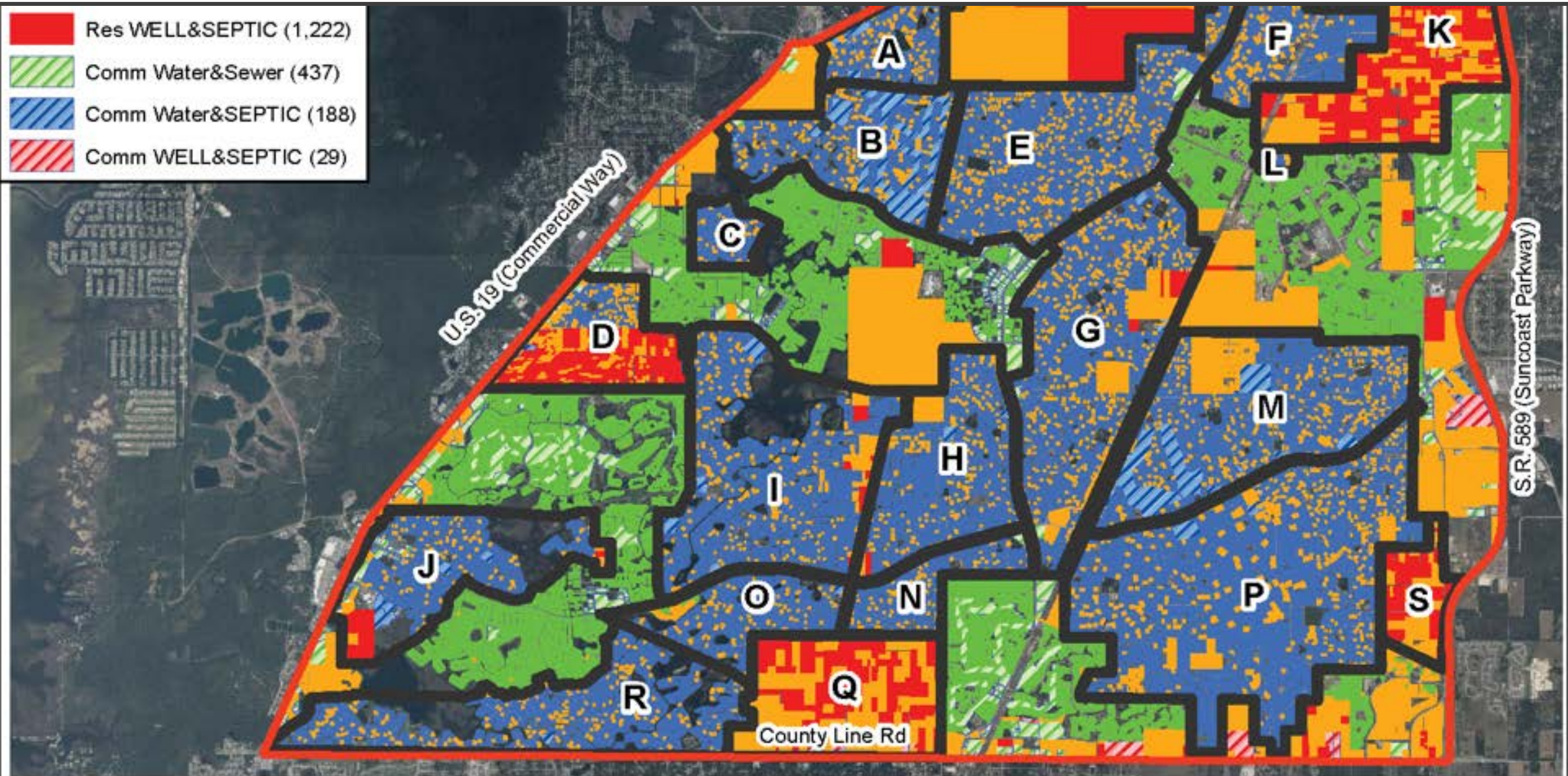


# Hernando County Septic to Sewer District A Phase 1

Weeki Wachee  
Springs State Park







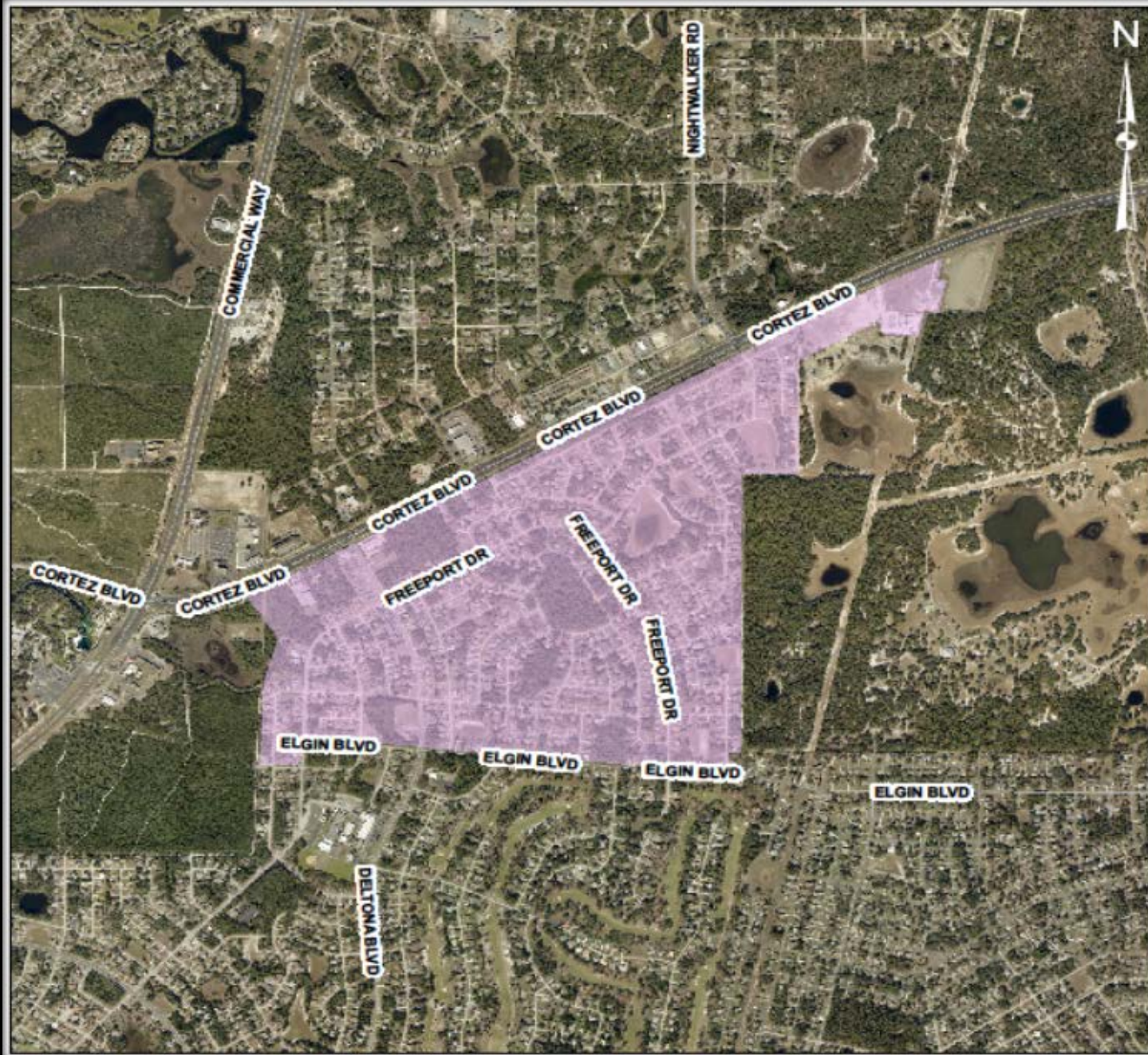
**Figure 11. Planning Districts**






# Buccaneer Bay





 District A

Septic to Sewer  
Conversion Area

District A



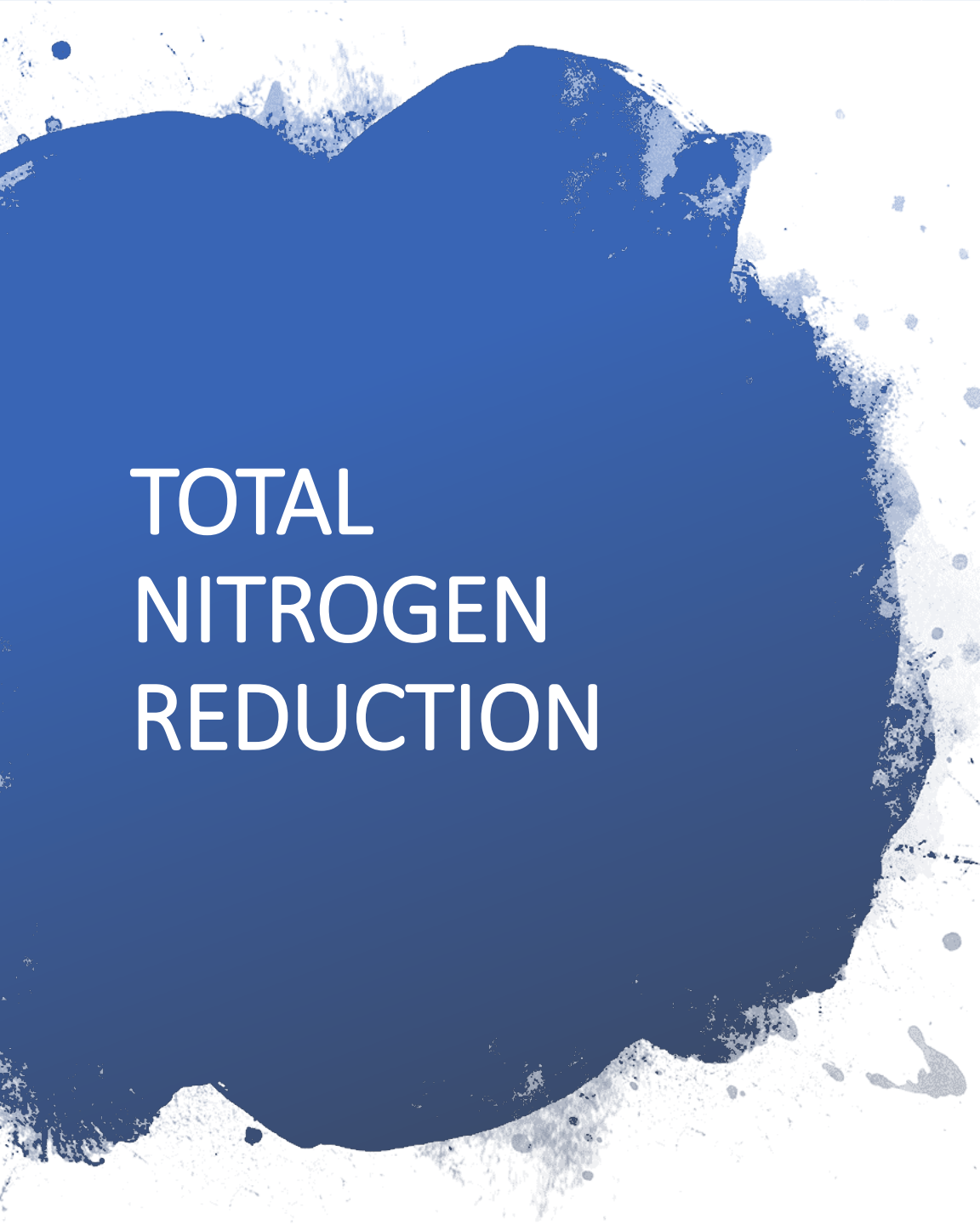
**Table B-1. Stakeholder projects to reduce nitrogen sources**

\*Denotes project that is applicable in another Springs Coast BMAP. The dollar amount is the total project amount (not split among the BMAPs).

Lead Entity	Project Number	Project Name	Project Description	Project Type	Project Status	Start Date	Estimated Completion Date	Nitrogen Source Addressed by Project	Estimated Nitrogen Load Reduction (lb-N/yr)	Cost Estimate	Funding Source	Funding Amount
City of Brooksville	COB-01	Public Education Activities	Adopt fertilizer ordinance in 2017; website, public service announcements, brochures, etc.	Public Education	Underway	2017	2018	UTF	22	TBD	County	TBD
City of Brooksville	COB-02	Septic to Sewer Conversion	Connect approximately 75 septic systems to central sewer system.	Wastewater Service Area Expansion	Planned	2019	2021	OSTDS	TBD	\$1,400,000	City/DEP	TBD
City of Brooksville	COB-03	Septic to Sewer Conversion	Connect approximately 300 septic systems to central sewer system.	Wastewater Service Area Expansion	Planned	2027	2030	OSTDS	TBD	\$6,000,000	City/DEP/Other	TBD
City of Brooksville	COB-04	Reuse Water to Hernando Oaks Golf Course	Connect Brooksville reclaim transmission line to Hernando Oaks Golf Course for irrigation purposes.	Reuse Project	Planned	2018	2019	STF	TBD	\$490,000	DEP	DEP: \$490,000
Hernando County	HC-01	Package Plant Connection Project	Connect several private wastewater package plants to the county's central wastewater collection system.	Wastewater System Upgrade	Underway	2016	2019	WWTF	Not Provided	\$3,689,270	County/DEP	DEP: \$3,432,970 County: \$256,300
Hernando County	HC-02	Oakley Island Sewer Infrastructure	Design, permit, and construct a municipal sewer system to eliminate 15 septic systems and connect the county park to the sewer system.	Wastewater Service Area Expansion	Underway	2016	2019	OSTDS	338	\$578,760	County/DEP	DEP: \$491,160 County: \$87,600
Hernando County	HC-03	Septic to Sewer Conversion Study	Quantified and studied the feasibility of converting approximately 30,000 septic systems within 19 districts to central sewer in the Spring Hill area.	Study	Completed	2016	2017	OSTDS	N/A	\$240,000	Fish & Wildlife Foundation/County	Foundation: \$138,000 County: \$102,000
Hernando County	HC-04	District A - Phase I Septic to Sewer Conversion	Convert 450 septic systems to central sewer.	Wastewater Service Area Expansion	Planned	2019	2021	OSTDS	5,500	\$10,000,000	County/DEP	TBD
Hernando County	HC-05	District A - Phase II Septic to Sewer Conversion	Convert 450 septic systems to central sewer.	Wastewater Service Area Expansion	Planned	2021	2023	OSTDS	5,500	\$10,000,000	County/DEP	TBD
Hernando County	HC-06	District B - Phase I Septic to Sewer Conversion	Convert 650 septic systems to central sewer.	Wastewater Service Area Expansion	Planned	2023	2026	OSTDS	8,100	\$14,000,000	County/DEP	TBD
Hernando County	HC-07	District B - Phase II Septic to Sewer Conversion	Convert 660 septic systems to central sewer.	Wastewater Service Area Expansion	Planned	2025	2027	OSTDS	8,100	\$14,000,000	County/DEP	TBD

## Septic to Sewer Conversion District A Funding Breakdown

Funding Source	FY2021
Hernando County	\$ 2,475,000
District	\$ 2,475,000
FDEP	\$ 11,550,000
Other	-0-
Total	\$16,500,000



# TOTAL NITROGEN REDUCTION

- 3703 Pounds Nitrogen per Year Reduction
- \$148.54 per Pound of TN Removed over 30 Years

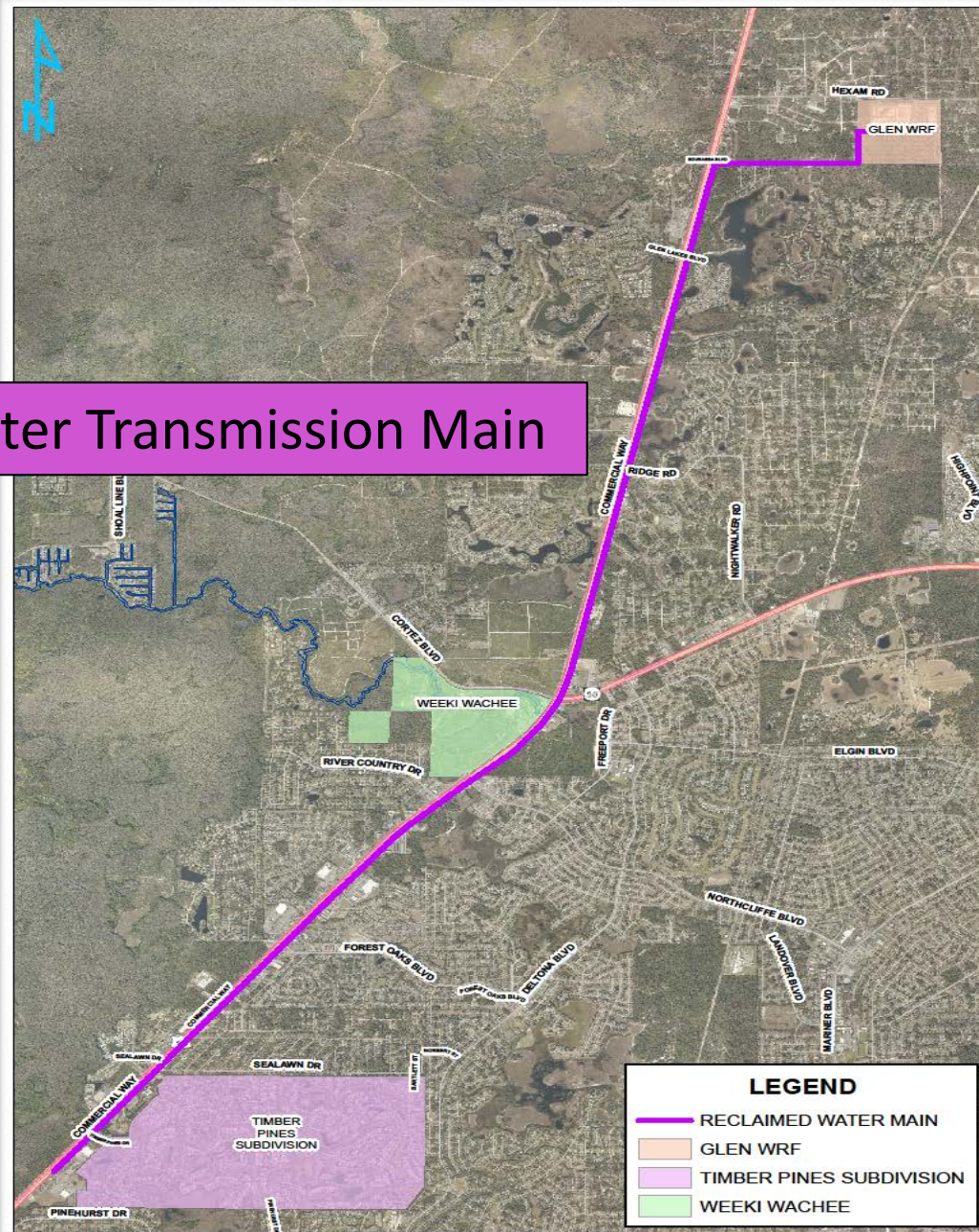
# GLEN WATER RECLAMATION FACILITY DENITRIFICATION



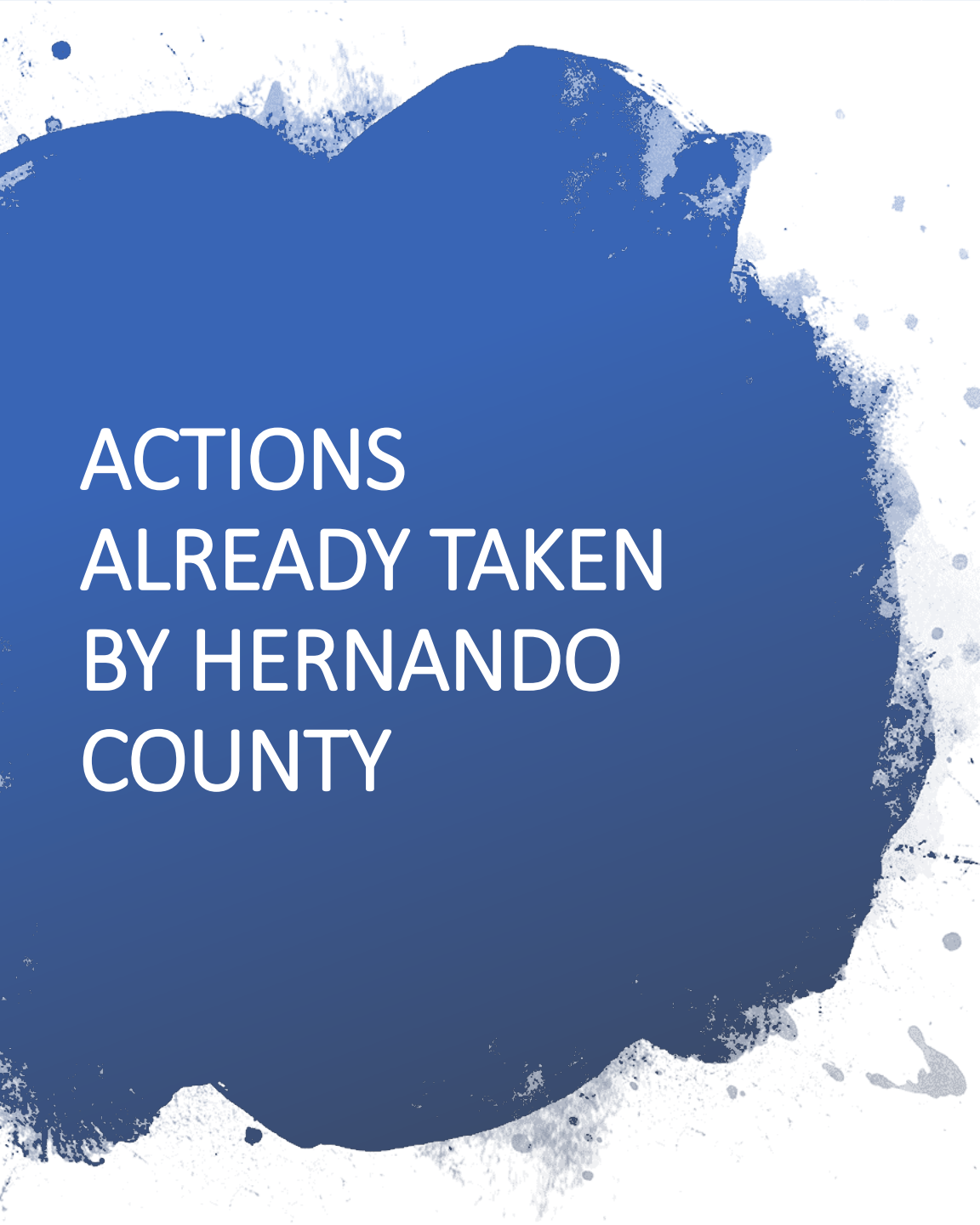


# The Glen Water Reclamation Facility

Reclaimed Water Transmission Main







## ACTIONS ALREADY TAKEN BY HERNANDO COUNTY

- Landfill leachate has been removed from the process
- Septage treatment may be discontinued or limited



Lead Entity	Project Number	Project Name	Project Description	Project Type	Project Status	Start Date	Estimated Completion Date	Nitrogen Source Addressed by Project	Estimated Nitrogen Load Reduction (lb-N/yr)	Cost Estimate	Funding Source	Funding Amount
Hernando County	HC-15	South Brooksville BMP 5 Dauson Stormwater Project	Construction of a stormwater pond providing water quality treatment and flood storage for runoff from untreated existing urban area.	Wet Detention Pond	Completed	2012	2014	UTF	179	\$498,625	County/ SWFWMD	SWFWMD\$ 175,000 County: \$323,625
Hernando County	HC-16	South Brooksville BMP 6 Josephine Street Stormwater Project	Construction of a stormwater pond providing water quality treatment and flood storage for runoff from untreated existing urban area.	Wet Detention Pond	Underway	2015	2018	UTF	36	\$612,000	County/ SWFWMD	SWFWMD\$ 175,000 County: \$437,000
Hernando County	HC-17	South Brooksville BMP 7 Russell Street Stormwater Project	Construction of a stormwater pond providing water quality treatment and flood storage for runoff from untreated existing urban area.	Wet Detention Pond	Underway	2015	2017	UTF	80	\$1,115,612	County/ SWFWMD	SWFWMD \$475,000 County: \$640,612
Hernando County	HC-18	Peck Sink Preserve Stormwater Management Facility	Construction of stormwater treatment train providing water quality pretreatment of surface discharges to Peck Sink.	BMP Treatment Train	Completed	2010	2014	UTF	Not Provided	\$3,200,000	County/ SWFWMD/ DEP/ USDA	Not Provided
Hernando County	HC-19	Decommissioning of the Berkeley Manor WTF	Diverting wastewater flow to Airport Wastewater Treatment Plant (WWTP) that achieves better nitrogen removal and demolishing the Berkeley Manor WTF.	Wastewater Treatment Facility Upgrade	Underway	2012	2017	WWTF	Not Provided	\$1,100,000	County	County: \$1,100,000
Hernando County	HC-20	Decommissioning of the Spring Hill Water Reclamation Facility (WRF)	Diverting wastewater flow to other county treatment facilities that achieve better nitrogen removal and demolishing the Spring Hill WRF.	Wastewater Treatment Facility Upgrade	Planned	2019	2020	WWTF	46,171	\$11,277,000	County	County: 11,277,000
Hernando County	HC-21	Airport WWTP Upgrade	Add filtration and expand capacity; allow public access reuse.	Wastewater Treatment Facility Upgrade	Planned	2020	2022	WWTF	TBD	\$35,000,000	County/ DEP	TBD
Hernando County	HC-22	Rogers Park Low Impact Development (LID) Improvements	Design, permit, and construct stormwater improvements at Rogers Park to reduce sediment, nutrient, and other contaminant loads to the Weeki Wachee River.	Low Impact Development	Underway	2014	2018	UTF	12	\$525,000	SWFWMD/Hernando Co	SWFWMD\$ 225,000 Hernando Co.: \$300,000
Hernando County	HC-23	Street Sweeping	Street sweeping of 46 miles of urban roadways	Street Sweeping	Underway	Not Provided	Not Provided	UTF	320	\$8,000	County	County: \$8,000/yr



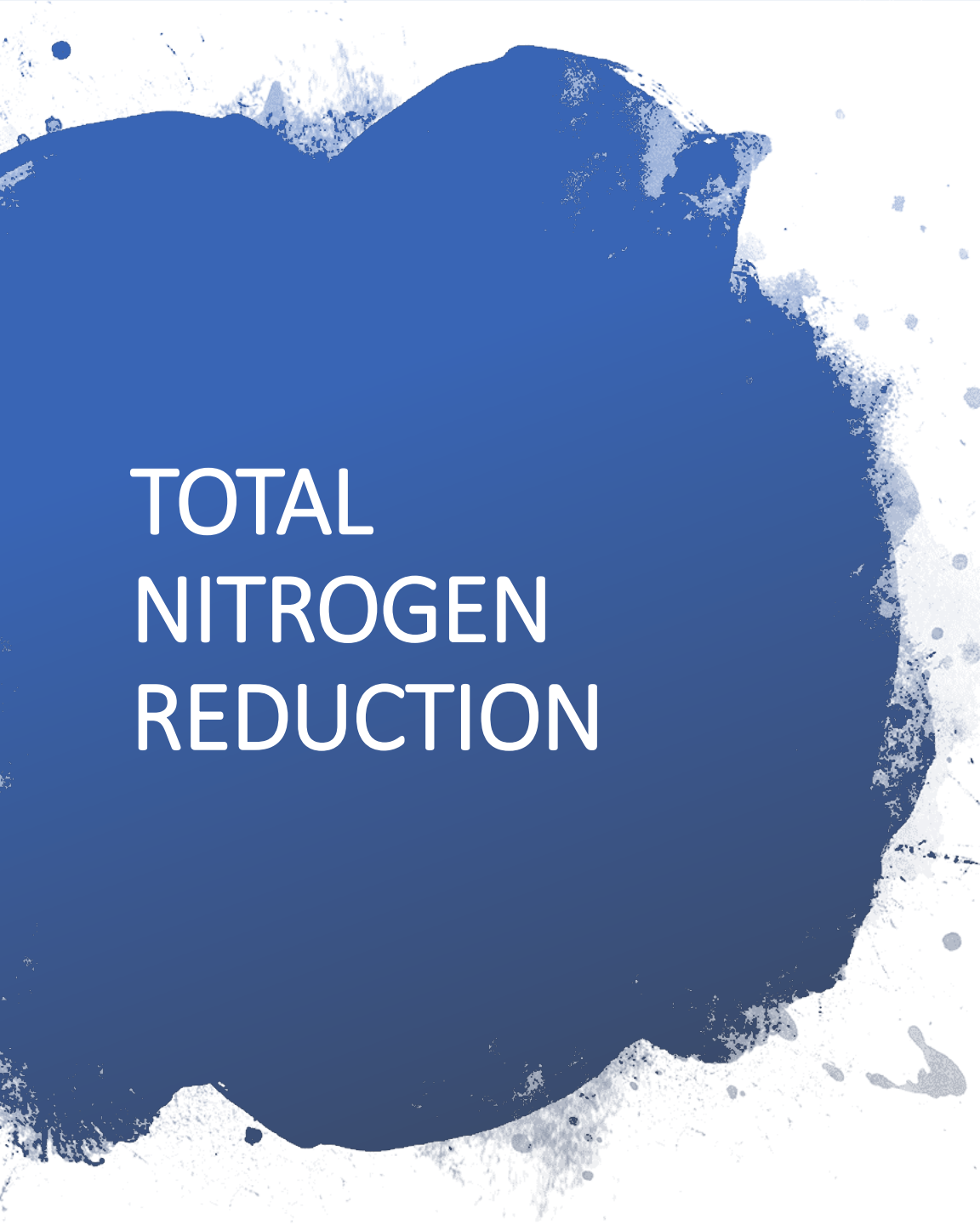
# Glen WWTP Advanced Wastewater Treatment Upgrade Funding Breakdown

Funding Source	FY2021
Hernando County	\$ 1,300,000
District	-0-
FDEP	\$ 3,700,000
Other	-0-
Total	\$ 5,000,000









# TOTAL NITROGEN REDUCTION

- 24,592 Pounds of Nitrogen Per Year Reduction
- \$6.78 per Pound of TN Removed over 30 Years



## Contact Information

---

Richard C. Kirby IV, P.E.

Engineering Division Manager

Hernando County Utilities  
Department

15365 Cortez Blvd.

Brooksville FL 34613

[Rkirby@hernandocounty.us](mailto:Rkirby@hernandocounty.us)

