

**Standards of Public Land Health
 Evaluation of 65009 CHATTEN-MUNCY Allotment
 [08/06/2012]**

Study Area or Assessment Area	UPLAND			BIOTIC			RIPARIAN		
	Meets	Monitor an Indicator	Does Not Meet	Meets	Monitor an Indicator	Does Not Meet	Meets	Monitor an Indicator	Does Not Meet
65009-EAST SAND-C013	X			X			N/A		
65009-SOUTHWEST-C014	X			X			N/A		

RFOs Upland and Biotic Standard Assessment Summary Worksheet

SITE 65009-EAST SAND-C013

Legal Land Desc	NWSW 23 0060S 0280E Meridian 23	Acreage	2043
Ecosite	070BY061NM SAND HILLS CP-2	Photo Taken	Y
Watershed	13060003220 FILLMORE		
Observers	CHAVEZ,WILSON,BURKHARDT	Observation Date	08/06/2012
County Soil Survey	NM644 CHAVES NORTH	Soil Var/Taxad	
Soil Map Unit	JRC	Soil Taxon Name	JALMAR
Texture Class	NM644 FS	Soil Phase	JALMAR- ROSWELL- PYOTE
Texture Modifier	NM644 FINE SAND		
Observed Avg Annual Precipitation		Observed Avg Growing Season Precipitation	
NOAA Annual Precipitation	9.48	NOAA Growing Season Precipitation	7.05
NOAA Avg Annual Precipitation	11.98	NOAA Avg Growing Season Precipitation	9.89
Disturbances and Animal Use:			

Part 2. Attributes and Indicators

Attribute	Indicators	Departure from Ecological Site Description/Ecological Reference Areas				
		Extreme	Moderate to Extreme	Moderate	Slight to Moderate	None to Slight
S H	Rills					X
Comments:						
S H	Water Flow Patterns					X
Comments:						
S H	Pedestals and/or Terracettes				X	
Comments:						

S H	Bare Ground					X
Comments:						
S H	Gullies					X
Comments:						
S	Wind-scoured, Blowouts, and/or Deposition Areas					X
Comments:						
H	Litter Movement					X
Comments:						
S H B	Soil Surface Resistance to Erosion					X
Comments:						
S H B	Soil Surface Loss or Degradation					X
Comments:						
H	Plant Community Composition and Distribution Relative to Infiltration and Runoff					X
Comments:						
S H B	Compaction Layer					X
Comments:						
B	Functional/Structural Groups					X
Comments:						
B	Plant Mortality/Decadence					X
Comments:						
H B	Litter Amount					X
Comments:						
B	Annual Production				X	
Comments:	lots of seed heads					
B	Invasive Plants				X	
Comments:	mesquite					
B	Reproductive Capability of Perennial Plants				X	
Comments:						
S	Physical/Chemical/Biological Crusts					X
Comments:						

B	Wildlife Habitat					X
Comments:						
B	Wildlife Populations					
Comments:						
B	Special Status Species Habitat					
Comments: NA						
B	Special Status Species Populations					
Comments: NA						

Part 3. Summary

A. Indicator Summary - Each of the indicators are associated with one or more of the attributes below. An indicator is placed in a category (columns) above and summed for each of the Standard Attributes.

Standard Attribute		Extreme	Moderate to Extreme	Moderate	Slight to Moderate	None to Slight
S	Soil	0	0	0	1	9
H	Hydrologic	0	0	0	1	10
B	Biotic	0	0	0	3	7

B. Attribute Summary. In this table, the Extreme and Extreme to Moderate columns in the table above are merged for the *Does not Meet* column, Moderate becomes *May Need More Info*, and Slight to Moderate and None to Slight merge to form the *Meets* columns. Values from the table are summarized below. Space is provided for rationale of the determination. This space should most certainly be used when the determination by the ID team conflicts with the summarized values. Provide the sources of information that lead to the determination. X out the appropriate box for each attribute to denote final agreed upon determination by the ID team.

Attribute	Rationale	Does Not Meet	May Need More Info	Meets
Soil		0	0	10
Hydrologic		0	0	11
Biotic		0	0	10

Site Notes:

RFOs Upland and Biotic Standard Assessment Summary Worksheet

SITE 65009-SOUTHWEST-C014

Legal Land Desc	NWSW 28 0060S 0280E Meridian 23	Acreage	878
Ecosite	070BY054NM SANDY LOAM CP-2	Photo Taken	Y
Watershed	13060003220 FILLMORE		
Observers	BRAUND, BURKHARDT, CHAVEZ	Observation Date	06/15/2012
County Soil Survey	NM644 CHAVES NORTH	Soil Var/Taxad	
Soil Map Unit	RHA	Soil Taxon Name	REDONA
Texture Class	NM644 FSL	Soil Phase	REDONA- CANEZ
Texture Modifier	NM644 FINE SANDY LOAM		
Observed Avg Annual Precipitation		Observed Avg Growing Season Precipitation	
NOAA Annual Precipitation	9.48	NOAA Growing Season Precipitation	7.05
NOAA Avg Annual Precipitation	11.98	NOAA Avg Growing Season Precipitation	9.89
Disturbances and Animal Use:			

Part 2. Attributes and Indicators

Attribute	Indicators	Departure from Ecological Site Description/Ecological Reference Areas				
		Extreme	Moderate to Extreme	Moderate	Slight to Moderate	None to Slight
S H	Rills					X
Comments:						
S H	Water Flow Patterns					X
Comments:						
S H	Pedestals and/or Terracettes					X
Comments:						
S H	Bare Ground				X	

Comments:	In some areas, the bare ground was slightly over 35%					
S H	Gullies					X
Comments:						
S	Wind-scoured, Blowouts, and/or Deposition Areas					X
Comments:						
H	Litter Movement					X
Comments:	Litter movement did occur within the accepted 1-3 ft.					
S H B	Soil Surface Resistance to Erosion					X
Comments:						
S H B	Soil Surface Loss or Degradation					X
Comments:	As expected for the site					
H	Plant Community Composition and Distribution Relative to Infiltration and Runoff			X		
Comments:	Grasses and forbs were present but very scattered - more than expected					
S H B	Compaction Layer					X
Comments:						
B	Functional/Structural Groups					X
Comments:	Types of plants occurring matched the ecological site description					
B	Plant Mortality/Decadence				X	
Comments:	Between 20 7 30%					
H B	Litter Amount				X	
Comments:	litter cover was not quite the average of 30%					
B	Annual Production			X		
Comments:	only approximately 40-60% of potential production - low precipitation					
B	Invasive Plants			X		
Comments:	Mesquite scattered throughout the site					
B	Reproductive Capability of Perennial Plants			X		
Comments:	Reproduction is limited by lack of precipitation					
S	Physical/Chemical/Biological Crusts					X
Comments:						
B	Wildlife Habitat			X		

Comments:						
B	Wildlife Populations					X
Comments:	Unknown population levels					
B	Special Status Species Habitat					
Comments:	Unknown					
B	Special Status Species Populations					
Comments:	Unknown					

Part 3. Summary

A. Indicator Summary - Each of the indicators are associated with one or more of the attributes below. An indicator is placed in a category (columns) above and summed for each of the Standard Attributes.

Standard Attribute		Extreme	Moderate to Extreme	Moderate	Slight to Moderate	None to Slight
S	Soil	0	0	0	1	9
H	Hydrologic	0	0	1	2	8
B	Biotic	0	0	4	2	5

B. Attribute Summary. In this table, the Extreme and Extreme to Moderate columns in the table above are merged for the *Does not Meet* column, Moderate becomes *May Need More Info*, and Slight to Moderate and None to Slight merge to form the *Meets* columns. Values from the table are summarized below. Space is provided for rationale of the determination. This space should most certainly be used when the determination by the ID team conflicts with the summarized values. Provide the sources of information that lead to the determination. X out the appropriate box for each attribute to denote final agreed upon determination by the ID team.

Attribute	Rationale	Does Not Meet	May Need More Info	Meets
Soil		0	0	10
Hydrologic		0	1	10
Biotic		0	4	7

Site Notes: