

# United States Department of the Interior

(BUREAU OF LAND MANAGEMENT)

ELY DISTRICT OFFICE

Star Route 5. Box 1 Elv. Nevada, 89301



IN REPLY REFER TO:

1784.3 (NV-046)

JUN 3 0 1988

Dear Participant:

We appreciate your interest in being involved in the consultation process and enclosed for your information and review is the Tippett Allotment Monitoring Evaluation. your opportunity again to provide allotment specific information and also to provide comments to the evaluation. We would appreciate receiving your information and/or comments by July 31, 1989, to allow adequate time to review all input and to adhere to our deadlines. All of the information received will be evaluated and considered in the final portion of the evaluation which is the selection of a management action.

We appreciate your participation and solicit your continued involvement in the consultation process.

Sincerely,

Acting Gerald M. Smith, Manager

Schell Resource Area

1 Enclosure

Tippett Evaluation (49 pp)

# I. Background Information

The Tippett Allotments nearest point is located 45 miles north from Ely and is entirely in White Pine County. There are 200,041 federal acres in the allotment, one fenced seeding, 5 unfenced chainings, and approximately one third of the allotment is dense P-J. The allotment reflects extremes in climate, geography, distribution of forage users, and topography. It contains three major mountain ranges and two major valleys. The allotment lies adjacent to the Goshute Indian Reservation, Humboldt Forest, Egan R.A., and the Utah Stateline, and is within the Antelope Horse Herd boundaries. Besides horses, significant populations of Mule deer, Antelope, and sage grouse also use the allotment.

The livestock preference is 13,615 AUMS (7,665 AUMS sheep, 5,950 cattle) and currently there are two authorized operators (John Phillips 2,865 sheep AUMS, and Hank Vogler 4,800 sheep AUMS, and 5,950 cattle AUMS). Since 1978 when the historic user (Henriod family) sold out there have been 10 different operators run livestock in the allotment. This constant turnover created a relatively unstable situation and several of these operators had little regard for the resource values. Unauthorized use was probably quite significant during the 1981-85 period and although several trespass actions resulted in settlements, they appear to have fallen considerably short of reflecting the true picture. However, during the past year the two new permittees have exemplified a spirit of cooperation and positive concern for the allotment resource. The season of use is currently yearlong.

Utilization data has been spotty in the allotment over the years. Severe use has been documented several times at numerous locations and distribution is known to be a significant problem in the allotment. There are 17 Key Areas established in the allotment according to the Nevada Rangelands Task Force minimums, and the 3C's were used in all. There is no completed soil survey inventory, thus, no ecological status completed in the allotment. The allotment is in the "I" category and has an AMP proposed for it. Most of the Key Areas had utilization data collected and the entire allotment was use mapped in 1985. Second year trend data was also collected at most of the Key Areas in 1986.

### Wildlife LUP Decisions Relative to Tippett Management Objectives

# General Management Objectives

Manage for the most appropriate seral stages to provide desired quantity, quality, variety and density of forage in order to meet the requirements of the key foraging animals. The priority of uses will be established by the consensus of the livestock operators, horse and wildlife interest groups, and BLM personnel. Ecological condition trends toward or away from desired seral stages will be measured on the management areas.

EIS - #1 HMP - #1 MFP - 3 - #WL - 1.8, 2.1, 2.11 6.13, 6.14, 2.5 ROD - #6

2. Provide sufficient forage and water resources to sustain preference levels of livestock, reasonable numbers of wildlife, and the management level of horses as determined in the Antelope HMAP, or provide for a sustainable level of use as close to these levels as possible.

EIS - #2 HMP - #2 MFP - 3 - #WL - 2.1, 1.7, 1.8 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 8.2 ROD - #1, 3, 5, 6

- 3. Reduce livestock losses to posionous plants.
- 4. Provide yearlong habitat and forage for reasonable numbers of mule deer. Minimize the impact of livestock grazing on mule deer use areas. (See Antelope HMP for mule deer numbers.)

EIS - #2 HMP - #4 MFP - 3 - 1.8, 6.1 6.10, 6.13, 7.1, 7.2, 9.1 ROD - #6

5. Provide yearlong habitat and forage for reasonable numbers of antelope. Minimize the impacts of livestock grazing on documented key antelope use areas. (See Antelope HMP for antelope numbers.)

EIS - #2 HMP - #5 MFP - 3 - 1.8, 2.11 6.2, 6.11, 7.3, 7.4, ROD - #6

 Protect raptor nesting habitat and provide and protect habitat for raptor prey species.

EIS - #2 HMP - #6 MFP - 3 - 6.5, 6.6 8.2 ROD - #2,8 7. Provide nesting, brooding and wintering habitat for upland game species (sage grouse, blue grouse, chukar partridge and Hungarian partridge). Minimize the impacts of livestock grazing on sage grouse strutting/nesting grounds.

8. Manage riparian areas for late seral stage or appropriate stage for a specific use.

- 9. Maintain the wild free-roaming characteristics of the horses in the area.
- 10. If additional forage is available after livestock numbers reach preference levels, and reasonable wildlife numbers have been reached, all available forage will be divided proportionately among all foraging animals based on animal numbers and forage preference.

If, after all plans are fully implemented and monitoring data shows reductions of animal numbers are necessary, reductions will be made in the following manner:

- a. Where a foraging animal can be identified as the primary agent causing forage resource damage in a specific area, reductions will be made from the numbers of this particular foraging animal. This foraging animal will be determined from monitoring studies, utilization, actual use, sightings, counts, etc.
- b. Where a single offending foraging animal cannot be determined in a problem area, reductions will be made proportionately according to forage preference. Whether this action will be a specific number in a specific area or an overall reduction in numbers will be determined by the circumstance involved.

EIS 
$$- #2$$
 HMP  $- #11$  MFP  $- 3 - 1.8, 2.1$ 

#### Tippett Allotment OBJECTIVES

#### LUP - EIS

- 1) Manage the vegetation resource and its uses to attain utilization rates not to exceed those recommended by the Nevada Rangeland Monitoring Task Force for sustained yield (45% for shrubs, 55% for grasses and forbs).
- 2) Attain and maintain habitat for reasonable numbers of wildlife, reestablish bighorn, proghorn antelope, and elk on historic ranges, and protect crucial wildlife habitat.
- 3) Upgrade and maintain all riparian and wetland areas in good or better condition.
- 4) Maximize livestock based on sustained yield of the forage resource.
- 5) Maximize wild horse numbers based on sustained yield of the forage resource.

#### LUP - MFP III

- 1) Increase for production and improve range condition by implementing AMP's where feasible, on the following allotment: ... Tippett....
- 2) Seedings are to be implemented within the general areas shown on MFP I overlays in the following priority:
  - In areas where competition exists among livestock, wildlife, and wild horses.
  - 2) In areas in poor condition w/downward trend.
  - 3) To maintain livestock, wildlife, and wild horses at existing levels.
  - 4) In areas with an SSF of 60 or greater.
  - 5) In areas where more forage is needed by wildlife to reach reasonable numbers.
  - 6) To the livestock and wild horses above existing levels.
- 3) Maintain existing seedings through land treatments in the Tippett Allotment.
- 4) Implement a monitoring program on all allotments to determine the true capacity. Establish an initial stocking rate for all large herbivores and base future adjustments of the initial levels on adequate monitoring data.

- a. For livestock obtain written agreements to establish the initial stocking the rate with a goal of active use being consistent with the three years average shown in the EIS (50% of active preference for Tippett).
- b. For wild horses it will be the numbers present in the Antelope Herd as determined by the 1983 inventory.
- c. For wildlife it will be the actual number of animals that could reasonably be expected to use the public lands in the Schell Resource Area.

# ROD (Proposed Action)

- 1. Same as MFP III 4.
- Manage habitat.
  - 3. Develop some or all of 4,000 acres of multiple use seedings in Tippett to increase available forage for livestock and big game. The additional AUMS would be divided into 70% for livestock and 30% for big game.

#### Short---Term

- 4. Develop some or all of 2 guzzlers in Tippett.
- 5. Develop some or all of 10 springs, 10 miles of pipeline, 2 miles of fence on Tippett to aid in distribution of livestock.
- 6) Develop 71.9 miles of fence in Tippett to improve distribution of livestock and, therefore, utilization of vegetation.

#### RPS

- 1) Livestock Improve 25,176 acres for cattle and 36,078 acres for sheep from fair to good; 119,291 acres for cattle and 19,417 acres for sheep from poor to fair; 14,450 acres for cattle and 14,450 acres for sheep from poor to good; and maintain all acres in good livestock forage condition.
- 2) Wildlife a) Manage rangeland habitat and forage condition to support reasonable numbers of wildlife demand as follows: deer 7,491 AUMS and antelope 310 AUMS, b) Improve and maintain habitat condition of meadows and riparian areas for proghorn antelope and mule deer, c) Mitigate-improve crucial winter and kidding (key) habitat area for pronghorn antelope. Improve conditions from poor/fair to good.
- 3) Wild horses Maintain wild horse numbers at the 1983 level (789 AUMS).

# Summary

All general and specific allotment objectives are consistent with the land use plan except for a potential problem with General Objective fll which states that any additional (forage will be divided proportionately. The objective f3 states that if the increase is on the multiple use seeding that it will be divided into 70% for livestock and 30% for big game.

# Summarized General Management Objectives

- 1. Manage for most appropriate seral stages.
- 2. Monitor ecological condition at each key management area.
- Reduce livestock losses to poisonous plants (Halogeton, Larkspur).
- 4. Minimize livestock impacts on key wildlife use areas.
- 5. Provide appropriate habitat for wildlife species.
- Manage riparian areas for late or appropriate seral stage for a specific use.
- 7. Maintain wild free roaming characteristics of horses.
- Divide forage increases/decreases proportionately among user groups (as per monitoring data).

S	ti	ud	i	es	Number
-	Sept.	dennie literatura			And the second name of the secon

Ecological Site

Location

TAR 1

Not Applicable

T. 23 N., R. 65 E., sec. 8, SW 4

(Calcutta Burn)

	Present Si	tuation	Management Objective			
Key Species	Density (Plants/ac.)	Production (Lbs./ac.)	Density	Production	AUL-%	
Crested Wheatgrass	24,000	196	Maintain	Maintain Above 150	55	
Native Grasses	71,000	176	Maintain	Maintain	50	
Forbs	104,600	27	Maintain	Maintain	50	
			or Increase			
Snowberry	799	393	Maintain	Maintain Above 200	50	
Ecological Status (% of PNC**)	<u>-</u>	Not Applicabl	e -			
Relative Composition (all species)	Forbs	- 36% - 2% - 62%	35-45% 2-10% 50-65%			

<sup>\*\*</sup> PNC = The potential natural community of an ecological site is the assumed end point of natural succession for that site in the absence of disturbances and physical site deterioration.

Ecological Site

Location

TAR 2

D28B037N

T. 24 N., R. 65 E., sec. 27, SW<sup>1</sup><sub>4</sub> (Dolan Trap Spring)

	Present Si	The state of the s	Management	Objective	
	nsity ants/ac.)	Production (Lbs./ac.)	Density	Production	AUL-%
Bluebunch Wheatgrass Forbs	16,000 70,400	50 84	Maintain Maintain	60 Maintain Above 55	50 50
Low Sagebrush	71,000	331	Maintain	Maintain Above 150	50
Ecological Status (% of PNC)	Late Seral Stage (57% of PNC)			Seral Stage 75% of PNC)	
Relative Composition (all species)	Grasses Forbs Shrubs		20-35% 10-20% 50-65%		

Studies Number	Ecological Site		Location		
TAR 3	D28B071N		, R. 68 E., s Sellas Well N		
	Present Sit		Management	t Objective	
Key Species	Density (Plants/ac.)	Production (Lbs./ac.)	Density	Production	AUL-%
Western Wheatgras	130,000	134	Maintain	Maintain Above 100	60
Forbs	5,000	21	Increase	25	60
Winterfat	_	_	Increase	10	60
Shadscale	(	(Trace)	Increase	10	60
Ecological Status (% of PNC)	Early Late Seral (53% of PNC)			Seral Stage 70% of PNC)	
Relative Composit (all species)		. 25%	55-65% 15-20%		

15-30%

Forbs - 25% Shrubs - 10%

Ecological Site

Location

TAR 4

D28B109N

T. 23 N., R. 68 E., sec. 1, NW4 (East Sellas Well No. Pasture)

	Present Situation		Management Objective			
Key Species	Density (Plants/ac.)	Production* (Lbs./ac.)	Density	Production	AUL-%	
Indian Ricegrass Winterfat	7,000 12,000	23 255	Increase Maintain	50 Maintain Above 245	60 60	
Ecological Status		ly Climax } of PNC)		Climax 100% of PNC)		
Relative Compositi (all species)	on Grasses Forbs Shrubs	- 8%  - 92%	5-15% 0-5% 80-90%			

<sup>\*</sup> Increase total production from 250 lbs/ac to 350 lbs/ac.

Ecological Site

Location

TAR 5

D28A012N

T. 24 N., R. 68 E., sec. 30 (Tunnel Canyon road No Pasture)

	Present Situation		Managemen		
Key Species	Density (Plants/ac.)	Production (Lbs./ac.)	Density	Production	AUL−%
Indian Ricegrass	11,000	178	Maintain	Maintain Above 125	60
Shadscale	400	1	Increase	10	60
Ecological Status (% of PNC)	Early Seral Stage (21% of PNC)			Seral Stage 50% of PNC)	
Relative Composition (all species)	n Grasses Forbs Shrubs	- 74%  - 26%	50-65% 0-5% 30-45%		

TAR 6	D28A012N	T. 22 N., R. 67 E., sec. 11, $SE_4^{\frac{1}{4}}$ (S.W. Antelope Valley So. Pasture)				
	Present Si Density	CONTRACTOR OF THE PARTY OF THE	Managemen	t Objective		
Key Species	(Plants/ac.)	(Lbs./ac.)	Density	Production	AUL-%	
Indian Ricegrass Shadscale	10,000	47 4	Increase Increase	60 50	60 60	
Ecological Status (% of PNC)		Seral Stage s of PNC)		Seral Stage 50% of PNC)		
Relative Compositi	ion Grasses Forbs Shrubs	- 33%  - 67%	25-35% 0-5% 60-70%			

\* Increase total production from 150 lbs/ac to 250 lbs/ac.

Location

Studies Number

Ecological Site

TAR 7 D28B109N T. 22 N., R. 68 E., sec. 21, SW4 (S.E. Antelope Valley So. Pasture) Present Situation Management Objective Density Production (Plants/ac.) (Lbs./ac.) Density Key Species Production AUL-% 60 Winterfat 300,000 415 Maintain Maintain or Decrease Above 245 Ecological Status Late Seral Late Seral to Climax (% of PNC) (70% of PNC) (70-100% of PNC) Relative Composition Grasses -0-10% Forbs - -(all species) 0-5% Shrubs - 100% 85-100%

Location

Ecological Site

Studies Number

TAR 8	D28A021N	sec. 34 . Pasture)			
	Present S		Management	t Objective	
Key Species	Density (Plants/ac.)		Density	Production	AUL-
Indian Ricegrass Winterfat	42,000 89,000	123 323	Maintain Maintain		60 60
Bud Sagebrush	1,600	23	Increase	30	60
Ecological Status (% of PNC)		Late Seral (61% of PNC)		Seral & of PNC)	
Relative Composit (all species)	ion Grasses Forbs Shrubs	-	25-30% 0-5% 70-75%		

Location

Ecological Site

Studies Number

Location Ecological Site Studies Number T. 22 N., R. 68 E., sec. 25,  $NE_4^1$ Not Applicable TAR 9 (Moffat Chaining) Management Objective Present Situation Production Density Production AUL-8 Density (Lbs./ac.) (Plants/ac.) Key Species 60 Maintain 23,000 194 Maintain Crested Wheatgrass 60 60 47 Increase Native Grasses 5,000 10 60 Increase (Trace) Forbs Maintain below 60 166 Trees (P/J) 200 (6 feet or taller) - Not Applicable -Ecological Status (% of PNC)

Grasses - 65%

Forbs - -

Shrubs - 35%

Relative Composition

(all species)

60-70%

30-40%

0-5%

Ecological Site

Location

TAR 10

Not Applicable

T. 22 N., R. 69 E., sec. 27, SE<sup>1</sup><sub>4</sub> (Blind Spring Chaining)

	Present Situation		Management		
Key Species	Density (Plants/ac.)	Production (Lbs./ac.)	Density	Production	AUL-%
Crested Wheatgrass	110,000	368	Maintain or	Maintain	60
			Decrease	Above 250	
Native Grasses	128,000	25	Maintain or	40	60
			Decrease		
Forbs		(Trace)	Increase	10	60
Antelope Bitterbrus	sh 167		Increase	25	60
Trees (P/J)	223	-	Maintain Un	der -	60
			200 (6 feet	or taller)	

Ecological Status (% of PNC)

- Not Applicable -

Relative Composition Grasses - 98% (all species)

80-90%

Forbs - -Shrubs - 2%

0-5% 5-15%

Ecological Site

Location

TAR 11

Not Applicable

T. 21 N., R. 69 E., sec. 15 (Rock Spring Chaining)

	Present S	Situation	Management	Objective	
Key Species	Density (Plants/ac.)	Production (Lbs./ac.)	Density	Production	AUL-%
Crested Wheatgrass	66,000	227	Maintain	Maintain Above 175	60
Native Grasses Forbs Wyoming Big Sagebru	66,000 - sh 1,598	64 27 150	Maintain Maintain Maintain	80 30 Maintain	60 60 60
Ecological Status (% of PNC)		- Not Applicable	9 -		

Relative Composition (all species)

Grasses - 60% Forbs - 5%

55-65% 5-10%

Shrubs - 35%

30-40%

Ecological Site

Location

TAR 12

Not Applicable

T. 23 N., R. 66 E., sec. 6 (Henriod Seeding)

	Present Situation		Management Objective		
	ensity Plants/ac.)	Production (Lbs./ac.)	Density	Production	AUL-%
Crested Wheatgrass Wyoming Big Sagebrush	76,000 3,000	179 110	Increase Maintain	200 110	60 60
Relative Composition (all species)	Grasses Forbs	- 59% 	50-75%		
	Shrubs	- 41%	25-50%		

Ecological Site

Location

**TAR 13** 

Not Applicable

T. 20 N., R. 69 E., sec. 33 (Tungstonia chaining)

	Present S:	ituation	Managemen		
Key Species	Density (Plants/ac.)	Production (Lbs./ac.)	Density	Production	AUL-%
Crested Wheatgrass Native Grasses	22,000	140 114	Maintain Maintain Increase	Maintain or 140	60 60
Forbs Antelope Bitterbrus	- sh -	12 14	Increase Maintain	or 15 40	60 60
Trees (P/J)	267	- (	Increase Maintain 400	below -	60

Ecological Status (% of PNC)

- Not Applicable -

 Relative Composition
 Grasses - 82%
 75-85%

 (all species)
 Forbs - 5%
 5-10%

 Shrubs - 13%
 10-20%

Ecological Site

Location

TAR 14

D28B022N

T. 23 N., R. 67 E., sec. 17 (Sand Spring Antelope)

	Present Si		Management	Objective	
Key Species	Density (Plants/ac.)	Production (Lbs./ac.)	Density	Production	AUL-%
Western Wheatgrass Forbs	23,000 176,000	38 70	Increase Maintain or Increase	100 150	50 50
Mountain Big Sageb	rush 16,000	57	Maintain	Maintain	50
Ecological Status (% of PNC)	Mid Se (42%	eral Stage of PNC)		Seral Stage 55% of PNC)	
Relative Compositi (all species)	on Grasses Forbs Shrubs	- 45% - 31% - 24%	45-50% 15-25% 20-30%		

Ecological Site

Location

**TAR 15** 

D28B030N

T. 24 N., R. 67 E., sec. 33 (E. Central Antelope)

	Present Si		Management	Objective	
Key Species	Density (Plants/ac.)	Production (Lbs./ac.)	Density	Production	AUL
Western Wheatgrass	204,000	145	Maintain	Maintain Over 100	55
Forbs	12,000	37	Increase	75	55
Mountain Big Sagebr		698	Maintain	Maintain Above 500	50
Ecological Status (% of PNC)		eral Stage of PNC)		Seral Stage 50% of PNC)	
Relative Composition (all species)	on Grasses Forbs Shrubs	- 17% - 6% - 77%	20-50% 5-10% 45-70%		

Studies Number	Ecological Site		Location	
TAW 1	D28A013N	T. 22 N.,	R. 69 E., sec. 13, NWNE	
	Present Sit	Production	Management Objective Density Production	AUL-%
Key Species	(Plants/ac.)	(Lbs./ac.)		
Indian Ricegrass Forbs Black Sagebrush Winterfat	581 2,300 2,000 3,400	5 (Trace) 138 1	Increase 15 Increase 5 Maintain 160 Maintain or 10 Increase	60 60 60 60
Ecological Status (% of PNC)	Mid Se (46% of		Mid to Late Seral (45-75% of PNC)	
Relative Composit	Forbs -	- 48  - 968	5-10% 0-5% 85-95%	

Ecological Site		Location		
D28A012N	T. 22 N.,	R. 67 E. se	ec. 3	
		Management	Objective	
(Plants/ac.)	(Lbs./ac.)	Density	Production	AUL-%
6,000	14	Increase	50	60
_	_	Increase	5	60
1,000	29	Increase	60	60
Early Se	ral Stage	Mid S	Seral Stage	
		(26-50% of PNC)		
Forbs -	_	20-30% 0-5% 65-80%		
	Present Sity (Plants/ac.)  6,000  1,000  Early Se (24%  ion Grasses - Forbs	Present Situation Density Production (Plants/ac.) (Lbs./ac.)  6,000 14  1,000 29  Early Seral Stage (24% of PNC)  ion Grasses - 18% Forbs	Present Situation	D28A012N

# Tippett Allotment Vegetative Type Acres

Type	Acres
ARARA PREKN	38,895
ARAR	2,861
ARTRW	8 876
ARVA2	9,517
AGSP	8,325
AGCR	5,918
EULA	16,333
AGSM	7,011
P-J	69,898
MTN. MAHOGANY	6,586
ATCO	22,759
SAVE	3,062 200,041 (Total Fed. Acres)

1985 Acres by Use Zone Within Vegetative Stratum

						Acres by 1	Use Zone			
Pasture#/	% of	General	Key					1	T	T
Vegetative	Allotment	Location	Sp.	Zero	Slight	Light	Moderate	Heavy	Severe	Total Acre
Stratum			AUF	0	1-20	21-40	41-60	61-80	81-100	by Stratum
1/Salt Desert	13	Antelope	ORHY	-	1,178	1,854	12,676	4,635	5,478	25,821
Shrub (Save,		Valley	55%		!					
ATCO, EULA,										
mixture)			1							
2/EULA	8	Antelope	EULA	88	1,000	1,849	3,463	8,349	1,584	16,333
		& Spring	45%		1			1		
		Valleys								
3/AGSM	4	Dune	AGSM	_ :	1 177	244	5,256	1,212	1 122	7,011
		Areas	55%							<b>i</b> '
4/AGCR	3	Seedings	AGCR	_	1,973	297	1,994	679	976	5,919
		Chaining	65%		1,575		1,774			3,515
5/AGSP	4	Mountain	AGSP	_	1,866	-	6,459	-	-	8,325
		Drainages	55%							
6/ARARN	18	MTN	ARARN	339	22,799	3,671	7,628	1,140	339	35,916
ARAR & ARNO		FAN	45%							
7/SHRUBS	6	MTN	  SHRUBS	_	2,483	1,079	5,235	1,154	1,464	11,415
SYOR		Areas	45%							
8/MIXED TYPE	22	MTN	AGSP	2,889	20,203	1 12,785	1,929	3,980	2,232	44,018
(Sagebrsh, P/J		Upland	55%	,	1	1 1				1 7 7
with grass)		Areas				!!!				
9/NO FORAGE	22	Closed	-	_	_	_		-	l _	45,283
		Canopy P/J	i i			i i		i		13,203
		sagebrush	İ			1 1			i	i la
		benches and	1 . 1					1		
		Rock Out-	-						*	
		crop								
Total				3,316	51,679	21,779	44,640	21,149	12,195	200,041

<sup>\*</sup> No forage total includes acres of black sagebrush, big sagebrush, Mt. Mahogany and P/J where forage is unavailable.

# Tippett Allotment AUMS Used in the 1985 Grazing Year by User Class and Vegetation Zone

AUMS	Actual Use Location	AUMS/by Veg. Zone #
405	S Schollhourne Pass Bench (sp. valley)	495 1
		50 2
373	E. Spring variey	300 6
		43 8
650	W Caring Valley	427 6
0.00	w. Spring variey	231 8
0/0	Caball Casal Banca	200 5
243	Schell Greek Kange	43 7
318	Antelope Range	168 6
		150 7
360	W. Antelope Valley Bench	160 1
		200 6
236	E. Antelope Valley Bench	50 4
2,703		2,703
AUMS	Actual Use Location	AUMS/by Veg. Zone #
4,526	Antelope Valley	1,358 1
		2,263 2
		2,263 2 905 3
1 175	Kerns	646 4
1,175	100 1 110	329 5
		329 5 200 8
4.7	Coming Valley	17 2
47	Spring valley	17 2 20 5
		10 6
75	Schell Creek Range	65 5
		10 6
5,823		5,823
AUMS	Actual Use Location	AUMS/by Veg. Zone #
852	Antalone Range	276 6
0.72	virerohe vande	444 7
		132 8
	495 393 658 243 318 360 236 2,703 AUMS 4,526 1,175 47 75 5,823 ock Preferen	S. Schellbourne Pass Bench (sp. valley) B. Spring Valley  658 W. Spring Valley  243 Schell Creek Range  318 Antelope Range  360 W. Antelope Valley Bench  236 E. Antelope Valley Bench  2,703  AUMS Actual Use Location  4,526 Antelope Valley  1,175 Kerns  47 Spring Valley  75 Schell Creek Range  5,823  ock Preference = 13,615 AUMS) and 5,950 AUMS cattle)  AUMS Actual Use Location

Total AUMS Used  $\overline{1,260}$ 

1,260

DEER:	AUMS	Actual Use Location	AUMS/by	Veg.	Zone #
	351	Kern Mtns.	300	7	
			51 300	8	
	351	Antelope Range	51	7 8	
	362	Schell Creek Range	300	7	
			62	8	
Total AUMS Used	1,064		1,064		
ANTELOPE:	AUMS	Actual Use Location	AUMS/by	Veg.	Zone #
	100	Antelope Valley	40	6	
			60	1	
	21	Spring Valley	21	6	
Total AUMS Used	121		121		

Total AUMS Used in 1985 by all users: 10,972

Tippett Allotment Total AUMS by CLASS BY YEAR

Year	Sheep	of Total Pref.	Cattle	% of Total Pref.
1980	2,964	39%	1,073	18%
1981	7,108	93%	4,240	71%
1982	7,665	100%	4,904	82%
1983	295	1/2%	5,001	84%
1984	6,863	89%	5,975	100%+
1985	2,703	35%	5,823	98%
1986	2,741 (to date	) 36% (to date)	4,259	72% (to date)
	ed Annually by Ante ed Annually by Deer			

1,185 Total

AUMS Used 1985 by (105) wild horses = 1,260

Total livestock preference is 13,615 AUMS of which 7,665 AUMS are sheep and 5,950 AUMS are for cattle. Currently there are two permittees (Hank Vogler -5,950 C, 4,800 S, and John Phillips 2,865 S).

TIPPETT ALLOTMENT
AUMS USED BY ALL USERS BY VEGETATION ZONE HORSES

	1	1 2	1 2	1 4	1 5	1 6 1	7 1		
YEAR	Salt Desert Shrub	EULA	AGSM	AGCR (Seeding)	AGSP	ARNO	Mtn. Shrub (SYOR)	Mixed Shrub (P-J, ELCI)	Total
1985	2,073	2,330	905	696	614	1,638	1,537	1,178	10,971
1986					<u> </u>				-
1987					<u> </u>				
			<u> </u>		<u> </u>				
etc.			<u> </u>			+			
				1	<del>                                     </del>				
1995									1

# Precipitation by Growing Season

### Ibapah

Year	April	May	June	July	Aug.	Sept.	Total
1980	. 6	3.41	1.58	.58	. 43	1.06	7.66
1981	. 75	2.53	.06	.65	T	.53	4.52
1982	. 45	1.35	. 23	1.64	.78	5.85	10.30
1983	2.28	.91	2.18	. 25	4.09	1.13	10.84
					and before contained the second contract of t		
Ibapah Average							
(10 yr.)	. 75	1.24	1.09	.58	0.65	.51	4.82
Ely							
1984	.94	.35	.63	2.18	2.01	3.73	9.89
1985	.17	1.33	.43	.58	${f T}$	1.82	4.33
1986	1.32	.51	.02	.09	1.24	1.42	4.60
Ely Average							
(30 yr.)	.92	1.08	. 8	.65	.62	. 7	4.77

# % of Normal Index - Growing Season

1980 - 1.58 1981 - .94 1982 - 2.14 1983 - 2.25 1984 - 2.07 1985 - .81 1986 - .96

7 year average = 1.54

# Precipitation Data

The most representative weather station, at Ibapah was incomplete. It showed years 1980-1983 only. This data was used where it was available but in years 1984-1986 Ely weather station data was used.

Because Ibapah is in a summer precipitation area, it is representative of the nearly half of Tippett that is also under a summer precipitation influence. Therefore, the Ibapah growing season amounts should be slightly higher than Ely and this is what the data indicated.

Comparing the Ely and Ibapah stations for 1980-1983, it was found that the relative increases and declines every month for each station were consistent. Therefore, the Ibapah data seemed to be valid and was used.

It is felt that the Ely station data would be representative of the winter precipitation areas in Tippett or just slightly below.

When analyzing the data, one should consider that Ibapah is on for summer precipitation areas, over the expected average for the winter precipitation areas (not more than  $\frac{1}{2}$ " overall). The Ely data will be below the average for the summer precipitation areas (by  $\frac{3}{4}$ -1" overall) and will be slightly below the average for winter areas (by  $\frac{1}{2}$ " overall).

#### PPT Observations Summary

We had good PPT in the springs into early summers in 1981,82,83,84.

However, in 1985 we had a very dry spring and summer and the lack of production in forage plants was very obvious when compared to the previous four years. Then again this spring and early summer (1986), we had very dry conditions, although slightly better than in 1985. We had very high utilization recorded in 1985 and expect a similar finding for 1986. The situation is again the same or similar for numbers of livestock and wildlife, more horses, and less available forage, thus more use on all plants. The severe spring summer drought of 1985 was the worst in decades according to John James, Nevada State Climatologists. On July of 1985, recorded temperatures averaging above normal and set an all time of 100°F for Ely.

Tippett Allotment Utilization - Actual Use

Year	Livestock (% Preferen	AUMS Used nce (13,615))	Range of Utilization by Key Areas and Average
1980	4,037	(30%)	% Avg. %
1981	11,348	(83%)	12-30 21 (2 key areas)
1982	12,569	(92%)	28-52 47 (6 key areas)
1983	5,296	(39%)	11-56 35 (10 key areas)
1984	12,838	(94%)	29-56 41 (9 key areas)
1985	8,526	(63%)	11-90 43 (17 key areas)
To date	7,000	(51%)	75 (1 key area)

Кеу А			1981	1982	1983	1984	1985	1986
1	KG		AGSP 13%	AGCR 38%			AGSP 50%	*AGSP 903
	KS	1	ARAR 10%	SYCR 12%			SYOR 50%	SYOR 609
	OV	1	12%	28%			50%	759
2	KG	- 1	AGCR/AGSP 41%				AGSP 20%	AG
	KS	1	17%		1		APAR 1%	
	OV	i	30%				11%	1
3	KG	j		İ	AGSM 38%	AGSM 30%	AGSM 16%	İ
	KS	i		İ	CHVI 9%	CHVI 19%	CHVI 10%	i
	OV	i		İ	25%	37%	21%	i
4	KG	i		İ	EULA 51%	EULA 52%	ORHY 65%	i
	110	i		i	ORHY 78% 63			i
	KS	i			CHVI 40%	CHVI 14%	CHVI 23%	i
	OV	i		i	56%	38%	48%	i
5	KG	i			ORHY 42%	ORHY 76%	ORHY 56%	i
6	KS	i		i	CHVI 10%	CHVI 17%	CHVI 26%	i
	OV	i		I I	38%	46%	41%	1
	KG	i		1	ORHY 42%	ORHY 68%	ORHY 60%	
	KS	- 1			EPNE 30%	CHVI 9%	CHVI 22%	
	OΛ	1			21%	37%	41%	
7	KG	i		1	EULA 60%	EULA 54%	EULA 56%	
8	KS	1		1	CHVI 10%	CHVI 10%	LOLA JO	
	OV				47%	41%	53%	
		.		1	ORHY 64%	ORHY 72%	ORHY 44%	
	KG	1		1		The state of the s	ORHY 30 36	1
	****				EULA 51% 58		I JOKHI 30 30	
	KS	1		1	CHVI 11%	CHVI 30%	1 26%	
	OV	1			40%	45%	36%	1
9	KG	- 1		1	AGCR 15%	AGCR 56%	AGCR 35%	
	KS	- 1			1 110/	1 56%	EPNE 20%	
	OV	- 1		100p 7/9/	11%	56%	24%	1
10	KG	!		AGCR 74%	AGCR 72%		ARCR 88%	1
	KS	- !		PUTR 47%	1 20%		PUTR 90%	
	OV	- 1		55%	30%		69%	
11	KG	!		AGCR 70%	!		AGCR 90%	
	KS			AMAL 35%	!		1 000	
	OA	. !		51%			90%	
	KG				!		AGCR 20%	
	KS			. 543				
	OV						20%	1
13	KG			AGCR 70%		n n ** = =,	AGCR 70%	1
	KS			SYOR 30%			SYOR 60%	
	OV			52%			65%	

Key Area#	1981	1982		198	33		1984		1	985		L986
14			9 1						AGCR	70%		
										E 0.0%		
15									LACCM	50%	1	
13							1		AGSM CHVI		1	
									CUAT	35%		
W1 KG		ORHY	59%	ORHY	19%		ORHY	57%	ORHY		ĺ	
KS		CHVI		CHVI			ARNO		ARNO			
OV			47%		33%			29%		32%	İ	
W2 KG		ORHY	35%	ORHY	18%		ORHY	35%	ORHY	33%		
KS		ARNO	58%	ARNO	59%		ARNO		ARNO			
OV			47%		44%			39%		44%		
*VC= Vey Cra	ss Specie (if AGSP	  /ACCP	thon	l Imagne	244	nd.	l Idodan	d divi	المما	for one	   1100	10001)
KS= Key Shr		ACGR	LHEII	means	auu	au	l ded an	id divi	lueu	TOT OHE	lase	Tevery
	average of all spe	cies ı	ıtili	zed							İ	
				1								
Grass Valley	KG	AGSP	38%									
Native		2										
	l lks											
	OV		34%			, mile						
Bluemass	KG	AGSP										
	KS											
	OV		46%									
Lunch Canyon	KG	AGSP	65%									
Native												
	l Iks					1						
	00		45%									
Calcutta	KG	AGCR									3.7	
Burn All		110 011	00.0									
Over												
	KS	SYOR	14%									
	IOV		26%					9				

TippettAllotment
Trend and Monitoring Interpretation Summary

key	Key Sp.	Eco.	Trend	Utili	zation	Habita	Cond.	Cause	Spec	ies	ANOV	A/	Comments	Objecti:	
Area	Mgmt.	Status	Change	1 %		% Rati	ng %	for	Samp	le Size	Dunc	ans		Met	
	0bj.	% Comp		81  82  8	3   84   85   86	Deer	Antelope	Change	that	Change	5% &	10%		Utiliz.	Trend
	AGCR->1	N/A		38	1111	-	-		-	1 - 1	-	-	Due to severity of grazing		
	AGSP->1	(Seeding)	(Probably	13	50	-	-		-	1 - 1	- 1	· .	occurring just prior to		
	SYOR		at)->	12	50	<u> </u>	- ·		_	1 - 1	- 1	-	planned second reading in	Unknown	Unknown
	1			111	1111					1 1	1		1986 (sheep camp diectly		
	1			111	1111					1 1	1		on transect) it was decid-		1
	1			111	1 1 1 1					1 1	1		ed to try again another		1
	1 3 1			111	1111						- 1		year.		
				111	1111					1 1	- 1				
2	I .	59%-Late		111	1111					1 1	- 1		Good Condtion class-AGSP	le e	
	AGSP-T	AGSP 10%	11	111	20	-	-	Low Util.	7.5	116.5	Υ	Υ	not at min. 20% for mean-		1
	ARAR->	ARAR 63%	1->	111	i i ii i	-	-	Seed Source	64	69	N	N	ingful trend evaluation,		1
	i	Overall	1->	i i i	1 1 1 1					i i			but is increasing - May be	Yes	Yes
	i de la companya de la companya de la companya de la companya de la companya de la companya de la companya de	i	İ	i i i	1 1 1 1					i i	i		insufficient AGSP seed		İ
200			İ	iii	iiii					i i			source to compete with		1
	i		i	iii	iiii					i i			ARAR - stocking level		i
	i		i	iii	iiii					i			dropped - trend overall		i
	i	i	i	i i i	1111								is static. Meeting objec-		i.
			1	iii	1111								tives.		
	i		i	iii	iiii									i	i
3		53%-Late	i	iii	iiii								Low Good condition Utili-		İ
	AGSM ->	AGSM 39%	1->	1   13	38   30   16	-	-	Uncertain	70.5	74	N	N	zation ok, PPT high/low	1	1
	ORHY -> 1	ORHY 26%	11	111		-	-	PPT	29.5	19	N	Υ	stocking rates have	1	1
	CHVI->	CHVI 10%		IIII	9 19 10	- "	45-Fair	Unauth.	20.5	28	N	N	remained constant, yet	Yes	No
	1	Overall	-> ↓	111	1111		1	Use	1				unauthorized use has been	1	
	1	1		111	1111			Distrib.					suspected - overall trend	1	
	1	1	1	111	1111		1	Season Use		1			is static to down ward.	1	
	1	1	1	111	1111			1		1			Not meeting objectives.	1	
	1	1	1	1 1 1			1					2		1	1
4	1	70%-PNC	1.	1 1 1			1		1				Low exellent PNC - exceed-	1	
	ORHY→↑	83	17	7	78 72 65	-	-	PPT	34	45	N	Y	ing P.U PPT Good/low	1	
	EULA->	92%		1 1 15	51   52	- 1	45-Fair	Seasons Use	77.5	81	N	N	years - overall trend	1	1
		Overall	1-> 1	111	1111		1	Distrib.	1	1			static to upward - Distri-	No	Yes
	!	1	1	111	1111			Unauth. Use					bution and seasons of use		
	1		1	111					1				problems - meeting all		
	1	1	1	1 1/1	1111			1		1			K.A. objectives.	1	1
	1	1	1	111	1111		1	1	1			W		1	Ì

## Trend and Monitoring Interpretation Summary

Key	Key Sp.	Eco.	Trend	Utilization		tat Cond.	Cause		ecies		IOVA/	Comments	Object	
Area	•	Status	Change	The state of the s	% Rat	ing %	for		e Size	Dunc			Met	
	Obj.	% Comp	1	81  82  83  84  85  86	Deer	Antelope	Change	that	Change	5% 8	10%		Utiliz.	Trend
5		20%-EARLY	1			1				2.00		Distribution and seasons		1
	ORHY ->	74%	11	42 76 56	-	- 1	PPT	48	62	Y	Υ	use utilization problems -		l
	ATCO→↑	1 1%	14			45-Fair	Seasons Use	22	8	Υ	Y	low cond. class - overall		1
	CHVI→	25%	14.	10 17 26			Distrib.	515	325	Y	Y	trend is up to static -	Part	Part
		Overall	1→1									good PPT - not meeting all		
			İ									K.A. objective.		
6		  23%-EARLY								100		  Low cond. class - extreme		1
	ORHY-T	32%	→	42 68 60	_	i - i	High	25	26	N	N	IPPT fluctuation - still		1
	ATCO-+	3%			-		Util.	_	- i	-	-	have dist. and season use	İ	į.
	CHVI→↓	65%	14	9 22 1	_	•	Distrib.	76	61.5	Υ	Υ	probs utiliz. to high -	No	Yes
		Overall	→				Season Use		i		4.1	trend static overall -	İ	İ
		1							i i			meeting all K.A. objec-	i	ĺ
									i i			Itive.	i	i
							~ .		i i				i	i
7		70%-LATE				i			i			High Good PNC - extreme	i	i
	EULA ->	100%	it	60 54 56	_	i -	PPT	35.5	47	Y	ΙΥ	PPT fluctuation - still	i	i
	LUCA	1 1002	11		_	45-Fair			''			season used dist. probs		i
		Overall	it			1						Utiliz. above P.U., but	l No	l Yes
		1 Overall				1			1 1	-	! 	overall trend is up -	1	1
						1						meeting all K.A. objec-	1	i
						1	1	l			1	tive.	1	1
				1 1 1 1 1 1 1		1		l	1 1		1	icive.	1	1
		1512 1 175	1			!	!				!	load south and		
8		61%-LATE	1.				Interests	1 40 5	1 20 5	M		Good seral cond extreme	•	ļ
	ORHY-T	26%	14	64 72 44	-	•	Distrib.	40.5	32.5	N	1 1	in PPT - still have season		1
	EULA-	69%	->	51 62	-	45-Fair	Season Use	35.5	30	N	l N	use and distribution		1
	ARSP→↑	5%	11				!	1	4.5	Y	i Y	probs past unauth. use	No	No
		Overall	1->4				!		- 2			probs utiliz. above		1
		!							!			P.U trend static to		!
			1						! !			down ward overall - not		!
							!	!				meeting objectives.		!
		1	1			l	1	1	1		l	1		1

#### Trend and Monitoring Interpretation Summary

Key	Key Sp.	Eco.	Trend			zation		tat Cond.	Cause		ecies		/AVO	Comments	Objec:	
Area	Mgmt.	Status	Change		%	041051051		ing %	for		le Size	•	cans		Met	
	Obj.	% Comp		81 [82]	83	84   85   86	Deer	Antelope	Change	that	Change	5% 8	10%		Utiliz.	Irena
9		N/A-Seeding				551051		!						Low Good condition un-		
off or	AGCR →↑		7	!!!!	15	56   35	_		PPT	51.5	67	Y	Y	fenced - extreme PPT -		!
	AGSM -> 1		1			1 1 1	-	-	AGSM Source	14	2	Υ	Y	poor Distrib utiliza-		
	POA SP	6%						1	1 ow	-	-	-	-	tion low - overall trend	Yes	Yes
	SIHY	2%								-	-	-	-	static to upward P-J and	!	!
	ARTRV	35%								15	1 14	N	N	ARTRV encroachment signi-		!
		Overall	<b>→</b> ↑											ficant - meeting K.A.		
														objectives.		
10		N/A-Seeding								1						
	AGCR ->	92%	<b>→</b>	74	72	88	-	•	High Utili.	79	70	N	N	High excellent condition	1	
	SIHY	2%					-		PPT	-	-	-	-	unfenced chaining - PPT		1
1	POSESP	3%		111	1				Transect	-	-	-	-	extremes - past unauth.	No	Yes
	STTH	13		111					stakes	-	-	-	-	use - distrib. probs		1
	PUTR	2%	1	47	1	90		1	altered	.5	3	N	Y	overall static trend -		1
	i i	Overall	<b>→</b>	1 1	İ			i		j	İ	1	1	still above P.U. AGCR -not		1
	i	i		1 1	i			İ	i de de	j	1	İ	İ	meeting K.A. objectives.	İ	1
11	i	N/A-Seeding		i i i	ii	iiii		i	i da sa sa sa sa sa sa sa sa sa sa sa sa sa	1	i	i			İ	i
	AGCR ->	46%	<b> </b> →	1 170	i	1901		i -	İ	5.9	69.5	N	N	High fair condition un-	į .	į i
	IPOSE->	8%	i	iii	i	iiii	_	i -	IPPT	i -	i -	i -	i -	fenced chaining - PPT	i	i
	ARTRW->	30%	1	i i	i			i	Seed Source	110.5	21.5	I Y	I Y	extremes - distrib. probs.	l No	Part
	CHVI	4%	→	iii	i	iiii		i		116	14	N	l N	- utiliz. above P.U		
	STIPA SAP			iii	i i	i i i i				-	-	-		lots of sagebrush - over-	i	
1	IAGSM	·	<b>→</b>	ii				i	i	i -			-	all trend is stalic - not	•	
	1	1	1	i i :				1	1					meeting K.A. objectives.		
				1 1				1	i	i				(ARTRW increase.) BIG SAG	F	
12		N/A-Seeding		i i	1					1				1	1	
	AGCR 1		  →	1 1		20	_	45 Fair	PPT	41.5	47	N	l N	  Good condition - fenced		
	ARTRW->	•	1-7	1 1				1 -	Distrib.	57	52	N	l N	seeding - PPT extremes -	1	
	[CHVI	1000	->				_	1	1	5.5	1 5	l N	I M	distrib. probs trend	Yes	l Yes
	1		<b>→</b>					1	1	1 3.3		"	. "	static - meeting K.A.	1 162	1 162
		Overair		1 1					1	!				•	1	
				! !	1 1	! ! ! !		1	1	!		!		objectives.	!	!
13		IN/A Condina		! !	!	! ! ! !		1 2	!	!	!	!	!			
	AGCR ->	N/A-Seeding		1 170		1 1701		1	IDDT	155.5				High Fair condition - un-	!	!
		The state of the s	<b> →</b>	70		70	-	! -	PPT	55.5	54.5	N	N	fenced chaining - PPT		!
	AGSP →↑		11	!!			-	-	Distrib.	6	10.5	Y	Y	extreme - above P.U. AGCR	1	
	PUTR →↑		<b> →</b>	!!					!	2	] 1	N	N	- distrib. probs over-	No	Yes
	ARTR2	9%		!!		!!!!				-	! -	! -	-	all trend is static - not		1
		Overall	<b>→</b>					1		1		!		meeting K.A. objective.		
	•	1		1, 1	1 1	1 1 1 1		1	1	1	1	1	1	1		

## Trend and Monitoring Interpretation Summary

Key	Key Sp.	Eco.	Trend	Uti	lizat	ion	Habita	t Cond.	Cause	Speci	ies	ANO	VA/	Comments	Objecti	ves
Area	Mgmt.	Status	Change	1	%		% Rat	ing %	for	Samp	le Size	Dun	cans		Met	
	0bj.	% Comp		81 82	83 8	4   85   86	Deer	Antelope	Change	that	Change	5%	4 10%		Utiliz.	Trend
14		42% - Mid			11	II	1	l l		1		,	Ī	High Fair condition PPT -		
	AGSM -T	16%	11	i i i	İ	70	j -	-	PPT Low 85,	16.5	76	Υ	Y	extremes - above P.U.		
	CAREX	15%	14	i i	i i	i i		-	86 - Carex	70	.5	Υ	Y	AGSM - distrib. probs		1
	TAOF	18%	<b> →</b>	i i	ii	i i	53-Fair		Distrib.	28.5	33	N	N	Low PPT excluded carex	No	Yes
	POTEN	11%	->	11	1	1 1	1	1		-	-	N	N	allowed AGSM increase -	1	
	ARTRY ->	24%		l i	i	11	1	İ		-	-	-	1 -	overall trend static to	1	1
		Overall	j→↑	11	ii	1 1	İ	ĺ					1	upward - K.A. obj. being	1	1
	1	1		i i	1	11	1	İ						met (heavy horse use).	1	1
15		35% - Mid	i	i i	ii	ii	į ·	i		İ			1		İ	1
	IAGSM ->1		i 🛧	ii	ii	[50]	-	i -	PPT	59.5	87.5	Υ	Y	Mid-seral condition - PPT-	i	
	ARTRY-	76%	IV	i i	İ	i i	53 Fair	68 Good		52	40	N	IY	Utiliz. o.k distrib.		İ
	ISYOR ->	1 1%	ÍΥ	i i	ii	i i	İ	i		1	4.5	Y	I Y	probs horse use area -	Yes	Yes
	i	Overall	1->1	i i	ii	i i	i	İ		İ	1		1	overall trend static to	i	1
	i		1	i i	i i	i i	i	i		i	1		i .	upward - K.A. obj. being	i	i
			i	i i	ii	ii		1					i i	met.	i	i
			i	ii	ii	i i				i	i		i			i
TWI		46% - Mid	i	ii	ii	ii			1		1		i	i		i
	ORHY	1113	1	1 159	11915	7 42			i				1	1	i	i
	IARNOV		i	1 100	1.515	, ,		1	1				i			i
	EULA		i	1 1	l i	1 1			i				i			
	1		ì	ii		1 1	1	1	1				i	•	1	1
TW2		21% - Mid		ii	ii	i i							i			1
	ORHY			i i	ii	i i		i					i	i de la companya de l	1	1
	ATCO		i	1 1		11							i .	1		1
	1		i	1 1												1
		•	1	1 1	1 1	1 1	ı	1	I	I,	1	1	1		1	1

Weather Growing Season. Index % of Normal

1980	1981	1982	1983	1984	1985	To date (12/5/86)
1.58	.94	2.14	2.25	2.07	.81	.96

#### United States Department of the Interior Bureau of Land Management

#### MONITORING STUDIES STRATA SUMMARY

Statum	Key	Veg	Ecol.	Response	Key	Soils	Grazing	Acreage &	Type		Existing	
No.	Manage- ment Area	Type   	Site   No. 	<u> </u>    Potential 	Species   	Series   	Animals   in str-   atum	% of Allot Represented by Stratum	of     Study	Date Established	Ecological <u>2 </u>  Status and or  Habitat Condition	Trend     
	1	  Seeding     	  D28B062N     	   High   	   AGCR   AGSP   SYOR	   N/A   	   Sheep   Cattle   Deer   Horse	2,000 acres 1%	Frequency  Condition  Utiliza-  tion PPT	9-23-81	NA (close to  potential) can't  rate seeding for  Eco. status	No  Apparen   
	2	  Low Sage 	  D28B037N   	   Medium   	   ARAR   AGSP 	   N/A   	   Sheep   Deer   Horse	4,000 1%		9-24-81	Late Seral (59%)       	
	3	  Western  Wheat-  grass	  D28B071N 	   Medium 	AGSM	   N/A   	Cattle   Antelope	6,500 3%		8-5-82	Early Late Seral  (53%)	
	4	  Winter-  fat	  D28B109N   	   High 	   EULA   ORHY	   N/A   	Cattle Antelope	5,800 3%		8-5-82	Early Climax  (78%) 	
	5	  Rice-  grass  Shad-  scale	  D28A012N 	   (Low)   	ORHY ATCO	   N/A 	Sheep     Cattle     Antelope   Horse	16,000 8%		8-4-82	Early Seral  (20%) 	
	6		  D28A012N   	   (Low) 	ORHY ATCO	   N/A 	Sheep     Cattle     Antelope				Early Seral  (23%) 	

Management response potential of the ecological site i.e., low, medium, or high.

For Ecological Status identify seral stage and percentage rating i.e., mid seral 41%.

Indicate up, down or not apparent.

#### United States Department of the Interior Bureau of Land Management

#### MONITORING STUDIES STRATA SUMMARY

Statum	Key	Veg	Ecol.	Response	Key	Soils	Grazing	Acreage &	Type		Existing	
No.	Manage-	Type	Site	11	Species	Series	Animals	% of Allot	of		Ecological 2	Trend
1	ment	1	No.	Potential		1	in str-	Represented	Study	Date	Status and or	
	Area		1	L .	1		atum	by Stratum		Established	Habitat Condition	
		1		1	1		1		1		Late Seral (70%)	
	7	Winter-	D28B109N	High	EULA	N/A	Antelope	5,500	F	8-12-82		
		fat				1	Cattle	3%	[C ]			
		1				1	1	1	[U			
									P			
				1		1	1		1		Late Seral (61%)	
	8	Winter-	D28A021N	Medium	ORHY	N/A	Cattle	4,500	F	8-12-82	1	
		fat		1	EULA	1	Antelope	2%	[C ]			
1		1	1	1	l				U			
									P			
1		1							1 1		N/A	
1	9	Crested		Medium	AGCR	N/A	Cattle	1,000	F	9-16-82	Can't rate chain-	
1		Wheat-					Sheep	1/2%	[C ]		ing for eco.	
	25	grass				1	Antelope	1	In I		status (mid-poten-	
		1	<u> </u>				Deer		P		tial)	
						1					N/A	
	10	Crested		Medium	AGCR	N/A	Cattle	1,000	F	9-16-82	Can't rate chain-	
		Wheat-					Sheep	1/2%	[C ]		ing for eco.	
. !		grass				!	Deer		lu i		status (mid-poten-	
				ļ	<u> </u>	<u> </u>	<u> </u>	<u> </u>	P		tial)	
!		!							!_ !		N/A	
	11	Crested		Medium	AGCR	N/A	Cattle	800	F	9-22-82	Can't rate chain-	
		Wheat-	!			!	Sheep	1/2%	Ic I		ing for eco.	
!		grass					Deer		ln i		status (mid-poten-	
		scale	ļ	ļ		<del></del>			P		tial)	
. !	10	10	1	   M-42	1 4000	   N/4		1 2000	1.	0 12 00	N/A	
	12	Crested		Medium	AGCR	N/A	Cattle	1,800	F	8-13-82	Can't rate chain-	
		Wheat					Sheep	1 1%	[C		ing for eco.	
		grasss					Deer		U		status (mid-poten-	
		1	1			1			P	*	tial)	

Management response potential of the ecological site i.e., low, medium, or high. 2 For Ecological Status identify seral stage and percentage rating i.e., mid seral 41%. Indicate up, down or not apparent.

#### United States Department of the Interior Bureau of Land Management

#### MONITORING STUDIES STRATA SUMMARY

Statum	Key	Veg	Ecol.	Response	Key	Soils	Grazing	Acreage &	Type		Existing	<u> </u>
No.	Manage-	Type	Site	11	Species	Series	Animals	% of Allot	of		Ecological 2	Trend
1	ment	1	No.	Potential		1	in str-	Represented	Study	Date	Status and or	
Í	Area	İ	i	İ	i	į i	atum	by Stratum	1	Established	Habitat Condition	İ
		1	1 ?		İ	1	1	i i	1		N/A can't read	l
i	13	Crested	D28B060N	Medium	AGCR	N/A	Cattle	1,300	[F	9-2-82	ecological condi-	i
1		Wheat-				1	Sheep	1 1%	ic	i	tion on chainings	i
		grass			1	i	Deer	1	U		1	
- 1		I					l Dec.		IP	1		
			1	1	1	1	l I	1	<del> </del>		Mid-Seral (42%)	
1	14	Macton	  D28B022N	Low	AGSM	N/A	Sheep	6,400	F	7-22-82	I I I I I I I I I I I I I I I I I I I	1
- 1	14	•	IDEODOZEN	LOW	I AGSM	I N/A		3%	IC .			1
1		Wheat-	1	!	!		Horse	1 3%	•	[C	7 1	1
1				!		!	Deer	!	lu .	lu		!
					1				P	P		
		-		1 0	l	+	<u> </u>	1	+	<del> </del>	Mid-Seral (33%)	<u> </u>
	15	Western	D28B03N	Low	AGSM	N/A	Sheep	4,500	F	8-13-82	1	1
-	13	Wheat-	I DEOBOSN	LOW	l Masiri	1 10/7	Horse	2%	c	1		
- 1			1		1			1 20	ln In		The state of the s	1
		grass				1	Deer	1	IP.			1
	TWI			1	<u> </u>	-		-	1	+	Mid-Seral (46%)	<u> </u>
	16	  Black-	D28013N	Medium	ORHY	N/A	Sheep	10,900	F	11-17-82	1	
	10	•	D20013N	Medium	•	I N/A	,			11-17-02		1
		sage			ARNO		Cattle	5%	Ic			
					EULA		Antelope	!	In			
	TUO		<u> </u>		<u> </u>				IP I			1
!	TW2	ln.	100040101	1	I ODLIV	   N/A		I Coo kou	I .	11-23-82	(21%)	
	17	Rice-	D28A012N	Low	ORHY	N/A	Cattle	See key	F	11-23-02	(21%)	1
		grass	!		ATCO		Sheep	5	C			
		Shad-					Antelope	Į.	[U			
		scale				ļ	Horse	<u> </u>	IP.	ļ		
!									1			
!					1	1			1	I and the second second		i

Management response potential of the ecological site i.e., low, medium, or high.

For Ecological Status identify seral stage and percentage rating i.e., mid seral 41%.

Indicate up, down or not apparent.

#### Issues

- 1) There is insufficient forage to meet the demand of all users (cattle, sheep, wild life, and wild horses).
- 2) Conflicts with season of use with livestock and sage grouse nesting in the Henriod Seeding, and south just adjacent to the seeding, and in the Siegel Creek area from 5/1 to 5/15.
- 3) Current grazing practices and management facilities are inadequate to ensure proper distribution and utilization.
- 4) Productivity of seeding/chainings is reduced to invasion of sagebrush and P-J.
- 5) Poisonous plants are a recurring problem by killing livestock (Halogeton, and Larkspur) annually in the allotment.
- 6) There is inadequate yearlong habitat and forage for wildlife in the allotment.
- 7) The wild and free roaming characteristics of horses need to be maintained.
- 8) Soils and ecological status data is insufficient for the allotment. However, there is significant level of concern among interest groups and management agencies to manage for the most appropriate seral stage to meet the requirements of the key foraging animals.
- 9) Allowable use factors are being exceeded in some areas of the allotment.
- 10) The ROD-LUP-MFP III says an AMP will be implemented in the Tippett Allotment. MFPI criteria also says seedings should be implemented in the allotment, and existing seeding shall be maintained through land treatments.
- 11) Interest groups want sufficient forage and water resources to sustain reasonable numbers of wildlife, management level of horses determined in the Antelope HMAP, and preference levels for livestock.

## Tippett Allotment Evaluation Conclusions

- 1) Actual use in 1985 by livestock was 8,526 AUMS or 63% of preference (13,615 AUMS), wildlife was 1,185 AUMS or 100% of reasonable numbers, wild horses was 1,260 AUMS or 105 horses yearlong. All forage users accounted for 10,971 AUMS used. This was 2,657 AUMS below the computed stocking rate of 13,628 AUMS. Were 100% of livestock preference activated, total forage demand would have been 16,060 AUMS, or 2,432 AUMS above the computed stocking rate. For 1985 if the remaining 2,657 AUMS would have gone to livestock that would have only been 82% of preference.
- 2) Distribution among forage users in the allotment is a significant problem.
- 3) Overall trend is stable in the Tippett Allotment.
- 4) Approximately 22% of the allotment produces no forage.

## Tippett Allotment Recommendations

- Implement the Tippett Allotment AMP. 1)
- Prior to the AMP implementation set levels of use for Antelope Valley (#'s 9 & 10) North Schell Bench (#2), Henroid Seeding (#3), and Spring Valley Bottom (#4)..

## Cattle

#### Pastures 9&10

5 x 550 150 1400 pums No more than 550 head from 12/1 to 4/30. No more than 400 head from 11/1 to 11/30 and from 5/1to 5/31.

No use will be allowed from 6/1 to 10/31.

#### Pastures 2,3,&4

Up to 150 head will be allowed from 5/1 to 5/31 and from 11/1 to 11/30.

## Spring Valley and Schell Creek Range

150 head from 6/1 to 10/31.

### Kern Mountains

350 head from 6/1 to 10/31.

## Sheep

## Pastures 9&10

Use no more than 1,556 AUMS from 2/1 to 5/31.

No use from 6/1 to 1/31.

## Spring Valley and Schell Creek Range

2,200 head from 5/1 to 6/15.

1,000 head from 6/16 to 9/30.

1,500 head from 10/1 to 11/30.

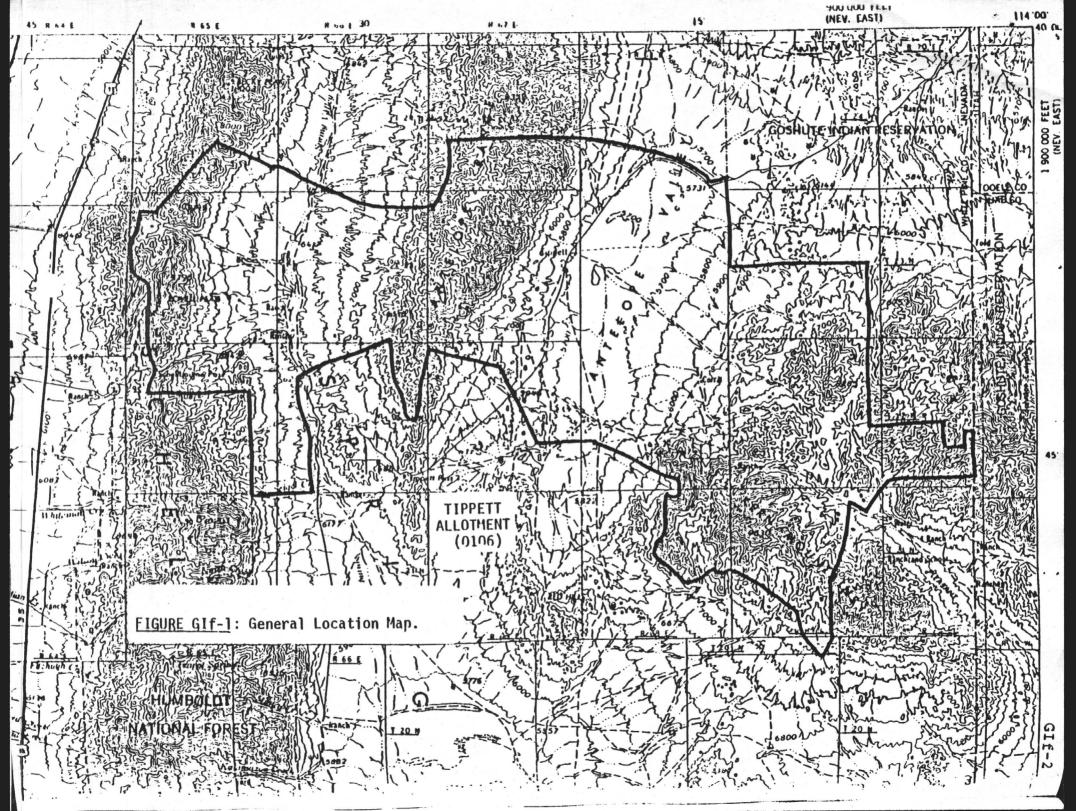
## Antelope Mountains

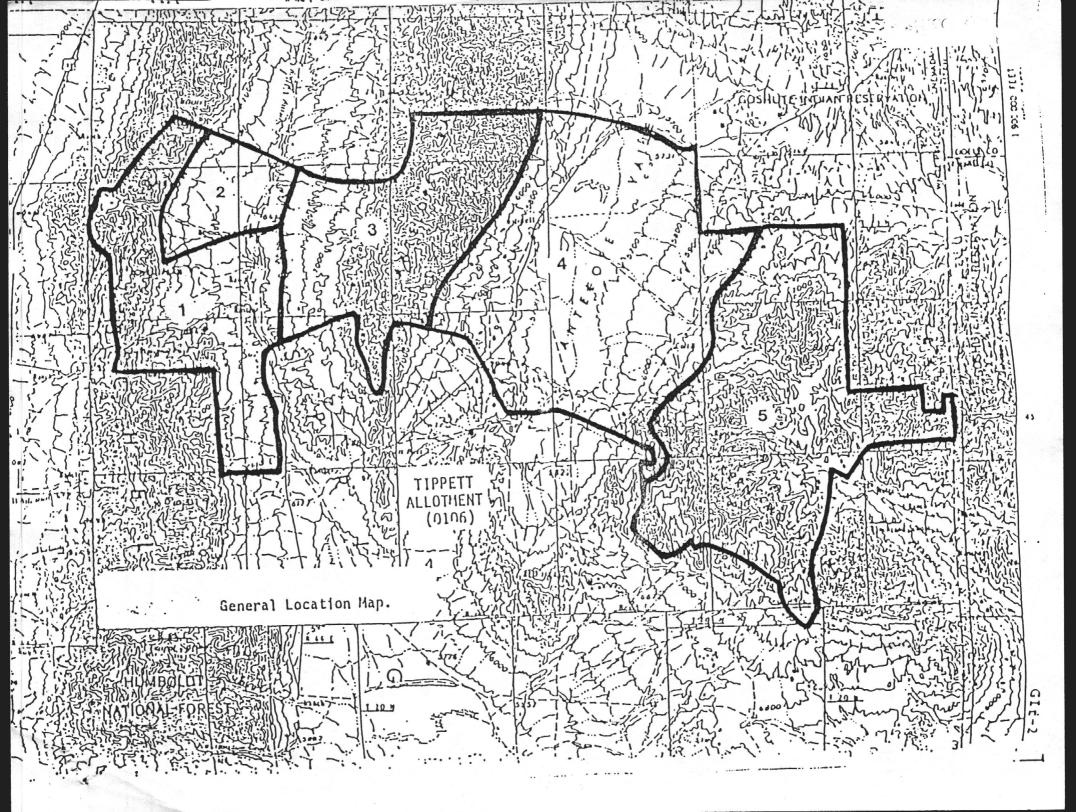
1,500 head from 6/1 to 9/30.

## Kern Mountains

2,500 head from 5/1 to 11/30.

- 3) Adjust areas of use, seasons of use, levels of use five years after the AMP is implemented if no additional feasible management facilities, water projects, and vegetative conversions are needed.
- 4) Continue to monitor to determine if management objectives are being met.
- 5) Continue consultation, cooperation, and coordination with all user and interest groups.





WY ELOA HORSE ORGANIZED ASSIS

WILD HORSE ORGANIZED ASSISTANCE P.O. BOX 555 RENO, NEVADA 89504



. . . a note from

July 28, 1989

Dawn Y. Lappin

Mr. Gerald M. Smith, Manager Schell Resource Area Ely District Office Bureau of Land Management Star Route 5, Box 1 Ely, Nevada 89301

Dear Mr. Smith:

Thank you very much for the opportunity to provide comments relating to the Tippett Allotment Evaluation.

The Tippett Evaluation document was clear, the data useful to understand the rationale of the evaluation and options. I would appreciate a copy of the AMP when it is completed.

General Management Objectives

Why wasn't a monitoring program established after the completion of the EIS?

Based on the recent IBLA (6/89) order, will the agency base the attainment of wild horse optinum levels through monitoring?

3. I do not understand the split of 70% livestock, 30% wildlife? The wild horses are not just an add on species on the public rangeland. The intent, according to the Congressional Record H9059 (Oct. 4, 1971), was '...a proper balance must be maintained between forage and animal use. This bill does not prevent that but it will prevent indiscriminant slaughter of wild horses and burros and assure them of equal consideration on the public land along with other wildlife and domestic livestock." Now you are stating that, despite the fact that through numbers, they too are managed, they will not share in the proportionate increases in forage?

It is apparent that many of the adjudications the in past were based on "historical use" and the maintenance of the historical use is one big reason why the ranges are in tough shape. Although by in large this is the first evaluation I have seen where a good percentage of the allotment has met management objectives.

Distribution, at least as far as the horses are concerned is a matter of understanding why the horses prefer a particular area. This cannot be understood unless you have some suitability criteria from which to make those judegements.

Is the 22% of unproductive lands because of topography, rocky areas?

#### Recommendations"

Reduce "grazing animals" based on measured utilization and actual use, by the direct percentage of class of animal utilizing it, in order to maintain proper use on the vegetation..

Require better distribution by permittees. (Some districts require riding or pushing of the livestock.

Rehabilitate springs and waters through cooperative agreements so they are available for all users and to better distribute animals.

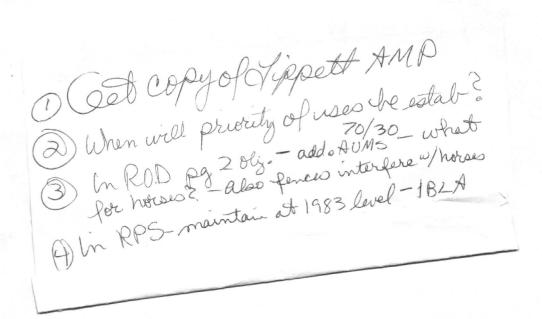
Continue to monitor.

It is understood that initially the forage was sold to permittees; but the public's interest in wild horses and increased wildlife values will have to adjust that forage useage.

Most sincerely,

Dawn Y. Lappin (Mrs.) Director

cc: Board of Trustees
David A. Hornbeck, Esq.



BOB MILLER Acting Governor STATE OF NEVADA

COMMISSION FOR THE PRESERVATION OF WILD HORSES

Stewart Facility
Capitol Complex
Carson City, Nevada 89710
(702) 885-5589

July 28, 1989

Gerald M. Smith, Area Manager BLM - Ely District Office Star Route 5, Box 1 Ely, Nevada 89301

Dear Mr. Smith,

Thank you for the opportunity to comment on the Tippett Allotment Evaluation Summary.

In your document, you state that the allotment has an AMP proposed for it. I would like to request a copy of the AMP and would hereby request an extension to modify my comments on the Allotment Evaluation Summary pending the information in the AMP.

General Management Objectives This states that you will provide sufficient forage and water resources to sustain... the management level of horses as determined in the Antelope HMAP... In light of the recent IBLA ruling, horses must be managed in a "thriving ecological balance." How will you modify your objectives to comply?

<u>Tippett Allotment Objectives</u> LUP-MFP III 3). What do you mean by "land treatments" to maintain seedings? 4) Why wasn't a monitoring program established previously to determine "the true capacity?"

LUP-MFP III 4. b. Numbers present in the Antelope Herd in 1983 inventory are fine as as a starting place for monitoring as long as no reductions are done until data shows the Thriving Ecological Balance is not being maintained.

- $\overline{70\%}$  3. If additional forage is made available and the split is  $\overline{70\%}$  livestock/30% big game, what are horses livestock or big game?
- 6. How will you mitigate impacts to the free-roaming behavior of horses if you plan on 71.9 miles of fence?
- RPS 3) "Maintain wild horse numbers at the 1983 level." What is your justification for this in light of the recent IBLA decision?

TERRI JAY
Executive Director

COMMISSIONERS

Deloyd Satterthwaite, Chairman Spanish Ranch Tuscarora, Nevada 89834

Dawn Lappin 15640 Sylvester Road Reno, Nevada 89511

Michael Kirk, D.V.M. P.O. Box 5896 Reno, Nevada 89513 Gerald Smith July 28, 1989 Page 2

Summary - I refer again to the ROD 3. and ask are horses to receive additional proportional forage as "livestock" or "big game?" Please explain how you can justify "proportional" increases in light of the intent of the law as contained in the Congressional Record, dated October 4, 1989, Vol. 117, No. 146.

That document states that "...assure them (wild horses) of EQUAL consideration on the public land along with other wildlife and domestic livestock." And, "Wild horses and burros...should receive the SAME consideration as those animals more commonly considered wildlife, such as deer, elk, desert sheep and as domestic livestock now using the public lands. Wild horses and burros alone should not be singled out for slaughter or reduction if and when reduction is required by adverse range condition."

In conclusion, it is evident that strong measures are necessary to try and repair the past abuses of the resource. I applaud your efforts at developing sound range management programs for this allotment.

Thank you for your time.

Executive Mrector

#### COMMISSIONERS

Deloyd Satterthwaite, Chairman Spanish Ranch Tuscarora, Nevada 89834

Dawn Lappin 15640 Sylvester Road Reno, Nevada 89511

Michael Kirk, D.V.M. P.O. Box 5896 Reno, Nevada 89513



# COMMISSION FOR THE PRESERVATION OF WILD HORSES

Stewart Facility
Capitol Complex
Carson City, Nevada 89710
(702) 885-5589

April 27, 1990

Gerald M. Smith, Area Manager Schell Resource Area Ely District - BLM Star Route 5, Box 1 Ely, Nevada 89301

Dear Mr. Smith,

This letter is response to your Notice of Proposed Multiple

Use Decision for the Tippett Allotment.

The Commission is an affected interest in this matter since we have been participating in the allotment evaluation process for all allotments that are in wild horse herd areas and we are concerned for the welfare of wild horses in Nevada.

The Commission is protesting the decision for several

reasons.

First, your documentation states that, "Unauthorized use was

probably quite <u>significant</u> during the 1981-85 period and although several trespass actions resulted in settlements, they appear to have fallen considerably short of reflecting the true picture."

This indicates a lack of livestock management in the allotment which, since it occured over several years, was not immediately corrected by the Bureau once it became known.

If the livestock HAD been managed properly, and the trespass stopped immediately, a reduction in wild horses may not be necessary.

Since the trespass grazing of livestock over a five year period is the overriding cause of the current conditions, livestock should be forced to take the blame and the area should be closed to livestock grazing as specified in CFR 4710.5.

Secondly, the establishment of the AML is based on monitoring that occured during and after the time when illegal trespass grazing occured. Therefore, it is unfair to make a hard decision which adversely affects the horses since, had the trespass not occured, the monitoring data would have reflected a totally different picture.

We also protest the revision of the Antelope HMAP to reflect

a new AML for the aforementioned reasons.

If our protest is ignored and horses are to be reduced, then horses should also be reduced proportionately over five years, the same as livestock.

Gerald M. Smith April 27, 1990 Page 2

Otherwise, ALL of the horses above AML will be reduced while only a small portion of the livestock is reduced the first year and then monitoring data will show an increase in available forage, and livestock will not be further reduced. And of course, the AML for horses would not proportionately increase.

The situation must be fair and equitable.

Your proposed decision did not address a concern that I raised in my comments (dated 7/28/89), on the Allotment Evalution regarding the ROD. The ROD states that if additional forage is made available, the split will be 70% livestock, 30% for big game. I asked, "What are horses, livestock or big game?" This is another reason why I protest this decision due to the fact that horses will not receive any increase in available forage should it become available.

I thank you for the opportunity to participate in the Allotment Evaluation Process.

sincerely,

TERRI JAY () Executive Director