

Standards of Public Land Health
Evaluation of 64073 FELIX RIVER RANCH Allotment
[09/15/2012]

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
64073-HOPKINS-F251 (*)	X			X			N/A		
64073-HOUSE-F247 (*)	X			X			N/A		
64073-N HOUSE-F249 (*)	X			X			N/A		
64073-PRICE HENRY-F250	X			X			N/A		
64073-W RIVER-F253 (*)	X			X			N/A		
64073-WEST-F254 (*)	X			X			N/A		
64073-WHITE-F255 (*)	X			X			N/A		

The (*) indicates that the assessment had one or more indicator(s) rated moderate/extreme or extreme. These indicators are:

- Bare Ground
- Gullies
- Plant Mortality/Decadence
- Invasive Plants
- Wildlife Habitat

These indicators by themselves are not enough to rate the site as not meeting a standard but may warrant future monitoring.

RFOs Upland and Biotic Standard Assessment Summary Worksheet

SITE 64073-HOPKINS-F251

Legal Land Desc	SWSE 4 0150S 0230E Meridian 23	Acreage	1443
Ecosite	042CY025NM SHALLOW SD-3	Photo Taken	Y
Watershed	13060007110 COTTONWOOD-WALNUT		
Observers	WILSON & CHAVEZ	Observation Date	07/25/2012
County Soil Survey	NM666 CHAVES SOUTH	Soil Var/Taxad	
Soil Map Unit	Tg	Soil Taxon Name	TENCEE
Texture Class	NM666 GR-L	Soil Phase	TENCEE- UPTON
Texture Modifier	NM666 GRAVELLY LOAM		
Observed Avg Annual Precipitation		Observed Avg Growing Season Precipitation	
NOAA Annual Precipitation	9.97	NOAA Growing Season Precipitation	7.85
NOAA Avg Annual Precipitation	13.34	NOAA Avg Growing Season Precipitation	11.07
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:						
B	Invasive Plants		X			
Comments:						
B	Reproductive Capability of Perennial Plants			X		
Comments:						
S	Physical/Chemical/Biological Crusts			X		
Comments:						
B	Wildlife Habitat					X
Comments:						
B	Wildlife Populations					
Comments:	Population size unknown					

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	3	3	4
H	Hydrologic	0	0	4	4	3
B	Biotic	0	1	4	3	2

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	3	7
Hydrologic		0	4	7
Biotic		1	4	5

Site Notes: This site had an extensive amount of creosote scattered throughout. Due to the ongoing drought conditions, little green grass was noted, with minimal new growth.

RFOs Upland and Biotic Standard Assessment Summary Worksheet

SITE 64073-HOUSE-F247

Legal Land Desc	NESW 27 0140S 0230E Meridian 23	Acreage	1237
Ecosite	042CY007NM LOAMY SD-3	Photo Taken	Y
Watershed	13060009040 FELIX		
Observers	WILSON & CHAVES	Observation Date	07/25/2012
County Soil Survey	NM666 CHAVES SOUTH	Soil Var/Taxad	
Soil Map Unit	UA	Soil Taxon Name	UPTON
Texture Class	NM666 L	Soil Phase	UPTON- ATOKA
Texture Modifier	NM666 GRAVELLY LOAM		
Observed Avg Annual Precipitation		Observed Avg Growing Season Precipitation	
NOAA Annual Precipitation	9.97	NOAA Growing Season Precipitation	7.85
NOAA Avg Annual Precipitation	13.34	NOAA Avg Growing Season Precipitation	11.07
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:						
B	Invasive Plants					X
Comments:						
B	Reproductive Capability of Perennial Plants			X		
Comments:						
S	Physical/Chemical/Biological Crusts			X		
Comments:						
B	Wildlife Habitat		X			
Comments:						
B	Wildlife Populations					

Comments:	none noted					
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	2	3	5
H	Hydrologic	0	0	4	3	4
B	Biotic	0	1	5	1	3

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	2	8
Hydrologic		0	4	7
Biotic		1	5	4

Site Notes:

RFOs Upland and Biotic Standard Assessment Summary Worksheet

SITE 64073-N HOUSE-F249

Legal Land Desc	SWNW 28 0140S 0230E Meridian 23	Acreage	503
Ecosite	042CY007NM LOAMY SD-3	Photo Taken	Y
Watershed	13060009040 FELIX		
Observers	WILSON & CHAVEZ	Observation Date	07/25/2012
County Soil Survey	NM666 CHAVES SOUTH	Soil Var/Taxad	
Soil Map Unit	UA	Soil Taxon Name	UPTON
Texture Class	NM666 L	Soil Phase	UPTON- ATOKA
Texture Modifier	NM666 GRAVELLY LOAM		
Observed Avg Annual Precipitation		Observed Avg Growing Season Precipitation	
NOAA Annual Precipitation	9.97	NOAA Growing Season Precipitation	7.85
NOAA Avg Annual Precipitation	13.34	NOAA Avg Growing Season Precipitation	11.07
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	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:						
B	Invasive Plants				X	
Comments:						
B	Reproductive Capability of Perennial Plants			X		
Comments:						
S	Physical/Chemical/Biological Crusts			X		
Comments:						
B	Wildlife Habitat				X	
Comments:						
B	Wildlife Populations					

Comments:	Population levels unknown					
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	1	2	3	4
H	Hydrologic	0	1	2	5	3
B	Biotic	0	0	4	5	1

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	Due to the ongoing drought, there is more bare ground than expected for the ecological site. Given adequate moisture, the plants should respond quickly and therefore the amount of bare ground will be reduced.	1	2	7
Hydrologic	Due to the ongoing drought, there is more bare ground than expected for this ecological site. Given adequate moisture, the plants should respond quickly and the amount of bare ground will be reduced.	1	2	8
Biotic		0	4	6

Site Notes:

RFOs Upland and Biotic Standard Assessment Summary Worksheet

SITE 64073-PRICE HENRY-F250

Legal Land Desc	SENW 15 0140S 0230E Meridian 23	Acreage	161
Ecosite	042CY007NM LOAMY SD-3	Photo Taken	Y
Watershed	13060009040 FELIX		
Observers	WILSON & CHAVEZ	Observation Date	07/25/2012
County Soil Survey	NM666 CHAVES SOUTH	Soil Var/Taxad	
Soil Map Unit	BP	Soil Taxon Name	BIGETTY
Texture Class	NM666 L	Soil Phase	BIGETTY- PECOS
Texture Modifier	NM666 LOAM,SILT LOAM		
Observed Avg Annual Precipitation		Observed Avg Growing Season Precipitation	
NOAA Annual Precipitation	9.97	NOAA Growing Season Precipitation	7.85
NOAA Avg Annual Precipitation	13.34	NOAA Avg Growing Season Precipitation	11.07
Disturbances and Animal Use:			

Part 2. Attributes and Indicators

		Departure from Ecological Site Description/Ecological Reference Areas				
Attribute	Indicators	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	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:						
B	Invasive Plants					X
Comments:						
B	Reproductive Capability of Perennial Plants			X		
Comments:						
S	Physical/Chemical/Biological Crusts				X	
Comments:						
B	Wildlife Habitat				X	
Comments:						
B	Wildlife Populations					
Comments:	Unknown population levels					

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	6	1	3
H	Hydrologic	0	0	7	2	2
B	Biotic	0	0	6	2	2

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	6	4
Hydrologic		0	7	4
Biotic		0	6	4

Site Notes: This location is very dry due to the ongoing drought. There is an extensive amount of bare ground, but there is good grass production. Very little cholla is noted here.

RFOs Upland and Biotic Standard Assessment Summary Worksheet

SITE 64073-W RIVER-F253

Legal Land Desc	NWSE 29 0140S 0230E Meridian 23	Acreage	
Ecosite	042CY025NM SHALLOW SD-3	Photo Taken	Y
Watershed	13060009040 FELIX		
Observers	WILSON & CHAVEZ	Observation Date	07/25/2012
County Soil Survey	NM666 CHAVES SOUTH	Soil Var/Taxad	
Soil Map Unit	UA	Soil Taxon Name	UPTON
Texture Class	NM666 GR-L	Soil Phase	UPTON- ATOKA
Texture Modifier	NM666 GRAVELLY LOAM		
Observed Avg Annual Precipitation		Observed Avg Growing Season Precipitation	
NOAA Annual Precipitation	9.97	NOAA Growing Season Precipitation	7.85
NOAA Avg Annual Precipitation	13.34	NOAA Avg Growing Season Precipitation	11.07
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:						
B	Invasive Plants					X
Comments:						
B	Reproductive Capability of Perennial Plants				X	
Comments:						
S	Physical/Chemical/Biological Crusts				X	
Comments:						
B	Wildlife Habitat				X	
Comments:						
B	Wildlife Populations					

Comments:	Unknown population level					
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	2	3	2	3
H	Hydrologic	0	2	4	2	3
B	Biotic	0	0	2	5	3

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	Due to the ongoing drought conditions, there is more bare ground than expected for the ecological site. Given adequate moisture, plants should respond quickly and amount of bare ground reduced.	2	3	5
Hydrologic	Due to the ongoing drought, the amount of bare ground is higher than expected for the ecological site. Given adequate moisture the plants should respond quickly and the amount of bare exposed soil will be reduced.	2	4	5
Biotic		0	2	8

Site Notes: There is substantial amount of bare ground at this location. The study location is also placed between the Rio Felix and a water tub location and may not be the best place to assess the entire pasture. It should also be noted that this pasture does not contain any public land and may be often used as a gathering area for the entire ranch.

RFOs Upland and Biotic Standard Assessment Summary Worksheet

SITE 64073-WEST-F254

Legal Land Desc	NWNW 12 0150S 0220E Meridian 23	Acreage	1834
Ecosite	042CY025NM SHALLOW SD-3	Photo Taken	Y
Watershed	13060007110 COTTONWOOD-WALNUT		
Observers	WILSON & CHAVEZ	Observation Date	07/25/2012
County Soil Survey	NM666 CHAVES SOUTH	Soil Var/Taxad	
Soil Map Unit	Tg	Soil Taxon Name	TENCEE
Texture Class	NM666 GR-L	Soil Phase	TENCEE- UPTON
Texture Modifier	NM666 GRAVELLY LOAM		
Observed Avg Annual Precipitation		Observed Avg Growing Season Precipitation	
NOAA Annual Precipitation	9.97	NOAA Growing Season Precipitation	7.85
NOAA Avg Annual Precipitation	13.34	NOAA Avg Growing Season Precipitation	11.07
Disturbances and Animal Use:			

Part 2. Attributes and Indicators

		Departure from Ecological Site Description/Ecological Reference Areas				
Attribute	Indicators	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	X
Comments:						
B	Functional/Structural Groups				X	
Comments:						
B	Plant Mortality/Decadence		X			
Comments:	Ongoing drought conditions					
H B	Litter Amount				X	
Comments:						
B	Annual Production				X	
Comments:						
B	Invasive Plants			X		
Comments:	Widely scattered creosote					
B	Reproductive Capability of Perennial Plants				X	
Comments:						
S	Physical/Chemical/Biological Crusts				X	
Comments:						
B	Wildlife Habitat				X	
Comments:						
B	Wildlife Populations					
Comments:	Unknown population levels					

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	1	1	3	5
H	Hydrologic	0	1	2	4	4
B	Biotic	0	1	2	5	2

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	Due to the going drought conditions, the amount of exposed bare ground is higher than expected for the site. Given adequate moisture, this indicator should respond quickly.	1	1	8
Hydrologic	Due to the ongoing drought, there is more bare ground than expected for the ecological site. Given adequate moisture, this indicator should respond quickly.	1	2	8
Biotic	Due to the ongoing drought, there is more plant mortality and decadence than expected for the ecological site. Given adequate moisture, the plants should respond quickly.	1	2	7

Site Notes:

RFOs Upland and Biotic Standard Assessment Summary Worksheet

SITE 64073-WHITE-F255

Legal Land Desc	NESE 6 0150S 0230E Meridian 23	Acreage	509
Ecosite	042CY025NM SHALLOW SD-3	Photo Taken	Y
Watershed	13060007110 COTTONWOOD-WALNUT		
Observers	WILSON & CHAVEZ	Observation Date	07/25/2012
County Soil Survey	NM666 CHAVES SOUTH	Soil Var/Taxad	
Soil Map Unit	UA	Soil Taxon Name	UPTON
Texture Class	NM666 GR-L	Soil Phase	UPTON- ATOKA
Texture Modifier	NM666 GRAVELLY LOAM		
Observed Avg Annual Precipitation		Observed Avg Growing Season Precipitation	
NOAA Annual Precipitation	9.97	NOAA Growing Season Precipitation	7.85
NOAA Avg Annual Precipitation	13.34	NOAA Avg Growing Season Precipitation	11.07
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:	Influenced by drought conditions					
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:	Drought conditions					
H B	Litter Amount					X
Comments:						
B	Annual Production				X	
Comments:						
B	Invasive Plants			X		
Comments:						
B	Reproductive Capability of Perennial Plants				X	
Comments:	Limited by drought conditions					
S	Physical/Chemical/Biological Crusts			X		
Comments:						
B	Wildlife Habitat					X
Comments:						
B	Wildlife Populations					
Comments:	Unknown population levels					

B	Special Status Species Habitat					
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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	1	2	2	5
H	Hydrologic	0	1	1	4	5
B	Biotic	0	1	1	4	4

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		1	2	7
Hydrologic		1	1	9
Biotic		1	1	8

Site Notes: This location is heavily influenced by the amount and extent of the creosote population and the ongoing drought. Little new growth or green grass was noted.