



## MEETING NOTES

HABITAT CONSERVATION  
 SUBCOMMITTEE

MARCH 1, 2019

9:30 AM – 12:30 PM

CHARLOTTE COMMUNITY  
 FOUNDATION  
 227 SULLIVAN ST, PUNTA  
 GORDA, FL 33950

<b>MEETING NOTES BY</b>	Nicole Iadevaia, Research and Outreach Specialist	
<b>TYPE OF MEETING</b>	Habitat Restoration Needs Project	
<b>ATTENDEES</b>	Jennifer Hecker, CHNEP Nicole Iadevaia, CHNEP Chris Warn, ESA Doug Robison, ESA Brett Solomon, ESA Lizanne Garcia, SWFWMD Mark Sramek, US Fish and Wildlife	Corey Anderson, FWC Dave Sumpter, Wildlands Conservation Debi Osborne, Conservation Foundation of the Gulf Coast Gary Raulerson, TBEP (via WebEx)
<b>MEETING PURPOSE</b>	To update the Habitat Conservation Subcommittee (HCS) on the progress of the CHNEP Habitat Restoration Needs (HRN) Project and present the Draft Final Report, Results, and Maps for discussion and gather comments	

### Comments for Draft Habitat Restoration Needs Report

<b>COMMENTS</b>	<ul style="list-style-type: none"> <li>➤ Title: Habitat Restoration Needs Plan for the Coastal &amp; Heartland National Estuary Partnership Area</li> <li>➤ Add CHNEP logo to title page</li> <li>➤ Delete Second and Third Title page</li> <li>➤ Revise/Eliminate Footer</li> <li>➤ Electronic Format of report: hotlink TOC to respective headers so that stakeholders can be taken to appropriate section of pdf doc. (CHNEP would like to share final product to decision and policy makers to factor into coastal resiliency planning. Explain linkages and conclusion for actual interested parties. Science communication to make results accessible to decision makers.)</li> <li>➤ Group basins north to south in report.</li> <li>➤ Remove Janicki Report and references to that particular appendix.</li> <li>➤ CREATE A LARGE MAP IN REPORT AS PULL OUT Fig. ES1</li> <li>➤ Ensure 'Non-restorable' is changed to 'Existing Development' throughout entire document</li> </ul>
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- Ensure critical habitat is changed to priority habitat throughout the doc.
- Ensure throughout the document that RM will now be used with language ‘ targets’ and P/C and Reservation will be used with language ‘ opportunities’ including tables. Can build language into report that we assume 100% of restoration will be done, but explain why P/C and Reservation would only be opportunities.
- Ensure HEM model, change analysis, and stakeholder identified areas are compared with results in P/C, R/M, and reservation maps. Draw out where these maps/results reinforce one another and highlight this in the results section by basin.
- Exec Summary: Reservation does not represent unprotected public lands, describe instead as non-natural or altered lands.
- Specify that panther habitat overlay is incorporated into the p/c opportunities and r/m and targets acreages.
- Add language to exec summary conclusion and in each basin section that:
- Current and future research and analysis may support additional p/c opportunities and r/m targets not currently represented here.
- Reference HEM model (and SLR) and how it was used to est. 5ft contour recommendation and reservation opportunities in exec summary, each basin and appendix a-methodology. Clarifying language about why to pick MLW for reservation. (I.e. HEM projected where habitat could be disproportionately lost or changed. Used to set reservation targets. Important in understanding restoration priorities for coastal zone. Focus on low salinity habitats i.e. salt march b/c those areas will be high salinity)
- Appendix B: Insert a sentence that the HEM report was produced for the HRCC project (other purposes) but also used to inform the approach used for HRN and selection of the 5ft contour to identify reservation opportunities.
- Pg. 10 Non-native delete sentence: This category represents restorable lands.
- Pg. 11 Change Target types to target and opportunity types- Needs to be done throughout document.
- Section 4 change: All of section 4 needs to be reworked to reflect targets/opportunities language.
- ‘For the remaining portions of the CHNEP area- areas other than existing development Targets and opportunities were developed and defined, including:
  - P/C opportunities
  - R/M targets
  - Reservation opportunities

- Delete last sentence of first paragraph. Instead say Explain in analysis Step 4 that all maps were overlaid to ensure there was no overlap between the three major categories as defined above.
- Page 19: In the intro paragraph, CHNEP area: 3 categories, and total acreage does not add up: Remaining acres in this area were not identified through this project for targets R/M targets P/C and Reservation opportunities or Existing Development.
- Pg 41: R/M Results and Recommendation's: Land Acquisition Investments that have already been made in this basin reinforce preparedness for SLR (i.e. East and West Walls)
- Pg. 46 Active development area above Winegourd Creek in CH area mapped as P/C- would now be existing development category. Note needed in results section and asterisk added to map of that basin addressing this change.
- Pg. 50 Coral Creek Peninsula acquisition mapped as potential P/C- would now be R/M Note needed in results section and asterisk added to map of that basin addressing this change.
- Pg. 92 Filter marsh installed in R/M area south of Lake Hancock (SWFWMD has restored) mapped as R/M but would now be Management alone. Note needed in results section and asterisk added to map of that basin addressing this change.
- Pg. 100 Pre-platted lots in CH and Pine Island maps that are still predominantly native habitat mapped as P/C opportunities. Note needed in results section and asterisk added to map of that basin addressing that these are pre-platted lots and why they were mapped in P/C.
- Pg. 75 Reservation areas in Lemon Bay- Some portions of Don Pedro Park appear in reservation but would in fact be R/M since it is native habitat due to 2010 mapping errors. Note needed in results section and asterisk added to map of that basin addressing this change.
- Pg. 75 Reservation areas in Lemon Bay- Wildflower Preserve which was mapped as golf course but is currently undergoing restoration. Note needed in results section and asterisk added to map of that basin addressing this change.
- **All tables need to be changed:**  
Split into two tables on same page aligned but separated with white space:  
2 headings: **R/M Targets** or **P/C and Reservation Opportunities**
- **Removed table:** Non- native potentially restorable habitat classifications (Acreages) Instead: **Restoration opportunities on non-native public lands** and divide into 3 rows, coastal/tidal wetland, freshwater wetland, and upland.

Non-native total in new tables need to equal acreages totals on previous non-native table that was removed.

- Identify rare/exemplary habitats to prioritize (as was supported by the change analysis) in executive summary and in basin recommendations/ results.
- Mention in executive summary and in each basin summary/results that change analysis reflects HEM modeling:
  - -Coastal/Tidal wetlands are stable but there increases in mangrove- decline in salt marsh. Draw out any linkages to this in basin summary/recommendations.
  - -Uplands- significant loss of pine flatwoods
  - -Freshwater wetlands- address habitat shifts or mapping errors where applicable by basin.
- ID priority habitat by each stratum in executive summary and by basin where applicable:
  - -Coastal (reservation is key) salt barren, salt marsh
  - -River floodplain, freshwater wetlands
  - -Upland and headwaters are key- sand pine, longleaf pine, pine flatwoods
- Need to identify R/M target acreages in final doc and need to add language explanation of how these numbers were achieved:  
 Use best available data/methods to generate acreages for the big three: Coastal/tidal wetlands, freshwater wetlands, and upland.  
Use best of following two methods:
  - 1. Overlay historic Pre-settlement maps on R/M maps and calculate acreages (in big 3) if these areas were restored to historic conditions.
  - 2. Identify types from available online gis, create a calculation and crosswalk table to group soils into 3 habitat categories: Coastal/tidal wetlands, freshwater wetlands, and upland. Then overlay these maps on R/M maps and calculate acreages (in big 3) if these areas were restored to historic conditions.

NEXT STEPS	DUE DATE	PERSON(S) ASSIGNED
✓ Corey Anderson will review maps for accuracy	Complete	Corey Anderson
✓ Nicole will contact Cathy Olsen, Kim Fikoski, and Jim Beever to seek further analysis and review maps in southern basins for accuracy	Complete	CHNEP
✓ Draft HCS Meeting Notes	Complete	CHNEP
✓ Jennifer Hecker will contact SFWMD for Pre-settlement maps in SFWMD area	Complete	CHNEP
✓ ESA will contact Jim Beever, SWFRPC for Pre-settlement maps in SFWMD area	Complete	ESA

NEXT STEPS	DUE DATE	PERSON(S) ASSIGNED
✓ Nicole will provide any additional mapping notes provided by partners to ESA staff	ASAP	CHNEP
✓ Nicole will send out Save the Date for next HCS meeting	ASAP	CHNEP
✓ Debi Osborne will provide parcels in northern CHNEP areas acquired since analysis and review maps for accuracy	ASAP	Debi Osborne
✓ Lizanne Garcia will contact SWFWMD GIS staff for Pre-settlement maps in SWFWMD area	ASAP	Lizanne Garcia
✓ ESA staff will query soil maps and contact Dave Sumpter for crosswalk sorting soil types into 3 habitat categories: coastal/tidal wetlands, freshwater wetlands, uplands	As Needed	ESA
✓ Dave Sumpter will provide ESA with crosswalk sorting soil types into 3 habitat categories: coastal/tidal wetlands, freshwater wetlands, uplands	As Needed	Dave Sumpter
✓ ESA staff will use best method to identify R/M target acreages in final doc and add tables/ explanation of how these numbers were achieved	ASAP	ESA
✓ ESA staff will incorporate above major comments and make revisions to draft HRN Report and return to CHNEP for review	March 14	ESA
✓ CHNEP will send final HCS meeting agenda with revised draft	March 21	CHNEP
✓ HCS Meeting to follow up on how above major comments and revisions were addressed. Gather minor final comments	March 28	CHNEP/ESA
✓ ESA incorporates any final minor changes into report and provides final HRN Report to CHNEP	April 2	ESA
✓ CHNEP sends out TAC agenda with final HRN Report as an attachment	April 4	CHNEP
✓ ESA Creates presentation for TAC meeting and provides to CHNEP	April 12	ESA
✓ TAC Meeting for final HRN Report Presentation	April 18	CHNEP/ESA
✓ CAC Meeting for final HRN Report Presentation	May 1	CHNEP/ESA
✓ MAC Meeting for final HRN Report Presentation	May 17	CHNEP/ESA
✓ Policy Meeting for final HRN Report presentation	May 30	CHNEP/ESA