



MEMORANDUM
from the
Department of Parks & Recreation

Date: 5/3/2022

To: Christine Brady
Assistant County Manager

From: Jesse Lavender
Director, Parks & Recreation

SUBJECT: Conservation 20/20 FY2020-2021 Annual Report

Please find attached a report documenting land acquisitions, large projects and overall land management during Fiscal Year 2020-2021 for the Lee County Conservation 20/20 program.

cc: Alise Flanjack, Deputy Director, Parks & Recreation

CONSERVATION 20/20 ANNUAL REPORT

FY2020-2021 (October 2020-September 2021)

OVERVIEW

Total acreage to date	31,345.17
Total acquisitions to date	150
Total preserves to date	51

I. ACQUISITION

<i>Preserve</i>	<i>Acreage</i>	<i>Nomination</i>	<i>Date acquired</i>
Imperial Marsh Preserve	198.87	598	10/20/2020
Pine Island Flatwoods – Bayside	15	592	11/16/2020
Four Mile Cove Preserve	193.87	605	11/23/2020
Oak Hammock Preserve	426.71	80-2	1/27/2021
Bob Janes Preserve	98.68	572	4/13/2021
Bob Janes Preserve	175.98	580	4/13/2021
Pine Island Flatwoods – Bayside	10	607	5/13/2021
Total	1,119.16		

All acquired parcels were combined into existing Conservation 20/20 preserves or other protected lands.

II. FINANCIALS (as of end of fiscal year)

Current acquisition fund balance	\$33,073,672
Cost of property purchased during FY2020-2021	\$13,808,492.66
Management fund balance	\$1,717,453

III. LAND MANAGEMENT

A. Large projects initiated or completed

<i>Preserve</i>	<i>Project</i>	<i>Initiated</i>	<i>Completed</i>
Wild Turkey Strand Preserve	Hydrologic restoration	June 2016	Pending funding
West Marsh Preserve	Hydrologic improvement - LAMSID partnership	April 2017	November 2021
Pine Lake Preserve	Hydrologic restoration - City of Bonita Springs partnership	October 2020	October 2021
Matanzas pass	Expanding boardwalk, observation deck, floating kayak launch.	February 2019	2021
DEEP LAGOON MU1-2	Exotic treatment, initial and 2 follow events. 119 acres.	August 2020	November 2020
PINE LAKE PRESERVE	Exotic treatment, 175 acres.	November 2020	December 2020
IMPERIAL MARSH PRESERVE	Exotic treatment, site 321, 154.	April 2021	August 2021

SIX MILE CYPRESS MU 11	Exotic treatment, 43 acres, mitigation area.	April 2021	June 2021
SIX MILE CYPRESS N MU13	Exotic maintenance, units 13-15, 506 acres.	April 2021	May 2021
IMPERIAL MARSH	Exotic treatment, site 288, 400 acres.	April 2021	September 2021
SIX MILE CYPRESS N MU 16	Exotic treatment, 395 acres (20 ac mitigation).	April 2021	July 2021
ALVA SCRUB 163	Exotic treatment, 310 acres, parcel 163.	April 2021	August 2021
CHARLOTTE HARBOR	Exotic treatment, 3 parcels, 62 acres.	May 2021	June 2021
DANIELS PRES@SPANISH	Exotic treatment, 125 acres.	May 2021	October 2021
ALVA SCRUB PRES	Exotic treatment, 130 acres.	May 2021	October 2021
BUCKINGHAM TRAILS	Exotic treatment, 572 acres.	May 2021	October 2021
PRAIRIE PINES PRESERVE	Exotic treatment, 354 acres (include mitigation area).	May 2021	September 2021
IMPERIAL MARSH PRES	Exotic treatment, site 93, 97 acres.	May 2021	November 2021
CAL CREEK WEST PRES	Exotic treatment, 311 acres, MU 10 and Site #82.	September 2021	September 2021

B. Funding received

<i>Preserve</i>	<i>Amount</i>	<i>Project</i>	<i>Funding source</i>	<i>Status</i>
Wild Turkey Strand Preserve	\$59,381	Exotics treatment	FWC	Completed
Buttonwood Preserve	\$20,000	Beautiful pawpaw management	USFWS	Implementation
Telegraph Creek Preserve	\$6,450	Gopher tortoise habitat management	FWC	Implementation
Multiple Preserves	\$1,620	Env education related to gopher tortoises	Gopher Tortoise Council	Completed
Buttonwood Preserve	\$21,316	Beautiful pawpaw management	FDACS	Completed
TOTAL	\$108,767			

C. Prescribed burns

<i>Preserve</i>	<i>Acres burned</i>	<i>Date</i>
Telegraph Creek Preserve	780	3/10/2021
Bob Janes Preserve	945	3/24/2021
Alva Scrub Preserve	21	5/4/2021
TOTAL	1,746	

D. Feral hog removal

<i>Preserve</i>	<i>Hogs removed</i>
Alva Scrub Preserve	52

Bob Janes Preserve	16
Buckingham Trails Preserve	32
Charlotte Harbor Buffer Preserve	39
Daniels Preserve at Spanish Creek	39
Pop Ash Creek Preserve	0
Six Mile Cypress Slough Preserve North	99
Six Mile Cypress Slough	9
Smokehouse Bay Preserve	0
Telegraph Creek Preserve	307
Yellow Fever Creek Preserve	2
Yucca Pens Preserve	68
Wakehatchee	7
Caloosahatchee Creeks	1
Caloosahatchee Regional Park	9
Hickey's Creek	31
TOTAL	672

IV. PUBLIC ACCESS

Amenities maintained

Marked hiking trails	132.4 miles
Fire line trails	56.95 miles
Equestrian trails	58 miles
Bicycling trails	23.5 miles
Paddle craft launches/landings	4
Paved/gravel parking entrances	17

V. UPCOMING FISCAL YEAR (FY2021-2022)

Large projects include:

<i>Preserve</i>	<i>Project</i>
Pine Island Flatwoods Preserve	Hydrologic restoration of abandoned shrimp ponds.
Caloosahatchee Creeks Preserve East	Boardwalk sections of trail to create a year-round trail experience.
Larry Kiker Preserve	Design of preserve amenities and stormwater management.
GS-10	Hydrologic restoration project conducted by LAMSID, parking lot and paddle craft launch.

Acronyms:

FDACS – Florida Department of Agriculture & Consumer Services

FWC – Florida Fish and Wildlife Conservation Commission

USFWS – United States Fish and Wildlife Service