

RCB

Correction to Figs. 1 & 2 in PC-33 (comments of GSACC and others including Greenpeace)

This is a correction submitted by Larry Edwards of Greenpeace on January 12, 2013, to comments (PC-33) submitted by his organization and four others. PC-33 is the comments of five organizations on the Feasibility Assessment for deer intensive management in Unit-1A.

On pages 25 and 26 of PC-33 there is an error in the quantities shown for Gravina Island in Figures 1 and 2. The correct values are shown below and on the next page.

The carrying capacity of WAA 101 (the entirety of Gravina Island) shown in Figure 2 should have been 9.4 instead of 7.3 deer per square mile. The corresponding overestimation by the 1997 versus the 2008 deer model should then have been 38% instead of the 77% that was shown in both Figs. 1 and 2. All other values in the Figures are correct.

The reason for this revision of the figures is that the deer multiplier recommended by ADF&G in 2002 (see Attachment-1 of our comments, PC-33 at 14 to 26) can be applied to the deer model results in either of two ways, in which case either of two values need to be used for the multiplier to get the correct result. The 2002 ADF&G document recommends using one of those values at 26 in PC-33, and because of changes to how the 2008 deer reports its final results, this is not the value we should have used in our Figures. The matter of which value to use is explained in Appendix to the 2002 ADF&G document at 25 to 26 in PC-33. We should have used a value of 45 instead of 35 deer per square mile.

The corrected figures are below and on the next page. The overestimation of 38% (instead of 77%) for Gravina Island is still quite large and none of the conclusions we have reached in our comments are changed.

Corrected Fig. 1:

Unit 1-A	39%	Overestimation
Gravina Island	38%	Overestimation
Revillagigedo Island	60%	Overestimation
Cleveland Peninsula	34%	Overestimation

See also the corrected Fig. 2 on the next page.

Submitted by:



Larry Edwards

Fig. 2: Unit-1A Deer Model Carrying Capacities by WAA, for 1997 vs. 2008 models

Edwards (23Dec12, for BoG comments)

WAA Location	WAA Number	Model Comparison			If Deer Mult. = 45		Land Area (sq-mi)	Area Weighted Capacity	Carrying Capacity	1997 Model	2008 Model	1997 Model	2008 Model
		1997 Model	2008 Model	2006 Model	1995 Carrying Capacity	1995 Over-estimation							
Gravina Duke I.	101	13	21	-38%	9.4	62.1	62	807	585	13.0	9.4	Gravina I.	
	303	19	18	3%	-	73.3	73	1393	1348	19.0	18.4	Duke I.	
Revilla, east shore	404	22	12	86%	-	281.4	6191	3321	6191	2002	1495		
Revilla, Thorne Arm to Behm	405	24	18	34%	-	83.4	3892	2374	2002	1495	1495		
Revilla, Carroll Inlet	406	20	12	64%	-	194.6	835	953	835	335	2374		
Revilla, George Inlet	407	13	15	-12%	-	64.2	1,076	1,076	182	1795	1431	Revilla Island	
Revilla, Ketchikan	408	7	13	-46%	-	26.0	-	-	1795	1431	1431		
Revilla, Clover to Francis	509	17	14	25%	-	105.6	-	-	4031	2252	2252		
Revilla, Traitors to Bell I.	510	17	10	79%	-	237.1	-	-	4031	424	424		
Revilla, Burroughs Bay	511	15	5	195%	-	83.3	-	-	1250	-	-		
Cleveland, Spacious Bay	612	20	18	13%	-	107.9	-	-	2158	1907	1907		
Cleveland, Helm Bay	613	24	19	29%	-	71.0	358	358	1704	1321	1321		
Cleveland, Meyers Chuck	614	15	20	-24%	-	20.5	-	-	308	407	407		
Cleveland, base	715	15	8	92%	-	158.7	-	-	2381	1238	1238		
Unuk River	716	3	4	-21%	-	523.8	524	1571	1980	3.0	3.8		
Chickamin & Walker Cove	717	8	4	79%	-	227.0	227	1816	1012	8.0	4.5		
Rudyerd Bay	719	4	4	-8%	-	311.9	312	1248	1354	4.0	4.3	Mainland	
Smeaton Bay	821	15	9	67%	-	173.4	173	2601	1554	15.0	9.0		
Boca de Quadra	822	10	8	18%	-	608.9	609	6089	5170	10.0	8.5		
Unit 1-A total						3,474	42,251	30,460	30,460	12.4	8.9	UNIT-1A	

Overall deer carrying capacity over-estimations of the 1997 model:

Unit-1A: 39%

Gravina Island: 38%

Revillagigedo Island: 60%

Cleveland Peninsula: 34%

Data Sources: 1997 model results from the 1997 TLMP FEIS, Table 3-112.

2008 model results and WAA land areas are from 2008 TLMP planning record document 0935 (0935.xls).