

PART II – Quantification of Assessment Area (impact or mitigation)
(See Rules 62-345.500 and .600, F.A.C.)

Site/Project Name Yellow Fever Creek Preserve Enhancement	Application Number	Assessment Area Name or Number Generic
Impact or Mitigation Mitigation	Assessment conducted by:	Assessment date:

Scoring Guidance The scoring of each indicator is based on what would be suitable for the type of wetland or surface water assessed	Optimal (10)	Moderate(7)	Minimal (4)	Not Present (0)
	Condition is optimal and fully supports wetland/surface water functions	Condition is less than optimal, but sufficient to maintain most wetland/surface waterfunctions	Minimal level of support of wetland/surface water functions	Condition is insufficient to provide wetland/surface water functions

.500(6)(a) Location and Landscape Support w/o pres or current with <div>7</div> <div>7</div>	Land use history for YFCP is similar to much of the land in Lee County. Very few alterations were made on what is now the YFCP, but drastic alterations occurred on adjacent property, primarily due to land clearing and canal dredging for what is now the City of Cape Coral. The management plan includes, invasive/exotic treatment, rollerchopping, prescribed burns, and hydrologic improvements.
.500(6)(b)Water Environment (n/a for uplands) w/o pres or current with <div>4</div> <div>7</div>	Hydrological alterations have been made on and directly adjacent to YFCP that affect the natural sheet flow across the lands. The headwaters of Yellow Fever Creek were truncated due to development. Residential development, roads, and off-site canals have drastically altered the amount and timing of water entering the YFCP. The Management Plan calls for hydrologic improvements to Yellow Fever Creek by Lee County's Natural Resources Division
.500(6)(c)Community structure 1. Vegetation and/or 2. Benthic Community w/o pres or current with <div>7</div> <div>7</div>	Approximately 44% of the YFCP has been categorized as disturbed communities, primarily due to lack of fire or hydrologic changes. Multiple restoration activities have been conducted as part of the Land Stewardship Plan, including; fuel reduction, melaleuca logging, exotic plant treatments. The management plan includes, invasive/exotic treatment, rollerchopping, prescribed burns, and hydrologic improvements.

Score = sum of above scores/30 (if uplands, divide by 20)	
current or w/o pres	with
<div>0.6</div>	<div>0.7</div>

If preservation as mitigation,
Preservation adjustment factor =
Adjusted mitigation delta =

For impact assessment areas
FL = delta x acres =

Delta = [with-current]
<div>0.1</div>

If mitigation
Time lag (t-factor) =
Risk factor =

For mitigation assessment areas
RFG = delta/(t-factor x risk) =