Conservation Area Impact Permit Request



Conservation Area Impact Permit Request CAI-23-10-047 District #4

Applicant: Lockheed Martin Corp

Address: 19040 Cocoa Water Plant Rd Parcel ID: 13-24-32-0000-00-001

Project Site Project Location









ects22\22-0378.000_ETS_Building\General-Civil\Design\Plans\0200_SITE.dwg_Plotted: Jul 02, 2024 - 1:40pm











| Legend received | |
|---|------------|
| ETS Facility Improvements Project Limits | Assessme |
| CAD Wetland Line | AA-1 625 |
| Wetland Extent | AA-2 625 |
| — Upland Buffer Limit (50 Foot) | AA-3 625 |
| — Upland Buffer (25 Foot) | AA-4 630 |
| Direct Wetland Impacts Fill (4.22 Ac.) | AA-5 621 |
| Wetland Impacts Clearing (24.92 Ac.) | AA-6 625 |
| Secondary Wetland Impacts [50 Foot Buffer] (15.00 Ac. |) AA-7 621 |
| Upland Buffer [50-Foot] Direct Impacts (0.54 Ac.) | AA-8 625 |
| Upland Buffer [50 Foot] Clearing Impacts (2.27 Ac.) | |







Service Layer Credits:

Project Boundary: Southeastern Survey & Mapping (12.2023) Wetland Limits: Montrose (Sept. 2022) Approved CAD 23-08-123 Project Design & Layout: DRMP (March 2024) Assessment Areas: FNAI data layer and Montrose Biologist review

ENVIRONMENTAI Figure No. 1

IROSE



Close-Up of 'Figure No. 1: Habitat Assessment Areas Map w/ Aerial'



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Legend

received 7/6/2024

- **Conservation Area**
- Wetland Buffer [50 Feet]
- Conservation Area Signage

Habitat Community Types

- 4110 Pine Flatwoods (14.0 Acres)
- 6210 Cypress (155.9 Acres)
- 6250 Hydric Pine Flatwoods (115.8 Acres)
- 6300 Wetland Forested Mix (6.5 Acres)
- 6310 Wetland Shrub (29.4 Acres)
- 8146 Trails

DRN: MLP

ETS FACILITY IMPROVEMENTS MAINTENANCE PLAN

INTRODUCTION

As mitigation to offset adverse wetland impacts, Lockheed Martin Corporation is proposing onsite preservation of wetland and upland communities within a ±4,700-acre parcel it wholly owns and controls. The preservation area is proposed to be placed under a conservation easement dedicated to Orange County Board of County Commissioners.

MAINTENANCE PROGRAM

A maintenance program will be implemented within the preservation area. The maintenance program includes keeping the preservation area from expansive exotic and nuisance vegetation coverage, as defined by the Florida Exotic Pest Plant Council (FEPPC) (Appendix A- FEPPC Plant List). Exotic plant species shall not exceed 5% and nuisance plan species shall not exceed 10% of the total coverage between maintenance activities. Additionally, desirable plant species will be maintained at a minimum of 80% coverage of the preservation area.

The vegetative community is proposed to be maintained through mechanical and chemical methods ensuring the habitat structure is maintained. An evaluation of the success of the maintenance effort will be included in each maintenance report until success of the preservation area is demonstrated.

SCHEDULE

Quarterly site reviews are proposed to be conducted in review of the preservation area for the presence of nuisance and exotic plant species. All observations of invasive vegetation are proposed to be located using hand-held GPS unit and placed on a map for follow up maintenance events. Each maintenance event will include recording species targeted and approximate area treated. These sites will be revisited in the following quarter for review of treatment effectiveness.

DOCUMENTATION

Each maintenance event will include recording of all maintenance activities, including dates, tasks performed, and any issues encountered. species targeted and approximate area treated. Each site treated will be revisited to review treatment effectiveness. Annual reporting of maintenance activities will be reported to the Orange County Environmental Protection Division each December for a period of five (5) years.

REFERENCES

Florida Exotic Pest Plant Council (FEPPC). Florida exotic pest plant council's 2023 list of invasive plant species. [On-line]. <u>https://www.floridainvasives.org/wp-content/uploads/2024/02/2023-FiSC-Plant-List-Brochure-11-27-23.pdf</u> Retrieved March 24, 2024.