

LEGEND

- Mined Out 2017
- Mined Out 2018
- Reclamation Unit Boundary
- Suwannee River
- Project Boundary
- Road/Railroad

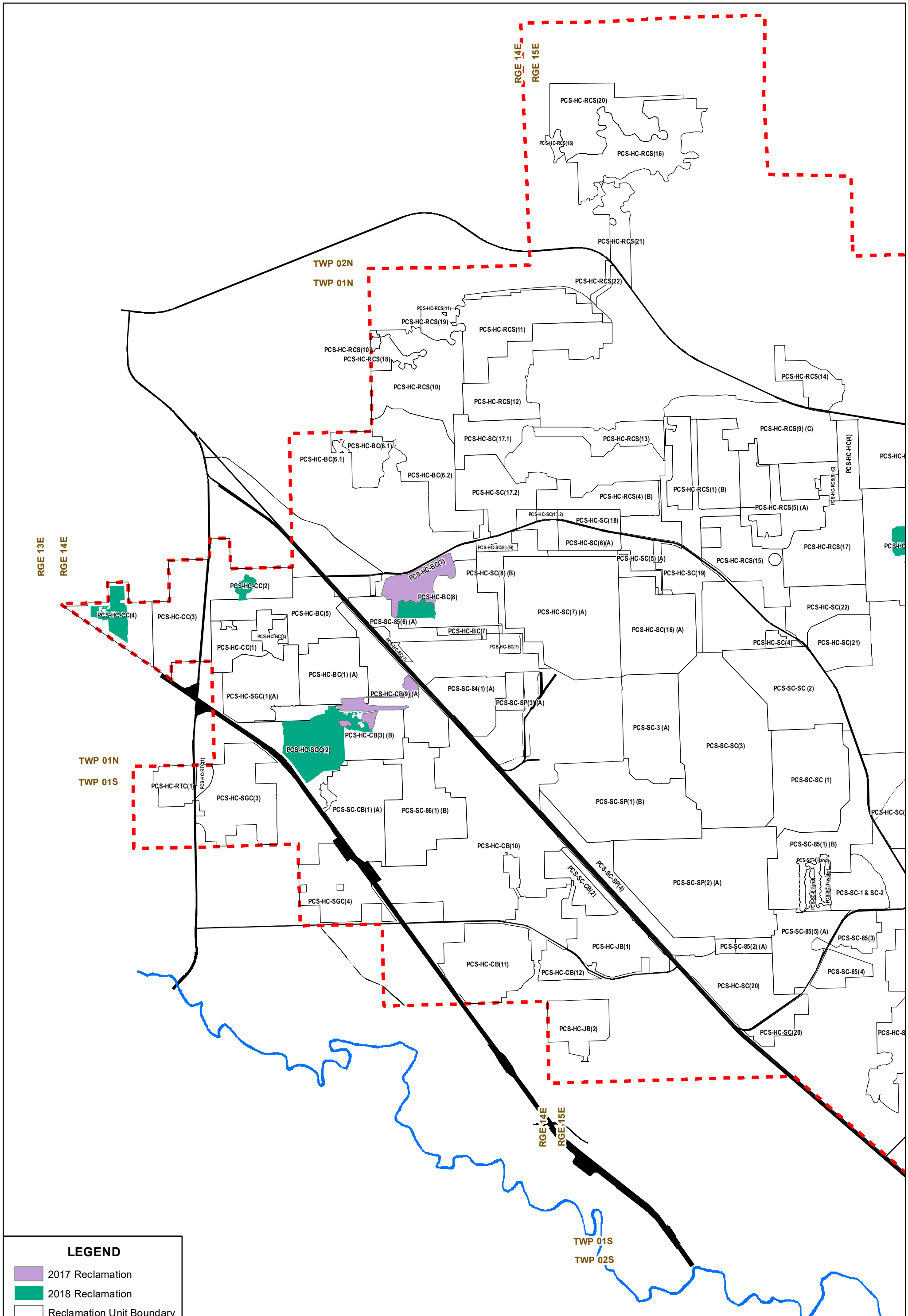


0 0.5 1 Miles



**MINING ACTIVITY
SINCE 2016 MPPA
HAMILTON COUNTY MINE**

**MAP NO:
VI-4a
2 OF 2**



LEGEND

- 2017 Reclamation
- 2018 Reclamation
- Reclamation Unit Boundary
- Suwannee River
- Project Boundary
- Road/Railroad

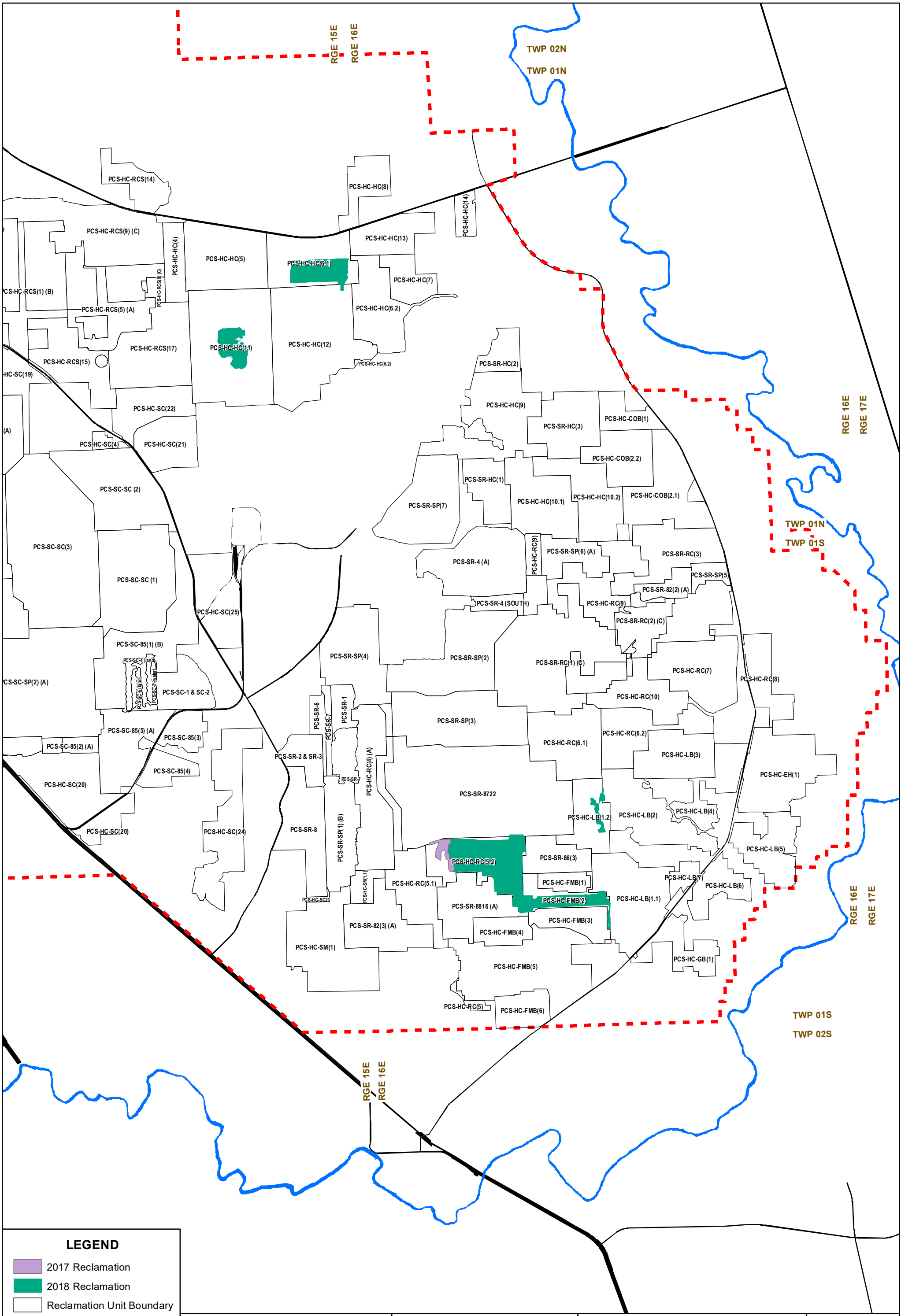


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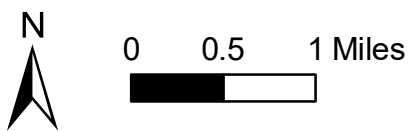
**RECLAMATION ACTIVITY
SINCE 2016 MMPA
HAMILTON COUNTY MINE**

**MAP NO:
VI-4b
1 OF 2**



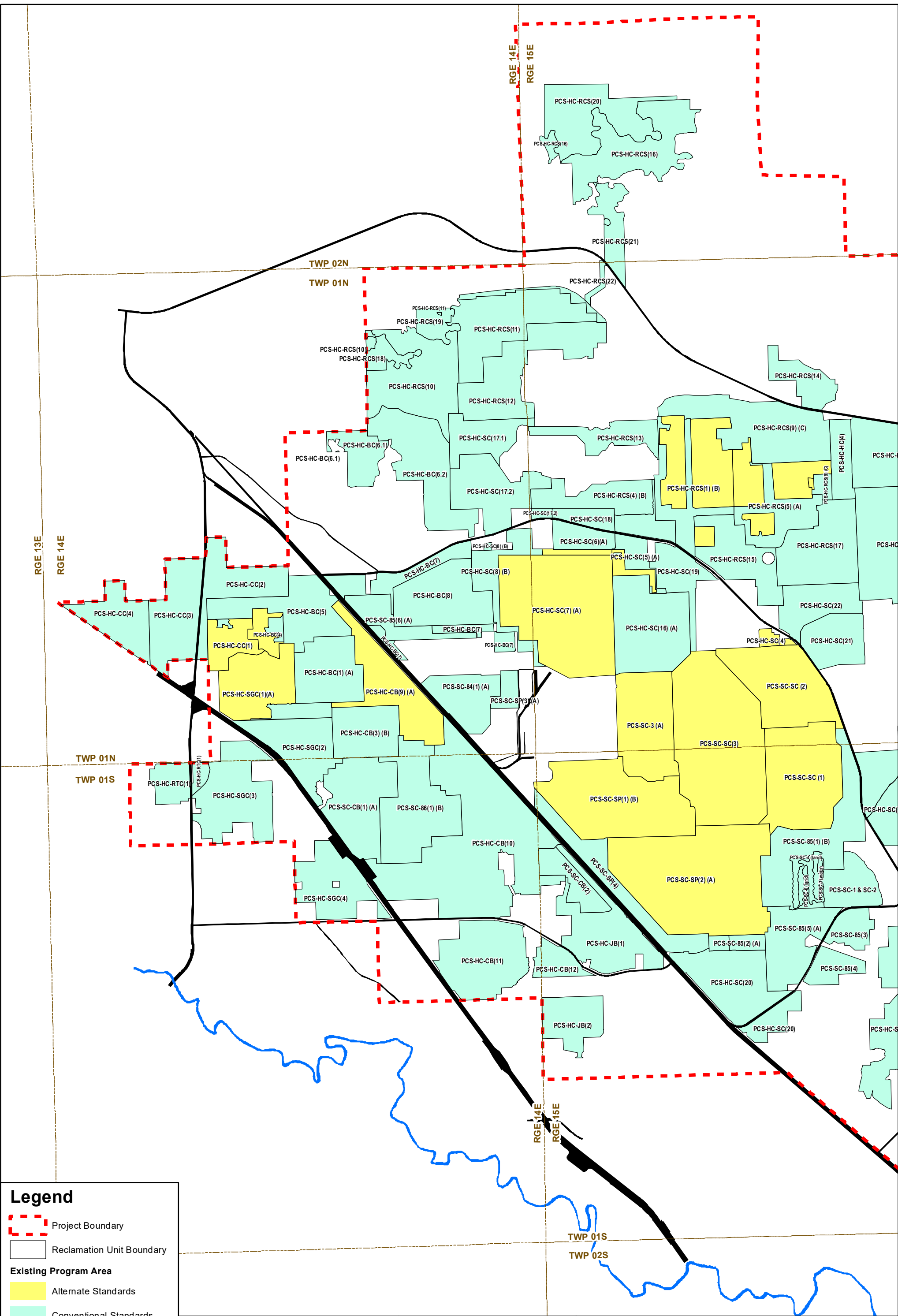
LEGEND

- 2017 Reclamation
- 2018 Reclamation
- Reclamation Unit Boundary
- Suwannee River
- Project Boundary
- Road/Railroad



**RECLAMATION ACTIVITY
SINCE 2016 MPPA
HAMILTON COUNTY MINE**

**MAP NO:
VI-4b
2 OF 2**



Legend

- Project Boundary
- Reclamation Unit Boundary
- Existing Program Area**
- Alternate Standards
- Conventional Standards
- Road/Railroad
- Suwannee River

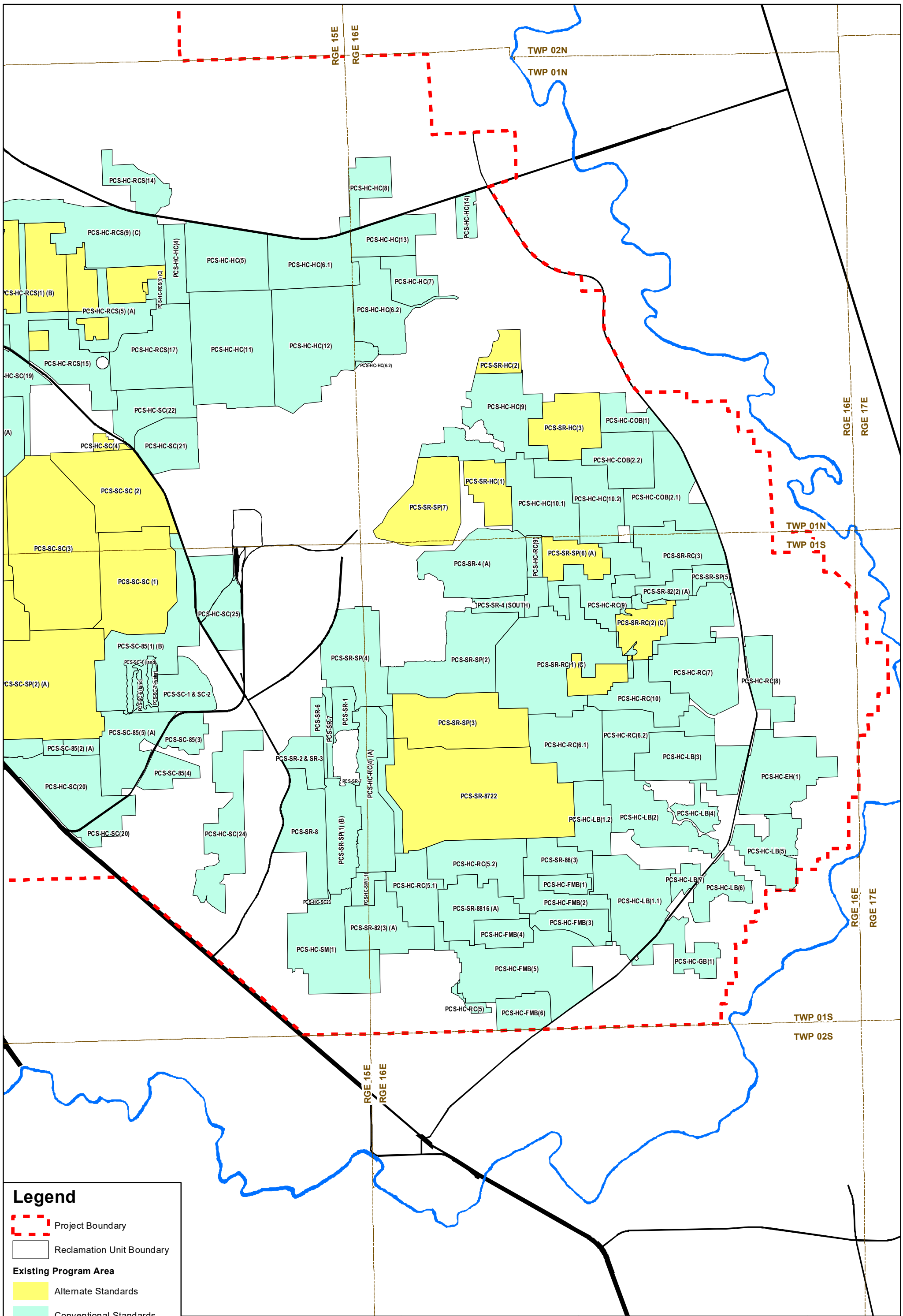


0 0.45 0.9 Miles



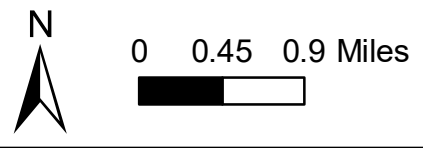
Alternate Standards Converted to Conventional Standards Hamilton County Mine

**MAP NO: VI-5
1 OF 2**



Legend

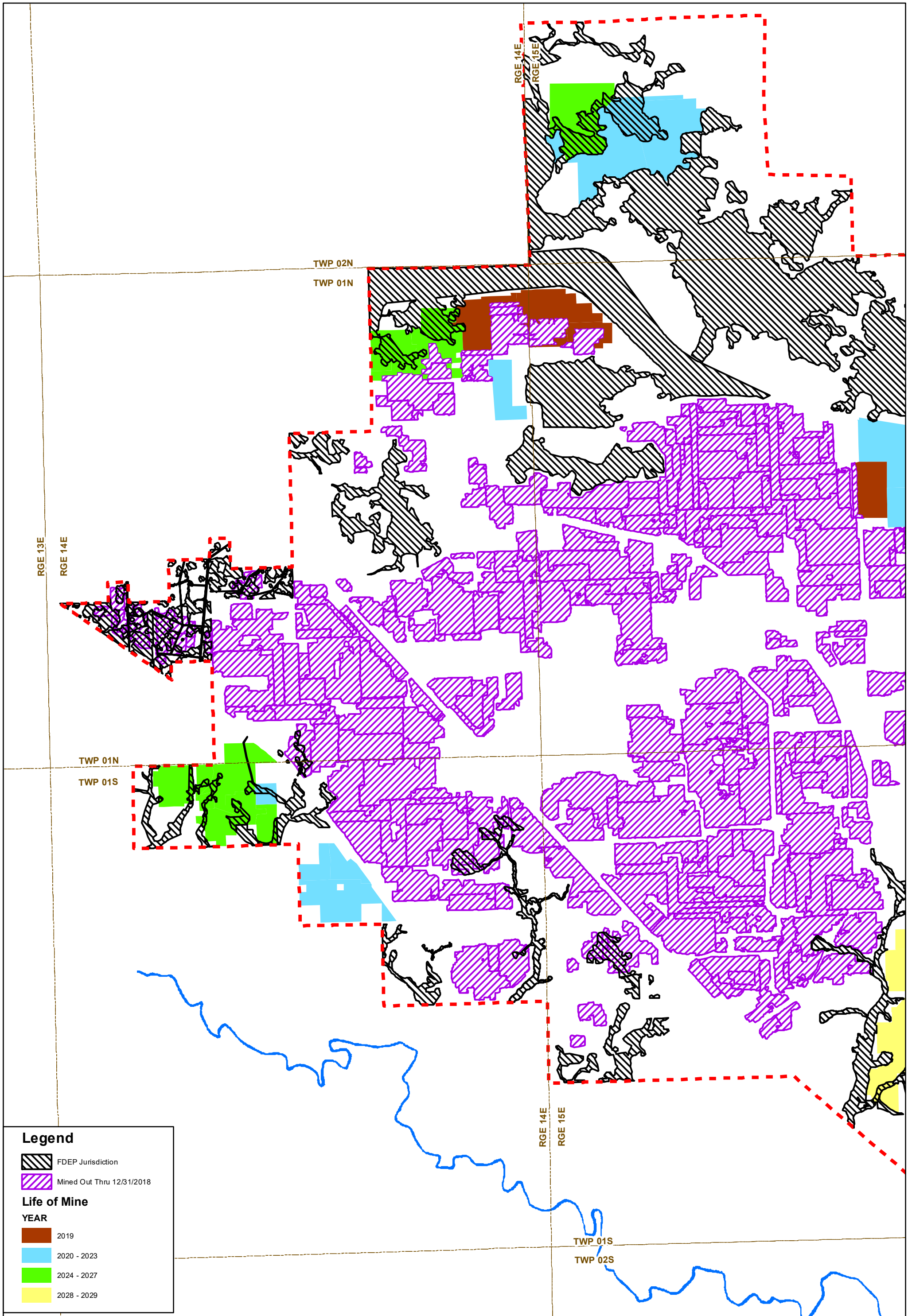
- Project Boundary
- Reclamation Unit Boundary
- Existing Program Area**
- Alternate Standards
- Conventional Standards
- Road/Railroad
- Suwannee River



**Alternate Standards Converted
to Conventional Standards
Hamilton County Mine**

**MAP NO: VI-5
2 OF 2**

Document Path: L:\DCS\Project\ENW\WSA_CMPMA_G_R1_60679477\900_CAD_GIS\920_929_GIS_Graphics\mxd\VI5_at_std_conv_to_conventional_Hamilton_County_Mine.mxd 1 Created by AECOM 3/19/2022





Legend

-  FDEP Jurisdiction
-  Mined Out Thru 12/31/2018

Life of Mine

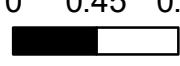
YEAR

-  2019
-  2020 - 2023
-  2024 - 2027
-  2028 - 2029

-  Project Boundary
-  Suwannee River

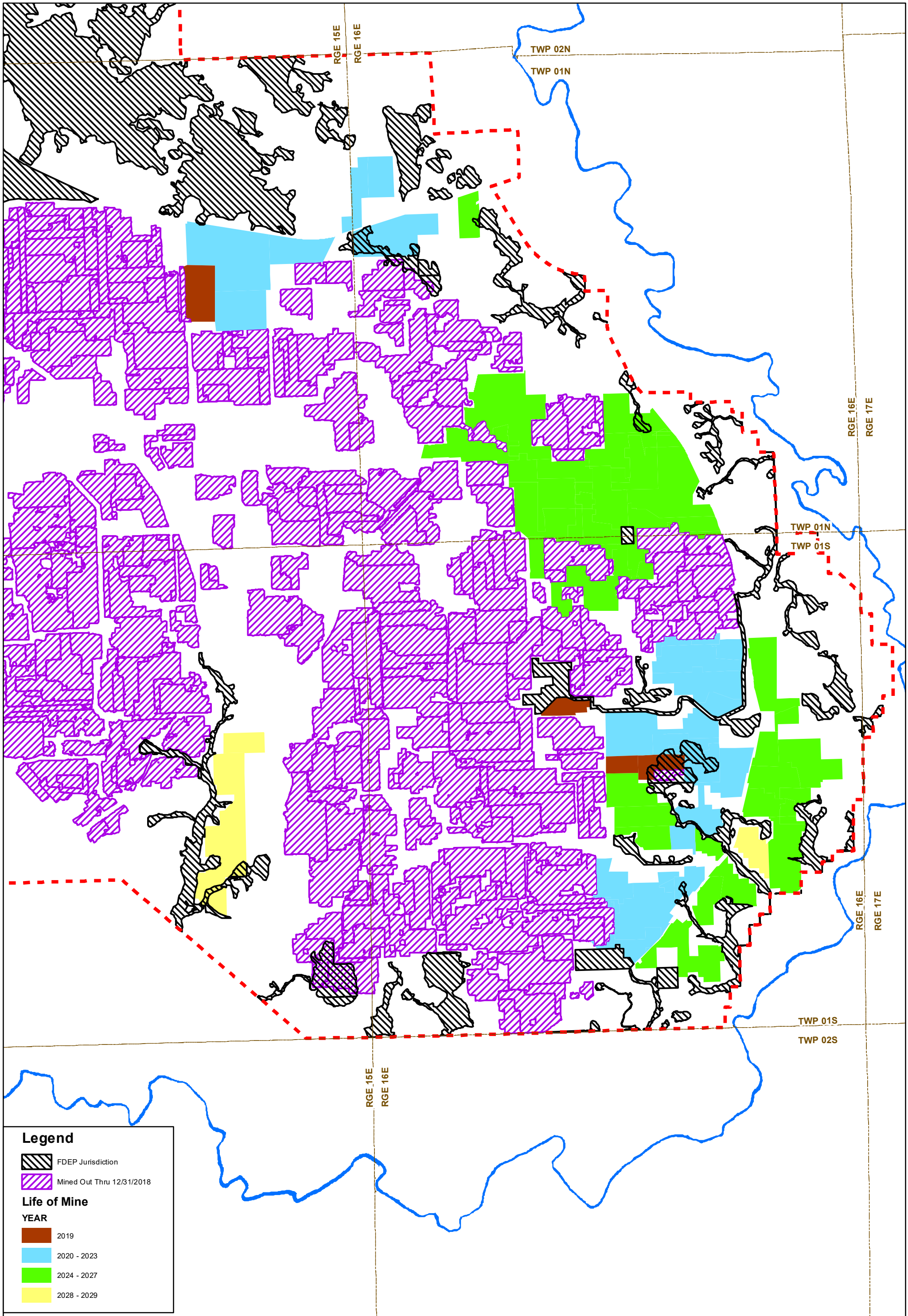
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0 0.45 0.9 Miles




**MINE PLAN WITH
FDEP JURISDICTION
HAMILTON COUNTY MINE**

**MAP NO: VI-6
1 OF 2**





Legend

-  FDEP Jurisdiction
-  Mined Out Thru 12/31/2018

Life of Mine


YEAR

-  2019
-  2020 - 2023
-  2024 - 2027
-  2028 - 2029

-  Project Boundary
-  Suwannee River

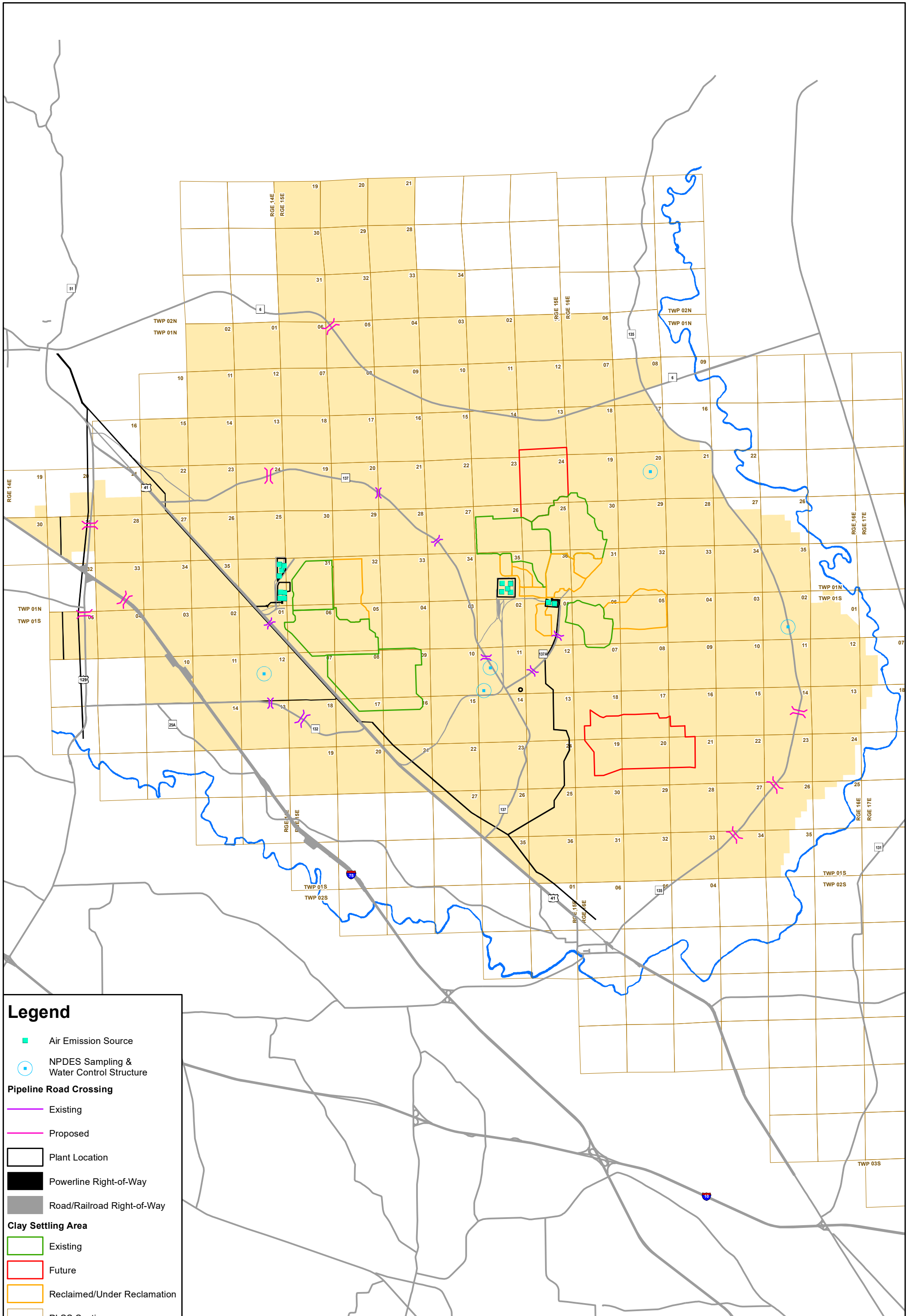
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0 0.45 0.9 Miles



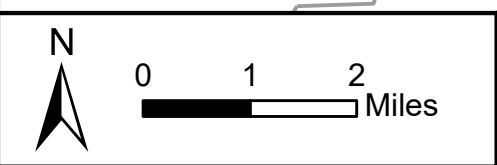

**MINE PLAN WITH
FDEP JURISDICTION
HAMILTON COUNTY MINE**

**MAP NO: VI-6
2 OF 2**



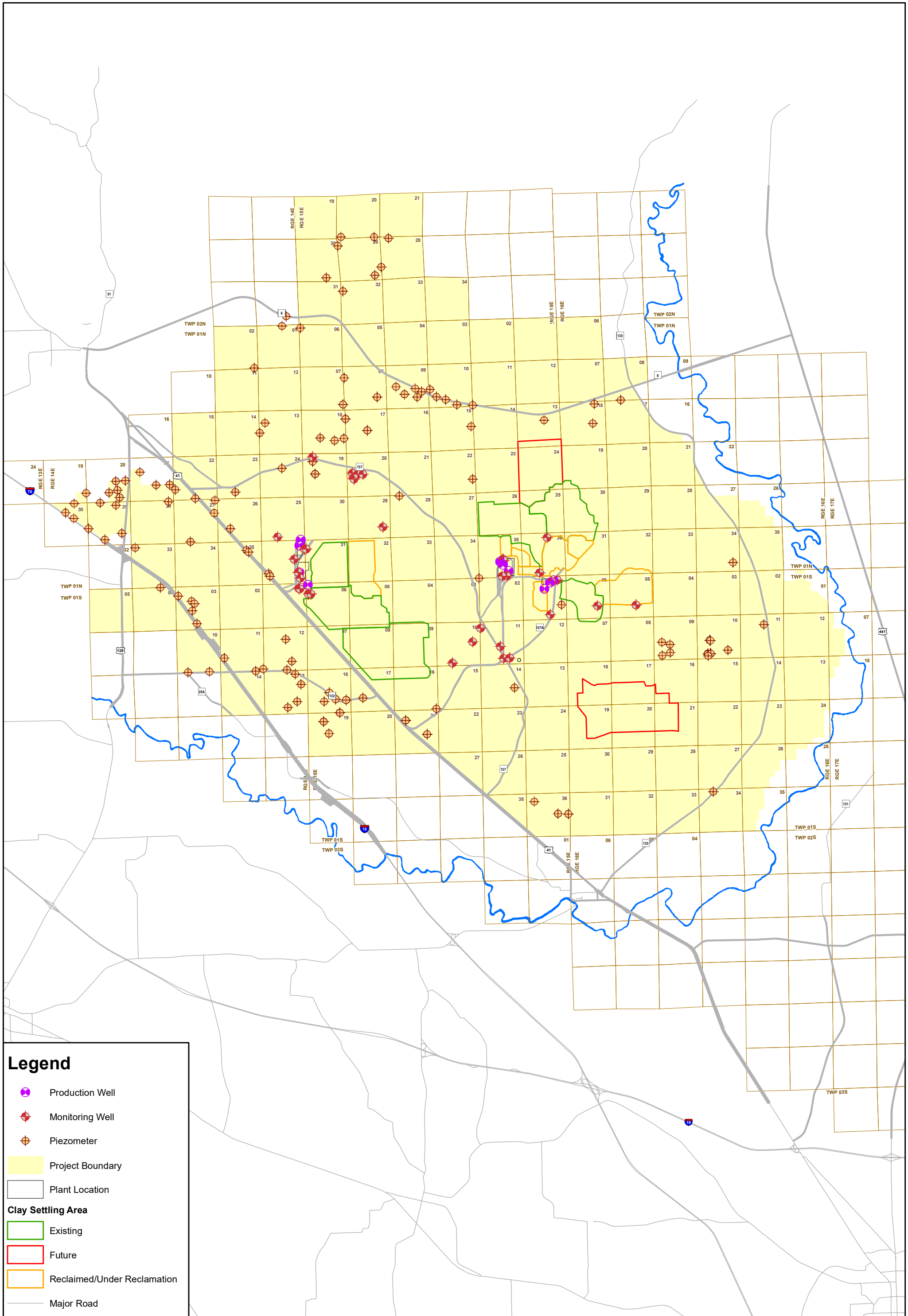
Legend

- Air Emission Source
- NPDES Sampling & Water Control Structure
- Pipeline Road Crossing**
 - Existing
 - Proposed
- Plant Location
- Powerline Right-of-Way
- Road/Railroad Right-of-Way
- Clay Settling Area**
 - Existing
 - Future
 - Reclaimed/Under Reclamation
 - PLSS Section
- Suwannee River
- Project Boundary



**MAJOR STRUCTURES
HAMILTON COUNTY MINE**

**MAP NO: VI-7
1 OF 1**



Legend

- Production Well
- Monitoring Well
- Piezometer
- Project Boundary
- Plant Location
- Clay Settling Area**
- Existing
- Future
- Reclaimed/Under Reclamation
- Major Road
- Road/Railroad Right-of-Way
- PLSS Section
- Suwannee River

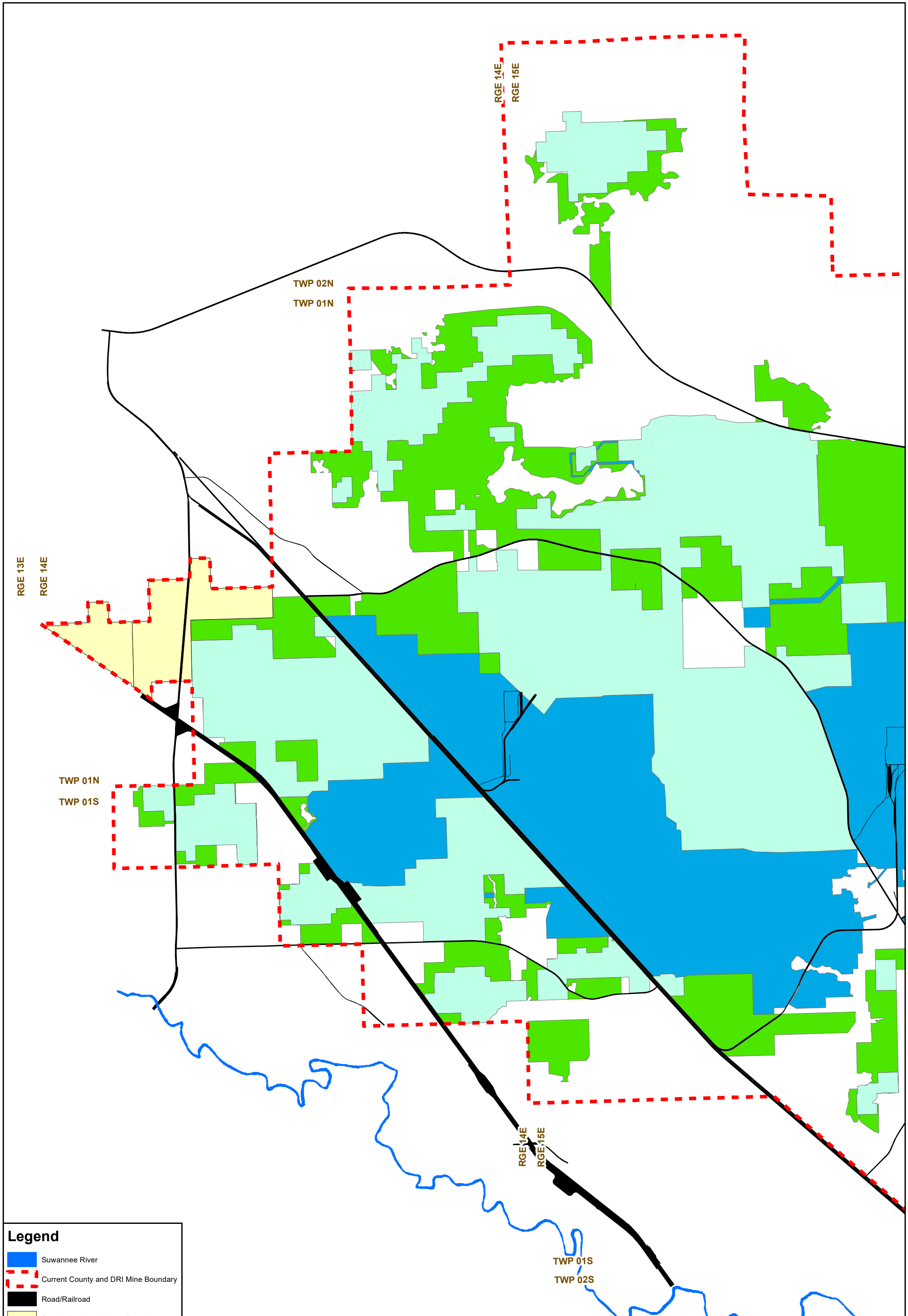
N

0 1 2 Miles



**PRODUCTION / MONITORING
WELLS AND PIEZOMETERS
HAMILTON COUNTY MINE**

**MAP NO:
VI-8
1 OF 1**



Legend

- Suwannee River
- Current County and DRI Mine Boundary
- Road/Railroad
- Special Permit 021 Area Footprint
- Special Permit 03-1 Area Footprint
- Special Permit 96-4 Area Footprint
- Previously Permitted or Disturbed

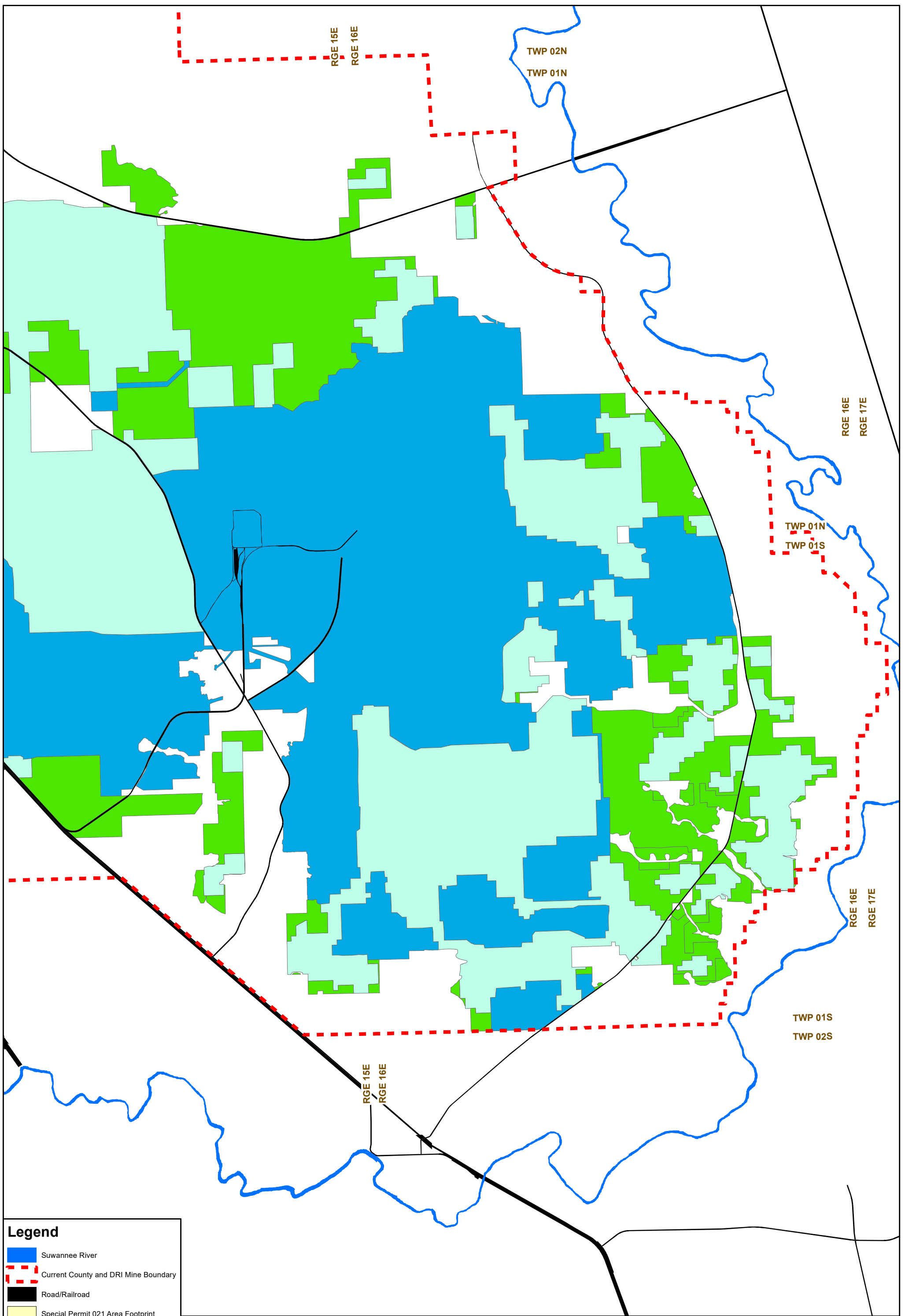
N

0 0.5 1
Miles



**PERMITTED & PROPOSED
MINING AREAS
HAMILTON COUNTY MINE**

**MAP NO:
VI-9
1 OF 2**



Legend

- Suwannee River
- Current County and DRI Mine Boundary
- Road/Railroad
- Special Permit 021 Area Footprint
- Special Permit 03-1 Area Footprint
- Special Permit 96-4 Area Footprint
- Previously Permitted or Disturbed

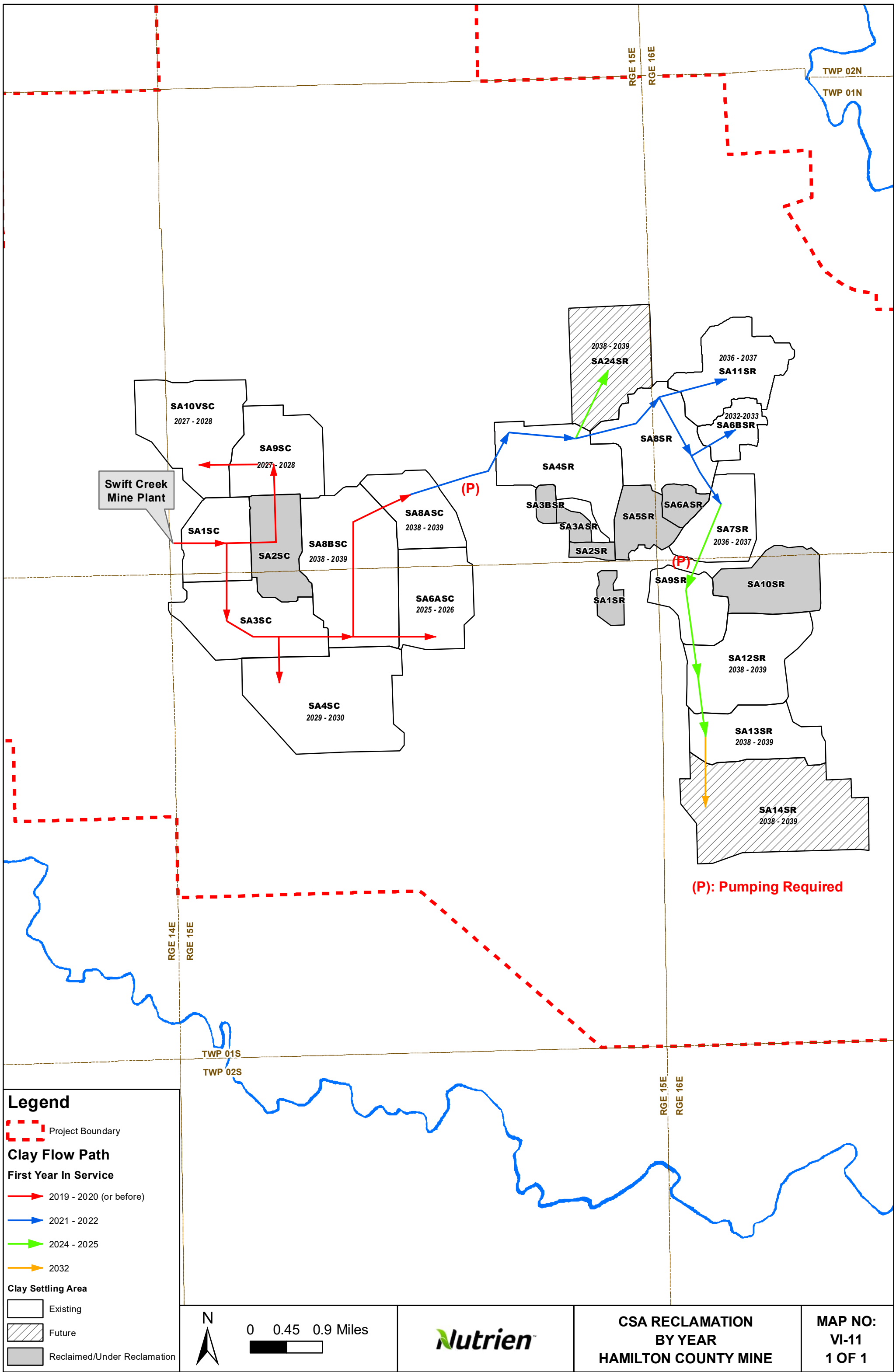
N

0 0.5 1
Miles



PERMITTED & PROPOSED
 MINING AREAS
 HAMILTON COUNTY MINE

MAP NO:
 VI-9
 2 OF 2



Legend

- Project Boundary
- Clay Flow Path**
- First Year In Service**
- 2019 - 2020 (or before)
- 2021 - 2022
- 2024 - 2025
- 2032
- Clay Settling Area**
- Existing
- Future
- Reclaimed/Under Reclamation

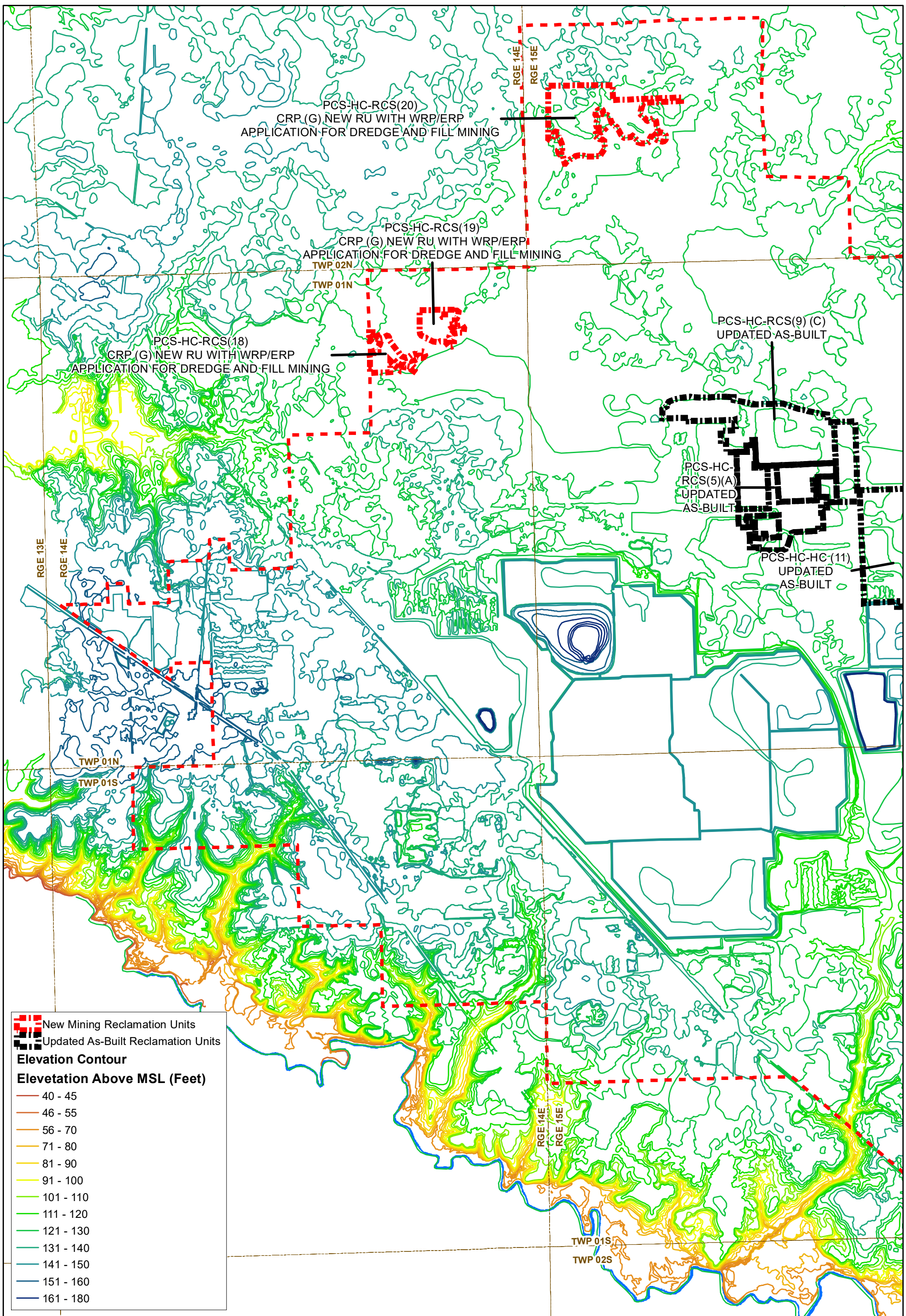
N

0 0.45 0.9 Miles



**CSA RECLAMATION
BY YEAR
HAMILTON COUNTY MINE**

**MAP NO:
VI-11
1 OF 1**



New Mining Reclamation Units
 Updated As-Built Reclamation Units
Elevation Contour
Elevation Above MSL (Feet)
 40 - 45
 46 - 55
 56 - 70
 71 - 80
 81 - 90
 91 - 100
 101 - 110
 111 - 120
 121 - 130
 131 - 140
 141 - 150
 151 - 160
 161 - 180

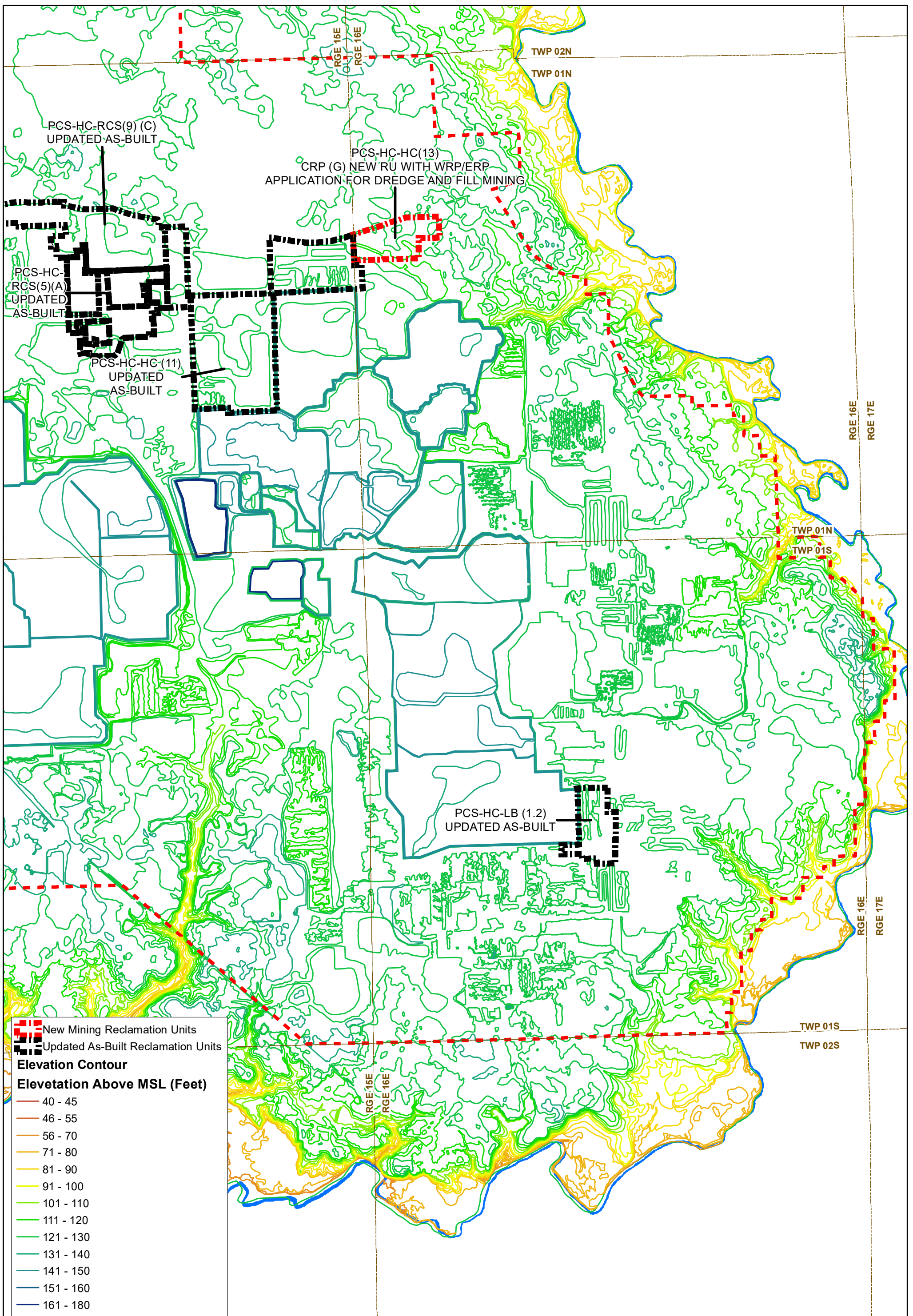
Township & Range Lines
 Project Boundary
 Suwannee River

N
 0 0.5 1 Miles



**POST RECLAMATION
 TOPOGRAPHY
 HAMILTON COUNTY MINE**

**MAP NO:
 VII-1
 1 OF 2**



New Mining Reclamation Units
 Updated As-Built Reclamation Units
Elevation Contour
Elevation Above MSL (Feet)
 40 - 45
 46 - 55
 56 - 70
 71 - 80
 81 - 90
 91 - 100
 101 - 110
 111 - 120
 121 - 130
 131 - 140
 141 - 150
 151 - 160
 161 - 180

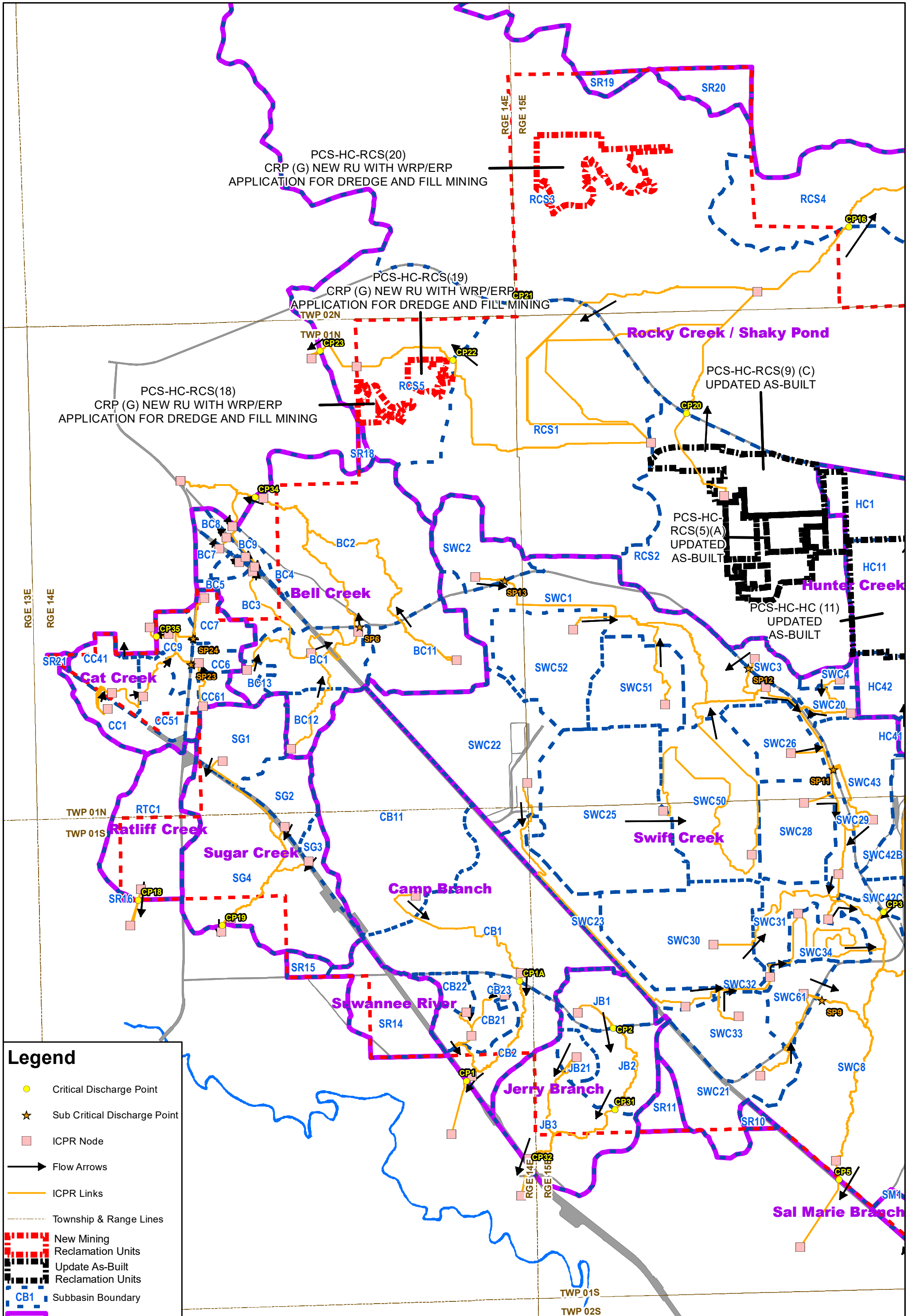
Township & Range Lines
 Project Boundary
 Suwannee River

N
 0 0.5 1 Miles



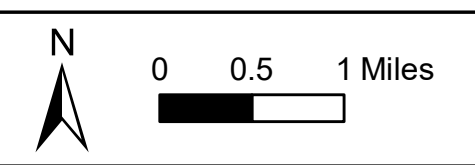
**POST RECLAMATION
 TOPOGRAPHY
 HAMILTON COUNTY MINE**

**MAP NO:
 VII-1
 2 OF 2**



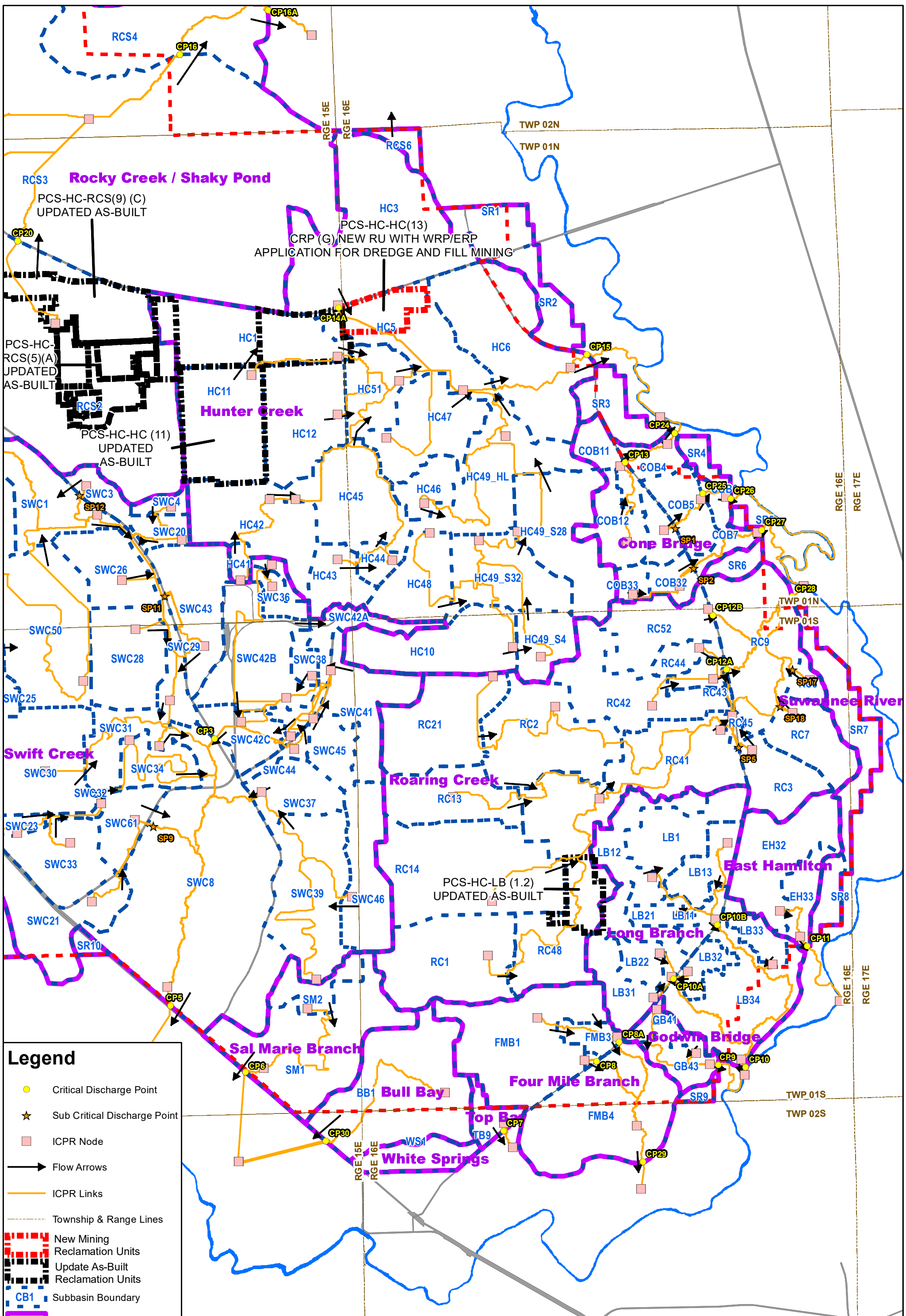
Legend

- Critical Discharge Point
- ★ Sub Critical Discharge Point
- ICPR Node
- Flow Arrows
- ICPR Links
- Township & Range Lines
- New Mining Reclamation Units
- Update As-Built Reclamation Units
- Subbasin Boundary
- Basin Boundary
- Road/Railroad Right-of-Way
- Swannee River



**POST RECLAMATION
DRAINAGE
HAMILTON COUNTY MINE**

**MAP NO:
VII-2
1 OF 2**



Legend

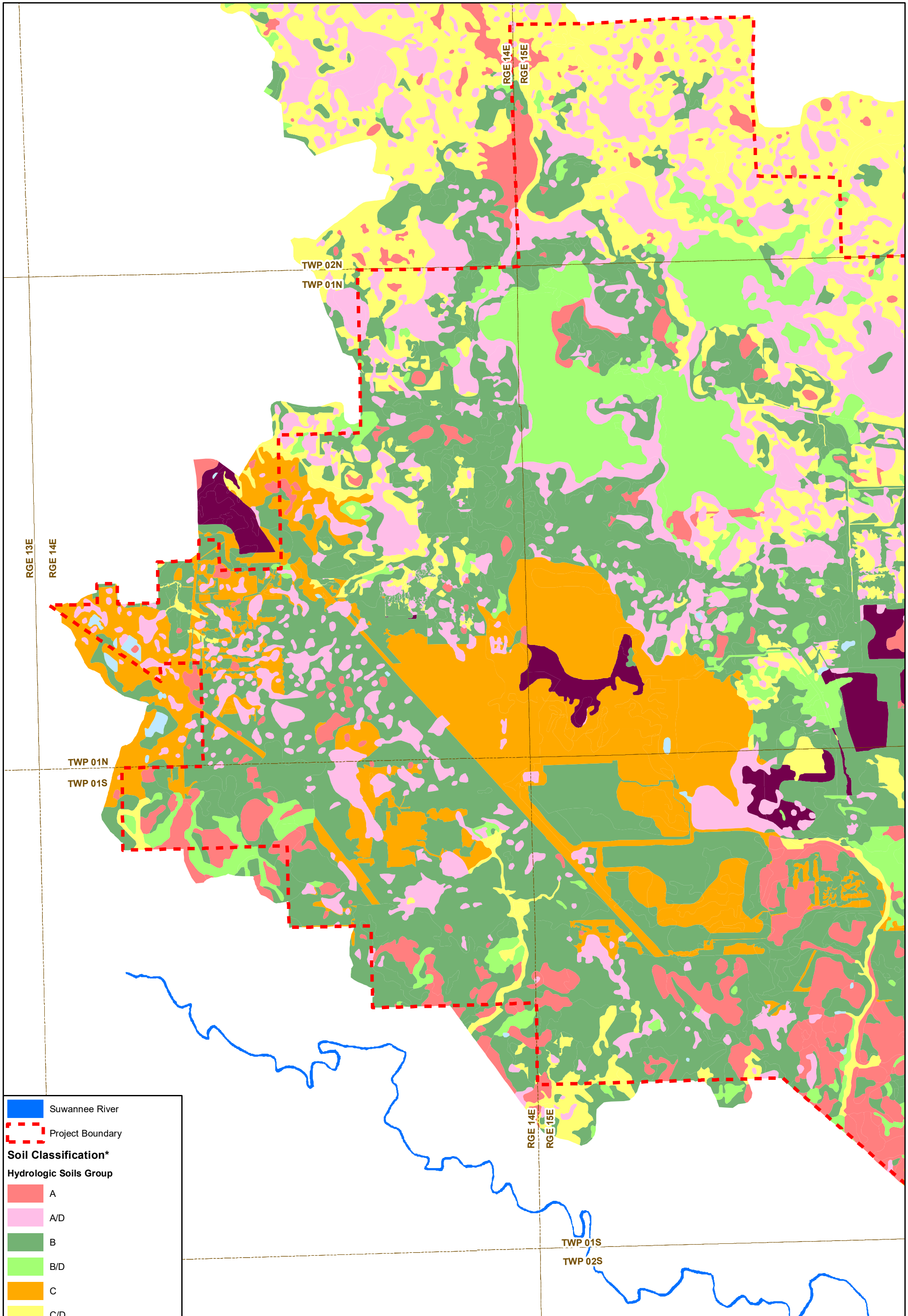
- Critical Discharge Point
- ★ Sub Critical Discharge Point
- ICPR Node
- Flow Arrows
- ICPR Links
- Township & Range Lines
- New Mining Reclamation Units
- Update As-Built Reclamation Units
- Subbasin Boundary
- Basin Boundary
- Road/Railroad Right-of-Way
- Suwannee River



**POST RECLAMATION
DRAINAGE
HAMILTON COUNTY MINE**

**MAP NO:
VII-2
2 OF 2**

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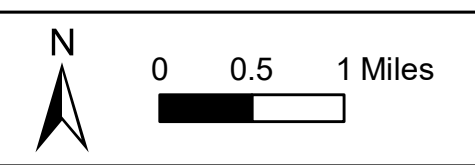


Soil Classification*

Hydrologic Soils Group

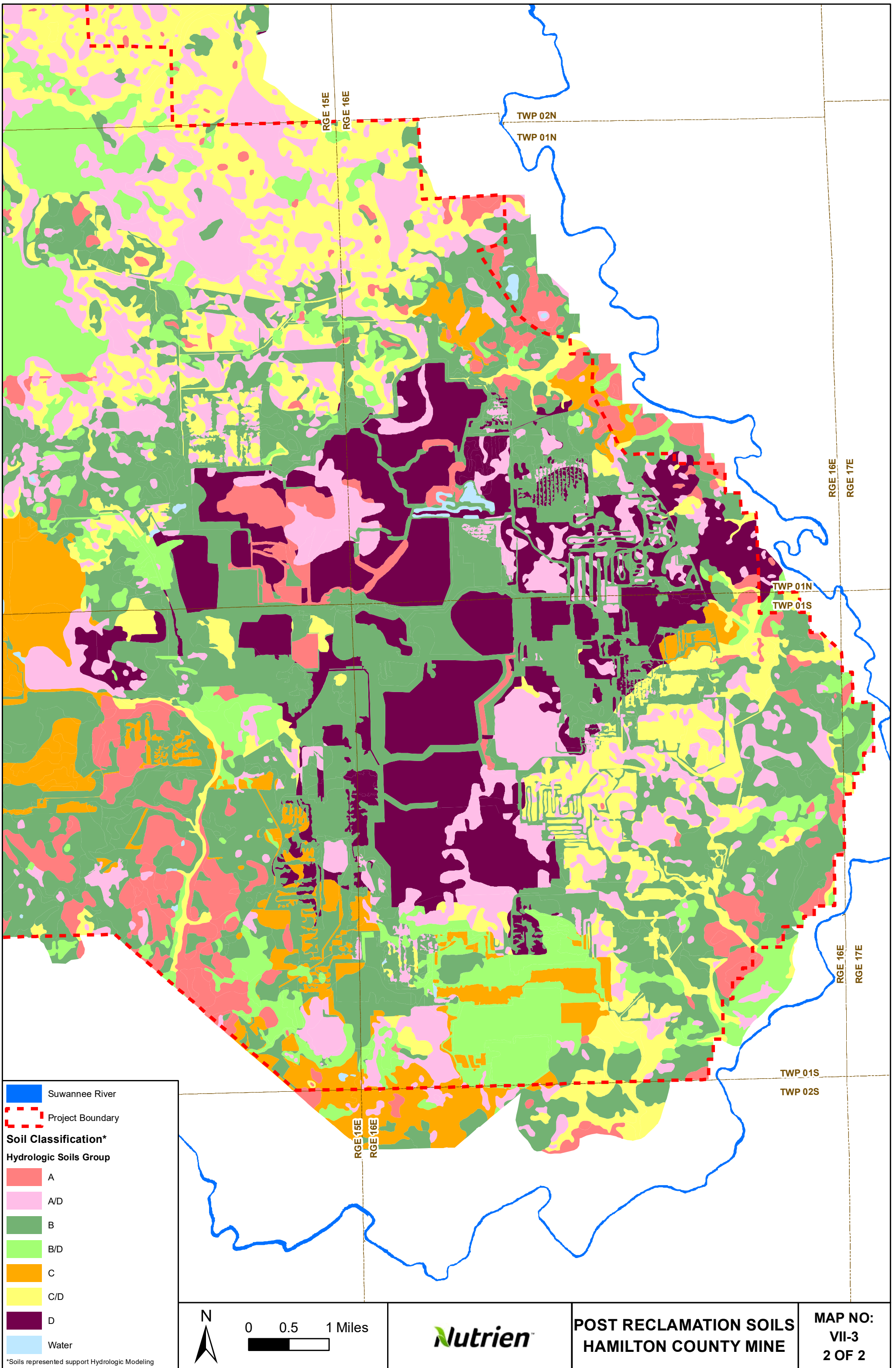
- A
- A/D
- B
- B/D
- C
- C/D
- D
- Water

*Soils represented support Hydrologic Modeling



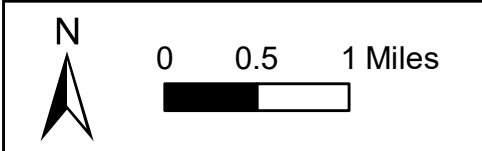
**POST RECLAMATION SOILS
HAMILTON COUNTY MINE**

**MAP NO:
VII-3
1 OF 2**



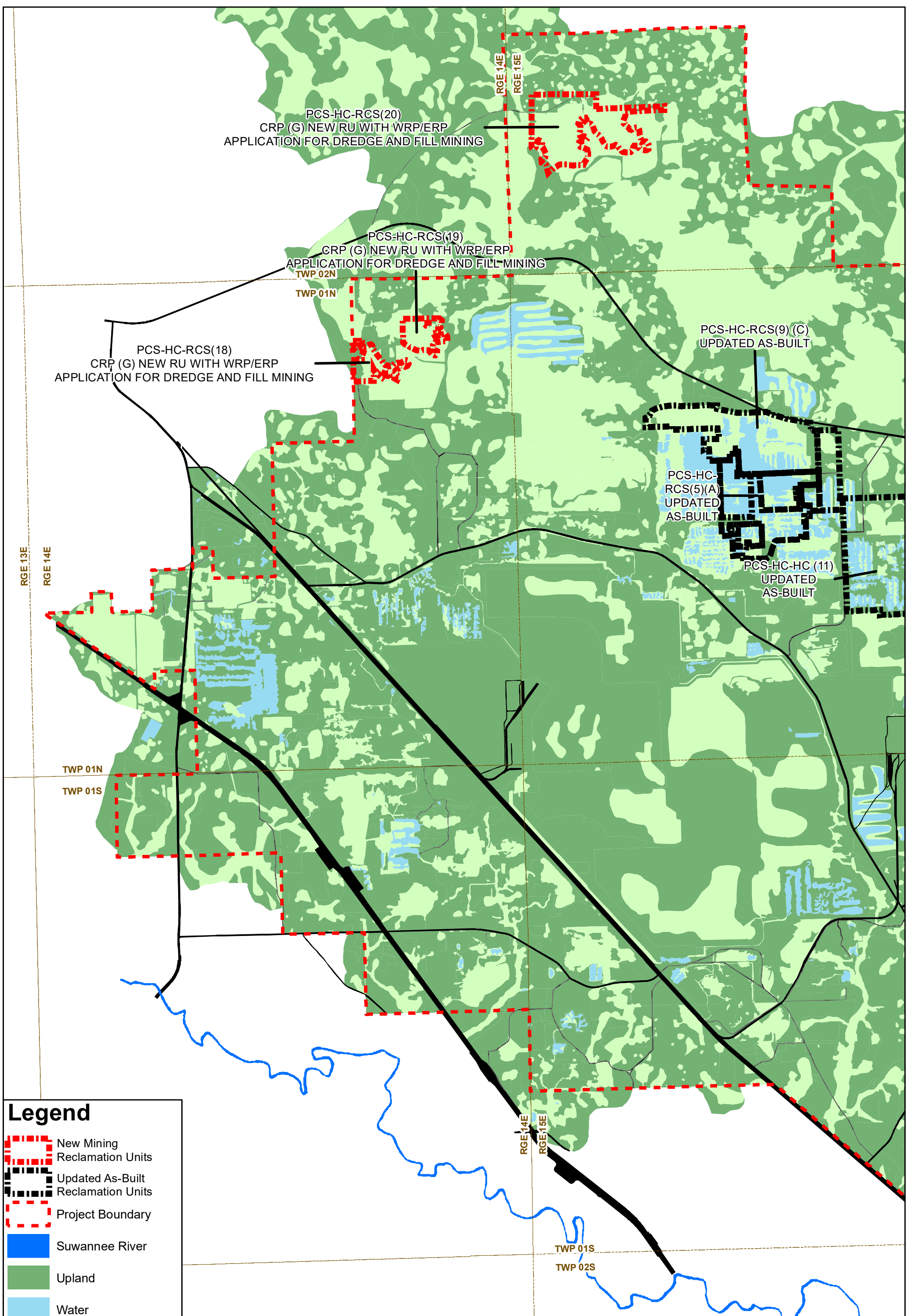
■ Suwannee River
 Project Boundary
Soil Classification*
Hydrologic Soils Group
■ A
■ A/D
■ B
■ B/D
■ C
■ C/D
■ D
■ Water

*Soils represented support Hydrologic Modeling



**POST RECLAMATION SOILS
HAMILTON COUNTY MINE**

**MAP NO:
VII-3
2 OF 2**



PCS-HC-RCS(20)
CRP (G) NEW RU WITH WRP/ERP
APPLICATION FOR DREDGE AND FILL MINING

PCS-HC-RCS(19)
CRP (G) NEW RU WITH WRP/ERP
APPLICATION FOR DREDGE AND FILL MINING









PCS-HC-RCS(18)
CRP (G) NEW RU WITH WRP/ERP
APPLICATION FOR DREDGE AND FILL MINING

PCS-HC-RCS(9)(C)
UPDATED AS-BUILT

PCS-HC-RCS(5)(A)
UPDATED AS-BUILT

PCS-HC-HC(11)
UPDATED AS-BUILT

Legend

-  New Mining Reclamation Units
-  Updated As-Built Reclamation Units
-  Project Boundary
-  Suwannee River
-  Upland
-  Water
-  Wetland
-  Road

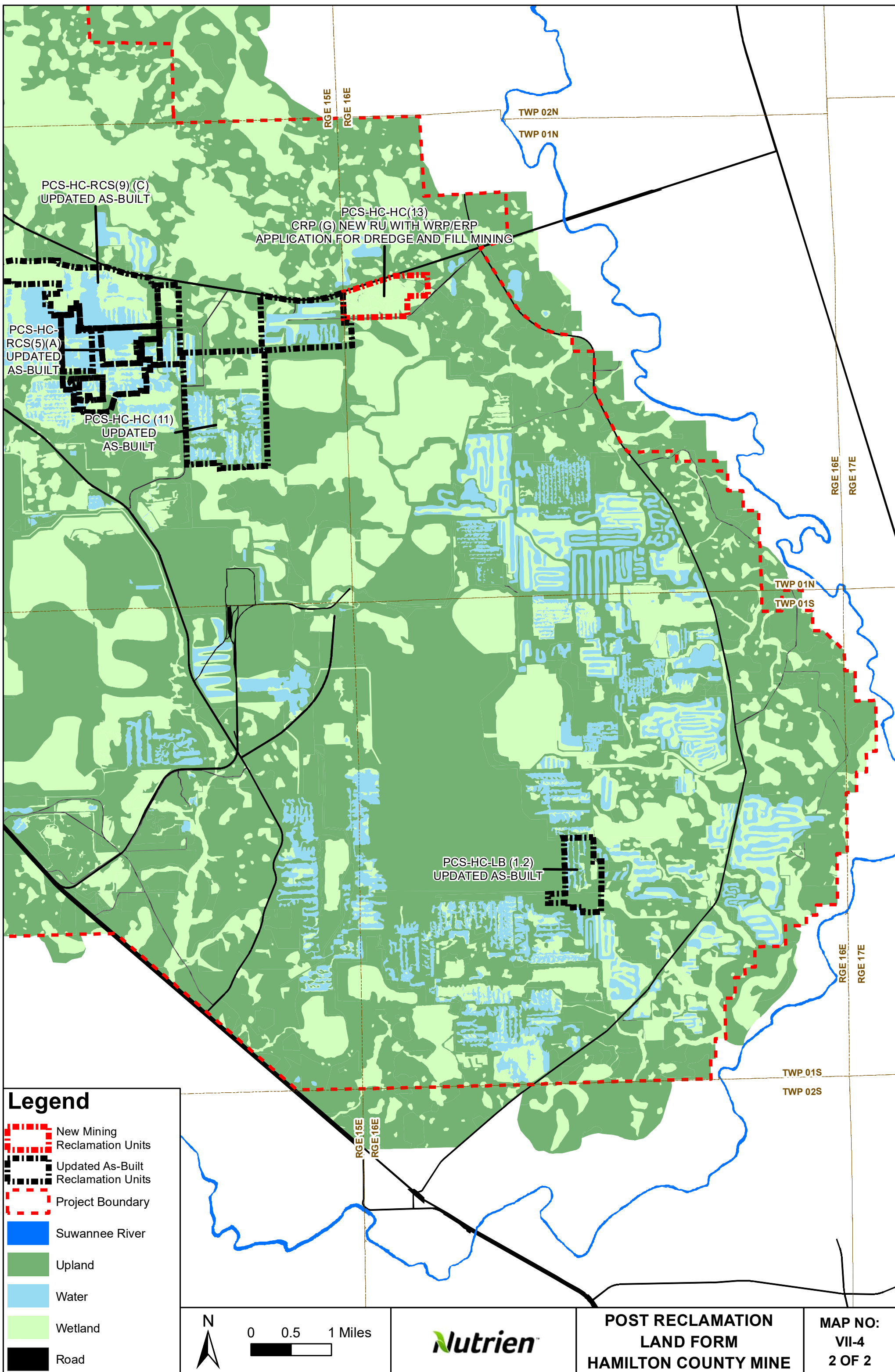


0 0.5 1 Miles



**POST RECLAMATION
LAND FORM
HAMILTON COUNTY MINE**

**MAP NO:
VII-4
1 OF 2**



Legend

- New Mining Reclamation Units
- Updated As-Built Reclamation Units
- Project Boundary
- Suwannee River
- Upland
- Water
- Wetland
- Road

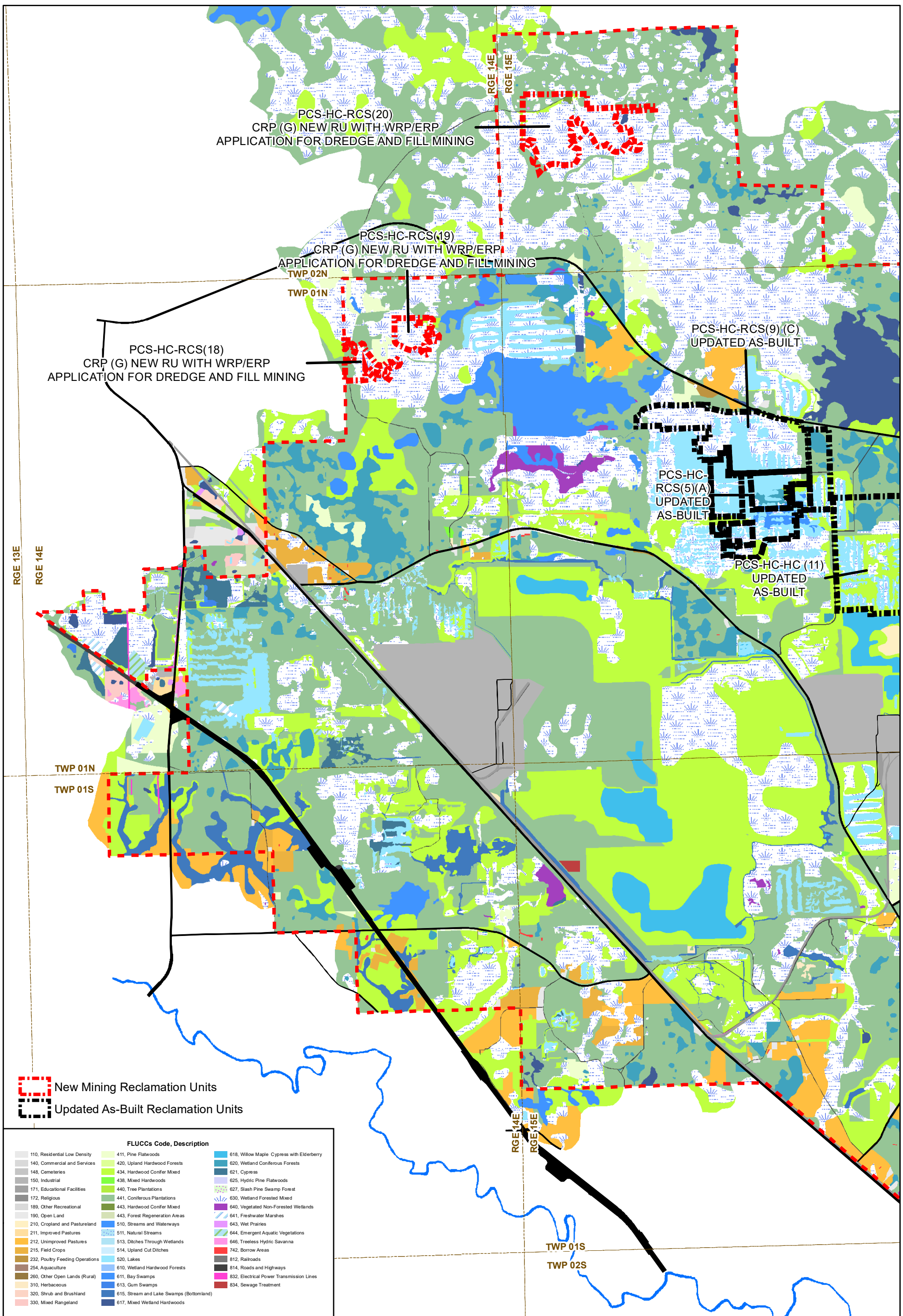




0 0.5 1 Miles






**POST RECLAMATION
LAND FORM
HAMILTON COUNTY MINE**

**MAP NO:
VII-4
2 OF 2**



 New Mining Reclamation Units
 Updated As-Built Reclamation Units

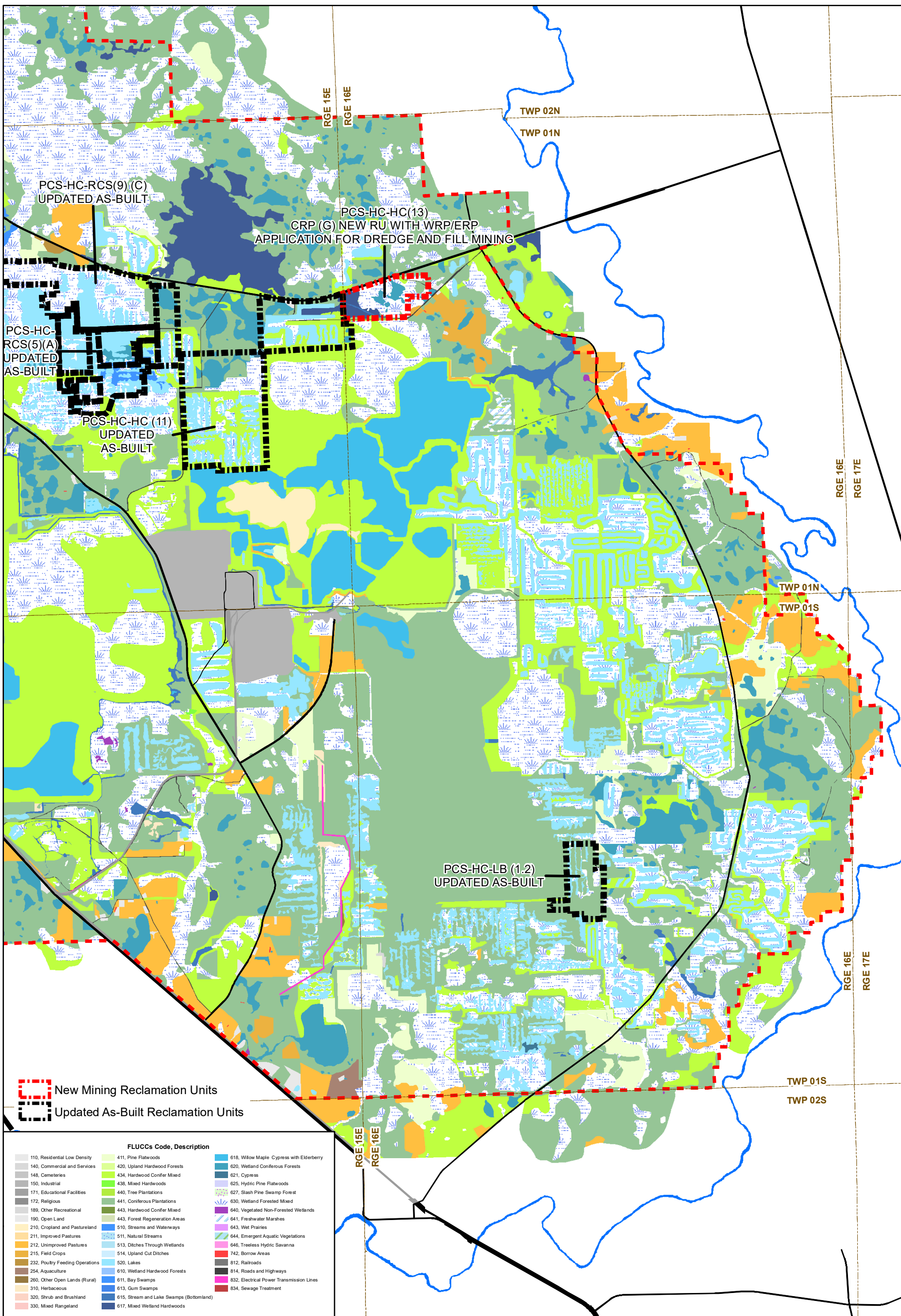
| FLUCCs Code, Description | | |
|---------------------------------|--|---|
| 110, Residential Low Density | 411, Pine Flatwoods | 618, Willow Maple Cypress with Elderberry |
| 140, Commercial and Services | 420, Upland Hardwood Forests | 620, Wetland Coniferous Forests |
| 148, Cemeteries | 434, Hardwood Conifer Mixed | 621, Cypress |
| 150, Industrial | 438, Mixed Hardwoods | 625, Hydric Pine Flatwoods |
| 171, Educational Facilities | 440, Tree Plantations | 627, Slash Pine Swamp Forest |
| 172, Religious | 441, Coniferous Plantations | 630, Wetland Forested Mixed |
| 189, Other Recreational | 443, Hardwood Conifer Mixed | 640, Vegetated Non-Forested Wetlands |
| 190, Open Land | 443, Forest Regeneration Areas | 641, Freshwater Marshes |
| 210, Cropland and Pastureland | 510, Streams and Waterways | 643, Wet Prairies |
| 211, Improved Pastures | 511, Natural Streams | 644, Emergent Aquatic Vegetations |
| 212, Unimproved Pastures | 513, Ditches Through Wetlands | 646, Treeless Hydric Savanna |
| 215, Field Crops | 514, Upland Cut Ditches | 742, Borrow Areas |
| 232, Poultry Feeding Operations | 520, Lakes | 812, Railroads |
| 254, Aquaculture | 610, Wetland Hardwood Forests | 814, Roads and Highways |
| 260, Other Open Lands (Rural) | 611, Bay Swamps | 832, Electrical Power Transmission Lines |
| 310, Herbaceous | 613, Gum Swamps | 834, Sewage Treatment |
| 320, Shrub and Brushland | 615, Stream and Lake Swamps (Bottomland) | |
| 330, Mixed Rangeland | 617, Mixed Wetland Hardwoods | |



Legend
 Paved Road
 Railroad
 Suwannee River






**POST RECLAMATION
 LAND USE
 HAMILTON COUNTY MINE**


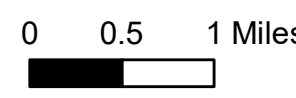
**MAP NO:
 VII-5
 1 OF 2**



 New Mining Reclamation Units
 Updated As-Built Reclamation Units

| FLUCCs Code, Description | | |
|---------------------------------|--|---|
| 110, Residential Low Density | 411, Pine Flatwoods | 618, Willow Maple Cypress with Elderberry |
| 140, Commercial and Services | 420, Upland Hardwood Forests | 620, Wetland Coniferous Forests |
| 148, Cemeteries | 434, Hardwood Conifer Mixed | 621, Cypress |
| 150, Industrial | 438, Mixed Hardwoods | 625, Hydric Pine Flatwoods |
| 171, Educational Facilities | 440, Tree Plantations | 627, Slash Pine Swamp Forest |
| 172, Religious | 441, Coniferous Plantations | 630, Wetland Forested Mixed |
| 189, Other Recreational | 443, Hardwood Conifer Mixed | 640, Vegetated Non-Forested Wetlands |
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| 210, Cropland and Pastureland | 510, Streams and Waterways | 643, Wet Prairies |
| 211, Improved Pastures | 511, Natural Streams | 644, Emergent Aquatic Vegetations |
| 212, Unimproved Pastures | 513, Ditches Through Wetlands | 646, Treeless Hydric Savanna |
| 215, Field Crops | 514, Upland Cut Ditches | 742, Borrow Areas |
| 232, Poultry Feeding Operations | 520, Lakes | 812, Railroads |
| 254, Aquaculture | 610, Wetland Hardwood Forests | 814, Roads and Highways |
| 260, Other Open Lands (Rural) | 611, Bay Swamps | 832, Electrical Power Transmission Lines |
| 310, Herbaceous | 613, Gum Swamps | 834, Sewage Treatment |
| 320, Shrub and Brushland | 615, Stream and Lake Swamps (Bottomland) | |
| 330, Mixed Rangeland | 617, Mixed Wetland Hardwoods | |

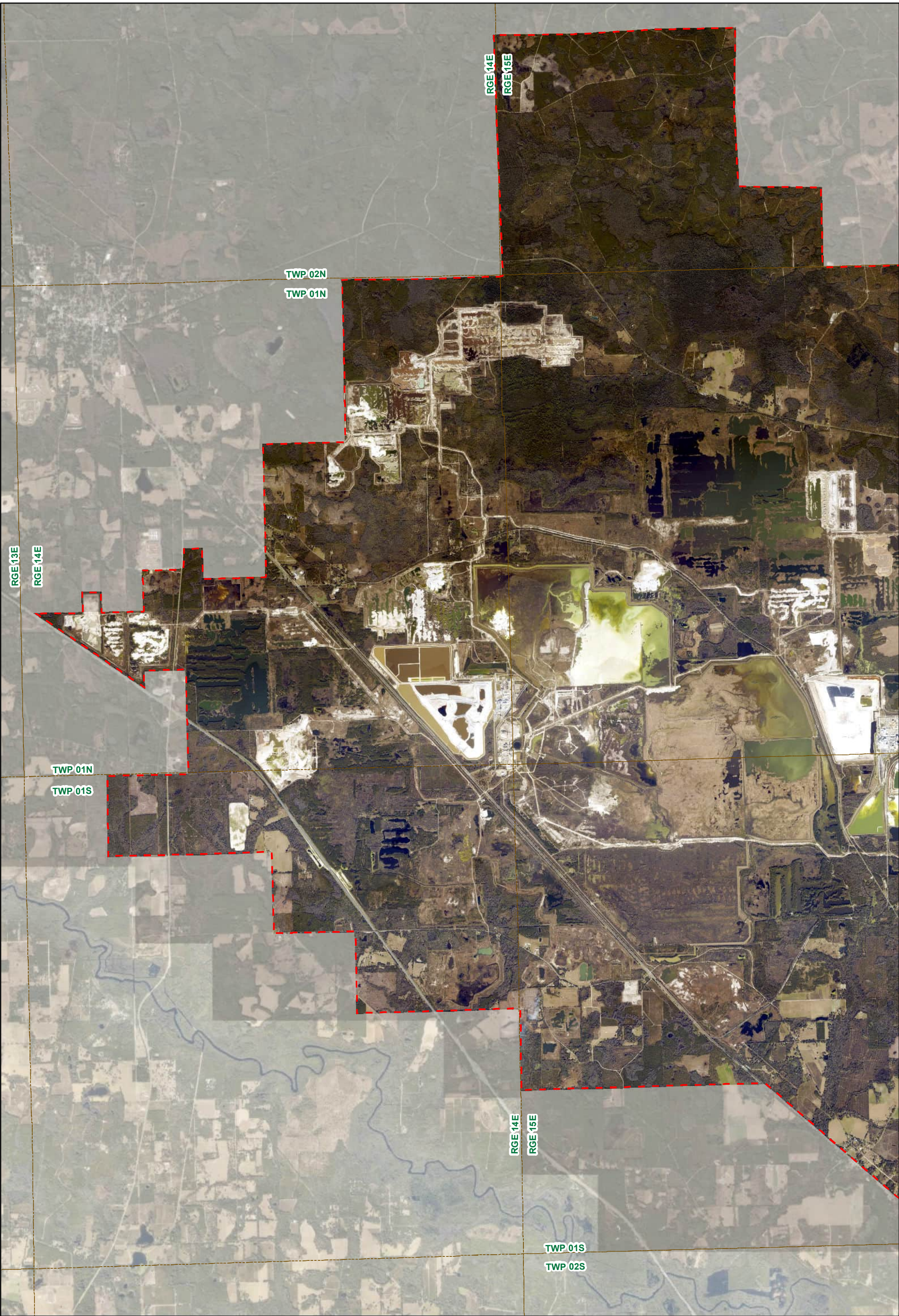
Legend
 Paved Road
 Railroad
 Suwannee River




**POST RECLAMATION
 LAND USE
 HAMILTON COUNTY MINE**


**MAP NO:
 VII-5
 2 OF 2**



Legend

 Project Boundary



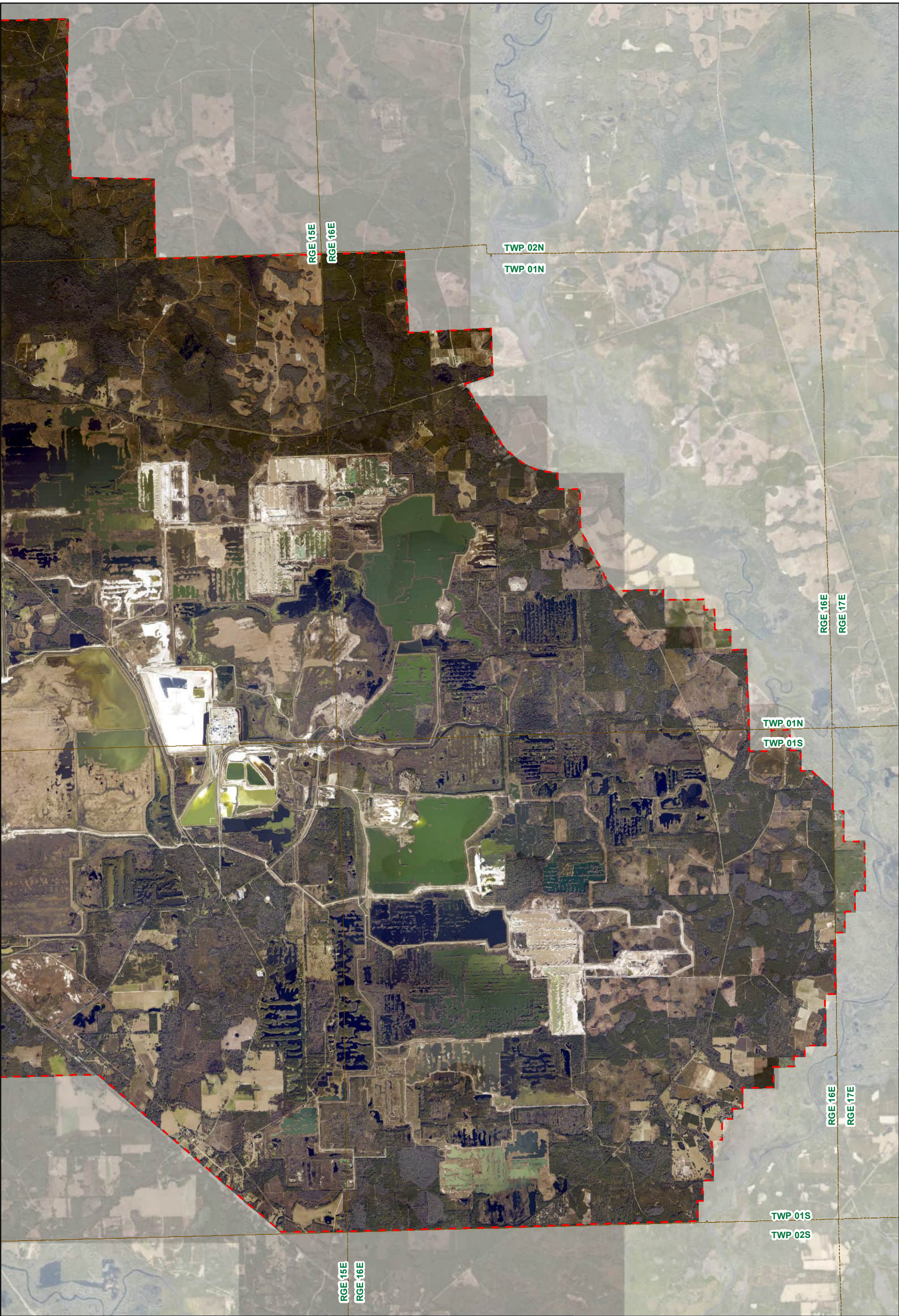
0 0.5 1 Miles





**2019 AERIAL PHOTOGRAPH
 HAMILTON COUNTY MINE**

*Aerial Photography flown February 26, 2019

**MAP NO: VII-6
 1 OF 2**



Legend

 Project Boundary

 N

0 0.5 1 Miles

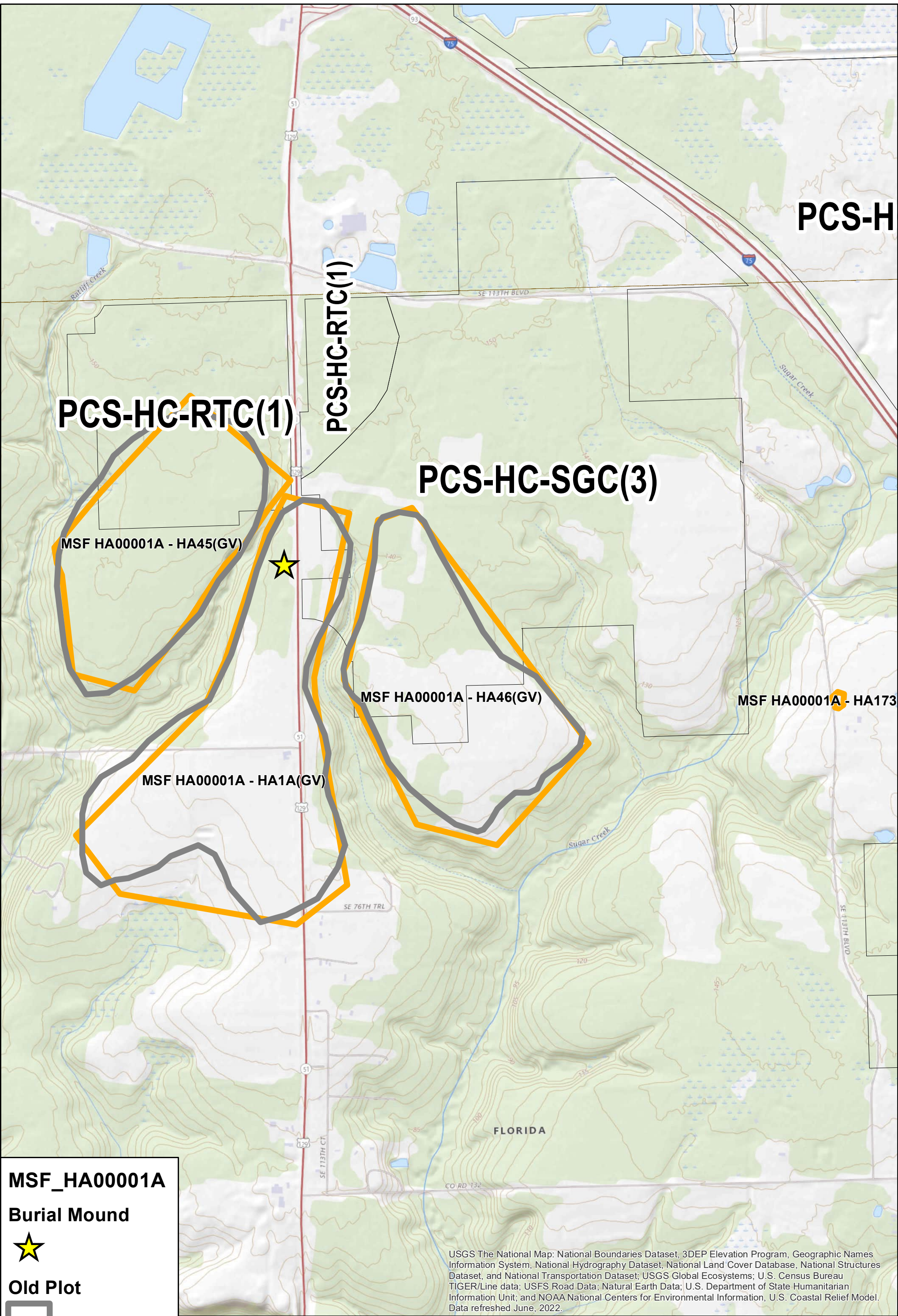




**2019 AERIAL PHOTOGRAPH
HAMILTON COUNTY MINE**

*Aerial Photography flown February 26, 2019

**MAP NO: VII-6
2 OF 2**



PCS-H

PCS-HC-RTC(1)

PCS-HC-RTC(1)

PCS-HC-SGC(3)

MSF HA00001A - HA45(GV)



MSF HA00001A - HA46(GV)

MSF HA00001A - HA173

MSF HA00001A - HA1A(GV)

MSF_HA00001A

Burial Mound



Old Plot



New Plot



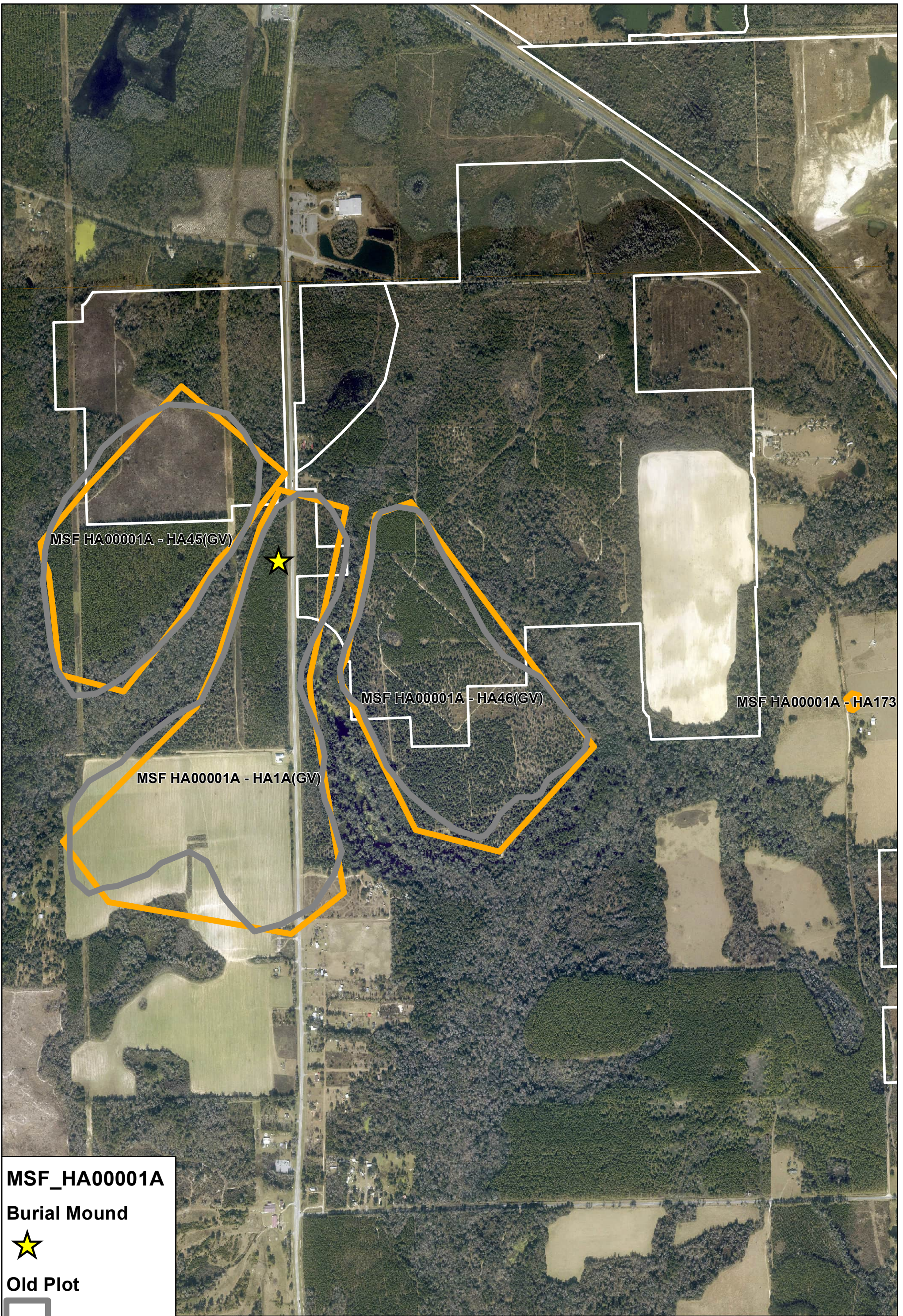
0 500 1,000 Feet



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and NOAA National Centers for Environmental Information, U.S. Coastal Relief Model. Data refreshed June, 2022.

**ARCHAEOLOGICAL
LOCATION MAP
HAMILTON COUNTY MINE**

**ARCHAEO-
LOCATION
1 OF 1**

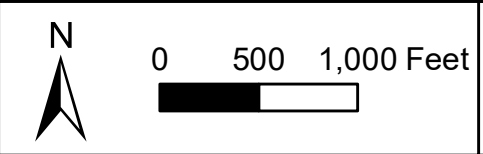


MSF_HA00001A

Burial Mound
★

Old Plot
▭

New Plot
▭



**ARCHAEOLOGICAL FEATURES
AERIAL MAP
HAMILTON COUNTY MINE**

**ARCHAEO-
AERIAL
1 OF 1**

PCS-HC-RCS(20)
CRP (G) NEW RU WITH WRP/ERP
APPLICATION FOR DREDGE AND FILL MINING

PCS-HC-RCS(19)
CRP (G) NEW RU WITH WRP/ERP
APPLICATION FOR DREDGE AND FILL MINING

PCS-HC-RCS(18)
CRP (G) NEW RU WITH WRP/ERP
APPLICATION FOR DREDGE AND FILL MINING

PCS-HC-RCS(9) (C)
UPDATED AS-BUILT

PCS-HC-RCS(5)(A)
UPDATED
AS-BUILT

PCS-HC-HC (11)
UPDATED
AS-BUILT

RGE 13E

RGE 14E

RGE 14E

RGE 15E

TWP 01N

TWP 01S






RGE 14E

RGE 15E

TWP 01S

TWP 02S

Legend

-  New Mining Reclamation Units
-  Updated AS-Built Reclamation Units
-  Reclamation Unit Boundary
-  Suwannee River
-  Project Boundary
-  Road/Railroad

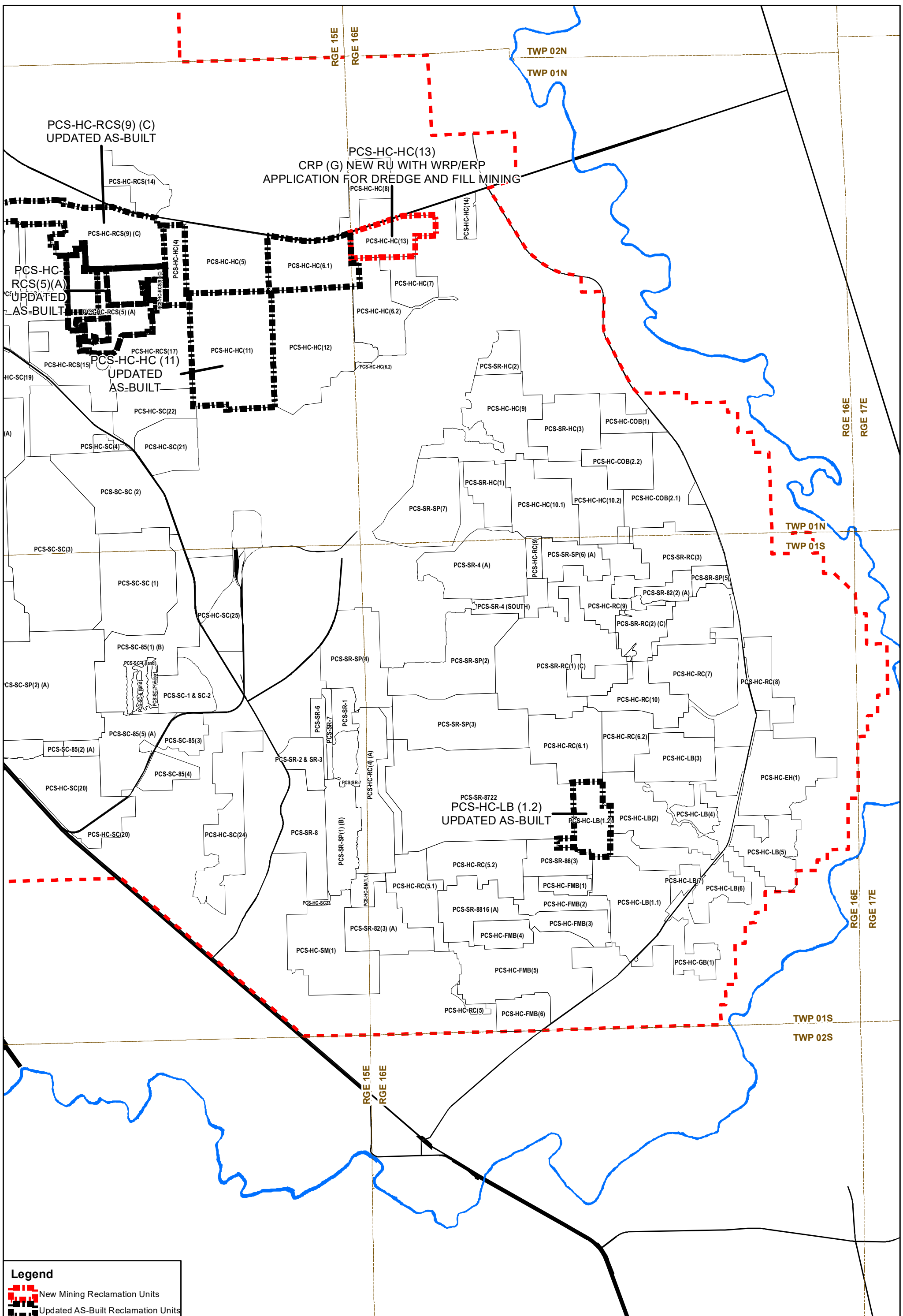


0 0.45 0.9 Miles



**NEW MINING & UPDATED
AS-BUILT RECLAMATION UNITS
HAMILTON COUNTY MINE**

**LOCATION
MAP
1 OF 2**



Legend

- New Mining Reclamation Units
- Updated AS-Built Reclamation Units
- Reclamation Unit Boundary
- Suwannee River
- Project Boundary
- Road/Railroad



0 0.5 1 Miles



NEW MINING & UPDATED AS-BUILT RECLAMATION UNITS HAMILTON COUNTY MINE

LOCATION MAP 2 OF 2