: N

Enforcement and Compliance Summary

| | |
|---|-------------------------|
| Statute | CAA |
| Insp (5 Years) | 2 |
| Date of Last Inspection | 04/20/2017 |
| Current Compliance Status | No Violation Identified |
| Qtrs with NC (of 12) | 0 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | -- |
| Formal Enforcement Actions (5 years) | -- |
| Penalties from Formal Enforcement Actions (5 years) | -- |
| EPA Cases (5 years) | -- |
| Penalties from EPA Cases (5 years) | -- |
| Statute | CWA |
| Insp (5 Years) | -- |
| Date of Last Inspection | -- |
| Current Compliance Status | Terminated Permit |
| Qtrs with NC (of 12) | 0 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | -- |
| Formal Enforcement Actions (5 years) | -- |
| Penalties from Formal Enforcement Actions (5 years) | -- |
| EPA Cases (5 years) | -- |
| Penalties from EPA Cases (5 years) | -- |

| | |
|---|-------------------------|
| Statute | RCRA |
| Insp (5 Years) | -- |
| Date of Last Inspection | 01/26/2010 |
| Current Compliance Status | No Violation Identified |
| Qtrs with NC (of 12) | 0 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | -- |
| Formal Enforcement Actions (5 years) | -- |
| Penalties from Formal Enforcement Actions (5 years) | -- |
| EPA Cases (5 years) | -- |
| Penalties from EPA Cases (5 years) | -- |

Regulatory Information

Clean Air Act (CAA): Permanently Closed (FL0000001210700031)

Clean Water Act (CWA): Minor, Permit Terminated; Compliance Tracking Off (FLR051096)

Resource Conservation and Recovery Act (RCRA): Active (FLR000035121)

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): 2474511

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): 32178CDRSYAIRPO

Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

| System | Statute | Identifier | Universe | Status | Areas | Permit Expiration Date | Indian Country | Latitude | Longitude |
|------------|---------|--------------------|--|-------------------------------------|------------------------|------------------------|----------------|-----------|------------|
| FRS | | 110000361741 | | | | | N | 29.652667 | -81.687667 |
| EIS | CAA | 2474511 | | OPERATING | | | N | 29.655208 | -81.691086 |
| ICIS-Air | CAA | FL0000001210700031 | | Permanently Closed | | | N | 29.652667 | -81.687667 |
| ICIS-NPDES | CWA | FLR051096 | Minor: General Permit Covered Facility | Terminated, Compliance Tracking Off | Storm Water Industrial | 05/07/2022 | N | 29.6551 | -81.6907 |
| TRI | EP313 | 32178CDRSYAIRPO | Toxics Release Inventory | Last Reported for 2018 | | | N | 29.652667 | -81.687667 |
| RCRAInfo | RCRA | FLR000035121 | VSQG | Active (H) | | | N | 29.652667 | -81.687667 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address |
|------------|---------|--------------------|--------------------------|--|
| FRS | | 110000361741 | HUBBELL LENOIR CITY, INC | 2 KAY LARKIN CIR, PALATKA, FL 32177 |
| EIS | CAA | 2474511 | HUBBELL LENOIR CITY, INC | 2 KAY LARKIN CIRCLE, PALATKA, FL 32177 |
| ICIS-Air | CAA | FL0000001210700031 | HUBBELL LENOIR CITY, INC | 2 KAY LARKIN CIRCLE, PALATKA, FL 32177 |
| ICIS-NPDES | CWA | FLR051096 | HUBBELL LENOIR CITY, INC | 2 KAY LARKIN CIR, PALATKA, FL 32177 |
| TRI | EP313 | 32178CDRSYAIRPO | HUBBELL LENOIR CITY INC | 2 KAY LARKIN CIR, PALATKA, FL 32177 |

[illegible]

| Statute | Program/Pollutant/Violation Type | QTR 1 | QTR 2 | QTR 3 | QTR 4 | QTR 5 | QTR 6 | QTR 7 | QTR 8 | QTR 9 | QTR 10 | QTR 11 | QTR 12+ |
|---------|----------------------------------|--------|----------|------------|-------|-------|-------|-------|-------|-------|--------|--------|---------|
| | HPV History | | | | | | | | | | | | |
| | Violation Type | Agency | Programs | Pollutants | | | | | | | | | |

| Statute | Program/Pollutant/Violation Type | QTR 1 | QTR 2 | QTR 3 | QTR 4 | QTR 5 | QTR 6 | QTR 7 | QTR 8 | QTR 9 | QTR 10 | QTR 11 | QTR 12 | QTR 13+ |
|---------|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------|-------------------|-------------------|-------------------|
| | CWA (Source ID: FLR051096) | 01/01-03/31/17 | 04/01-06/30/17 | 07/01-09/30/17 | 10/01-12/31/17 | 01/01-03/31/18 | 04/01-06/30/18 | 07/01-09/30/18 | 10/01-12/31/18 | 01/01-03/31/19 | 04/01-06/30/19 | 07/01-09/30/19 | 10/01-12/31/19 | 01/01-05/08/20 |
| | Facility-Level Status | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | Unknown | Terminated Permit | Terminated Permit | Terminated Permit |
| | Quarterly Noncompliance Report History | | | | | | | | | | Undetermined | Undetermined | | |
| | Benchmark Limit Exceedances (No Violation): Pollutant | Disch Point | Mon Loc | Freq | | | | | | | | | | |
| CWA | Iron, total recoverable | E | 001 - A | Effluent Gross | NMth | | | | | | 510% | | | |
| CWA | Solids, total suspended | E | 001 - A | Effluent Gross | NMth | | | | | | 69% | | | |

| Statute | Program/Pollutant/Violation Type | QTR 1 | QTR 2 | QTR 3 | QTR 4 | QTR 5 | QTR 6 | QTR 7 | QTR 8 | QTR 9 | QTR 10 | QTR 11 | QTR 12+ |
|---------|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | RCRA (Source ID: FLR000035121) | 07/01-09/30/17 | 10/01-12/31/17 | 01/01-03/31/18 | 04/01-06/30/18 | 07/01-09/30/18 | 10/01-12/31/18 | 01/01-03/31/19 | 04/01-06/30/19 | 07/01-09/30/19 | 10/01-12/31/19 | 01/01-03/31/20 | 04/01-06/30/20 |
| | Facility-Level Status | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified |

Informal Enforcement Actions (5 Years)

| Statute | System | Source ID | Type of Action | Lead Agency | Date |
|--------------------------|--------|-----------|----------------|-------------|------|
| No data records returned | | | | | |

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

| Statute | System | Law/Section | Source ID | Action Type | Case No. | Lead Agency | Case Name | Issued/Filed Date | Settlements/Actions | Settlement/Action Date | Federal Penalty | State/Local Penalty | SEP Cost | Comp Action Cost |
|--------------------------|--------|-------------|-----------|-------------|----------|-------------|-----------|-------------------|---------------------|------------------------|-----------------|---------------------|----------|------------------|
| No data records returned | | | | | | | | | | | | | | |

Environmental Conditions

Water Quality

| Permit ID | Combined Sewer System? | Number of CSO (Combined Sewer Overflow) Outfalls | 12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database)) | WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database)) | State Water Body Name (ICIS (Integrated Compliance Information System)) | Impaired Waters | Impaired Class | Causes of Impairment(s) by Group(s) | Watershed with ESA (Endangered Species Act)-listed Aquatic Species? |
|-----------|------------------------|--|--|---|---|-----------------|----------------|-------------------------------------|---|
| FLR051096 | | | 030801030404 | Murphy Creek | | No | | | No |

Water Body Designated Uses

| Reach Code | Water Body Name | Exceptional Use | Recreational Use | Aquatic Life Use | Shellfish Use | Beach Closure Within Last Year | Beach Closure Within Last Two Years |
|----------------|-----------------|-----------------|------------------|------------------|---------------|--------------------------------|-------------------------------------|
| 03080103002441 | Devall Branch | No | No | No | No | No | No |

Air Quality

| Nonattainment Area? | Pollutant(s) | Applicable Nonattainment Standard(s) |
|---------------------|--------------------|--------------------------------------|
| No | Ozone | |
| No | Lead | |
| No | Particulate Matter | |
| No | Carbon Monoxide | |
| No | Nitrogen Dioxide | |
| No | Sulfur Dioxide | |

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

Air Pollutant Report TRI Pollution Prevention Report

| TRI Facility ID | Year | Total Air Emissions | Surface Water Discharges | Off-Site Transfers to POTWs (Publicly Owned Treatment Works) | Underground Injections | Releases to Land | Total On-site Releases | Total Off-site Transfers |
|-----------------|------|---------------------|--------------------------|--|------------------------|------------------|------------------------|--------------------------|
| 32178CDRSYAIRPO | 2018 | 11,440 | | 0 | | | 11,440 | 590 |
| 32178CDRSYAIRPO | 2017 | 11,570 | | 0 | | | 11,570 | 510 |
| 32178CDRSYAIRPO | 2016 | 15,700 | | 0 | | | 15,700 | 85 |
| 32178CDRSYAIRPO | 2015 | 13,200 | | 0 | | | 13,200 | 350 |
| 32178CDRSYAIRPO | 2014 | 14,000 | | 0 | | | 14,000 | 708 |
| 32178CDRSYAIRPO | 2013 | 9,192 | | 0 | | | 9,192 | 1,495 |
| 32178CDRSYAIRPO | 2012 | 13,739 | | 0 | | | 13,739 | 17,827 |
| 32178CDRSYAIRPO | 2011 | 21,873 | | 0 | | | 21,873 | 14,703 |
| 32178CDRSYAIRPO | 2010 | 18,879 | | 0 | | | 18,879 | 10,481 |
| 32178CDRSYAIRPO | 2009 | 21,400 | | 0 | | | 21,400 | 24,284 |

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

| Chemical Name | 2018 | 2017 | 2016 | 2015 | 2014 | 2013 | 2012 | 2011 | 2010 | 2009 |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| DIISOCYANATES | | | 0 | 0 | | | | | | |
| STYRENE | 12,030 | 12,080 | 15,785 | 13,550 | 14,708 | 10,687 | 31,566 | 36,576 | 29,360 | 45,684 |

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

| Census Block Group EJ Indexes (percentile) | |
|--|------|
| Particulate Matter (PM 2.5) | 89.1 |
| Ozone NATA Diesel PM | 88.7 |
| NATA Air Toxics Cancer Risk | 91.9 |
| NATA Respiratory Hazard Index (HI) | 92.9 |
| Traffic Proximity | 79.5 |
| Lead Paint Indicator | 81.4 |
| Superfund Proximity | 73.9 |
| Risk Management Plan (RMP) Proximity | 93.2 |
| Hazardous Waste Proximity | 74.6 |
| Wastewater Discharge Proximity | 91.5 |

| Number of EJ Indexes Above 80th Percentile |
|--|
| 7 |

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics

| | |
|---------------------------------|------------|
| Total Persons | 17,773 |
| Population Density | 663/sq.mi. |
| Percent Minority | 44% |
| Households in Area | 6,734 |
| Housing Units in Area | 7,522 |
| Households on Public Assistance | 222 |
| Persons Below Poverty Level | 10,507 |

Geography

| | |
|-------------------------|------------|
| Radius of Selected Area | 3 mi. |
| Center Latitude | 29.652667 |
| Center Longitude | -81.687667 |
| Land Area | 97% |
| Water Area | 3% |

Income Breakdown - Households (%)

| | |
|-----------------------|----------------|
| Less than \$15,000 | 1,983 (28.48%) |
| \$15,000 - \$25,000 | 1,173 (16.85%) |
| \$25,000 - \$50,000 | 1,658 (23.81%) |
| \$50,000 - \$75,000 | 1,179 (16.93%) |
| Greater than \$75,000 | 969 (13.92%) |

Age Breakdown - Persons (%)

| | |
|------------------------------|--------------|
| Children 5 years and younger | 1,441 (8%) |
| Minors 17 years and younger | 4,797 (27%) |
| Adults 18 years and older | 12,975 (73%) |
| Seniors 65 years and older | 2,748 (15%) |

Race Breakdown - Persons (%)

| | |
|------------------------|--------------|
| White | 10,442 (59%) |
| African-American | 6,646 (37%) |
| Hispanic-Origin | 763 (4%) |
| Asian/Pacific Islander | 125 (1%) |
| American Indian | 45 (0%) |
| Other/Multiracial | 514 (3%) |

Education Level (Persons 25 & older) - Persons (%)

| | |
|--|----------------|
| Less than 9th Grade | 376 (3.27%) |
| 9th through 12th Grade | 1,862 (16.21%) |
| High School Diploma | 4,837 (42.12%) |
| Some College/2-year | 2,894 (25.2%) |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,516 (13.2%) |

Detailed Facility Report

Facility Summary

LOWES OF PALATKA FL #1820
500 NORTH STATE ROAD 19, PALATKA, FL
32177

FRS (Facility Registry Service) ID: 110061266428
EPA Region: 04
Latitude: 29.65559
Longitude: -81.67012
Locational Data Source: FRS
Industry:
Indian Country: N

Enforcement and Compliance Summary

| | |
|---|-------------------------|
| Statute | RCRA |
| Insp (5 Years) | -- |
| Date of Last Inspection | -- |
| Current Compliance Status | No Violation Identified |
| Qtrs with NC (of 12) | 0 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | -- |
| Formal Enforcement Actions (5 years) | -- |
| Penalties from Formal Enforcement Actions (5 years) | -- |
| EPA Cases (5 years) | -- |
| Penalties from EPA Cases (5 years) | -- |

Regulatory Information

Clean Air Act (CAA): No Information
Clean Water Act (CWA): No Information
Resource Conservation and Recovery Act (RCRA): Active (FLR000228833)
Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): Information
Greenhouse Gas Emissions (eGGGT): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

| System | Statute | Identifier | Universe | Status | Areas | Permit Expiration Date | Indian Country | Latitude | Longitude |
|----------|---------|--------------|----------|------------|-------|------------------------|----------------|----------|-----------|
| FRS | | 110061266428 | | | | | N | 29.65559 | -81.67012 |
| RCRAInfo | RCRA | FLR000228833 | SQG | Active (H) | | | N | | |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address |
|----------|---------|--------------|---------------------------|---|
| FRS | | 110061266428 | LOWES OF PALATKA FL #1820 | 500 NORTH STATE ROAD 19, PALATKA, FL 32177 |
| RCRAInfo | RCRA | FLR000228833 | LOWES OF PALATKA FL #1820 | 500 N STATE ROAD 19, PALATKA, FL 32177-2417 |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|--------------------------|------------|----------|-----------------|
| No data records returned | | | |

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|----------|--------------|------------|-------------------|
| RCRAInfo | FLR000228833 | 444110 | Home Centers |

Facility Tribe Information

| Reservation Name | Tribe Name | EPA Tribal ID | Distance to Tribe (miles) |
|--------------------------|------------|---------------|---------------------------|
| No data records returned | | | |

Enforcement and Compliance

Compliance Monitoring History (5 years)

| Statute | Source ID | System | Activity Type | Compliance Monitoring Type | Lead Agency | Date | Finding (if applicable) |
|--------------------------|-----------|--------|---------------|----------------------------|-------------|------|-------------------------|
| No data records returned | | | | | | | |

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/IPV (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Data Last Refreshed |
|---------|--------------|---|---------------|--------------------------------------|---------------------|
| RCRA | FLR000228833 | No | 05/09/2020 | 0 | 05/08/2020 |

Three-Year Compliance History by Quarter

| Statute/Program/Pollutant/Violation Type | QTR 1 | QTR 2 | QTR 3 | QTR 4 | QTR 5 | QTR 6 | QTR 7 | QTR 8 | QTR 9 | QTR 10 | QTR 11 | QTR 12+ |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RCRA (Source ID: FLR00022833) | 07/01-09/30/17 | 10/01-12/31/17 | 01/01-03/31/18 | 04/01-06/30/18 | 07/01-09/30/18 | 10/01-12/31/18 | 01/01-03/31/19 | 04/01-06/30/19 | 07/01-09/30/19 | 10/01-12/31/19 | 01/01-03/31/20 | 04/01-06/30/20 |
| Facility-Level Status | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified |

Informal Enforcement Actions (5 Years)

| Statute | System | Source ID | Type of Action | Lead Agency | Date |
|--------------------------|--------|-----------|----------------|-------------|------|
| No data records returned | | | | | |

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

| Statute | System | Law/Section | Source ID | Action Type | Case No. | Lead Agency | Case Name | Issued/Filed Date | Settlements/Actions | Settlement/Action Date | Federal Penalty | State/Local Penalty | SEP Cost | Comp Action Cost |
|--------------------------|--------|-------------|-----------|-------------|----------|-------------|-----------|-------------------|---------------------|------------------------|-----------------|---------------------|----------|------------------|
| No data records returned | | | | | | | | | | | | | | |

Environmental Conditions

Water Quality

| Permit ID | Combined Sewer System? | Number of CSO (Combined Sewer Overflow) Outfalls | 12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database)) | WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database)) | State Water Body Name (ICIS (Integrated Compliance Information System)) | Impaired Waters | Impaired Class | Causes of Impairment(s) by Group(s) | Watershed with ESA (Endangered Species Act)-listed Aquatic Species? |
|--------------------------|------------------------|--|--|---|---|-----------------|----------------|-------------------------------------|---|
| No data records returned | | | | | | | | | |

Water Body Designated Uses

| Reach Code | Water Body Name | Exceptional Use | Recreational Use | Aquatic Life Use | Shellfish Use | Beach Closure Within Last Year | Beach Closure Within Last Two Years |
|--------------------------|-----------------|-----------------|------------------|------------------|---------------|--------------------------------|-------------------------------------|
| No data records returned | | | | | | | |

Air Quality

| Nonattainment Area? | Pollutant(s) | Applicable Nonattainment Standard(s) |
|---------------------|--------------------|--------------------------------------|
| No | Ozone | |
| No | Lead | |
| No | Particulate Matter | |
| No | Carbon Monoxide | |
| No | Nitrogen Dioxide | |
| No | Sulfur Dioxide | |

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

| TRI Facility ID | Year | Total Air Emissions | Surface Water Discharges | Off-Site Transfers to POTWs (Publicly Owned Treatment Works) | Underground Injections | Releases to Land | Total On-site Releases | Total Off-site Transfers |
|--------------------------|------|---------------------|--------------------------|--|------------------------|------------------|------------------------|--------------------------|
| No data records returned | | | | | | | | |

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

| Chemical Name |
|--------------------------|
| No data records returned |

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

Census Block Group EJ Indexes (percentile)

| | |
|--------------------------------------|------|
| Particulate Matter (PM 2.5) | 89.1 |
| Ozone NATA Diesel PM | 88.7 |
| NATA Air Toxics Cancer Risk | 91.9 |
| NATA Respiratory Hazard Index (HI) | 92.9 |
| Traffic Proximity | 79.5 |
| Lead Paint Indicator | 81.4 |
| Superfund Proximity | 73.9 |
| Risk Management Plan (RMP) Proximity | 93.2 |
| Hazardous Waste Proximity | 74.6 |
| Wastewater Discharge Proximity | 91.5 |

Number of EJ Indexes Above 80th Percentile

7

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics

| | |
|---------------------------------|----------|
| Total Persons | -- |
| Population Density | 0/sq mi. |
| Percent Minority | -- |
| Households in Area | -- |
| Housing Units in Area | -- |
| Households on Public Assistance | -- |
| Persons Below Poverty Level | -- |

Geography

| | |
|-------------------------|-----------|
| Radius of Selected Area | 3 mi. |
| Center Latitude | 29.65559 |
| Center Longitude | -81.67012 |
| Land Area | -- |
| Water Area | -- |

Income Breakdown - Households (%)

| | |
|---------------------|----|
| Less than \$15,000 | -- |
| \$15,000 - \$25,000 | -- |
| \$25,000 - \$50,000 | -- |
| \$50,000 - \$75,000 | -- |

Age Breakdown - Persons (%)

| | |
|------------------------------|----|
| Children 5 years and younger | -- |
| Minors 17 years and younger | -- |
| Adults 18 years and older | -- |
| Seniors 65 years and older | -- |

Race Breakdown - Persons (%)

| | |
|------------------------|----|
| White | -- |
| African-American | -- |
| Hispanic-Origin | -- |
| Asian/Pacific Islander | -- |
| American Indian | -- |
| Other/Multiracial | -- |

Education Level (Persons 25 & older) - Persons (%)

| | |
|--|----|
| Less than 9th Grade | -- |
| 9th through 12th Grade | -- |
| High School Diploma | -- |
| Some College/2-year | -- |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | -- |

Income Breakdown - Households (%)

Greater than \$75,000

--

Detailed Facility Report

Facility Summary

LOWE'S OF PALATKA, FL

500 N. SR 19, PALATKA, FL 32177

FRS (Facility Registry Service) ID: 110015610855

EPA Region: 04

Latitude: 29.655508

Longitude: -81.670165

Locational Data Source: FRS

Industry: No description found

Indian Country: N

Enforcement and Compliance Summary

| | |
|---|-------------------|
| Statute | CWA |
| Insp (5 Years) | — |
| Date of Last Inspection | — |
| Current Compliance Status | Terminated Permit |
| Qtrs with NC (of 12) | 0 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | — |
| Formal Enforcement Actions (5 years) | — |
| Penalties from Formal Enforcement Actions (5 years) | — |
| EPA Cases (5 years) | — |
| Penalties from EPA Cases (5 years) | — |

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Minor, Permit Terminated; Compliance Tracking Off (FLR10M349)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGGI): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

| System | Statute | Identifier | Universe | Status | Areas | Permit Expiration Date | Indian Country | Latitude | Longitude |
|------------|---------|--------------|--|-------------------------------------|--------------------------|------------------------|----------------|-----------|------------|
| FRS | | 110015610855 | | | | | N | 29.655508 | -81.670165 |
| ICIS-NPDES | CWA | FLR10M349 | Minor: General Permit Covered Facility | Terminated; Compliance Tracking Off | Storm Water Construction | 07/10/2008 | N | 29.657778 | -81.672222 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address |
|------------|---------|--------------|-----------------------|---------------------------------|
| FRS | | 110015610855 | LOWE'S OF PALATKA, FL | 500 N. SR 19, PALATKA, FL 32177 |
| ICIS-NPDES | CWA | FLR10M349 | LOWE'S OF PALATKA, FL | 500 N. SR 19, PALATKA, FL 32177 |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|--------------------------|------------|----------|-----------------|
| No data records returned | | | |

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|--------------------------|------------|------------|-------------------|
| No data records returned | | | |

Facility Industrial Effluent Guidelines

| Identifier | Effluent Guideline (40 CFR Part) | Effluent Guideline Description |
|--------------------------|----------------------------------|--------------------------------|
| No data records returned | | |

Facility Tribe Information

| Reservation Name | Tribe Name | EPA Tribal ID | Distance to Tribe (miles) |
|--------------------------|------------|---------------|---------------------------|
| No data records returned | | | |

Enforcement and Compliance

Compliance Monitoring History (5 years)

| Statute | Source ID | System | Activity Type | Compliance Monitoring Type | Lead Agency | Date | Finding (if applicable) |
|--------------------------|-----------|--------|---------------|----------------------------|-------------|------|-------------------------|
| No data records returned | | | | | | | |

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/HPV (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Data Last Refreshed |
|---------|-----------|---|---------------|--------------------------------------|---------------------|
| CWA | FLR10M349 | No | 12/31/2019 | 0 | 05/08/2020 |

Three-Year Compliance History by Quarter

| Statute | Program/Pollutant/Violation Type | QTR 1 | QTR 2 | QTR 3 | QTR 4 | QTR 5 | QTR 6 | QTR 7 | QTR 8 | QTR 9 | QTR 10 | QTR 11 | QTR 12 | QTR 13 | QTR 14 |
|--|----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| CWA (Source ID: FLR10M349) | | 01/01-03/31/17 | 04/01-06/30/17 | 07/01-09/30/17 | 10/01-12/31/17 | 01/01-03/31/18 | 04/01-06/30/18 | 07/01-09/30/18 | 10/01-12/31/18 | 01/01-03/31/19 | 04/01-06/30/19 | 07/01-09/30/19 | 10/01-12/31/19 | 01/01-03/31/20 | 04/01-06/30/20 |
| Facility-Level Status | | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit |
| Quarterly Noncompliance Report History | | | | | | | | | | | | | | | |

Informal Enforcement Actions (5 Years)

| Statute | System | Source ID | Type of Action | Lead Agency | Date |
|--------------------------|--------|-----------|----------------|-------------|------|
| No data records returned | | | | | |

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

| Statute | System | Law/Section | Source ID | Action Type | Case No. | Lead Agency | Case Name | Issued/Filed Date | Settlements/Actions | Settlement/Action Date | Federal Penalty | State/Local Penalty | SEP Cost | Comp Action Cost |
|--------------------------|--------|-------------|-----------|-------------|----------|-------------|-----------|-------------------|---------------------|------------------------|-----------------|---------------------|----------|------------------|
| No data records returned | | | | | | | | | | | | | | |

Environmental Conditions

Water Quality

| Permit ID | Combined Sewer System? | Number of CSO (Combined Sewer Overflow) Outfalls | 12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database)) | WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database)) | State Water Body Name (ICIS (Integrated Impaired Waters Compliance Information System)) | Impaired Waters Class | Causes of Impairment(s) by Group(s) | Watershed with ESA (Endangered Species Act)-listed Aquatic Species? |
|-----------|------------------------|--|--|---|---|-----------------------|-------------------------------------|---|
| FLR10M349 | | | 030801030404 | Murphy Creek | | No | | Yes |

Water Body Designated Uses

| Reach Code | Water Body Name | Exceptional Use | Recreational Use | Aquatic Life Use | Shellfish Use | Beach Closure Within Last Year | Beach Closure Within Last Two Years |
|----------------|-----------------|-----------------|------------------|------------------|---------------|--------------------------------|-------------------------------------|
| 03080103002572 | Twomile Creek | No | No | No | No | No | No |

Air Quality

| Nonattainment Area? | Pollutant(s) | Applicable Nonattainment Standard(s) |
|---------------------|--------------------|--------------------------------------|
| No | Ozone | |
| No | Lead | |
| No | Particulate Matter | |
| No | Carbon Monoxide | |
| No | Nitrogen Dioxide | |
| No | Sulfur Dioxide | |

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

| TRI Facility ID | Year | Total Air Emissions | Surface Water Discharges | Off-Site Transfers to POTWs (Publicly Owned Treatment Works) | Underground Injections | Releases to Land | Total On-site Releases | Total Off-site Transfers |
|--------------------------|------|---------------------|--------------------------|--|------------------------|------------------|------------------------|--------------------------|
| No data records returned | | | | | | | | |

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

| Chemical Name |
|--------------------------|
| No data records returned |

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

Census Block Group EJ Indexes (percentile)

| | |
|--------------------------------------|------|
| Particulate Matter (PM 2.5) | 89.1 |
| Ozone NATA Diesel PM | 88.7 |
| NATA Air Toxics Cancer Risk | 91.9 |
| NATA Respiratory Hazard Index (HI) | 92.9 |
| Traffic Proximity | 79.5 |
| Lead Paint Indicator | 81.4 |
| Superfund Proximity | 73.9 |
| Risk Management Plan (RMP) Proximity | 93.2 |
| Hazardous Waste Proximity | 74.6 |
| Wastewater Discharge Proximity | 91.5 |

Number of EJ Indexes Above 80th Percentile

7

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics

| | |
|---------------------------------|------------|
| Total Persons | 18,224 |
| Population Density | 755/sq.mi. |
| Percent Minority | 46% |
| Households in Area | 6,892 |
| Housing Units in Area | 7,806 |
| Households on Public Assistance | 220 |
| Persons Below Poverty Level | 10,632 |

Geography

| | |
|-------------------------|------------|
| Radius of Selected Area | 3 mi. |
| Center Latitude | 29.655508 |
| Center Longitude | -81.670165 |
| Land Area | 87% |
| Water Area | 13% |

Income Breakdown - Households (%)

| | |
|---------------------|----------------|
| Less than \$15,000 | 2,077 (29.37%) |
| \$15,000 - \$25,000 | 1,209 (17.09%) |
| \$25,000 - \$50,000 | 1,622 (22.93%) |

Age Breakdown - Persons (%)

| | |
|------------------------------|--------------|
| Children 5 years and younger | 1,489 (8%) |
| Minors 17 years and younger | 4,895 (27%) |
| Adults 18 years and older | 13,329 (73%) |
| Seniors 65 years and older | 2,809 (15%) |

Race Breakdown - Persons (%)

| | |
|------------------------|--------------|
| White | 10,232 (56%) |
| African-American | 7,295 (40%) |
| Hispanic-Origin | 797 (4%) |
| Asian/Pacific Islander | 151 (1%) |
| American Indian | 49 (0%) |
| Other/Multiracial | 518 (3%) |

Education Level (Persons 25 & older) - Persons (%)

| | |
|--|----------------|
| Less than 9th Grade | 448 (3.84%) |
| 9th through 12th Grade | 1,894 (16.25%) |
| High School Diploma | 4,781 (41.03%) |
| Some College/2-year | 2,891 (24.81%) |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,638 (14.06%) |

Income Breakdown - Households (%)

| | |
|---------------------|----------------|
| \$50,000 - \$75,000 | 1,192 (16.85%) |
|---------------------|----------------|

| | |
|-----------------------|--------------|
| Greater than \$75,000 | 973 (13.76%) |
|-----------------------|--------------|

Detailed Facility Report

Facility Summary

MILLER TRANSPORTERS INC
2 KAY LARKIN CIR STE 1, PALATKA, FL
32177

FRS (Facility Registry Service) ID: 110043538945
EPA Region: 04
Latitude: 29.65588
Longitude: -81.69201
Locational Data Source: FRS
Industry: No description found
Indian Country: N

Enforcement and Compliance Summary

| | |
|---|-------------------------|
| Statute | RCRA |
| Insp (5 Years) | -- |
| Date of Last Inspection | -- |
| Current Compliance Status | No Violation Identified |
| Qtrs with NC (of 12) | 0 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | -- |
| Formal Enforcement Actions (5 years) | -- |
| Penalties from Formal Enforcement Actions (5 years) | -- |
| EPA Cases (5 years) | -- |
| Penalties from EPA Cases (5 years) | -- |

Regulatory Information

Clean Air Act (CAA): No Information
Clean Water Act (CWA): No Information
Resource Conservation and Recovery Act (RCRA): Active (FLT090080649)
Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGR): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

| System | Statute | Identifier | Universe | Status | Area | Permit Expiration Date | Indian Country | Latitude | Longitude |
|----------|---------|--------------|----------|------------|------|------------------------|----------------|----------|-----------|
| FRS | | 110043538945 | | | | | N | 29.65588 | -81.69201 |
| RCRAInfo | RCRA | FLT090080649 | VSQG | Active (H) | | | N | | |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address |
|----------|---------|--------------|-------------------------|--|
| FRS | | 110043538945 | MILLER TRANSPORTERS INC | 2 KAY LARKIN CIR STE 1, PALATKA, FL 32177 |
| RCRAInfo | RCRA | FLT090080649 | MILLER TRANSPORTERS INC | 2 KAY LARKIN CIR STE 1, PALATKA, FL 32177-2315 |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|--------------------------|------------|----------|-----------------|
| No data records returned | | | |

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|--------------------------|------------|------------|-------------------|
| No data records returned | | | |

Facility Tribe Information

| Reservation Name | Tribe Name | EPA Tribal ID | Distance to Tribe (miles) |
|--------------------------|------------|---------------|---------------------------|
| No data records returned | | | |

Enforcement and Compliance

Compliance Monitoring History (5 years)

| Statute | Source ID | System | Activity Type | Compliance Monitoring Type | Lead Agency | Date | Finding (if applicable) |
|--------------------------|-----------|--------|---------------|----------------------------|-------------|------|-------------------------|
| No data records returned | | | | | | | |

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/HPV (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Date Last Refreshed |
|---------|--------------|---|---------------|--------------------------------------|---------------------|
| RCRA | FLT090080649 | No | 05/09/2020 | 0 | 05/08/2020 |

Three-Year Compliance History by Quarter

| Statute | Program/Pollutant/Violation Type | QTR 1 | QTR 2 | QTR 3 | QTR 4 | QTR 5 | QTR 6 | QTR 7 | QTR 8 | QTR 9 | QTR 10 | QTR 11 | QTR 12+ |
|---------|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | RCRA (Source ID: FLT090080649) | 07/01-09/30/17 | 10/01-12/31/17 | 01/01-03/31/18 | 04/01-06/30/18 | 07/01-09/30/18 | 10/01-12/31/18 | 01/01-03/31/19 | 04/01-06/30/19 | 07/01-09/30/19 | 10/01-12/31/19 | 01/01-03/31/20 | 04/01-06/30/20 |
| | Facility-Level Status | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified |

Informal Enforcement Actions (5 Years)

| Statute | System | Source ID | Type of Action | Lead Agency | Date |
|--------------------------|--------|-----------|----------------|-------------|------|
| No data records returned | | | | | |

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

| Statute | System | Law/Section | Source ID | Action Type | Case No. | Lead Agency | Case Name | Issued/Filed Date | Settlements/Actions | Settlement/Action Date | Federal Penalty | State/Local Penalty | SEP Cost | Comp Action Cost |
|--------------------------|--------|-------------|-----------|-------------|----------|-------------|-----------|-------------------|---------------------|------------------------|-----------------|---------------------|----------|------------------|
| No data records returned | | | | | | | | | | | | | | |

Environmental Conditions

Water Quality

| Permit ID | Combined Sewer System? | Number of CSO (Combined Sewer Overflow) Outfalls | 12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database)) | WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database)) | State Water Body Name (ICIS (Integrated Compliance Information System)) | Impaired Waters | Impaired Class | Causes of Impairment(s) by Group(s) | Watershed with ESA (Endangered Species Act)-listed Aquatic Species? |
|--------------------------|------------------------|--|--|---|---|-----------------|----------------|-------------------------------------|---|
| No data records returned | | | | | | | | | |

Water Body Designated Uses

| Reach Code | Water Body Name | Exceptional Use | Recreational Use | Aquatic Life Use | Shellfish Use | Beach Closure Within Last Year | Beach Closure Within Last Two Years |
|--------------------------|-----------------|-----------------|------------------|------------------|---------------|--------------------------------|-------------------------------------|
| No data records returned | | | | | | | |

Air Quality

| Nonattainment Area? | Pollutant(s) | Applicable Nonattainment Standard(s) |
|---------------------|--------------------|--------------------------------------|
| No | Ozone | |
| No | Lead | |
| No | Particulate Matter | |
| No | Carbon Monoxide | |
| No | Nitrogen Dioxide | |
| No | Sulfur Dioxide | |

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

| TRI Facility ID | Year | Total Air Emissions | Surface Water Discharges | Off-Site Transfers to POTWs (Publicly Owned Treatment Works) | Underground Injections | Releases to Land | Total On-site Releases | Total Off-site Transfers |
|--------------------------|------|---------------------|--------------------------|--|------------------------|------------------|------------------------|--------------------------|
| No data records returned | | | | | | | | |

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

| Chemical Name |
|--------------------------|
| No data records returned |

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

| Census Block Group EJ Indexes (percentile) | |
|--|------|
| Particulate Matter (PM 2.5) | 89.1 |
| Ozone NATA Diesel PM | 88.7 |
| NATA Air Toxics Cancer Risk | 91.9 |
| NATA Respiratory Hazard Index (HI) | 92.9 |
| Traffic Proximity | 79.5 |
| Lead Paint Indicator | 81.4 |
| Superfund Proximity | 73.9 |
| Risk Management Plan (RMP) Proximity | 93.2 |
| Hazardous Waste Proximity | 74.6 |
| Wastewater Discharge Proximity | 91.5 |

| Number of EJ Indexes Above 80th Percentile |
|--|
| 7 |

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

| General Statistics | |
|---------------------------------|-------------|
| Total Persons | 15,272 |
| Population Density | 568/sq. mi. |
| Percent Minority | 42% |
| Households in Area | 5,814 |
| Housing Units in Area | 6,487 |
| Households on Public Assistance | 188 |
| Persons Below Poverty Level | 9,042 |

| Geography | |
|-------------------------|-----------|
| Radius of Selected Area | 3 mi. |
| Center Latitude | 29.65588 |
| Center Longitude | -81.69201 |
| Land Area | 96% |
| Water Area | 4% |

| Income Breakdown - Households (%) | |
|-----------------------------------|----------------|
| Less than \$15,000 | 1,729 (29.12%) |
| \$15,000 - \$25,000 | 1,024 (17.25%) |
| \$25,000 - \$50,000 | 1,404 (23.65%) |
| \$50,000 - \$75,000 | 946 (15.93%) |

| Age Breakdown - Persons (%) | |
|------------------------------|--------------|
| Children 5 years and younger | 1,186 (8%) |
| Minors 17 years and younger | 4,041 (26%) |
| Adults 18 years and older | 11,232 (74%) |
| Seniors 65 years and older | 2,440 (16%) |

| Race Breakdown - Persons (%) | |
|------------------------------|-------------|
| White | 9,226 (60%) |
| African-American | 5,436 (36%) |
| Hispanic-Origin | 652 (4%) |
| Asian/Pacific Islander | 120 (1%) |
| American Indian | 41 (0%) |
| Other/Multiracial | 449 (3%) |

| Education Level (Persons 25 & older) - Persons (%) | |
|--|----------------|
| Less than 9th Grade | 337 (3.44%) |
| 9th through 12th Grade | 1,666 (17.02%) |
| High School Diploma | 4,015 (41.03%) |
| Some College/2-year | 2,465 (25.19%) |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,303 (13.31%) |

| Income Breakdown - Households (%) | |
|-----------------------------------|--------------|
| Greater than \$75,000 | 834 (14.05%) |

Detailed Facility Report

Facility Summary

PUTNAM COMMUNITY MEDICAL CENTER
611 ZEAGLER DR, PALATKA, FL 32177

FRS (Facility Registry Service) ID: 110043768090
EPA Region: 04
Latitude: 29.64258
Longitude: -81.69351
Locational Data Source: FRS
Industry:
Indian Country: N

Enforcement and Compliance Summary

| Statute | RCRA |
|---|-------------------------|
| Insp (5 Years) | -- |
| Date of Last Inspection | -- |
| Current Compliance Status | No Violation Identified |
| Qtrs with NC (of 12) | 0 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | -- |
| Formal Enforcement Actions (5 years) | -- |
| Penalties from Formal Enforcement Actions (5 years) | -- |
| EPA Cases (5 years) | -- |
| Penalties from EPA Cases (5 years) | -- |

Regulatory Information

Clean Air Act (CAA): No Information
Clean Water Act (CWA): No Information
Resource Conservation and Recovery Act (RCRA): Active (FLR000177006)
Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGGI): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

| System | Statute | Identifier | Universe | Status | Areas | Permit Expiration Date | Indian Country | Latitude | Longitude |
|----------|---------|--------------|----------|------------|-------|------------------------|----------------|----------|-----------|
| FRS | | 110043768090 | | | | | N | 29.64258 | -81.69351 |
| RCRAInfo | RCRA | FLR000177006 | VSQG | Active (H) | | | N | | |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address |
|----------|---------|--------------|---------------------------------|--|
| FRS | | 110043768090 | PUTNAM COMMUNITY MEDICAL CENTER | 611 ZEAGLER DR, PALATKA, FL 32177 |
| RCRAInfo | RCRA | FLR000177006 | PUTNAM COMMUNITY MEDICAL CENTER | 611 ZEAGLER DR, PALATKA, FL 32177-3810 |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|--------------------------|------------|----------|-----------------|
| No data records returned | | | |

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|----------|--------------|------------|--|
| RCRAInfo | FLR000177006 | 622110 | General Medical and Surgical Hospitals |

Facility Tribe Information

| Reservation Name | Tribe Name | EPA Tribal ID | Distance to Tribe (miles) |
|--------------------------|------------|---------------|---------------------------|
| No data records returned | | | |

Enforcement and Compliance

Compliance Monitoring History (5 years)

| Statute | Source ID | System | Activity Type | Compliance Monitoring Type | Lead Agency | Date | Finding (if applicable) |
|--------------------------|-----------|--------|---------------|----------------------------|-------------|------|-------------------------|
| No data records returned | | | | | | | |

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/HPV (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Data Last Refreshed |
|---------|--------------|---|---------------|--------------------------------------|---------------------|
| RCRA | FLR000177006 | No | 05/09/2020 | 0 | 05/08/2020 |

Three-Year Compliance History by Quarter

| Statute | Program/Pollutant/Violation Type | QTR 1 | QTR 2 | QTR 3 | QTR 4 | QTR 5 | QTR 6 | QTR 7 | QTR 8 | QTR 9 | QTR 10 | QTR 11 | QTR 12+ |
|---------|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | RCRA (Source ID: FLR000177006) | 07/01-09/30/17 | 10/01-12/31/17 | 01/01-03/31/18 | 04/01-06/30/18 | 07/01-09/30/18 | 10/01-12/31/18 | 01/01-03/31/19 | 04/01-06/30/19 | 07/01-09/30/19 | 10/01-12/31/19 | 01/01-03/31/20 | 04/01-06/30/20 |
| | Facility-Level Status | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified |

Informal Enforcement Actions (5 Years)

| Statute | System | Source ID | Type of Action | Lead Agency | Date |
|--------------------------|--------|-----------|----------------|-------------|------|
| No data records returned | | | | | |

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

| Statute | System | Law/Section | Source ID | Action Type | Case No. | Lead Agency | Case Name | Issued/Filed Date | Settlements/Actions | Settlement/Action Date | Federal Penalty | State/Local Penalty | SEP Cost | Comp Action Cost |
|--------------------------|--------|-------------|-----------|-------------|----------|-------------|-----------|-------------------|---------------------|------------------------|-----------------|---------------------|----------|------------------|
| No data records returned | | | | | | | | | | | | | | |

Environmental Conditions

Water Quality

| Permit ID | Combined Sewer System? | Number of CSO (Combined Sewer Overflow) Outfalls | 12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database)) | WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database)) | State Water Body Name (ICIS (Integrated Compliance Information System)) | Impaired Waters | Impaired Class | Causes of Impairment(s) by Group(s) | Watershed with ESA (Endangered Species Act)-listed Aquatic Species? |
|--------------------------|------------------------|--|--|---|---|-----------------|----------------|-------------------------------------|---|
| No data records returned | | | | | | | | | |

Water Body Designated Uses

| Reach Code | Water Body Name | Exceptional Use | Recreational Use | Aquatic Life Use | Shellfish Use | Beach Closure Within Last Year | Beach Closure Within Last Two Years |
|--------------------------|-----------------|-----------------|------------------|------------------|---------------|--------------------------------|-------------------------------------|
| No data records returned | | | | | | | |

Air Quality

| Nonattainment Area? | Pollutant(s) | Applicable Nonattainment Standard(s) |
|---------------------|--------------------|--------------------------------------|
| No | Ozone | |
| No | Lead | |
| No | Particulate Matter | |
| No | Carbon Monoxide | |
| No | Nitrogen Dioxide | |
| No | Sulfur Dioxide | |

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

| TRI Facility ID | Year | Total Air Emissions | Surface Water Discharges | Off-Site Transfers to POTWs (Publicly Owned Treatment Works) | Underground Injections | Releases to Land | Total On-site Releases | Total Off-site Transfers |
|--------------------------|------|---------------------|--------------------------|--|------------------------|------------------|------------------------|--------------------------|
| No data records returned | | | | | | | | |

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

| Chemical Name |
|--------------------------|
| No data records returned |

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

| Census Block Group EJ Indexes (percentile) | |
|--|------|
| Particulate Matter (PM 2.5) | 89.1 |
| Ozone NATA Diesel PM | 88.7 |
| NATA Air Toxics Cancer Risk | 91.9 |
| NATA Respiratory Hazard Index (HI) | 92.9 |
| Traffic Proximity | 79.5 |
| Lead Paint Indicator | 81.4 |
| Superfund Proximity | 73.9 |
| Risk Management Plan (RMP) Proximity | 93.2 |
| Hazardous Waste Proximity | 74.6 |
| Wastewater Discharge Proximity | 91.5 |

| Number of EJ Indexes Above 80th Percentile |
|--|
| 7 |

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

| General Statistics | |
|---------------------------------|-------------|
| Total Persons | 17,084 |
| Population Density | 608/sq. mi. |
| Percent Minority | 39% |
| Households in Area | 6,538 |
| Housing Units in Area | 7,269 |
| Households on Public Assistance | 195 |
| Persons Below Poverty Level | 9,602 |

| Geography | |
|-------------------------|-----------|
| Radius of Selected Area | 3 mi. |
| Center Latitude | 29.64258 |
| Center Longitude | -81.69351 |
| Land Area | 99% |
| Water Area | 1% |

| Income Breakdown - Households (%) | |
|-----------------------------------|----------------|
| Less than \$15,000 | 1,816 (27.15%) |
| \$15,000 - \$25,000 | 1,064 (15.91%) |
| \$25,000 - \$50,000 | 1,554 (23.24%) |
| \$50,000 - \$75,000 | 1,215 (18.17%) |

| Age Breakdown - Persons (%) | |
|------------------------------|--------------|
| Children 5 years and younger | 1,318 (8%) |
| Minors 17 years and younger | 4,428 (26%) |
| Adults 18 years and older | 12,656 (74%) |
| Seniors 65 years and older | 2,717 (16%) |

| Race Breakdown - Persons (%) | |
|------------------------------|--------------|
| White | 10,886 (64%) |
| African-American | 5,516 (32%) |
| Hispanic-Origin | 743 (4%) |
| Asian/Pacific Islander | 130 (1%) |
| American Indian | 44 (0%) |
| Other/Multiracial | 509 (3%) |

| Education Level (Persons 25 & older) - Persons (%) | |
|--|----------------|
| Less than 9th Grade | 336 (3.02%) |
| 9th through 12th Grade | 1,750 (15.74%) |
| High School Diploma | 4,625 (41.6%) |
| Some College/2-year | 2,857 (25.7%) |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,540 (13.93%) |

Income Breakdown - Households (%)

Greater than \$75,000

1,039 (15.54%)

Detailed Facility Report

Facility Summary

REHABILITATE RW 17-35 & TW C

301 KAY LARKIN DR, PALATKA, FL 32177

FRS (Facility Registry Service) ID: 110028291774

EPA Region: 04

Latitude: 29.65029

Longitude: -81.69177

Locational Data Source: FRS

Industry: No description found

Indian Country: N

Enforcement and Compliance Summary

| | |
|---|-------------------|
| Statute | CWA |
| Insp (5 Years) | -- |
| Date of Last Inspection | -- |
| Current Compliance Status | Terminated Permit |
| Qtrs with NC (of 12) | 0 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | -- |
| Formal Enforcement Actions (5 years) | -- |
| Penalties from Formal Enforcement Actions (5 years) | -- |
| EPA Cases (5 years) | -- |
| Penalties from EPA Cases (5 years) | -- |

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Minor, Permit Terminated; Compliance Tracking Off (FLR10EE97)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): Information
Greenhouse Gas Emissions (eGG&T): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

| System | Statute | Identifier | Universe | Status | Areas | Permit Expiration Date | Indian Country | Latitude | Longitude |
|------------|---------|--------------|--|-------------------------------------|--------------------------|------------------------|----------------|-----------|------------|
| FRS | | 110028291774 | | | | | N | 29.65029 | -81.69177 |
| ICIS-NPDES | CWA | FLR10EE97 | Minor: General Permit Covered Facility | Terminated; Compliance Tracking Off | Storm Water Construction | 12/02/2011 | N | 29.652398 | -81.691752 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address |
|------------|---------|--------------|------------------------------|--------------------------------------|
| FRS | | 110028291774 | REHABILITATE RW 17-35 & TW C | 301 KAY LARKIN DR, PALATKA, FL 32177 |
| ICIS-NPDES | CWA | FLR10EE97 | REHABILITATE RW 17-35 & TW C | 301 KAY LARKIN DR, PALATKA, FL 32177 |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|--------------------------|------------|----------|-----------------|
| No data records returned | | | |

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|--------------------------|------------|------------|-------------------|
| No data records returned | | | |

Facility Industrial Effluent Guidelines

| Identifier | Effluent Guideline (40 CFR Part) | Effluent Guideline Description |
|--------------------------|----------------------------------|--------------------------------|
| No data records returned | | |

Facility Tribe Information

| Reservation Name | Tribe Name | EPA Tribal ID | Distance to Tribe (miles) |
|--------------------------|------------|---------------|---------------------------|
| No data records returned | | | |

Enforcement and Compliance

Compliance Monitoring History (5 years)

| Statute | Source ID | System | Activity Type | Compliance Monitoring Type | Lead Agency | Date | Finding (if applicable) |
|--------------------------|-----------|--------|---------------|----------------------------|-------------|------|-------------------------|
| No data records returned | | | | | | | |

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/HPV (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Data Last Refreshed |
|---------|-----------|---|---------------|--------------------------------------|---------------------|
| CWA | FLR10EE97 | No | 12/31/2019 | 0 | 05/08/2020 |

Three-Year Compliance History by Quarter

| Statute | Program/Pollutant/Violation Type | QTR 1 | QTR 2 | QTR 3 | QTR 4 | QTR 5 | QTR 6 | QTR 7 | QTR 8 | QTR 9 | QTR 10 | QTR 11 | QTR 12 | QTR 13+ |
|--|----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| CWA (Source ID: FLR10EE97) | | 01/01-03/31/17 | 04/01-06/30/17 | 07/01-09/30/17 | 10/01-12/31/17 | 01/01-03/31/18 | 04/01-06/30/18 | 07/01-09/30/18 | 10/01-12/31/18 | 01/01-03/31/19 | 04/01-06/30/19 | 07/01-09/30/19 | 10/01-12/31/19 | 01/01-03/08/20 |
| Facility-Level Status | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit |
| Quarterly Noncompliance Report History | | | | | | | | | | | | | | |

Informal Enforcement Actions (5 Years)

| Statute | System | Source ID | Type of Action | Lead Agency | Date |
|--------------------------|--------|-----------|----------------|-------------|------|
| No data records returned | | | | | |

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

| Statute | System | Law/Section | Source ID | Action Type | Case No. | Lead Agency | Case Name | Issued/Filed Date | Settlements/Actions | Settlement/Action Date | Federal Penalty | State/Local Penalty | SEP Cost | Comp Action Cost |
|--------------------------|--------|-------------|-----------|-------------|----------|-------------|-----------|-------------------|---------------------|------------------------|-----------------|---------------------|----------|------------------|
| No data records returned | | | | | | | | | | | | | | |

Environmental Conditions

Water Quality

| Permit ID | Combined Sewer System? | Number of CSO (Combined Sewer Overflow) Outfalls | 12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database)) | WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database)) | State Water Body Name (ICIS (Integrated Impaired Waters Class Compliance Information System)) | Causes of Impairment(s) by Group(s) | Waterbody with ESA (Endangered Species Act)-listed Aquatic Species? |
|-----------|------------------------|--|--|---|---|-------------------------------------|---|
| FLR10EE97 | | | 030801030404 | Murphy Creek | No | | Yes |

Water Body Designated Uses

| Reach Code | Water Body Name | Exceptional Use | Recreational Use | Aquatic Life Use | Shellfish Use | Beach Closure Within Last Year | Beach Closure Within Last Two Years |
|----------------|-----------------|-----------------|------------------|------------------|---------------|--------------------------------|-------------------------------------|
| 03080103002441 | Devall Branch | No | No | No | No | No | No |

Air Quality

| Nonattainment Area? | Pollutant(s) | Applicable Nonattainment Standard(s) |
|---------------------|--------------------|--------------------------------------|
| No | Ozone | |
| No | Lead | |
| No | Particulate Matter | |
| No | Carbon Monoxide | |
| No | Nitrogen Dioxide | |
| No | Sulfur Dioxide | |

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

| TRI Facility ID | Year | Total Air Emissions | Surface Water Discharges | Off-Site Transfers to POTWs (Publicly Owned Treatment Works) | Underground Injections | Releases to Land | Total On-site Releases | Total Off-site Transfers |
|--------------------------|------|---------------------|--------------------------|--|------------------------|------------------|------------------------|--------------------------|
| No data records returned | | | | | | | | |

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

| Chemical Name |
|--------------------------|
| No data records returned |

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

| Census Block Group EJ Indexes (percentile) | |
|--|------|
| Particulate Matter (PM 2.5) | 89.1 |
| Ozone NATA Diesel PM | 88.7 |
| NATA Air Toxics Cancer Risk | 91.9 |
| NATA Respiratory Hazard Index (HI) | 92.9 |
| Traffic Proximity | 79.5 |
| Lead Paint Indicator | 81.4 |
| Superfund Proximity | 73.9 |
| Risk Management Plan (RMP) Proximity | 93.2 |
| Hazardous Waste Proximity | 74.6 |
| Wastewater Discharge Proximity | 91.5 |

| Number of EJ Indexes Above 80th Percentile |
|--|
| 7 |

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

| General Statistics | |
|---------------------------------|------------|
| Total Persons | 17,122 |
| Population Density | 619/sq mi. |
| Percent Minority | 42% |
| Households in Area | 6,502 |
| Housing Units in Area | 7,244 |
| Households on Public Assistance | 268 |
| Persons Below Poverty Level | 9,997 |

| Geography | |
|-------------------------|-----------|
| Radius of Selected Area | 3 mi. |
| Center Latitude | 29.65029 |
| Center Longitude | -81.69177 |
| Land Area | 98% |
| Water Area | 2% |

| Income Breakdown - Households (%) | |
|-----------------------------------|----------------|
| Less than \$15,000 | 1,886 (28.16%) |
| \$15,000 - \$25,000 | 1,108 (16.54%) |
| \$25,000 - \$50,000 | 1,582 (23.62%) |

| Age Breakdown - Persons (%) | |
|------------------------------|--------------|
| Children 5 years and younger | 1,381 (8%) |
| Minors 17 years and younger | 4,596 (27%) |
| Adults 18 years and older | 12,526 (73%) |
| Seniors 65 years and older | 2,675 (16%) |

| Race Breakdown - Persons (%) | |
|------------------------------|--------------|
| White | 10,377 (61%) |
| African-American | 6,079 (36%) |
| Hispanic-Origin | 738 (4%) |
| Asian/Pacific Islander | 123 (1%) |
| American Indian | 44 (0%) |
| Other/Multiracial | 500 (3%) |

| Education Level (Persons 25 & older) - Persons (%) | |
|--|----------------|
| Less than 9th Grade | 357 (3.22%) |
| 9th through 12th Grade | 1,797 (16.22%) |
| High School Diploma | 4,630 (41.79%) |
| Some College/2-year | 2,807 (25.34%) |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,488 (13.43%) |

| Income Breakdown - Households (%) | |
|-----------------------------------|----------------|
| \$50,000 - \$75,000 | 1,154 (17.23%) |
| Greater than \$75,000 | 968 (14.45%) |

Detailed Facility Report

Facility Summary

WAL-MART #551

101 US HWY N, PALATKA, FL 32177

FRS (Facility Registry Service) ID: 110012584168

EPA Region: 04

Latitude: 29.648056

Longitude: -81.673889

Locational Data Source: RCRAINFO

Industry:

Indian Country: N

Enforcement and Compliance Summary

| | |
|---|-------------------------|
| Statute | RCRA |
| Insp (5 Years) | -- |
| Date of Last Inspection | -- |
| Current Compliance Status: | No Violation Identified |
| Qtrs with NC (of 12) | 0 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | -- |
| Formal Enforcement Actions (5 years) | -- |
| Penalties from Formal Enforcement Actions (5 years) | -- |
| EPA Cases (5 years) | -- |
| Penalties from EPA Cases (5 years) | -- |

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Inactive (FLR000075457)

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGGI): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

| System | Statute | Identifier | Universe | Status | Areas | Permit Expiration Date | Indian Country | Latitude | Longitude |
|----------|---------|--------------|----------|--------------|-------|------------------------|----------------|-----------|------------|
| FRS | | 110012584168 | | | | | N | 29.648056 | -81.673889 |
| RCRAInfo | RCRA | FLR000075457 | Other | Inactive () | | | N | 29.648056 | -81.673889 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address |
|----------|---------|--------------|---------------|--------------------------------------|
| FRS | | 110012584168 | WAL-MART #551 | 101 US HWY N, PALATKA, FL 32177 |
| RCRAInfo | RCRA | FLR000075457 | WAL-MART #551 | 101 US HWY N, PALATKA, FL 32177-9000 |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|--------------------------|------------|----------|-----------------|
| No data records returned | | | |

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|----------|--------------|------------|----------------------------------|
| RCRAInfo | FLR000075457 | 452311 | Warehouse Clubs and Supercenters |

Facility Tribe Information

| Reservation Name | Tribe Name | EPA Tribal ID | Distance to Tribe (miles) |
|--------------------------|------------|---------------|---------------------------|
| No data records returned | | | |

Enforcement and Compliance

Compliance Monitoring History (5 years)

| Statute | Source ID | System | Activity Type | Compliance Monitoring Type | Lead Agency | Date | Finding (if applicable) |
|--------------------------|-----------|--------|---------------|----------------------------|-------------|------|-------------------------|
| No data records returned | | | | | | | |

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/HPV (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Data Last Refreshed |
|---------|--------------|---|---------------|--------------------------------------|---------------------|
| RCRA | FLR000075457 | No | 05/09/2020 | 0 | 05/08/2020 |

Three-Year Compliance History by Quarter

| Statute/Program/Pollutant/Violation Type | QTR 1 | QTR 2 | QTR 3 | QTR 4 | QTR 5 | QTR 6 | QTR 7 | QTR 8 | QTR 9 | QTR 10 | QTR 11 | QTR 12+ |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RCRA (Source ID: FLR000075457) | 07/01-09/30/17 | 10/01-12/31/17 | 01/01-03/31/18 | 04/01-06/30/18 | 07/01-09/30/18 | 10/01-12/31/18 | 01/01-03/31/19 | 04/01-06/30/19 | 07/01-09/30/19 | 10/01-12/31/19 | 01/01-03/31/20 | 04/01-06/30/20 |
| Facility-Level Status | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified | No Violation Identified |

Informal Enforcement Actions (5 Years)

| Statute | System | Source ID | Type of Action | Lead Agency | Date |
|--------------------------|--------|-----------|----------------|-------------|------|
| No data records returned | | | | | |

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

| Statute | System | Law/Section | Source ID | Action Type | Case No. | Lead Agency | Case Name | Issued/Filed Date | Settlements/Actions | Settlement/Action Date | Federal Penalty | State/Local Penalty | SEP Cost | Comp Action Cost |
|--------------------------|--------|-------------|-----------|-------------|----------|-------------|-----------|-------------------|---------------------|------------------------|-----------------|---------------------|----------|------------------|
| No data records returned | | | | | | | | | | | | | | |

Environmental Conditions

Water Quality

| Permit ID | Combined Sewer System? | Number of CSO (Combined Sewer Overflow) Outfalls | 12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database)) | WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database)) | State Water Body Name (ICIS (Integrated Compliance Information System)) | Impaired Waters | Impaired Class | Causes of Impairment(s) by Group(s) | Watershed with ESA (Endangered Species Act)-listed Aquatic Species? |
|--------------------------|------------------------|--|--|---|---|-----------------|----------------|-------------------------------------|---|
| No data records returned | | | | | | | | | |

Water Body Designated Uses

| Reach Code | Water Body Name | Exceptional Use | Recreational Use | Aquatic Life Use | Shellfish Use | Beach Closure Within Last Year | Beach Closure Within Last Two Years |
|--------------------------|-----------------|-----------------|------------------|------------------|---------------|--------------------------------|-------------------------------------|
| No data records returned | | | | | | | |

Air Quality

| Nonattainment Area? | Pollutant(s) | Applicable Nonattainment Standard(s) |
|---------------------|--------------------|--------------------------------------|
| No | Ozone | |
| No | Lead | |
| No | Particulate Matter | |
| No | Carbon Monoxide | |
| No | Nitrogen Dioxide | |
| No | Sulfur Dioxide | |

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

| TRI Facility ID | Year | Total Air Emissions | Surface Water Discharges | Off-Site Transfers to POTWs (Publicly Owned Treatment Works) | Underground Injections | Releases to Land | Total On-site Releases | Total Off-site Transfers |
|--------------------------|------|---------------------|--------------------------|--|------------------------|------------------|------------------------|--------------------------|
| No data records returned | | | | | | | | |

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

| Chemical Name |
|--------------------------|
| No data records returned |

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

| Census Block Group EJ Indexes (percentile) | |
|--|------|
| Particulate Matter (PM 2.5) | 89.1 |
| Ozone NATA Diesel PM | 88.7 |
| NATA Air Toxics Cancer Risk | 91.9 |
| NATA Respiratory Hazard Index (HI) | 92.9 |
| Traffic Proximity | 79.5 |
| Lead Paint Indicator | 81.4 |
| Superfund Proximity | 73.9 |
| Risk Management Plan (RMP) Proximity | 93.2 |
| Hazardous Waste Proximity | 74.6 |
| Wastewater Discharge Proximity | 91.5 |

| Number of EJ Indexes Above 80th Percentile |
|--|
| 7 |

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DER Data Dictionary](#).

| General Statistics | |
|---------------------------------|------------|
| Total Persons | 18,870 |
| Population Density | 745/sq.mi. |
| Percent Minority | 45% |
| Households in Area | 7,143 |
| Housing Units in Area | 8,079 |
| Households on Public Assistance | 224 |
| Persons Below Poverty Level | 10,801 |

| Geography | |
|-------------------------|------------|
| Radius of Selected Area | 3 mi. |
| Center Latitude | 29.648056 |
| Center Longitude | -81.673889 |
| Land Area | 93% |
| Water Area | 7% |

| Income Breakdown - Households (%) | |
|-----------------------------------|----------------|
| Less than \$15,000 | 2,087 (28.44%) |
| \$15,000 - \$25,000 | 1,230 (16.76%) |
| \$25,000 - \$50,000 | 1,677 (22.86%) |
| \$50,000 - \$75,000 | 1,278 (17.42%) |

| Age Breakdown - Persons (%) | |
|------------------------------|--------------|
| Children 5 years and younger | 1,520 (8%) |
| Minors 17 years and younger | 5,038 (27%) |
| Adults 18 years and older | 13,832 (73%) |
| Seniors 65 years and older | 2,920 (15%) |

| Race Breakdown - Persons (%) | |
|------------------------------|--------------|
| White | 10,856 (58%) |
| African-American | 7,304 (39%) |
| Hispanic-Origin | 814 (4%) |
| Asian/Pacific Islander | 135 (1%) |
| American Indian | 50 (0%) |
| Other/Multiracial | 526 (3%) |

| Education Level (Persons 25 & older) - Persons (%) | |
|--|----------------|
| Less than 9th Grade | 459 (3.77%) |
| 9th through 12th Grade | 1,932 (15.86%) |
| High School Diploma | 5,030 (41.3%) |
| Some College/2-year | 3,022 (24.81%) |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,736 (14.25%) |

Income Breakdown - Housholds (%)

Greater than \$75,000

1,065 (14.52%)

Detailed Facility Report

Facility Summary

ZAXBYS

423 N SR-19, PALATKA, FL 32177

FRS (Facility Registry Service) ID: 110043751525

EPA Region: 04

Latitude: 29.654941

Longitude: -81.670507

Locational Data Source: FRS

Industry: No description found

Indian Country: N

Enforcement and Compliance Summary

| | |
|---|-------------------|
| Statute | CWA |
| Insp (5 Years) | -- |
| Date of Last Inspection | -- |
| Current Compliance Status | Terminated Permit |
| Qtrs with NC (of 12) | 0 |
| Qtrs with Significant Violation | 0 |
| Informal Enforcement Actions (5 years) | -- |
| Formal Enforcement Actions (5 years) | -- |
| Penalties from Formal Enforcement Actions (5 years) | -- |
| EPA Cases (5 years) | -- |
| Penalties from EPA Cases (5 years) | -- |

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Minor, Permit Terminated; Compliance Tracking Off (FLR10KN35)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGGI): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

| System | Statute | Identifier | Universe | Status | Areas | Permit Expiration Date | Indian Country | Latitude | Longitude |
|------------|---------|--------------|--|-------------------------------------|--------------------------|------------------------|----------------|------------|-------------|
| FRS | | 110043751525 | | | | | N | 29.654941 | -81.670507 |
| ICIS-NPDES | CWA | FLR10KN35 | Minor: General Permit Covered Facility | Terminated; Compliance Tracking Off | Storm Water Construction | 05/07/2016 | N | 29.6552222 | -81.6692778 |

Facility Address

| System | Statute | Identifier | Facility Name | Facility Address |
|------------|---------|--------------|---------------|--------------------------------|
| FRS | | 110043751525 | ZAXBYS | 423 N SR-19, PALATKA, FL 32177 |
| ICIS-NPDES | CWA | FLR10KN35 | ZAXBYS | 423 N SR-19, PALATKA, FL 32177 |

Facility SIC (Standard Industrial Classification) Codes

| System | Identifier | SIC Code | SIC Description |
|--------------------------|------------|----------|-----------------|
| No data records returned | | | |

Facility NAICS (North American Industry Classification System) Codes

| System | Identifier | NAICS Code | NAICS Description |
|--------------------------|------------|------------|-------------------|
| No data records returned | | | |

Facility Industrial Effluent Guidelines

| Identifier | Effluent Guideline (40 CFR Part) | Effluent Guideline Description |
|--------------------------|----------------------------------|--------------------------------|
| No data records returned | | |

Facility Tribe Information

| Reservation Name | Tribe Name | EPA Tribal ID | Distance to Tribe (miles) |
|--------------------------|------------|---------------|---------------------------|
| No data records returned | | | |

Enforcement and Compliance

Compliance Monitoring History (5 years)

| Statute | Source ID | System | Activity Type | Compliance Monitoring Type | Lead Agency | Date | Finding (if applicable) |
|--------------------------|-----------|--------|---------------|----------------------------|-------------|------|-------------------------|
| No data records returned | | | | | | | |

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

| Statute | Source ID | Current SNC (Significant Noncompliance)/HPV (High Priority Violation) | Current As Of | Qtrs with NC (Noncompliance) (of 12) | Data Last Refreshed |
|---------|-----------|---|---------------|--------------------------------------|---------------------|
| CWA | FLR10KN35 | No | 12/31/2019 | 0 | 05/08/2020 |

Three-Year Compliance History by Quarter

| Statute | Program/Pollutant/Violation Type | QTR 1 | QTR 2 | QTR 3 | QTR 4 | QTR 5 | QTR 6 | QTR 7 | QTR 8 | QTR 9 | QTR 10 | QTR 11 | QTR 12 | QTR 13+ |
|--|----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| CWA (Source ID: FLR10KN35) | | 01/01-03/31/17 | 04/01-06/30/17 | 07/01-09/30/17 | 10/01-12/31/17 | 01/01-03/31/18 | 04/01-06/30/18 | 07/01-09/30/18 | 10/01-12/31/18 | 01/01-03/31/19 | 04/01-06/30/19 | 07/01-09/30/19 | 10/01-12/31/19 | 01/01-03/31/20 |
| Facility-Level Status | Unknown | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit | Terminated Permit |
| Quarterly Noncompliance Report History | Undetermined | Undetermined | | | | | | | | | | | | |

Informal Enforcement Actions (5 Years)

| Statute | System | Source ID | Type of Action | Lead Agency | Date |
|--------------------------|--------|-----------|----------------|-------------|------|
| No data records returned | | | | | |

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

| Statute | System | Law/Section | Source ID | Action Type | Case No. | Lead Agency | Case Name | Issued/Filed Date | Settlements/Actions | Settlement/Action Date | Federal Penalty | State/Local Penalty | SEP Cost | Comp Action Cost |
|--------------------------|--------|-------------|-----------|-------------|----------|-------------|-----------|-------------------|---------------------|------------------------|-----------------|---------------------|----------|------------------|
| No data records returned | | | | | | | | | | | | | | |

Environmental Conditions

Water Quality

| Permit ID | Combined Sewer System? | Number of CSO (Combined Sewer Overflow) Outfalls | 12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database)) | WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database)) | State Water Body Name (ICIS (Integrated Compliance Information System)) | Impaired Waters | Impaired Class | Causes of Impairment(s) by Group(s) | Watershed with ESA (Endangered Species Act)-listed Aquatic Species? |
|-----------|------------------------|--|--|---|---|-----------------|----------------|-------------------------------------|---|
| FLR10KN35 | | | 030801030404 | Murphy Creek | | No | | | Yes |

Water Body Designated Uses

| Reach Code | Water Body Name | Exceptional Use | Recreational Use | Aquatic Life Use | Shellfish Use | Beach Closure Within Last Year | Beach Closure Within Last Two Years |
|----------------|-----------------|-----------------|------------------|------------------|---------------|--------------------------------|-------------------------------------|
| 03080103002572 | Twomile Creek | No | No | No | No | No | No |

Air Quality

| Nonattainment Area? | Pollutant(s) | Applicable Nonattainment Standard(s) |
|---------------------|--------------------|--------------------------------------|
| No | Ozone | |
| No | Lead | |
| No | Particulate Matter | |
| No | Carbon Monoxide | |
| No | Nitrogen Dioxide | |
| No | Sulfur Dioxide | |

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

| TRI Facility ID | Year | Total Air Emissions | Surface Water Discharges | Off-Site Transfers to POTWs (Publicly Owned Treatment Works) | Underground Injections | Releases to Land | Total On-site Releases | Total Off-site Transfers |
|--------------------------|------|---------------------|--------------------------|--|------------------------|------------------|------------------------|--------------------------|
| No data records returned | | | | | | | | |

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

| Chemical Name |
|--------------------------|
| No data records returned |

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

| Census Block Group EJ Indexes (percentile) | |
|--|------|
| Particulate Matter (PM 2.5) | 76.4 |
| Ozone NATA Diesel PM | 75.6 |
| NATA Air Toxics Cancer Risk | 79.4 |
| NATA Respiratory Hazard Index (IH) | 80.7 |
| Traffic Proximity | 81.4 |
| Lead Paint Indicator | 81.8 |
| Superfund Proximity | 67.5 |
| Risk Management Plan (RMP) Proximity | 84.6 |
| Hazardous Waste Proximity | 70.7 |
| Wastewater Discharge Proximity | 86.2 |

| Number of EJ Indexes Above 80th Percentile |
|--|
| 5 |

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

| General Statistics | |
|---------------------------------|------------|
| Total Persons | 18,298 |
| Population Density | 753/sq.mi. |
| Percent Minority | 46% |
| Households in Area | 6,922 |
| Housing Units in Area | 7,838 |
| Households on Public Assistance | 220 |
| Persons Below Poverty Level | 10,654 |

| Geography | |
|-------------------------|------------|
| Radius of Selected Area | 3 mi. |
| Center Latitude | 29.654941 |
| Center Longitude | -81.670507 |
| Land Area | 87% |
| Water Area | 13% |

| Income Breakdown - Households (%) | |
|-----------------------------------|----------------|
| Less than \$15,000 | 2,079 (29.27%) |
| \$15,000 - \$25,000 | 1,211 (17.05%) |
| \$25,000 - \$50,000 | 1,628 (22.92%) |

| Age Breakdown - Persons (%) | |
|------------------------------|--------------|
| Children 5 years and younger | 1,492 (8%) |
| Minors 17 years and younger | 4,910 (27%) |
| Adults 18 years and older | 13,388 (73%) |
| Seniors 65 years and older | 2,824 (15%) |

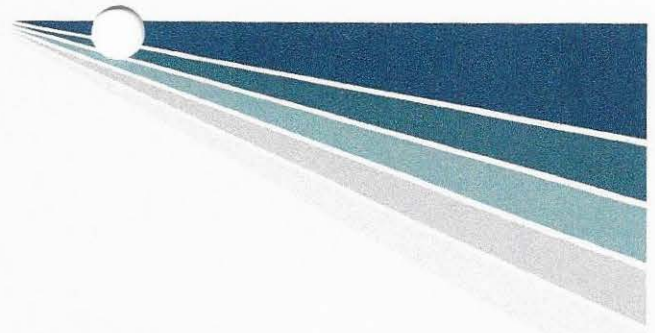
| Race Breakdown - Persons (%) | |
|------------------------------|--------------|
| White | 10,304 (56%) |
| African-American | 7,296 (40%) |
| Hispanic-Origin | 799 (4%) |
| Asian/Pacific Islander | 131 (1%) |
| American Indian | 49 (0%) |
| Other/Multiracial | 519 (3%) |

| Education Level (Persons 25 & older) - Persons (%) | |
|--|----------------|
| Less than 9th Grade | 449 (3.83%) |
| 9th through 12th Grade | 1,899 (16.22%) |
| High School Diploma | 4,809 (41.06%) |
| Some College/2-year | 2,905 (24.81%) |
| B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More | 1,649 (14.08%) |

Income Breakdown - Households (%)

| | |
|---------------------|----------------|
| \$50,000 - \$75,000 | 1,202 (16.92%) |
|---------------------|----------------|

| | |
|-----------------------|--------------|
| Greater than \$75,000 | 983 (13.84%) |
|-----------------------|--------------|



January 22, 2020

Nancy L. Debs, P.E.
Five Points Design Group, Inc.
10135 Gate Parkway North #807
Jacksonville, Florida 32246
Phone (904) 705-7354
ndebs@fivepointdsdgn.com

**Subject: Engineering Design of St. Johns Avenue Drainage Improvements
 From CR 309C to SR 19, Putnam County, Florida
 Financial Project ID: DEO Agreement No. HM007
 Initial Environmental Services for Phases 1 and 2
 JMT Project Number 19-02695-001**

Dear Ms. Debs:

Thank you for providing JMT the opportunity to team with Five Points Design Group, Inc. (FPDG) on the above-referenced project. JMT proposes to provide services associated with wetlands assessment and permitting; protected species (including gopher tortoises) assessments, management, and permitting (if necessary); and mitigation planning (if necessary).

Project Understanding

St. Johns Avenue is a high-trafficked, east-west, minor, arterial-spine road serving the City of Palatka and Central Putnam County. Many portions of St. Johns Avenue, its side roads, and fronting properties experienced high flooding during Hurricane Irma in September 2017. The installation of improved storm water conveyance and other features will alleviate flooding in the area and increase safety of existing evacuation shelters, health facilities, educational facilities, businesses, and residences. The proposed improvement covered under *Financial Project ID: DEO Agreement No. HM007* is a new storm water management facility with a closed conduit collection system to replace the existing sporadic ditch collection system. The county is currently releasing FPDG to begin work on only Phases 1 and 2 of the project (see attached figures), including up to 6 acres of an adjacent site, which will be used to construct a stormwater management facility (pond).

To assist FPDG in its evaluation of the relevant sections of St. Johns Avenue and the pond site, JMT proposes to execute the following tasks in consideration of the sums indicated:

Task 1: Wetland Field Delineation

Prior to field delineations, site specific mapping resources and other applicable literature shall be reviewed, including recent aerial photographs of the project area, United States Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS) soil surveys, United States Geological Survey (USGS) 7.5-minute quadrangle maps, and the United States Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) maps.

JMT shall delineate the extent and configuration of wetlands and surface waters (in Phases 1 and 2 including the 6-acre pond site) within the regulatory jurisdiction of St. Johns River Water Management District (SJRWMD) and US Army Corps of Engineers (USACE). Wetlands will be flagged within the proposed project area in accordance with federal and state guidelines (USACE Wetland Delineation Manual; 2010 SE Atlantic Regional Supplement and Chapter 62-340 F.A.C, respectively). Wetland limits shall be flagged in the field and located using a sub-meter-accurate (non-survey-grade) GPS.

Lump Sum Fee for Task 1: \$2,700.00

Task 2: Field Verification of Jurisdictional Wetlands

JMT will conduct one field meeting with SJRWMD to field-verify the wetland delineations, for informal acceptance of the wetland lines, in conjunction with permit applications to each agency. This task does not include obtaining formal wetland determinations from the agency, or any field verification with USACE, which may be required if it is found that project-area wetlands are under federal jurisdiction.

Lump Sum Fee for Task 2: \$800.00

Task 3: Regulatory Permitting

JMT will assist FPDG in the preparation of the Environmental Resource Permit (ERP) application to the SJRWMD. JMT will provide any necessary information pertaining to wetlands and protected species management, including GIS exhibits (location, land use, soils, wetlands, and threatened and endangered species localities), listed species evaluations, and wetland impact drawings. Additional documentation to be submitted by the Engineer of Record, which are not included in this task, include drainage calculations, a geotechnical report, and construction plans. Payment of application fee is responsibility of the Client/Owner, and not included in the amount below. Prior to submittal of the application materials to FPDG, JMT will accompany FPDG staff to a pre-application meeting at SJRWMD offices. This task includes responses to up to two Requests for Additional Information from SJRWMD and also submittal of Pre-Construction Notification to the U.S. Army Corps of Engineers.

Lump Sum Fee for Task 3: \$11,200.00

Task 4: Other Permitting Coordination (Optional)

If required by regulatory agencies to acquire a permit, JMT will coordinate purchase of wetland mitigation bank credits, on behalf of the Owner, to offset unavoidable impacts to wetlands. This amount below does not include purchase of mitigation bank credits; Owner to pay for wetland mitigation directly. As part of this task, JMT will also respond to any additional Requests for Additional Information from state and federal permitting efforts (Tasks 3 and 5, respectively).

Time and Materials Basis, Not-to-Exceed Amount for Task 4: \$5,000.00

Task 5: Regulatory Permitting: Additional Labor (Optional)

With assistance from FPDG for engineering data and plans, JMT will prepare a permit application (Form ENG 4345) for a Section 404 Dredge & Fill permit from USACE. The permit application will be supported by GIS exhibits (location, land use, soils, wetlands, and T&E), listed species evaluations to support USACE consultations under Section 7 of the Endangered Species Act (ESA), and wetland

impact drawings. This task does not include a pre-application meeting at USACE offices or responses to Requests for Additional Information. This task will be executed only upon separate written authorization by the client if and when wetlands are found to be under federal jurisdiction, or if jurisdiction is assumed in order to attenuate regulatory timelines.

Lump Sum Fee for Optional Task 4: \$3,900.00

Task 6: Reconnaissance-Level Gopher Tortoise Survey

The gopher tortoise (*Gopherus polyphemus*), a threatened species in Florida is protected by the Florida Fish and Wildlife Conservation Commission (FWC). FWC advises that to plan for potential future permitting for relocation of tortoises, a reconnaissance-level survey, comprising not less than 15% of the potentially occupied habitats that could be adversely affected by a project, should be conducted by a Florida-authorized Gopher Tortoise Agent (GTAA). JMT's GTAA will survey suitable habitats within the project area, including the 6-acre, candidate pond site. JMT will provide the Client with a map of the potentially occupied burrows and a report detailing the findings of the gopher tortoise survey and outlining the need for agency communication and/or permitting if warranted.

Subsequent, related tasks that are likely to be required by FWC include the following, but are not included at this time: (1) a 100%-coverage survey to be conducted within 90 days of any land alterations or encroachments within 25 feet of existing burrows; (2) permit application for the removal of tortoises; (3) mitigation fees for tortoise recipient sites; and (4) mechanical excavation of burrows and transfer of individuals to recipient site.

Lump-Sum Fee for Task 5 \$3,500.00

ASSUMPTIONS

It is understood that JMT will perform services under the sole direction of the Client. In the performance of these services, JMT will communicate its efforts with those of other project team members as required.

The following assumptions are made:

- The site is accessible and JMT is provided with full access to the property.
- There is no other jurisdictional agency involvement.

SERVICES NOT INCLUDED

The following services have not been included in this Amendment at this time:

- Gopher tortoise removal permitting, relocation, and/or mitigation planning.
- Coordination with FWC or other regulatory agencies

CLIENT-FURNISHED INFORMATION

JMT will rely upon the accuracy and completeness of Client-furnished information in connection with the performance of services under this proposal. Client shall provide JMT with project-related technical data including, but not limited to, the following:

- Boundary Survey of relevant parcels

SCHEDULE

JMT will begin work on this project within seven (7) business days of Notice to Proceed (NTP). The schedule is also subject to timely delivery of information promised by the Client and is exclusive of Client and local review of interim products.

We sincerely appreciate this opportunity to provide professional services for this project. Please sign where indicated and return hard copy, scan/email, or fax, one (1) copy to our office to constitute our NTP. If you have any questions regarding this proposal, please contact Jason Evert at (904) 476-9571 or jevert@jmt.com.

Sincerely,

Johnson, Mirmiran & Thompson, Inc.

A handwritten signature in blue ink, appearing to read 'Jorge Figueredo', with a stylized flourish extending to the right.

JORGE FIGUEREDO
Senior Vice President

Attached: Terms and Conditions

TERMS & CONDITIONS

A. General Provisions

JMT agrees that this proposal shall remain open for 60 days from the date of this proposal. Acceptance of the proposal after the end of the 60 day period is valid if JMT elects, in writing, to reaffirm the proposal and waive its right to re-evaluate and resubmit the proposal.

JMT reserves the right to renegotiate the contract which this proposal, if accepted, will comprise, on or after six (6) months from the date of this proposal, provided the Client is given 30 days of notice in writing, if salaries or operational costs increase in a sufficient amount. Our present quotation is based upon current salaries and operational costs.

It is understood and agreed that once work is started on this project by JMT, only the Client or its duly authorized representative has the authority to order the work stopped on his behalf and only upon giving JMT, 10 days of notice in writing, as to when the work shall stop. The Client further agrees to be liable and pay to JMT, for all labor done, work performed, materials furnished, and expenses incurred up to and including the day work is stopped in accordance with the notice.

JMT will provide the Client with data on electronic files; however, the Client acknowledges that data stored on electronic media can deteriorate undetected or be modified without the JMT's knowledge. Therefore, electronic files are provided without warranty or obligation on the part of JMT as to accuracy of information contained on the electronic files. All information on the electronic files must be independently verified by the Client and the Client agrees to indemnify and hold JMT harmless from any and all claims, damages, losses, and expenses including but not limited to attorney's fees arising out of the use of the electronic files.

Client acknowledges and agrees that JMT may include or otherwise reference the Project in its general project portfolio, and shall be entitled to identify the Project and the services performed by JMT for the Client in its general marketing materials, and for purposes of demonstrating relevant qualifications and experience. JMT shall also have the right to access the Project site to document, photograph, video, and/or record by any media or means, the Project at each phase, during construction and upon completion, for its own use and for other legitimate business purposes, including but not limited to exhibitions, or award competitions, or publication in journals. Any publication of the Project by Client or any representative of the Client, shall include reference to JMT and proper attribution and credit for its role in the Project.

B. Time of Payments and Litigation Expenses

JMT will submit monthly certified invoices for services rendered during the preceding month. Payments are due and payable within 30 days from the date of invoice. If Client fails to pay the full amount due for services and expenses within 30 days after date of invoice, the amount due will include a charge at the rate of 1-1/2% per month of the outstanding balance from said 30th day. In addition, in the event any invoice has not been paid in full by its due date, JMT may, after giving three (3) days

written notice to Client, suspend services under this Agreement until Client has paid in full amounts due JMT for services, expenses and interest.

In the event JMT deems it necessary to refer any unpaid invoices to its attorneys for the purposes of instituting collection or mechanic's liens proceedings, Client agrees to pay JMT's attorney's fees, court costs, and litigation expenses, including fees for expert witnesses, trial and deposition transcripts, cost of printing briefs, and travel expenses for witnesses, attorneys and employees.

In the event Client asserts a claim against JMT and/or JMT's subconsultants for any act arising out of performance of the services provided herein, whether by an original action, or by counterclaim set-off or other defense to any mechanic's lien or other claim asserted by JMT as a result of Client non-payment of fees and expenses for services rendered, and if Client fails to prevail in such action, counterclaim, set-off, or defense, Client agrees to pay all attorney's fees, costs and litigation expenses (including fees for expert witnesses, trial transcripts and deposition transcripts) incurred by JMT and/or JMT's subconsultants in opposing any such action, counterclaim, set-off or defense.

JMT may withhold the delivery, signature or sealing plans and specifications, and may repossess all plans and specifications previously delivered to or otherwise made available to Client, their agents or assigns, without incurring any liability for direct and/or consequential damages to Client or anyone claiming through them or on their behalf whenever JMT deems it necessary to ensure payment for services rendered. Should any claim for such damages be made, Client agrees to hold JMT harmless from all litigation expenses incurred by JMT as defined herein.

C. Additional Services

In the event additional services beyond those identified in the Scope of Work are required by the Client or by circumstances beyond JMT's control, JMT will furnish such services upon written authorization of the Client. Payment for Additional Services will be charged at the following hourly rates which are inclusive of labor, overhead, payroll burden and profit.

| <u>Classification</u> | <u>Hourly Rate</u> |
|-----------------------|--------------------|
| n/a | n/a |

Any changes to the previously approved submittals will be considered a change in scope of services and JMT will be entitled to additional compensation at the rates herein specified.

D. Insurance

JMT maintains Professional Liability, General Liability and Workmen's Compensation Insurance. On request, JMT will furnish Client certification of insurance.

E. Termination

In the event of termination of this Agreement by Client, Client shall pay JMT for services (including additional services) rendered, performed, or procured through such phase, including Expenses, at the

rates stated in the Agreement, plus all termination expenses. Termination expenses mean additional Reimbursable Expenses directly attributable to termination.

F. Indemnification and Limitation of Liability

Except as otherwise agreed, JMT shall hold harmless and indemnify the Client against injury, loss or damage arising out of the negligent acts, errors or omissions of JMT. The Client agrees to limit JMT's liability hereunder to Client and to all Construction Contractors and Subcontractors on the project, due to such negligent acts, errors or omissions, such the total aggregate liability of JMT to all those named shall not exceed JMT's total fee for services rendered on this project.

G. Standard of Care

JMT shall perform the services in a manner consistent with the degree of skill and care ordinarily exercised by members of the same profession currently practicing under the same conditions.

H. Severability

If any provision of this Agreement, or application thereof, shall be held invalid, the invalidity shall not affect the other provisions of the Agreement which can be given effect without the invalid provisions or applications, and to this end the provisions of this Agreement are declared to be severable.

WE HEREBY AUTHORIZE JOHNSON, MIRMIRAN & THOMPSON, INC. TO PROCEED IN ACCORDANCE WITH THE ABOVE PROPOSAL. IF ANY PROFESSIONAL SERVICES ARE ORDERED BY A REPRESENTATIVE OF THE CLIENT, FOR ITEMS LISTED ABOVE WITH A RETURNED ACCEPTANCE, THE PRICES AND TERMS OF THIS PROPOSAL SHALL BE IN EFFECT.

ORGANIZATION: _____ DATE: _____

BY: _____ TITLE _____

APPENDIX G
PROJECT AREA PHOTOS

