

**ORDER – AMENDMENT TO UNGULATE WINTER RANGE U-2-006,
UNITS BS 26 and CH 9-11
Mule Deer and Columbian Black-tailed Deer – Fraser TSA**

This order is given under the authority of sections 9(2) and 12(1) of the *Government Actions Regulation* (B.C. Reg. 582/2004) (GAR).

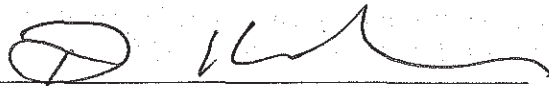
1. The Deputy Minister of Forests, Lands and Natural Resource Operations, being satisfied that
- i. the following area contains habitat that is necessary to meet the habitat requirements for Mule Deer (*Odocoileus hemionus hemionus*) and Columbian Black-tailed Deer (*Odocoileus hemionus columbianus*);
 - ii. the habitat requires special management that is not otherwise provided for under GAR or another enactment;
- orders that
- a) the boundary of unit CH 9-11 in Ungulate Winter Range (UWR) U-2-006 is amended as shown on the attached map “Amendment to UWR U-2-006, Polygon Unit No. CH 9-11”, and contained in the UWR spatial layer stored in the Geographic Warehouse (WHSE_WILDLIFE_MANAGEMENT.WCP_UNGULATE_WINTER_RANGE_SP). The amended boundary of unit CH 9-11 replaces the boundary established for unit CH 9-11 on September 22, 2009. The centre point of the line on the map denoting the UWR is what establishes the boundary;
 - b) the area shown in the map set out in the attached Schedule A “Amendment to UWR U-2-006, Polygon Unit No. BS 26” and contained in the ungulate winter range (UWR) spatial layer stored in the Geographic Warehouse (WHSE_WILDLIFE_MANAGEMENT.WCP_UNGULATE_WINTER_RANGE_SP) is established as unit BS 26 of ungulate winter range U-2-006. The centre point of the line on the attached Schedule A is what establishes the UWR boundary;
 - c) the remaining units established for UWR U-2-006 on September 22, 2009 and contained in the wildlife habitat area (WHA) spatial layer stored in the Geographic Warehouse (WHSE_WILDLIFE_MANAGEMENT.WCP_WILDLIFE_HABITAT_AREA_POLY) remain; and
 - d) if there is any discrepancy between the UWR boundaries as shown in the attached maps and the UWR spatial layer stored in the Geographic Warehouse (WHSE_WILDLIFE_MANAGEMENT.WCP_UNGULATE_WINTER_RANGE_SP), the boundaries as detailed in the UWR spatial file will take precedent.

The Deputy Minister of Forests, Lands and Natural Resource Operations, being satisfied that

- i. the general wildlife measures (GWMs) described below are necessary to protect or conserve Mule Deer and Columbian Black-tailed Deer; and
- ii. GAR or another enactment does not otherwise provide for that protection or conservation;

orders that

- a) GWM 3 for UWR U-2-006, approved on September 22, 2009, is amended to read "Primary forest activities are not permitted within each of the following ungulate winter ranges: AN34, BS23, BS26, BS37, CL13, CQ31, CQ37, MA5-7, MA7-11, NA8-9, NA22, NA25-26, PI9, SP22, TR4, YA29, YA34. General wildlife measure 3 does not apply for the purposes of traditional and cultural activities."; and
- b) the existing GWMs approved for UWR U-2-006 on September 22, 2009 apply to the boundaries of units BS 26 and CH 9-11; and



Signed this 12 day of May, 2011

Doug Konkin, Deputy Minister

Ministry of Forests, Lands and Natural Resource Operations

Appendix

The appendix is not part of the legal order for U-2-006, it is intended to provide background information and support to the legal order establishing U-2-006. Table 1, below, replaces Table 1, Appendix 2 of the order for UWR U-2-006, approved on September 22, 2009

Table 1. Ungulate winter range name, retention amount by snow zone, total retention, comments and percent retention.

UWR Name	Shallow Ret'n (ha)	Moderate Ret'n (ha)	Deep Ret'n (ha)	Total Ret'n (ha)	Comments & % retention
AI 10-30		25.8	141.9	167.6	40/60
AI 13-15	4.5*	95.5	30.9	130.9	Skewed to west
AI 1-4	23.0	139.4	37.4	199.8	20/40/60
AI 16-19	4.4*	112.9	8.4*	125.7	20/40/60
AI 2-AN 40	38.5	29.4		67.9	20/40
AI 20-23	12.7*	111.1	35.1	158.8	20/40/60
AI 26-28	2.3*	41.5	75.8	119.5	20/40/60
AI 7-8		77.9	83.2	161.1	40/60
AN 10-12	21.1	89.1	22.6	132.8	20/40/60
AN 13-18	0	67.5	38.6	106.1	Some Ret'n in Park
AN 17-22		97.3	139.0	236.4	40/60
AN 24-27	0.6*	108.2	19.5	128.3	20/40/60
AN 28-29	11.8*	74.2	11.2*	97.1	20/40/60
AN 30-33		64.9	77.9	142.8	40/60
AN 34		60.5	70.0	130.4	100% Small
AN 3-6	3.7*	92.2	64.9	160.8	20/40/60
AN 36-38		80.4	78.1	158.6	40/60
AN 7-9	17.9*	57.7	19.9	95.5	20/40/60
AN 8	8.8*	97.7	12.2*	118.7	20/40/60
BS 1-3	19.3	88.6	40.4	148.3	20/65/65
BS 13-15	20.2	113.8	70.1	204.2	20/65/65
BS 16-17	10.9*	106.6	72.3	189.8	20/65/65
BS 18-19	25.2	86.8	33.4	145.3	20/65/65
BS 20-21	13.7*	96.4	51.8	161.9	20/65/65
BS 23	66.4	91.3		157.7	100% Small
BS 24	9.7*	114.4	19.2	143.3	20/65/65
BS 26		49.6	41.2	90.8	100% Small
BS 28	1.2*	81.6	61.7	144.5	20/65/65
BS 29-31	23.3	102.7	74.8	200.8	20/65/65, GWR
BS 32	8.4*	62.9	70.7	141.9	20/65/65
BS 32a	35.0	20.4		55.4	20/65
BS 33		10.6*	63.1	73.6	65/65
BS 37		86.3	49.9	136.3	100% Small
BS 4-6	27.2	114.3	48.3	189.8	20/65/65

UWR Name	Shallow Ret'n (ha)	Moderate Ret'n (ha)	Deep Ret'n (ha)	Total Ret'n (ha)	Comments & % retention
BS 7-25	5.7*	97.2	97.6	200.5	20/65/65
BS 8-9	28.7	58.3		86.9	20/65
BS 9-11	5.6*	141.4	2.6*	149.6	20/65/65
CH 14-16	6.1*	118.0	21.9	146.0	20/65/65
CH 18-19		110.0	84.4	194.4	65/65
CH 2-6	0.3*	105.2	83.7	189.2	20/65/65
CH 7		146.4	53.9	200.3	65/65
CH 9-11		137.7	75.6	213.3	65/65
CL 13		25.3	57.0	82.3	100% Small
CL 1-3		164.3	100.1	264.4	65/65
CL 28-31		55.4	94.3	149.7	65/65
CL 41-43		0.9*	70.3	71.2	some ret'n in Park
CL 4-6		119.0	120.6	239.6	65/65
CL 7-8		115.0	73.2	188.1	65/65
CQ 1-3		63.4	65.7	129.1	65/65
CQ 18-26		162.7	123.1	285.8	65/65
CQ 27-29		109.8	70.6	180.4	65/65
CQ 30	1.0*	41.1	12.2*	54.2	20/65/65
CQ 31	2.4	50.8	25.7	78.9	100% Small/LTOH
CQ 33-36	4.9*	102.8	66.8	174.5	20/65/65
CQ 37		9.8	54.1	63.9	100% Small/LTOH
CQ 38-39	6.8*	131.7	67.8	206.4	20/65/65
CQ 40-44	16.4*	182.3	87.8	286.5	20/65/65
CQ 4-16		102.9	83.6	186.5	65/65
CQ 46	13.5*	145.0	26.8	185.3	20/65/65
EH 21	7.1*	107.8	28.3	143.1	20/65/65
EH 2-5		74.8	53.0	127.8	65/65
EH 26		123.2	117.2	240.4	65/65
EH 32		24.0	51.2	75.2	65/65
EH 7	5.3*	76.9	82.2	164.4	20/65/65
HT 6	3.2*	78.6	11.7*	93.6	20/65/65
MA 11-16		25.1	179.2	204.2	40/60
MA 18-46			72.7	72.7	60
MA 19-28		17.3*	41.3	58.6	40/60
MA 5-7			118.8	118.8	100% LTOH
MA 7-11		0.5	271.8	272.3	100% LTOH
MH 12	0.2*	86.5	14.4*	101.1	Some Ret'n in Park
MH 13-14	0.5*	188.7	102.7	291.8	20/65/65
MH 15-16		83.1	84.2	167.3	65/65
MH 17-NA 33	4.7*	194.1	110.9	309.7	20/65/65
MH 24		51.4	91.0	142.4	65/65
NA 11-16	2.7*	135.2	104.7	242.6	20/40/60
NA 1-6	10.7*	82.4	15.0*	108.1	20/40/60

TYPO CORRECTIONS: For CL 7-8, as per below:

Moderate Ret'n = 108.9 ha Deep Ret'n = 67.2 ha Total Ret'n = 176.1 ha
(February 22, 2012)

UWR Name	Shallow Ret'n (ha)	Moderate Ret'n (ha)	Deep Ret'n (ha)	Total Ret'n (ha)	Comments & % retention
NA 17-19	4.7*	122.0	110.3	237.0	20/40/60
NA 22		31.6	31.5	63.1	100% Small
NA 25-26		53.6	43.4	96.9	100% Small
NA 30-32	2.8*	111.2	86.4	200.4	20/40/60
NA 34-36	25.6	59.4	10.2*	95.2	20/40/60
NA 8-9	23.4	50.8	38.2	112.4	100% Small
PI 2-6	47.9	48.6		96.5	20/65
PI 9	2.5	56.1	1.1	59.7	100% Small
SH 10-13		55.7	84.2	139.9	65/65
SH 1-3	0.0	124.9	83.2	208.1	65/65
SH 15-17		133.5	78.2	211.7	65/65
SH 18-26		157.9	101.7	259.6	65/65
SH 20-22		95.9	109.5	205.4	65/65
SH 23-24		75.1	128.9	204.0	65/65
SH 4-5	2.2*	134.4	70.4	207.0	20/65/65
SP 1	5.7*	60.3	17.9*	83.9	20/65/65
SP 14-15		39.8	60.4	100.2	65/65
SP 19-20		110.4	87.7	198.1	65/65
SP 21-26	12.2*	153.2	57.1	222.5	20/65/65
SP 22	44.3	58.9		103.1	100% Small
SP 4-6	12.9*	79.2	40.0	132.1	20/65/65
ST 2	0.0	51.0	3.1*	54.1	Some Ret'n in Park
TR 4	11.5	92.1	4.1	107.7	100% Small
YA 1	27.3	113.3	11.3*	152.0	20/65/65
YA 10-13	10.4*	94.8	89.8	195.1	20/65/65
YA 11-12		117.9	104.9	222.8	65/65
YA 16-24	0.4*	44.1	61.1	105.7	20/65/65
YA 18-25	25.6	144.2	100.2	270.0	20/65/65
YA 26-27	3.5*	105.6	55.6	164.7	20/65/65
YA 29	51.7	22.3		74.0	100% Small
YA 3-AN 15	8.8*	139.6	0.6*	149.0	20/65/65
YA 31	19.3	54.5		73.8	20/65
YA 34	69.2	35.2		104.4	100% small
YA 40-48	0.1*	129.2	32.1	161.4	20/65/65
YA 44	0.2*	135.7	33.2	169.1	20/65/65
YA 4-7	21.1	161.2	30.9	213.1	20/65/65
YA 51-53	26.8	171.1	31.9	229.9	20/65/65
YA 8-9	17.6*	121.2	74.0	212.8	20/65/65
Grand Total	1012.9	10053.4	6639.8	17706	

Note: small errors in addition are due to rounding.

* represents the snow zones where small retention amounts should be combined with patches in adjacent snow zones as specified in general wildlife measure 1 (c), 2 (c) & 4 (f) (g). Achieving this will help to ensure that retention patches are effective and function as winter range. Note: winter ranges where retention is 100% are not highlighted.