

Memorandum

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

IN REPLY REFER TO:

4700
(NV-033)

To : District Manager, Winnemucca
FROM : District Manager, Carson City
SUBJECT : Wild Horse and Burro Habitat Suitability Index

Date: SEP 28 1987

File
4700

The Carson City District is planning to incorporate the testing of the Habit Suitability Index into the next Herd Management Area Plan prepared in the District to be completed FY 88.

At the completion of the Habitat Suitability testing copies will be submitted to the Winnemucca District Office.

James W. Elliott

cc: NV-931.3

TReuwsaat:mmw
1150M 9/25/87

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ROUTING AND TRANSMITTAL SLIP

TO			ACTION	ROOM NO.
CODE	NAME	ORGANIZATION		
	Milt Free	N50	8	

Indicate Action by Number

- | | |
|----------------------------|--------------------------------|
| 1. Necessary action | 6. Note and surname |
| 2. Approval | 7. Note and return |
| 3. Signature | 8. Your information |
| 4. Prepare reply | 9. See me |
| 5. Your comment and return | 10. |

From <i>Bruce Portwood</i>	Date <i>9/24/87</i>	Room No.
Office <i>Elko D.O.</i>		Phone

Remarks

Copies of data sent to Winnemucca D.O. on Habitat Suitability. Happened to have water inventory on computer for this herd area.

Bruce P.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
HERD AREA HABITAT
SUITABILITY RATING
WORKSHEET

EXAMINER Portwood & Curtis
DATE (YYMMDD) 8/7/09
BLM ADMIN UNIT (SI/DI/RA/PU) NV10104810/
HERD AREA NAME Little Humboldt
HERD AREA NO. 102

FOOD SI:
COVER SI:
WATER SI:
SPACE SI:

HERD AREA HSR
(Equal to Lowest SI
for Life Requisites)

ECO SITE NUMBER	PLANT COMMUNITY OR ECOLOGICAL SITE NAME	FOOD					COVER		WATER
		1 ACRES	2 BASE VALUE	3 OPTIMUM AC. (Col 1 x Col 2)	4 STATUS/COND. VALUE	5 ADJUSTED AC. (Col 3 x Col 4)	6 COVER VALUE	7 COVER ADJ. AC. (Col 1 x Col 6)	
25-2	Aspen Thicket ^{16"}	67	.3	20.1	.50	10.05	.4	26.8	Water Base Value (SIV ₃)
25-3	Grassy Slope ^{8-14"}	100	.7	70.0	.50	35.00	.2	20.0	Flow Modifier (SIV ₄)
25-4	Grassy Slope ^{16"}	114	1.0	114.0	.25	28.50	.4	45.6	(Taken from Form NV 4700-7)
25-4	" " " " ^{16"}	5545	1.0	5545.0	.50	2772.50	.4	2218.0	
25-9	South Slope ^{12-14"}	1266	1.0	1266.0	.25	316.50	.2	253.2	Seasonal Availability (SIV ₅)
25-9	" " " " ^{12-14"}	808	1.0	808.0	.50	404.00	.2	161.6	(Taken From Form NV 4700-7)
25-10	Step North Slope ^{10-12"}	915	1.0	915.0	.50	457.50	.2	183.0	
25-12	Grassy Slope ^{10-12"}	2795	1.0	2795.0	.50	1397.50	.2	559.0	WATER SI: <input type="text"/>
25-12	Grassy Slope ^{10-12"}	2964	1.0	2964.0	.75	2223.00	.2	592.8	(SIV ₃ -SIV ₄ -SIV ₅)
25-14	Grassy ^{10-12"}	4623	1.0	4623.0	.25	1155.75	.8	3698.4	
25-14	" " " " ^{10-12"}	701	1.0	701.0	.50	350.50	.8	560.8	
25-14	" " " " ^{10-12"}	3816	1.0	3816.0	.75	2862.00	.8	3052.8	SPACE
25-15	South Slope ^{8-12"}	42	1.0	42.0	.75	31.50	.8	33.6	
25-17	Clay Pan ^{12-14"}	3134	.8	2507.2	.50	1253.6	.6	1880.4	
25-17	" " " " ^{12-14"}	4119	.8	3295.2	.75	2471.4	.6	2471.4	Man-made or Natural Barrier Value (SIV ₇)
25-18	Clay Pan ^{10-12"}	1091	.8	872.8	.25	218.2	.8	872.8	
25-18	Clay Pan ^{10-12"}	918	.8	734.4	.50	367.2	.8	734.4	
25-19	Grassy ^{8-10"}	7670	1.0	7670.0	.25	1917.50	.8	6136.0	Disturbance Value (SIV ₈)
25-19	" " " " ^{8-10"}	1745	1.0	1745.0	.50	872.50	.8	1396.0	
25-19	" " " " ^{8-10"}	3047	1.0	3047.0	.75	2285.25	.8	2437.6	SPACE SI: <input type="text"/>
25-20	Calcareous Mat ^{10"}	1938	.9	1744.2	.25	436.05	1.0	1938.0	(SIV ₇ +SIV ₈)/2
25-22	Grassy Slope ^{8-12"}	896	.9	806.4	.25	201.60	.6	537.6	
25-22	" " " " ^{8-12"}	1023	.9	923.4	.50	461.70	.6	615.6	
25-24	" " " " ^{16"}	193	.8	154.4	.25	38.60	.2	38.6	
25-24	" " " " ^{16"}	8007	.8	6405.6	.50	3202.80	.2	1601.4	
25-24	" " " " ^{16"}	309	.8	247.2	.75	185.40	.2	61.8	
25-25	Grassy Slope ^{8-10"}	91	1.0	91.0	.75	68.25	.8	72.8	
TOTAL					TOTAL		TOTAL		

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FOOD SI:
(Tot. Col 5/Tot. Col 1)

COVER SI:
(Tot. Col 7/Tot. Col 1)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HERD AREA HABITAT
SUITABILITY RATING
WORKSHEET

EXAMINER Portwood & Curtis
DATE (YYMMDD) 8/7/07/2/3
BLM ADMIN UNIT (ST/DI/RA/PU) ND/8/10/4/8/10/
HERD AREA NAME Little Humbird
HERD AREA NO. 102

FOOD SI: 0.44
COVER SI: 0.54
WATER SI: 1.00
SPACE SI: 0.77

HERD AREA HSR 0.44
(Equal to Lowest SI
for Life Requisites)

ECO SITE NUMBER	PLANT COMMUNITY OR ECOLOGICAL SITE NAME	FOOD					COVER		WATER
		1 ACRES	2 BASE VALUE	3 OPTIMUM AC. (Col 1 x Col 2)	4 STATUS/COND. VALUE	5 ADJUSTED AC. (Col 3 x Col 4)	6 COVER VALUE	7 COVER ADJ. AC. (Col 1 x Col 6)	
24-2	Parry 5-8"	1206	.8	964.8	.25	241.20	.2	241.2	Water Base Value (SIV ₃) <u>1.0</u> (% of Herd Area Serviced)
24-3	Radio. Clavine		.5	6.5	.25	15.37	0.0	0.0	Flow Modifier (SIV ₄) <u>0.0</u> (Taken from Form NV 4700-7)
24-5	Parry 2-10		1.0	157.0	.25	39.25	.8	125.6	
24-6	dry flat plain		.7	226.8	.25	56.70	.6	194.4	Seasonal Availability (SIV ₅) <u>0.0</u> (Taken From Form NV 4700-7)
24-22	Radio. Torrey		.5	55.0	.25	13.75	0.0	0.0	
TOTAL		59,860		55,388	TOTAL	26,390.62	TOTAL	32,761.2	WATER SI: <u>1.0</u> (SIV ₃ -SIV ₄ -SIV ₅)
								SPACE	
								Man-made or Natural Barrier Value (SIV ₇) <u>.75</u>	
								Disturbance Value (SIV ₈) <u>.80</u>	
								SPACE SI: <u>.77</u> (SIV ₇ +SIV ₈)/2	

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FOOD SI: 0.44
(Tot. Col 5/Tot. Col 1)

COVER SI: 0.54
(Tot. Col 7/Tot. Col 1)

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 WATER SOURCE AREA WATER
 SOURCE WORKSHEET

EXAMINER B. Portwood
 DATE (YYMMDD) 870923
 BLM ADMIN UNIT (ST/DI/RA/PU) NV0104801
 HERD AREA NAME Little Humboldt
 HERD AREA NO. 102

1	2	3	4	5	6
WATER SOURCE NAME/NUMBER	OWNERSHIP	FLOW (G/DAY)	WH&B NEED (G/DAY)	TOTAL NEED (G/DAY)	SEASONAL AVAILABILITY
Washed Spring N38E4402 AAD	BLM	7200			P
Washed Spring N38E4407 DRR	BLM	28800			P
Washed Spring N38E4411 ADA	BLM	7200			P
Washed Spring N38E4412 BAA	BLM	14400			P
Washed Spring N38E4412 BBD	BLM	28800			P
Washed Spring N38E4412 BDD	BLM	28800			I
Washed Spring N38E4504 DAB	BLM	28800			P
Washed Spring N38E4504 BBD	BLM	28800			I
Washed Spring N38E4505 CCB1	BLM	14400			P
Washed Spring N38E4505 CCB2	BLM	28800			P
Washed Spring N38E4506 DCA	BLM	7200			P
Washed Spring N38E4506 DCC	BLM	14400			P
Washed Spring N38E4506 DDB1	BLM	14400			P
Washed Spring N38E4506 DDB2	BLM	14400			P
Washed Spring N38E4507 ABA	BLM	21600			P
Washed Spring N38E4508 AAB	BLM	14400			P
Washed Spring N38E4508 CCB	BLM	21600			P
Washed Spring N38E4518 ACH	BLM	21600			P
Washed Spring N39E4411 DDD	BLM	28800			I
Washed Spring N39E4401 ABA	BLM	14400			P
Washed Spring N39E4404 DDA	BLM	28800			I
Washed Spring N39E4410 ABD	BLM	7200			P
Washed Spring N39E4410 ABD	BLM	28800			P
" " N39E4410 ACD	BLM	7200			P
" " N39E4411 BCD	BLM	7200			P
" " N39E4412 ADC	BLM	43200			P
" " N39E4412 CCD	BLM	28800			I
" " N39E4412 CDB	BLM	28800			P
" " N39E4412 DAA	BLM	28800			I
" " N39E4412 DAB	BLM	21600			P
" " N39E4412 DADD	BLM	14400			P
" " N39E4413 ADBA	BLM	7200			P
" " N39E4413 ADRD	BLM	7200			P
" " N39E4413 DABA	BLM	43200			P
" " N39E4413 DBB1	BLM	28800			I
" " N39E4413 DBB2	BLM	28800			P
" " N39E4414 BAD	BLM	7200			P
" " N39E4414 BCB	BLM	7200			P
TOTAL					

MODIFIERS (SIV₄)

SEASONAL AVAILABILITY (SIV₅)

st. Col. 3 is greater than Tot. Col. 5, V₄ = -0.0
 st. Col. 3 is equal to Tot. Col. 5, V₄ = -0.1
 st. Col. 3 is less than Tot. Col. 5, V₄ = -0.2

If SIV₅ does not cause the Tot. Col. 5 to be greater than Tot. Col. 3, V₅ = -0.0
 If SIV₅ does cause the Tot. Col. 5 to be greater than Tot. Col. 3, V₅ = -0.1

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 WATERSHED AREA WATER
 SOURCE WORKSHEET

EXAMINER B. Atwood
 DATE (YYMMDD) 870923
 BLM ADMIN UNIT (ST/DI/RA/PU) NV0104801
 HERD AREA NAME Little Humboldt
 HERD AREA NO. 102

1	2	3	4	5	6
WATER SOURCE NAME/NUMBER	OWNERSHIP	FLOW (G/DAY)	WH&B NEED (G/DAY)	TOTAL NEED (G/DAY)	SEASONAL AVAILABILITY
N39E4414BDH	BLM	7200			P
N39E4414CAR	BLM	2000			I
N39E4414CRDA	BLM	28860			P
N39E4414CRDB	BLM	43200			P
N39E4415DCDA	BLM	7200			P
N39E4415DCDI	BLM	14400			P
N39E4415DCDZ	BLM	21600			P
N39E4424ACC	BLM	7200			P
N39E4424CAD	BLM	21600			P
N39E4503ADC	BLM	720000			P
N39E4503CCB	BLM	7200			P
N39E4503DBA	BLM	720000			P
N39E4503DCR	BLM	2880			P
N39E4507CRA	BLM	288000			P
N39E4507CBD	BLM	14400			P
N39E4507DBB	BLM	7200			P
N39E4507DDA	BLM	7200			P
N39E4508BBC	BLM	2880			P
N39E4509CAC	BLM	14400			P
N39E4510HAD	BLM	2880			P
N39E4511BBC	BLM	7200			P
N39E4512BBD	BLM	7200			P
N39E4512CBD	BLM	28800			P
N39E4513BCB	BLM	7200			P
N39E4517CAC	BLM	7200			P
N39E4518CCD	BLM	14400			P
N39E4520DCB	BLM	28800			P
N39E4530DCD	BLM	14400			P
N39E4531ADD	BLM	21600			P
N39E4532CBB	BLM	14400			P
N39E4533ADB	BLM	14400			P
N39E4534CAC	BLM	14400			P
N39E4605BAB	BLM	7200			P
N39E4605CAC	BLM	17280			P
N39E4605CAD	BLM	14400			P
N39E4605CCA	BLM	14400			P
N39E4605DBA	BLM	14400			P
N39E4605DBB	BLM	14400			P
TOTAL					

MODIFIERS (SIV₄)

ot. Col. 3 is greater than Tot. Col. 5, V₄ = -0.0
 ot. Col 3 is equal to Tot. Col. 5, V₄ = -0.1
 ot. Col. 3 is less than Tot. Col. 5, V₄ = -0.2

SEASONAL AVAILABILITY (SIV₅)

If SIV₅ does not cause the Tot. Col. 5 to be greater than Tot. Col. 3, V₅ = -0.0
 If SIV₅ does cause the Tot. Col. 5 to be greater than Tot. Col. 3, V₅ = -0.1

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 HERD AREA WATER
 SOURCE WORKSHEET

EXAMINER E. Pastoral
 DATE (YYMMDD) 8/7/09 23
 BLM ADMIN UNIT (ST/DI/RA/PU) M10/1048/01
 HERD AREA NAME Little Humboldt
 HERD AREA NO. 102

1	2	3	4	5	6
WATER SOURCE NAME/NUMBER	OWNERSHIP	FLOW (G/DAY)	WH&B NEED (G/DAY)	TOTAL NEED (G/DAY)	SEASONAL AVAILABILITY
N39E4605 DBC	BLM	28800			P
N39E4605 DDC	BLM	7200			P
N39E4606 CAC	BLM	14400			P
N39E4606 DDD	BLM	7200			P
N39E4607 CBC	BLM	43200			P
N39E4607 CBD	BLM	36000			P
N39E4618 BDAI	BLM	2880			P
N39E4618 BDAZ	BLM	2880			P
N39E4618 BDD	BLM	2880			P
N40E4531 CCB	BLM	14400			P
N40E4617 CDC	BLM	28800			P
N40E4620 CAD	BLM	2880			P
N40E4620 DBR	BLM	28800			P
N40E4621 CAB	BLM	14400			P
N40E4628 BCA	BLM	7200			P
N40E4629 ABC	BLM	28800			P
N40E4629 BDD	BLM	28800			P
N40E4630 ABR	BLM	28800			P
N40E4630 DAA	BLM	21600			P
N40E4632 BCC	BLM	14400			P
N40E4632 CBB	BLM	2880			P
TOTAL		3,103,200	1284*	12732	

MODIFIERS (SIV₄)

- t. Col. 3 is greater than Tot. Col. 5, V₄ = -0.0
- t. Col. 3 is equal to Tot. Col. 5, V₄ = -0.1
- t. Col. 3 is less than Tot. Col. 5, V₄ = -0.2

SEASONAL AVAILABILITY (SIV₅)

- If SIV₅ does not cause the Tot. Col. 5 to be greater than Tot. Col. 3, V₅ = -0.0
- If SIV₅ does cause the Tot. Col. 5 to be greater than Tot. Col. 3, V₅ = -0.1