

Southern Coastal System Crocodile Performance Measure Comment Response Matrix for the RECOVER-wide and Public Review from July 31 - August 15, 2015

#	Unique ID	Line, Table of Figure	Comment	Commentor Name	Agency/Tribe	Response	Region
1	SCS1	line 77	The acronym, NSM, should first be explained here.	A.R.Woodward, H.J.Dutton, A.M.Brunell	FFWCC	The document has been revised according to the comment.	SCS
2	SCS2	lines 83, 84-86	We would suggest clarifying this to indicate that the metric is " average " growth, survival, and body condition for the sample of captured crocs. This would clarify that these metrics are not minimum levels for individuals or for the sample of captured crocs.	A.R.Woodward, H.J.Dutton, A.M.Brunell	FFWCC	The document has been revised according to the comment.	SCS
3	SCS3	Lines 85 & 87	We would suggest clarifying these measures to indicate " long-term " relative density and nesting. This allows for natural short term variation below the starting point. This could happen as a result of periodic droughts, freezes, and other natural environmental events.	A.R.Woodward, H.J.Dutton, A.M.Brunell	FFWCC	Language added to indicate that this needs to be evaluated long-term as well as annually. These metrics are underdevelopment so exact time frame has not been set but likely will be similar to the 5 years for alligator relative density and potentially 5-10 years for nesting.	SCS
4	SCS4	line 125	The term "Distribution" needs to be defined here. It is unclear whether size distribution or spatial distribution	A.R.Woodward, H.J.Dutton, A.M.Brunell	FFWCC	Reworded to say "data for all crocodiles" - distribution referred to the distribution of data.	SCS
5	SCS5	lines 133-134	It is not clear if the average or minimum growth rates for individuals or the sample of captured crocs is being presented/referred to.	A.R.Woodward, H.J.Dutton, A.M.Brunell	FFWCC	Clarified that it is the average for animals captured in the reporting year.	SCS
6	SCS6	lines 150-151	It is not clear whether targets are average or minimum.	A.R.Woodward, H.J.Dutton, A.M.Brunell	FFWCC	Clarified that it is the average for animals captured in the reporting year.	SCS
7	SCS7	lines 153-155	This sentence is somewhat confusing. What does "total" refer to?	A.R.Woodward, H.J.Dutton, A.M.Brunell	FFWCC	Reworded to indicate that "total" refers to survival of all non-hatchling crocodiles, not just juveniles	SCS
8	SCS8	lines 167-169	It is suggested that a trend analysis be used for target thresholds. As this reads, any nesting year that falls below the starting level would result in failed performance.	A.R.Woodward, H.J.Dutton, A.M.Brunell	FFWCC	Changed the wording to indicate that the number of nests is measured annually. The intent is to determine an appropriate longer-term frame (3, 4, 5 years etc) to assess	SCS
9	SCS9	lines 230-231	It is not clear what "ga[u]ges" are being referenced here.	A.R.Woodward, H.J.Dutton, A.M.Brunell	FFWCC	Clarified that these are the ENP Marine Monitoring Network gages.	SCS
10	SCS10	Table 1	Need to clarify in the caption that the average growth and survival of the sample of captured crocodiles is presented.	A.R.Woodward, H.J.Dutton, A.M.Brunell	FFWCC	Clarified that growth was the average. Survival is the minimum known alive- or how many were known to have survived to 12 months out of all hatchlings	SCS
11	SCS11	Table 4	Need to clarify in the caption that the average growth for the sample of captured crocodiles is presented.	A.R.Woodward, H.J.Dutton, A.M.Brunell	FFWCC	The document has been revised according to the comment.	SCS
12	SCS12	Figure 2	The figure should indicate that the figure shows abundance and distribution.	A.R.Woodward, H.J.Dutton, A.M.Brunell	FFWCC	We believe the comment refers to Figure 3 not 2 and we have edited the caption to include that the figure presents distribution AND abundance information as recommended by the reviewer.	SCS
13	SCS13	NA	Audubon is concerned that 3 of the 5 metrics and targets have not been fully described in time for this public comment period but hope they will be based on the state of the current alligator metrics that are part of the system-wide crocodilian assessment. Once these crocodile metrics are fully described, we hope there will be an opportunity to review the final full performance measure.	J.Lorenz	Florida Audubon	It is fully anticipated that the undescribed 3 metrics will be similar to those in the alligator performance measure. RECOVER decided to move forward with the metrics in hand to get this performance measure approved for use now in evaluating project alternatives and assessing existing and future conditions. A future revision of the PM to include the currently undescribed metrics will be deemed a significant revision and will be submitted for public review.	SCS
14	SCS14	NA	Audubon also suggests the addition of a sixth metric regarding the spatial extent of nests in NE Florida Bay based on the work of Ogden (1978). Audubon suggests that goals of range expansion be tied to comparisons of historical ranges of the 1960s. Something along the lines of current nesting range being scored red, expansion back to the range of 1960 be yellow, and expansion beyond the 19602 range be green.	J.Lorenz	Florida Audubon	Comment duly noted and will be taken under advisement for the first revision of this PM.	SCS