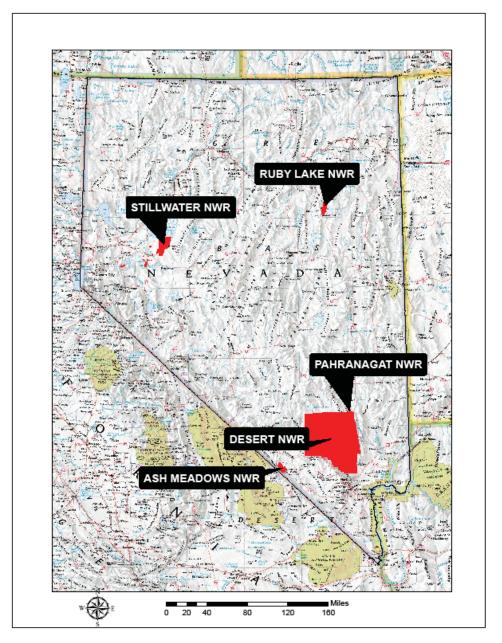
# The Trail Inventory of U.S. Fish and Wildlife Service Stations in Nevada



Prepared By: Federal Highway Administration Central Federal Lands Highway Division January & June 2007





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## **FWS Stations in Nevada with Trails**

Station Name	Trail Miles	Chapter
Ash Meadows NWR	0.70	2
Desert National Wildlife Range	0.42	3
Pahranagat NWR	1.83	4
Ruby Lake NWR	8.16	5
Stillwater NWR	0.16	6

# Nevada FWS Stations Trail Summaries

### **Trail Miles and Percentages by Surface Type and Condition**

					Milea	ge by Tr	ail Cond	lition					Total
Trail Surface	Exce	ellent	Go	od	Fa	air	Po	or	Very	Poor	Not R	lated*	Miles
Type	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIICS
Native	1.26	11%		0%		0%		0%		0%		0%	1.26
Gravel	0.13	1%		0%		0%		0%		0%		0%	0.13
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk	0.43	4%		0%		0%		0%		0%		0%	0.43
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%	9.45	84%	9.45
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	1.82	16%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	9.45	84%	11.27

#### Trail Miles and Percentages by Trail Classification and Condition

	Mileage by Trail Condition											Total	
Trail	Exce	ellent	Go	Good		air	Poor		Very Poor		Not Rated*		Miles
Classification	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIICS
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3	1.26	11%		0%		0%		0%		0%	7.96	71%	9.22
TC4	0.16	1%		0%		0%		0%		0%	1.49	13%	1.65
TC5	0.40	4%		0%		0%		0%		0%		0%	0.40
Totals	1.82	16%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	9.45	84%	11.27

<sup>\*</sup> Admin Roads are included in the inventory but are not rated for condition.

## The Trail Inventory of Ash Meadows National Wildlife Refuge Amargosa Valley, Nevada



Prepared By: Federal Highway Administration Central Federal Lands Highway Division January 2007





# Ash Meadows NWR Trail and Trail Feature Summaries

#### **Trail Miles and Percentages by Surface Type and Condition**

					Milea	age by T	rail Cond	dition					Total
Trail Surface	Exce	ellent	Go	od	Fa	air	Poor		Very	Poor	Not R	lated*	Miles
Туре	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIICS
Native	0.30	43%		0%		0%		0%		0%		0%	0.30
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk	0.40	57%		0%		0%		0%		0%		0%	0.40
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%		0%	0.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.70	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.70

### **Trail Miles and Percentages by Trail Classification and Condition**

Trail	Mileage by Trail Condition											Total	
Classificatio	Exc	ellent	Go	ood Fair		air	Poor		Very Poor		Not Rated*		Miles
n	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIICS
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3	0.30	43%		0%		0%		0%		0%		0%	0.30
TC4		0%		0%		0%		0%		0%		0%	0.00
TC5	0.40	57%		0%		0%		0%		0%		0%	0.40
Totals	0.70	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.70

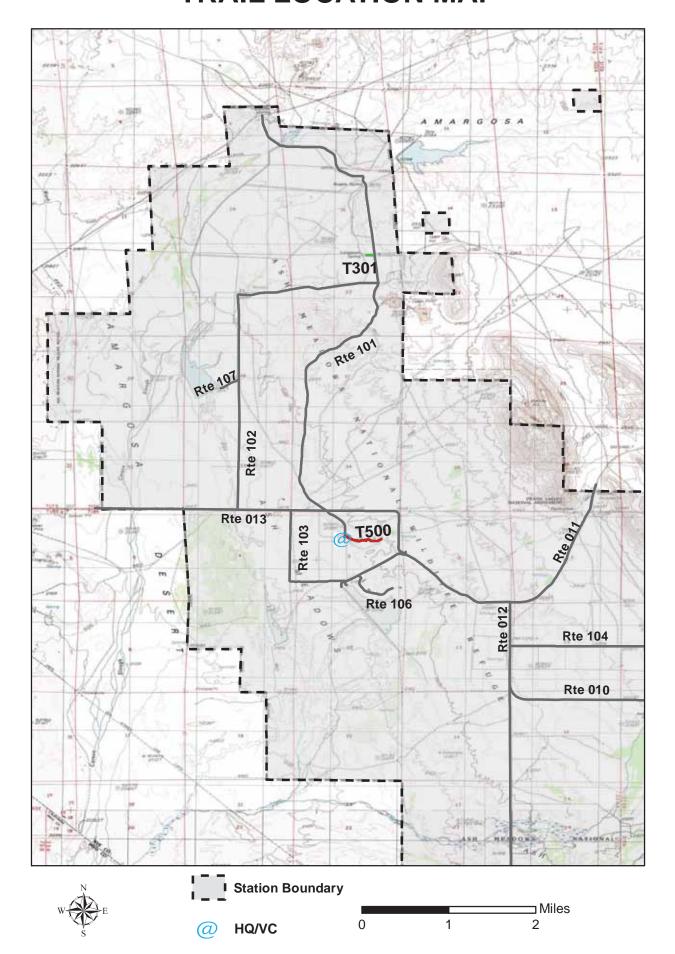
<sup>\*</sup> Admin Roads are included in the inventory but are not rated for condition.

**Trail Features** 

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T300	Sign	1	No	0.00	1201
T301	Sign	2	No	0.00	2064
T301	Gate	1	No	0.00	N/A
T301	Sign	1	No	0.06	2066
T500	Sign	1	No	0.00	1168
T500	Sign	1	No	0.02	1169
T500	Sign	1	No	0.11	1190
T500	Bench	1	No	0.17	N/A
T500	Sign	1	No	0.22	1187
T500	Sign	1	No	0.23	1187
T500	Bench	1	No	0.23	N/A
T500	Lookout/Ob Deck	1	No	0.23	N/A
T500	Bench	1	No	0.24	N/A
T500	Sign	1	No	0.24	1171
T500	Sign	1	No	0.36	1182
T500	Bench	1	No	0.36	N/A
T500	Lookout/Ob Deck	1	No	0.36	N/A
T500	Bench	1	No	0.37	N/A
T500	Sign	1	No	0.37	1180
T500	Sign	2	Yes	N/A	N/A

sf-square feet If-linear feet cf-cubic feet

# ASH MEADOWS NATIONAL WILDLIFE REFUGE TRAIL LOCATION MAP



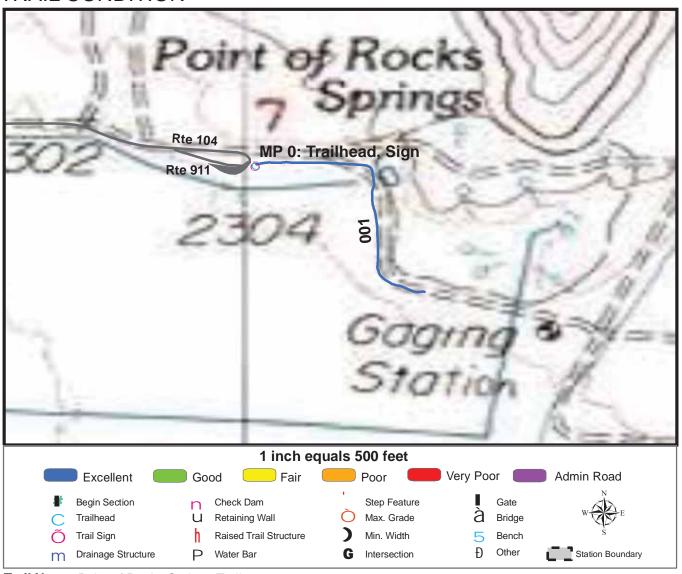
### **TRAILS ID**

Org. Code: 84554

**Station Name: Ash Meadows NWR** 

Trail #	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Point of Rocks Springs Trail	Native	N/A	0.24	From Point of Rocks Springs Parking (Rte 911) to end of trail
T301	Longstreet Spring Trail	Native	N/A	0.06	From Longstreet Spring Parking (Rte 903) to end of trail
T500	Crystal Springs Interpretive Trail	Boardwalk	10005178	0.4	From HQ/VC Parking (Rte 900) to end of trail at the Crystal Spring

#### TRAIL CONDITION



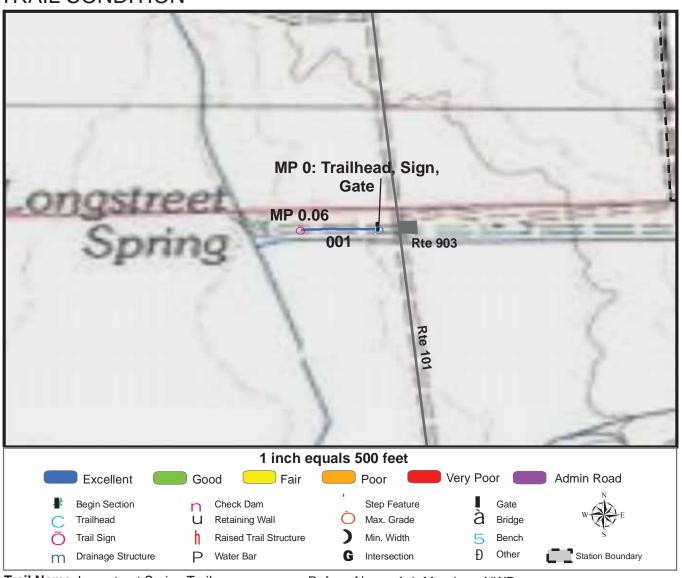
Trail Name: Point of Rocks Springs Trail Refuge Name: Ash Meadows NWR

Trail Number: T300 Region: 1 TOTAL LENGTH: 0.24 Miles Section Number 001 Section Length (miles) 0.24 **SAMMS Number** N/A Rating Date 1/19/2007 Trail Section Information Trail Class TC3 Surface Type Native Surface Firmness Soft Width (inches) 72 Average Grade (%) 3.3 Average X-slope (%) 2.3 Trail Condition Information **Deferred Maintenance** \$0 **CRV** \$40576 **FCI** 0 Condition Excellent

#### **Trail Condition TOTALS**

Deferred Maintenance	CRV	FCI	Condition
\$0	\$40576	0	Excellent

#### TRAIL CONDITION



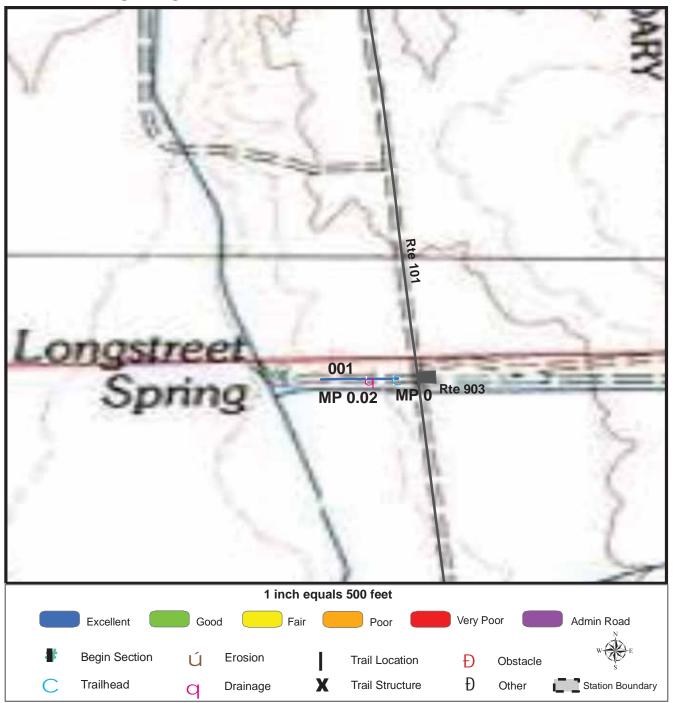
Trail Name: Longstreet Spring Trail Refuge Name: Ash Meadows NWR

Trail Number: T301 Region: 1 TOTAL LENGTH: 0.06 Miles Section Number 001 Section Length (miles) 0.06 SAMMS Number N/A Rating Date 1/19/2007 Trail Section Information Trail Class TC3 Surface Type Native Surface Firmness Hard Width (inches) 120 Average Grade (%) 3.2 Average X-slope (%) 2.1 Trail Condition Information **Deferred Maintenance** \$188 **CRV** \$19237 FCI 0.01 Condition Excellent

#### Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$188	\$19237	0.01	Excellent

## TRAIL DEFICIENCY

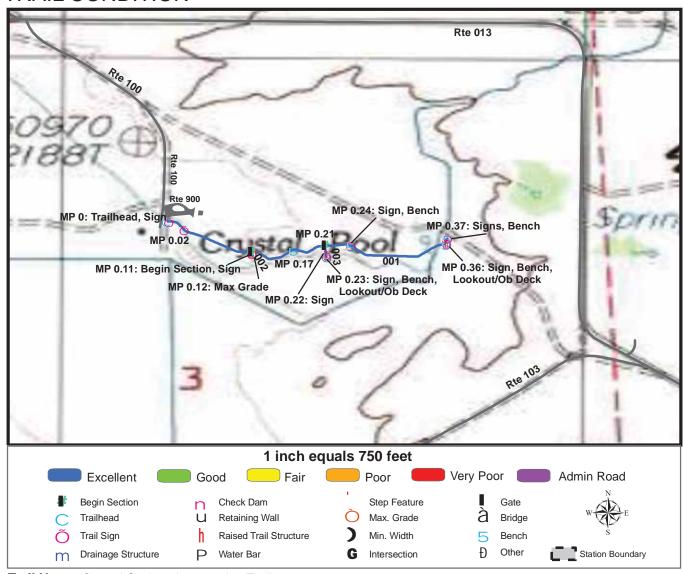


Trail Name: Longstreet Spring Trail Refuge Name: Ash Meadows NWR

Trail Number: T301 Region: 1 TOTAL LENGTH: 0.06 Miles

Mile Post	0.02		
Section Number	001		
Photo Number	2065		
Deficiency	Drainage		
Action	Repair		
Item	Tread -sf		
Quantity	50		
Deferred Maintenance	\$188		

#### TRAIL CONDITION



Trail Name: Crystal Springs Interpretive Trail Refuge Name: Ash Meadows NWR

Trail Number: T500 Region: 1 TOTAL LENGTH: 0.4 Miles Section Number 001 002 003 Section Length (miles) 0.37 0.01 0.02

SAMMS Number	10005178	10005178	10005178	
Rating Date	1/19/2007	1/19/2007	1/19/2007	
Trail Section Information				
Trail Class	TC5	TC5	TC5	
Surface Type	Boardwalk	Boardwalk	Boardwalk	
Surface Firmness	Hard	Hard	Hard	
Width (inches)	66	66	66	
Average Grade (%)	0.6	0.6	0.6	
Average X-slope (%)	0.7	0.7	0.7	
Trail Condition Information				

**Deferred Maintenance** \$0 \$0 \$0 **CRV** \$314094 \$7341 \$13671 **FCI** 0 Condition Excellent Excellent Excellent

#### **Trail Condition TOTALS**

Deferred Maintenance	CRV	FCI	Condition
\$0	\$335106	0	Excellent

TRAIL NUMBER: T300

STATION: Ash Meadows NWR

DATE: 1/19/2007



Photo # 1201 - MP 0.0 - Trailhead, Sign

TRAIL NUMBER: T301

STATION: Ash Meadows NWR



Photo # 2063 - MP 0.0 - Trailhead

TRAIL NUMBER: **T301** 

STATION: Ash Meadows NWR

DATE: 1/19/2007



Photo # 2064 - MP 0.0 - Sign

TRAIL NUMBER: T301

STATION: Ash Meadows NWR



Photo # 2065 - MP 0.02 - Drainage Deficiency

TRAIL NUMBER: T301

STATION: Ash Meadows NWR

DATE: 1/19/2007



Photo # 2066 - MP 0.06 - Sign

TRAIL NUMBER: **T500** 

STATION: Ash Meadows NWR



Photo # 1167 - MP 0.0 - Trailhead

TRAIL NUMBER: **T500** 

STATION: Ash Meadows NWR

DATE: 1/19/2007



Photo # 1168 - MP 0.0 - Sign

TRAIL NUMBER: **T500** 

STATION: Ash Meadows NWR



Photo # 1169 - MP 0.02 - Sign

TRAIL NUMBER: **T500** 

STATION: Ash Meadows NWR

DATE: 1/19/2007



Photo # 1189 - MP 0.11 - Begin Section 002

TRAIL NUMBER: **T500** 

STATION: Ash Meadows NWR

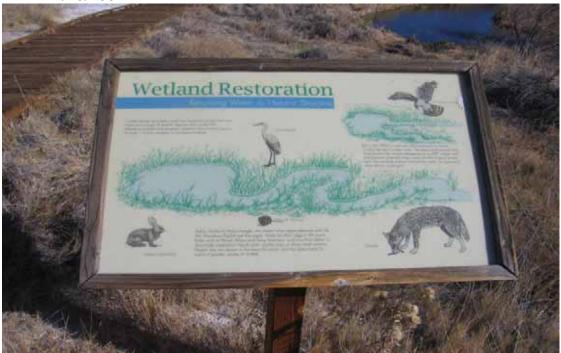


Photo # 1190 - MP 0.11 - Sign

TRAIL NUMBER: **T500** 

STATION: Ash Meadows NWR

DATE: 1/19/2007



Photo # 1185 - MP 0.21 - Begin Section 003

TRAIL NUMBER: **T500** 

STATION: Ash Meadows NWR

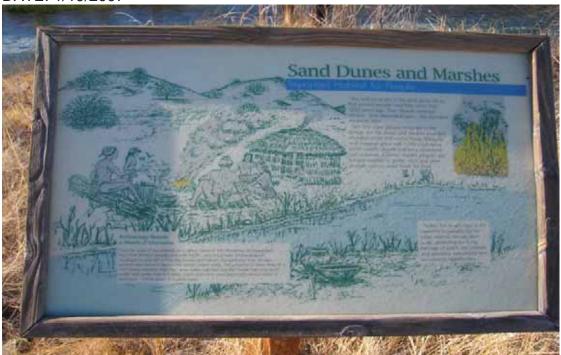


Photo # 1187 - MP 0.22 - Sign

TRAIL NUMBER: **T500** 

STATION: Ash Meadows NWR

DATE: 1/19/2007



Photo # 1171 - MP 0.24 - Sign

TRAIL NUMBER: **T500** 

STATION: Ash Meadows NWR



Photo # 1182 - MP 0.36 - Sign

TRAIL NUMBER: **T500** 

STATION: Ash Meadows NWR

DATE: 1/19/2007



Photo # 1180 - MP 0.37 - Sign

TRAIL NUMBER: **T500** 

STATION: Ash Meadows NWR



Photo # 1181 - MP 0.37 - Sign (Grouped Feature)

## The Trail Inventory of Desert National Wildlife Refuge Las Vegas, Nevada



Prepared By: Federal Highway Administration Central Federal Lands Highway Division January 2007





# Desert NWR Trail and Trail Feature Summaries

## **Trail Miles and Percentages by Surface Type and Condition**

					Milea	age by T	rail Cond	dition					Total
Trail Surface	Exce	ellent	Go	ood	Fa	air	Po	oor	Very	Poor	Not R	lated*	Miles
Туре	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIICS
Native	0.42	100%		0%		0%		0%		0%		0%	0.42
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk		0%		0%		0%		0%		0%		0%	0.00
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%		0%	0.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.42	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.42

### **Trail Miles and Percentages by Trail Classification and Condition**

Trail		Mileage by Trail Condition										Total	
Classificatio	Exce	ellent	Go	od	Fa	air	Po	oor	Very	Poor	Not R	ated*	Miles
n	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIICS
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3	0.42	100%		0%		0%		0%		0%		0%	0.42
TC4		0%		0%		0%		0%		0%		0%	0.00
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	0.42	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.42

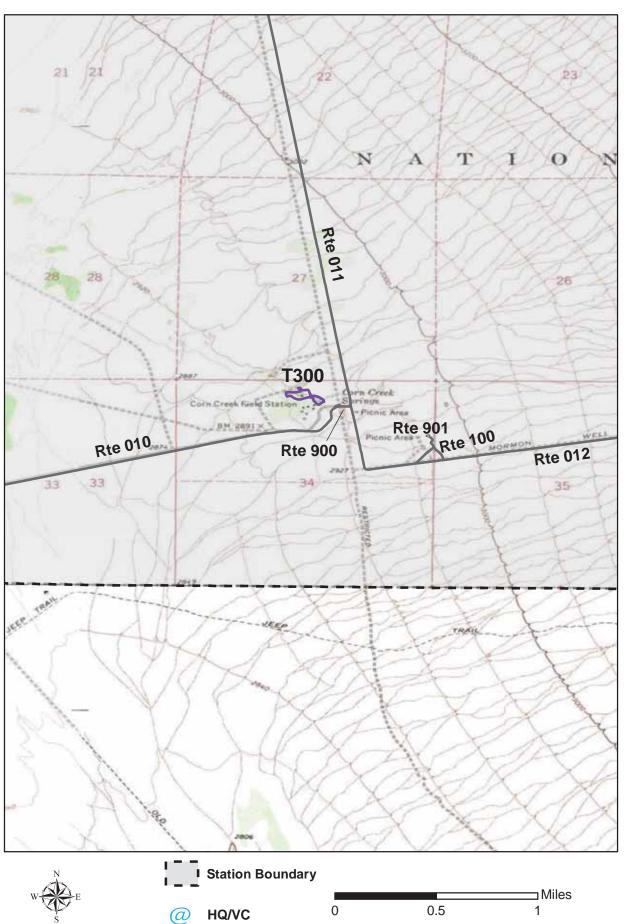
<sup>\*</sup> Admin Roads are included in the inventory but are not rated for condition.

#### **Trail Features**

Trail Number	Feature Type	Quantity	<b>Grouped Feature</b>	Milepost	Photo
T300	Sign	2	No	0.00	1951
T300	Bridge -sf	10	No	0.00	1952
T300	Sign	1	No	0.01	1953
T300	Step: Rock -each	2	No	0.09	N/A
T300	Step: Rock -each	1	No	0.11	N/A
T300	Other	1	No	0.17	N/A
T300	Sign	2	No	0.17	1954
T300	Bench	1	No	0.20	N/A
T300	Bench	1	No	0.22	N/A
T300	Sign	1	No	0.33	1955
T300	Sign	1	No	0.40	1957

sf-square feet If-linear feet cf-cubic feet

## **DESERT NATIONAL WILDLIFE REFUGE** TRAIL LOCATION MAP

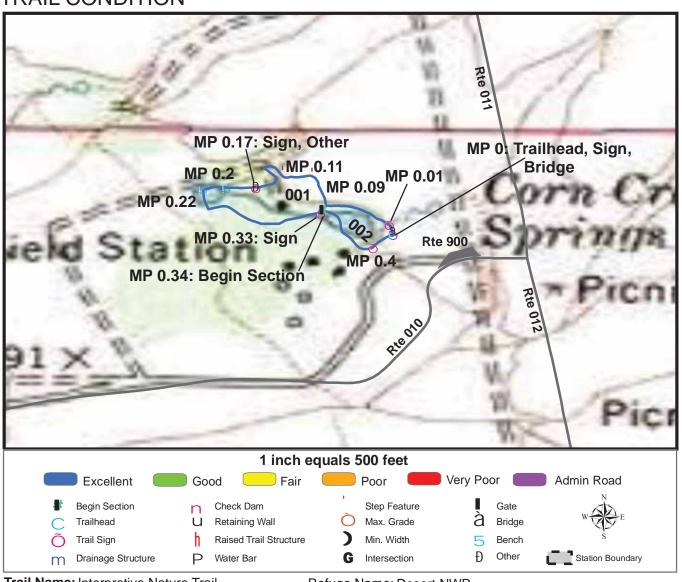


#### **TRAILS ID**

Station Name: Desert NWR Org. Code: 84555

Trail #	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Interpretive Nature Trail	Native	10005304	0.42	From Visitor Center Parking (Rte 900) to end of trail loop

### TRAIL CONDITION



**Trail Name:** Interpretive Nature Trail Refuge Name: Desert NWR

Trail Number: T300		Region: 1	TOTAL LENGTH: 0.42 Miles
Section Number	001	002	
Section Length (miles)	0.34	0.08	
SAMMS Number	10005304	10005304	
Rating Date	1/17/2007	1/17/2007	
Trail Section Information			
Trail Class	TC3	TC3	
Surface Type	Native	Native	
Surface Firmness	Hard	Hard	
Width (inches)	36	36	
Average Grade (%)	4.6	4.6	
Average X-slope (%)	3.8	3.8	
Trail Condition Information			
Deferred Maintenance	\$0	\$0	
CRV	\$28251	\$6400	
FCI	0	0	
Condition	Excellent	Excellent	

#### **Trail Condition TOTALS**

Deferred Maintenance	CRV	FCI	Condition
\$0	\$34651	0	Excellent

TRAIL NUMBER: **T300** STATION: Desert NWR

DATE: 1/17/2007



Photo # 1950 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300** STATION: Desert NWR



Photo # 1951 - MP 0.0 - Sign

TRAIL NUMBER: **T300** STATION: Desert NWR

DATE: 1/17/2007



Photo # 1952 - MP 0.0 - Bridge

TRAIL NUMBER: **T300** STATION: Desert NWR DATE: 1/17/2007



Photo # 1953 - MP 0.01 - Sign

TRAIL NUMBER: **T300** STATION: Desert NWR

DATE: 1/17/2007



Photo # 1954 - MP 0.17 - Sign

TRAIL NUMBER: **T300** STATION: Desert NWR



Photo # 1955 - MP 0.33 - Sign

TRAIL NUMBER: **T300** STATION: Desert NWR

DATE: 1/17/2007



Photo # 1956 - MP 0.34 - Begin Section 002

TRAIL NUMBER: **T300** STATION: Desert NWR DATE: 1/17/2007



Photo # 1957 - MP 0.4 - Sign

## The Trail Inventory of Pahranagat National Wildlife Refuge Alamo, Nevada





Prepared By: Federal Highway Administration Central Federal Lands Highway Division January 2007



# Pahranagat NWR Trail and Trail Feature Summaries

#### **Trail Miles and Percentages by Surface Type and Condition**

					Milea	age by T	rail Cond	dition					Total
Trail Surface	Exce	ellent	Go	od	Fa	air	Po	oor	Very	Poor	Not R	lated*	Miles
Type	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIICS
Native	0.34	19%		0%		0%		0%		0%		0%	0.34
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk		0%		0%		0%		0%		0%		0%	0.00
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%	1.49	81%	1.49
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.34	19%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1.49	81%	1.83

### **Trail Miles and Percentages by Trail Classification and Condition**

Trail					Mile	Mileage by Trail Condition									
Classificatio	Exce	ellent	Go	od	Fa	air	Po	oor	Very	Poor	Not R	lated*	Total Miles		
n	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIICS		
TC1		0%		0%		0%		0%		0%		0%	0.00		
TC2		0%		0%		0%		0%		0%		0%	0.00		
TC3	0.34	19%		0%		0%		0%		0%		0%	0.34		
TC4		0%		0%		0%		0%		0%	1.49	81%	1.49		
TC5		0%		0%		0%		0%		0%		0%	0.00		
Totals	0.34	19%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1.49	81%	1.83		

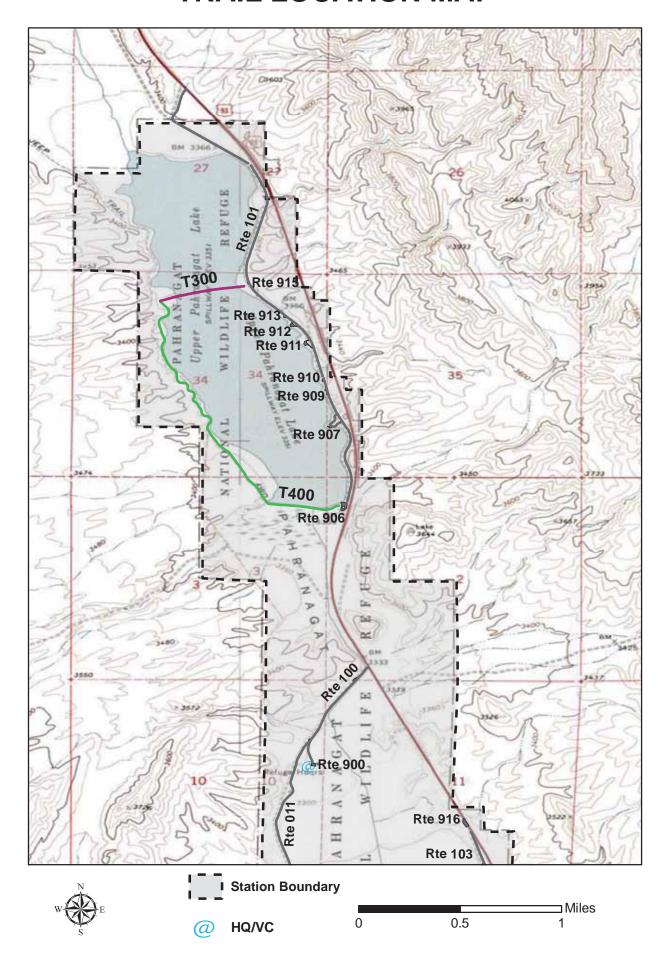
<sup>\*</sup> Admin Roads are included in the inventory but are not rated for condition.

**Trail Features** 

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T300	Sign	2	No	0.00	1108
T300	Sign	2	No	0.00	1109
T300	Sign	1	No	0.04	1107
T400	Gate	1	No	0.00	N/A
T400	Sign	1	No	0.00	1100
T400	Bench	1	No	0.10	N/A
T400	Lookout/Ob Deck	1	No	0.12	N/A
T400	Sign	3	No	0.32	1102
T400	Bench	1	No	0.95	N/A
T400	Bench	1	No	1.03	N/A
T400	Bench	1	No	1.20	N/A
T400	Sign	3	No	1.49	1103

sf-square feet If-linear feet cf-cubic feet

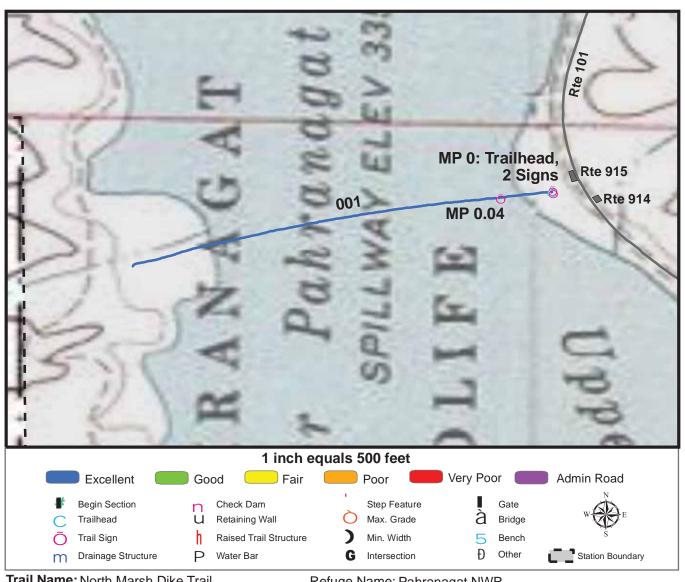
# PAHRANAGAT NATIONAL WILDLIFE REFUGE TRAIL LOCATION MAP



### **TRAILS ID**

Station Name: Pahranagat NWR Org. Code: 14551

Trail #	Trail Name	Surface Type	e SAMMS Trail Mileage		Trail Description (Begin and End point of trail)
T300	North Marsh Dike Trail	Native	10036941	0.34	From trailhead at parking lot (Rte 915) to the end of the Upper Lake Trail
T400	Upper Lake Trail	Admin Road	10036941	1.40	From Upper Lake Campground Parking (Rte 906) to the end of the North Dike Trail



Trail Name: North Marsh Dike Trail Refuge Name: Pahranagat NWR

Trail Number: T300

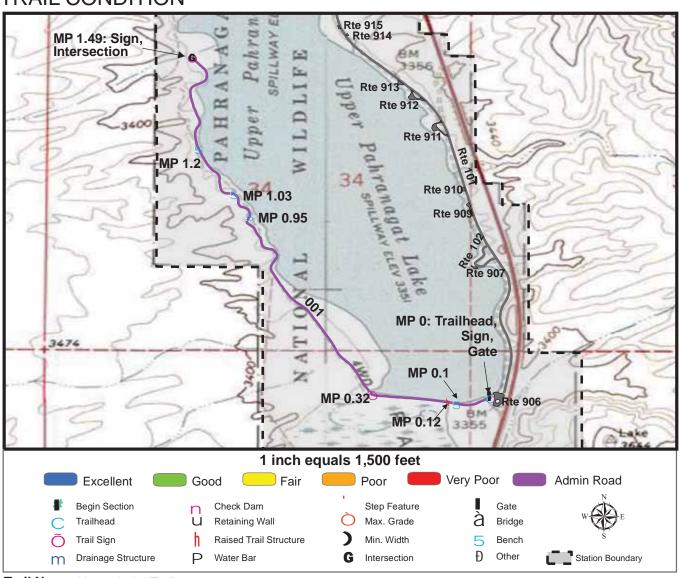
Condition

Trail Number: T300	Region: 1	TOTAL LENGTH: 0.34 Miles
Section Number	001	
Section Length (miles)	0.34	
SAMMS Number	10036941	
Rating Date	1/16/2007	
Trail Section Information		
Trail Class	TC3	
Surface Type	Gravel	
Surface Firmness	Firm	
Width (inches)	80	
Average Grade (%)	3.7	
Average X-slope (%)	2.5	
Trail Condition Information		
Deferred Maintenance	\$0	
CRV	\$59350	
FCI	0	

#### **Trail Condition TOTALS**

Excellent

Deferred Maintenance	CRV	FCI	Condition
\$0	\$59350	0	Excellent



Trail Name: Upper Lake Trail Refuge Name: Pahranagat NWR

Trail Number: T400	Re	egion: 2	- T(	OTAL LENG	TH: 1.49 Miles
Section Number	001				
Section Length (miles)	1.49				
SAMMS Number	10036941				
Rating Date	1/16/2007				
Trail Section Information					
Trail Class	TC4				
Surface Type	Admin Road				
Surface Firmness	Firm				
Width (inches)	70				
Average Grade (%)	0				
Average X-slope (%)	0				
Trail Condition Information					
Deferred Maintenance	\$0				
CRV	\$0				
FCI	0				
Condition	Not Rated				

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated

TRAIL NUMBER: **T300** STATION: Pahranagat NWR

DATE: 1/16/2007



Photo # 1110 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300** STATION: Pahranagat NWR



Photo # 1108 - MP 0.0 - Sign

TRAIL NUMBER: **T300** STATION: Pahranagat NWR

DATE: 1/16/2007



Photo # 1109 - MP 0.0 - Sign

TRAIL NUMBER: **T300** STATION: Pahranagat NWR



Photo # 1107 - MP 0.04 - Sign

TRAIL NUMBER: **T400** STATION: Pahranagat NWR

DATE: 1/16/2007



Photo # 1100 - MP 0.0 - Trailhead, Sign

TRAIL NUMBER: **T400** STATION: Pahranagat NWR



Photo # 1102 - MP 0.32 - Sign

TRAIL NUMBER: **T400** STATION: Pahranagat NWR



Photo # 1103 - MP 1.49 - Sign

# The Trail Inventory of Ruby Lake National Wildlife Refuge Ruby Valley, NV



Prepared By: Federal Highway Administration Central Federal Lands Highway Division June 2007





# Ruby Lake NWR Trail and Trail Feature Summaries

## **Trail Miles and Percentages by Surface Type and Condition**

		Mileage by Trail Condition								Total			
Trail Surface	Exce	llent	Go	od	Fa	air	Po	oor	Very	Poor	Not R	ated*	Total Miles
Туре	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	Willioo
Native	0.20	2%		0%		0%		0%		0%		0%	0.20
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk		0%		0%		0%		0%		0%		0%	0.00
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%	7.96	98%	7.96
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.20	2%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	7.96	98%	8.16

## **Trail Miles and Percentages by Trail Classification and Condition**

		Mileage by Trail Condition								Total			
Trail	Exce	llent	Go	od	Fa	air	Po	oor	Very	Poor	Not R	ated*	Miles
Classification	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIIOO
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3	0.20	2%		0%		0%		0%		0%	7.96	98%	8.16
TC4		0%		0%		0%		0%		0%		0%	0.00
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	0.20	2%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	7.96	98%	8.16

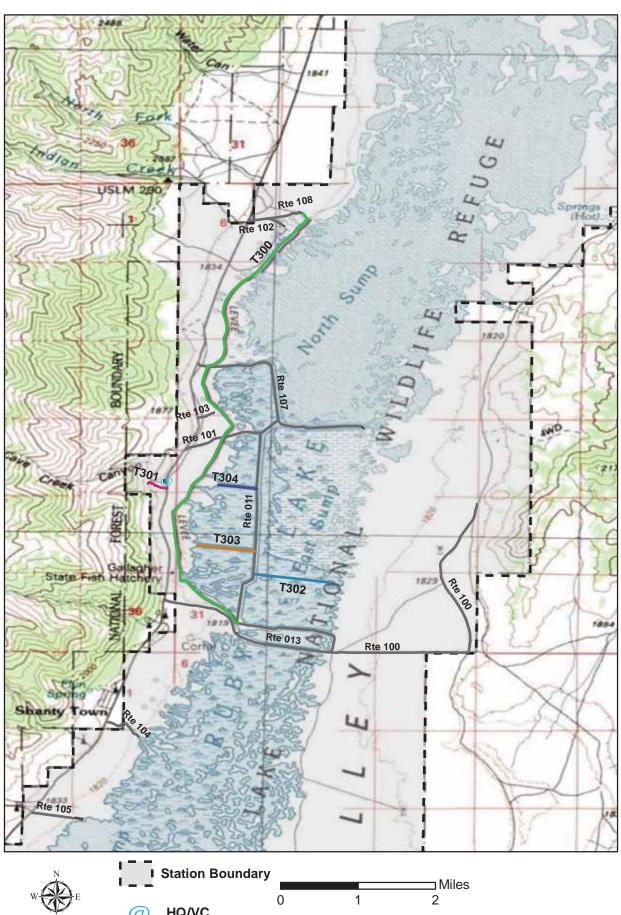
<sup>\*</sup> Admin Roads are included in the inventory but are not rated for condition.

#### **Trail Features**

Trail Number	Feature Type	Quantity	<b>Grouped Feature</b>	Milepost	Photo
T300	Sign	3	Yes	0.00	3
T300	Gate	1	No	2.38	N/A
T300	Water Control Struc	1	No	2.40	N/A
T300	Gate	1	No	2.40	N/A
T300	Gate	1	No	3.40	N/A
T300	Gate	1	No	3.47	N/A
T300	Water Control Struc	1	No	4.50	N/A
T300	Water Control Struc	1	No	5.05	N/A
T301	Sign	3	No	0.00	5
T301	Crib: Log -cf	140	No	0.15	N/A
T302	Sign	1	No	0.00	11
T302	Gate	1	No	0.00	N/A
T302	Water Control Struc	1	No	0.01	N/A
T303	Gate	1	No	0.01	N/A
T303	Sign	1	No	0.01	13
T303	Water Control Struc	1	No	0.01	N/A
T304	Water Control Struc	1	No	0.00	N/A
T304	Sign	1	No	0.00	15
T304	Gate	1	No	0.01	N/A

sf-square feet If-linear feet cf-cubic feet

# **RUBY LAKE NATIONAL WILDLIFE REFUGE** TRAIL LOCATION MAP



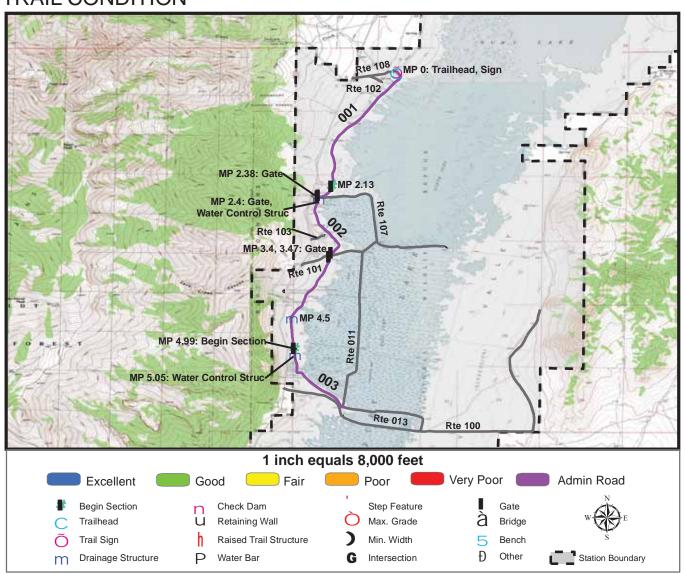


## **TRAILS ID**

## **Station Name: Ruby Lake NWR**

Trail #	Trail Name	Surface Type(s)	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Collection Ditch Trail	Admin Road	10057351	6.22	From North Collection Ditch Access Parking (Rte 913) to Brown Dike Road (Rte 013).
T301	Cave Creek Trail	Admin Road, Native	oad, 10057349 0.23 From County Road 788 to end		From County Road 788 to end of trail.
T302	East Marsh Trail	Admin Road	10057395	0.74	From Long Dike Road (Rte 011) to end of trail at closed area.
T303	South West Marsh Trail	Admin Road	N/A	0.58	From Long Dike Road (Rte 011) to end of trail at closed area.
T304	North West Marsh Trail	Admin Road	N/A	0.39	From Long Dike Road (Rte 011) to end of trail at closed area.

Org. Code: 84570

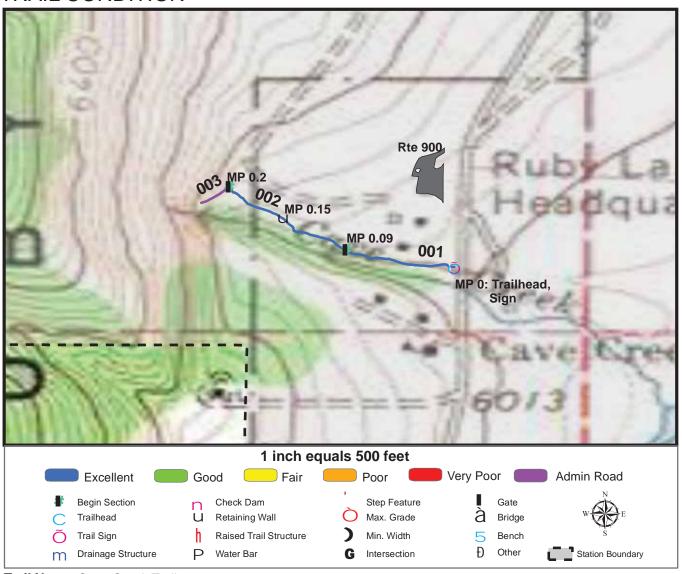


**Trail Name:** Collection Ditch Trail Refuge Name: Ruby Lake NWR

Trail Number: T300 Region: 8 TOTAL LENGTH: 6.22 Miles

		- 3		TOTAL LENG	
Section Number	001	002	003		
Section Length (miles)	2.13	2.9	1.19		
SAMMS Number	10057351	10057351	10057351		
Rating Date	6/13/2007	6/13/2007	6/13/2007		
Trail Section Information					
Trail Class	TC3	TC3	TC3		
Surface Type	Admin Road	Admin Road	Admin Road		
Surface Firmness	Firm	Firm	Firm		
Width (inches)	84	84	84		
Average Grade (%)	2.2	2.2	2.2		
Average X-slope (%)	2.2	2.2	2.2		
Trail Condition Information					
Deferred Maintenance	\$0	\$0	\$0		
CRV	\$0	\$0	\$0		
FCI	0	0	0		
Condition	Not Rated	Not Rated	Not Rated		

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated



Trail Name: Cave Creek Trail Refuge Name: Ruby Lake NWR

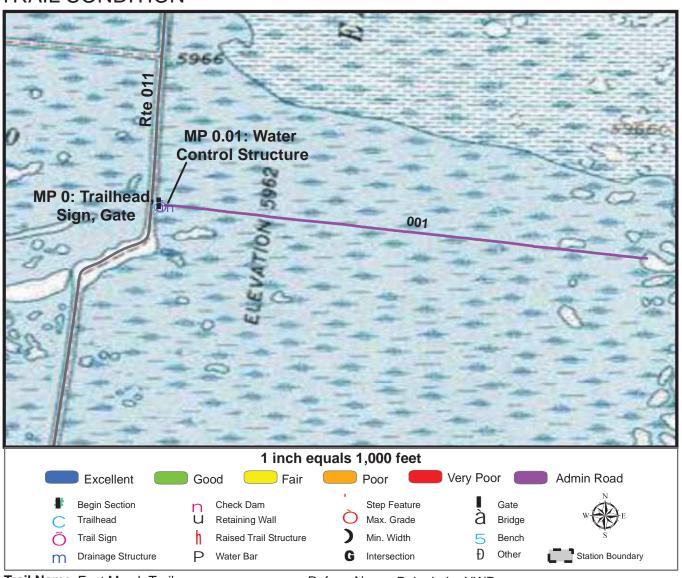
 Trail Number: T301
 Region: 8
 TOTAL LENGTH: 0.23 Miles

 Section Number
 001
 002
 003

 Section Length (miles)
 0.09
 0.11
 0.03

Section Length (miles)	0.09	0.11	0.03	
SAMMS Number	10057349	10057349	10057349	
Rating Date	6/13/2007	6/13/2007	6/13/2007	
Trail Section Information				
Trail Class	TC3	TC3	TC3	
Surface Type	Native	Native	Admin Road	
Surface Firmness	Soft	Soft	Soft	
Width (inches)	96	24	24	
Average Grade (%)	5.6	5.6	5.6	
Average X-slope (%)	5.4	5.4	5.4	
Trail Condition Information				
Deferred Maintenance	\$0	\$0	\$0	
CRV	\$16308	\$9034	\$0	
FCI	0	0	0	
Condition	Excellent	Excellent	Not Rated	

Deferred Maintenance	CRV	FCI	Condition
\$0	\$25342	0	Excellent

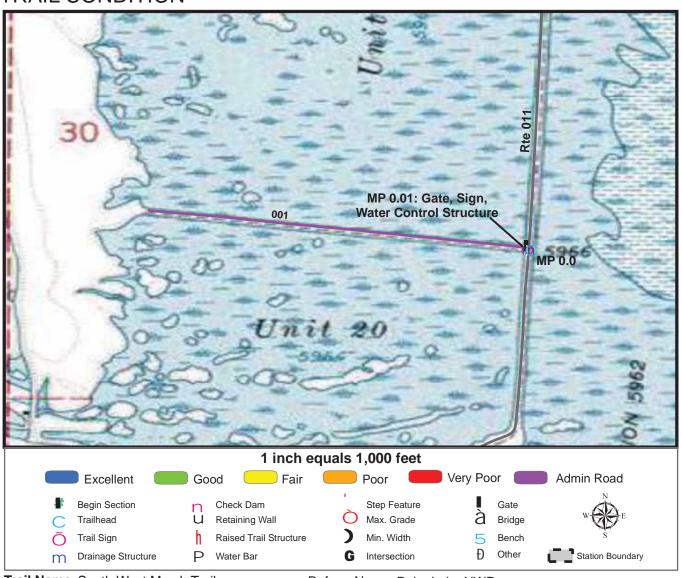


**Trail Name:** East Marsh Trail Refuge Name: Ruby Lake NWR

Trail Number: T302 Region: 8 TOTAL LENGTH: 0.74 Miles

		_	IOINE EERO	7 1 1 1 O.7 4 IVIIIOO
Section Number	001			
Section Length (miles)	0.74			
SAMMS Number	10057395			
Rating Date	6/13/2007			
Trail Section Information				
Trail Class	TC3			
Surface Type	Admin Road			
Surface Firmness	Hard			
Width (inches)	72			
Average Grade (%)	1.2			
Average X-slope (%)	1.6			
Trail Condition Information				
Deferred Maintenance	\$0			
CRV	\$0			
FCI	0			
Condition	Excellent			

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Excellent

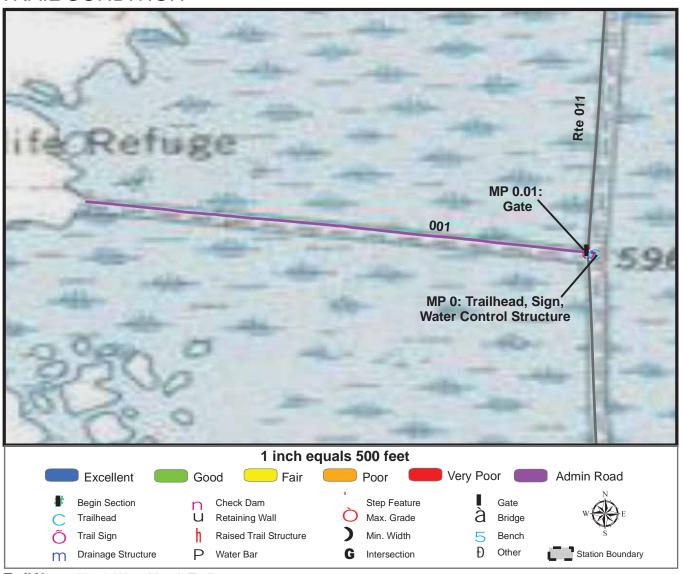


Trail Name: South West Marsh Trail Refuge Name: Ruby Lake NWR

Trail Number: T303 Region: 8 TOTAL LENGTH: 0.58 Miles

		-	IOI/IL LLITE	7 1 1 1 0.00 IVIIICO
Section Number	001			
Section Length (miles)	0.58			
SAMMS Number				
Rating Date	6/13/2007			
Trail Section Information				
Trail Class	TC3			
Surface Type	Admin Road			
Surface Firmness	Hard			
Width (inches)	72			
Average Grade (%)	0.3			
Average X-slope (%)	0.6			
Trail Condition Information				
Deferred Maintenance	\$0			
CRV	\$0			
FCI	0			
Condition	Excellent			

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Excellent



Trail Name: North West Marsh Trail Refuge Name: Ruby Lake NWR

Trail Number: T304 Region: 8 TOTAL LENGTH: 0.39 Miles

		5	TOTAL LLING	, i i i. 0.33 iville3
Section Number	001			
Section Length (miles)	0.39			
SAMMS Number				
Rating Date	6/13/2007			
Trail Section Information				
Trail Class	TC3			
Surface Type	Admin Road			
Surface Firmness	Hard			
Width (inches)	72			
Average Grade (%)	1.6			
Average X-slope (%)	2.9			
Trail Condition Information				
Deferred Maintenance	\$0			
CRV	\$0			
FCI	0			
Condition	Excellent			

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Excellent

TRAIL NUMBER: **T300** STATION: Ruby Lake NWR

DATE: 6/13/2007



Photo # 2 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300** STATION: Ruby Lake NWR



Photo # 3 - MP 0.0 - Sign (Grouped Feature)

TRAIL NUMBER: **T300** STATION: Ruby Lake NWR

DATE: 6/13/2007



Photo #4 - MP 4.99 - Begin Section 003

TRAIL NUMBER: **T301** STATION: Ruby Lake NWR



Photo # 6 - MP 0.0 - Trailhead

TRAIL NUMBER: **T301** STATION: Ruby Lake NWR

DATE: 6/13/2007



Photo # 5 - MP 0.0 - Sign

TRAIL NUMBER: **T301** STATION: Ruby Lake NWR



Photo #7 - MP 0.09 - Begin Section 002

TRAIL NUMBER: **T301** STATION: Ruby Lake NWR

DATE: 6/13/2007



Photo #8 - MP 0.2 - Begin Section 003

TRAIL NUMBER: **T302** STATION: Ruby Lake NWR



Photo # 10 - MP 0.0 - Trailhead

TRAIL NUMBER: **T302** STATION: Ruby Lake NWR

DATE: 6/13/2007



Photo # 11 - MP 0.0 - Sign

TRAIL NUMBER: **T303** STATION: Ruby Lake NWR



Photo # 12 - MP 0.0 - Trailhead

TRAIL NUMBER: **T303** STATION: Ruby Lake NWR

DATE: 6/13/2007



Photo # 13 - MP 0.01 - Sign

TRAIL NUMBER: **T304** STATION: Ruby Lake NWR



Photo # 14 - MP 0.0 - Trailhead

TRAIL NUMBER: **T304** STATION: Ruby Lake NWR DATE: 6/13/2007



Photo # 15 - MP 0.0 - Sign

# The Trail Inventory of Stillwater National Wildlife Refuge Fallon, Nevada



Prepared By: Federal Highway Administration Central Federal Lands Highway Division June 2007





# Stillwater NWR Trail and Trail Feature Summaries

## **Trail Miles and Percentages by Surface Type and Condition**

		Mileage by Trail Condition								Total			
Trail Surface	Exce	ellent	Go	od	Fa	air	Po	oor	Very	Poor	Not R	ated*	Total Miles
Type	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native		0%		0%		0%		0%		0%		0%	0.00
Gravel	0.13	81%		0%		0%		0%		0%		0%	0.13
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk	0.03	19%		0%		0%		0%		0%		0%	0.03
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%		0%	0.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.16	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.16

## **Trail Miles and Percentages by Trail Classification and Condition**

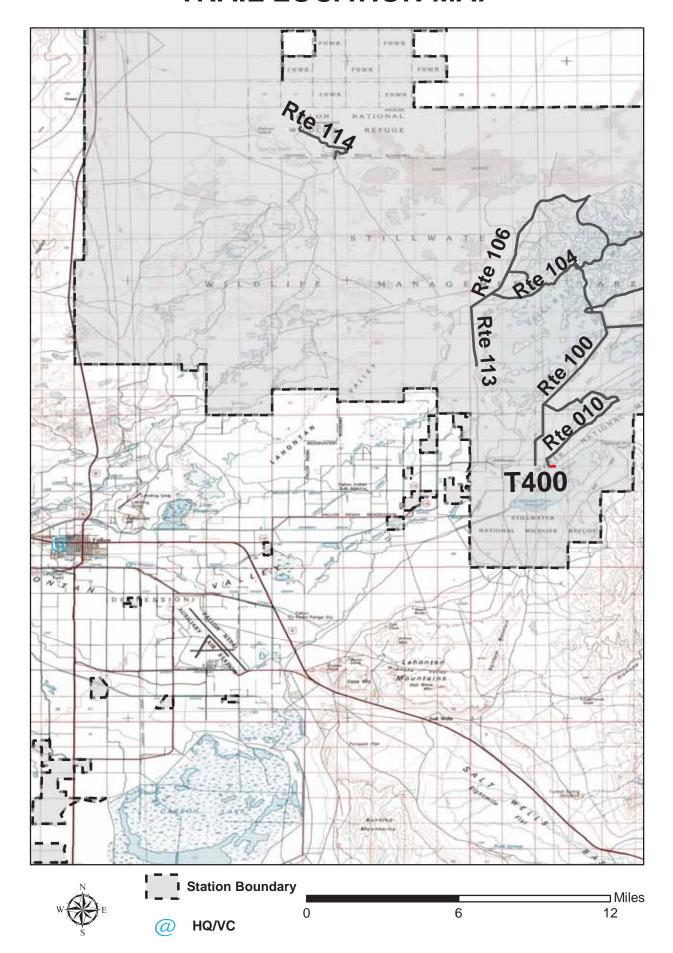
		Mileage by Trail Condition									Total		
Trail	Exce	ellent	Go	od	Fa	air	Po	oor	Very	Poor	Not R	ated*	Miles
Classification	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	Willioo
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3		0%		0%		0%		0%		0%		0%	0.00
TC4	0.16	100%		0%		0%		0%		0%		0%	0.16
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	0.16	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.16

<sup>\*</sup> Admin Roads are included in the inventory but are not rated for condition.

#### **Trail Features**

Trail Number	Feature Type	Quantity	<b>Grouped Feature</b>	Milepost	Photo
		N/A			
sf-square feet If-linear feet cf-cubic feet					

# STILLWATER NWR TRAIL LOCATION MAP

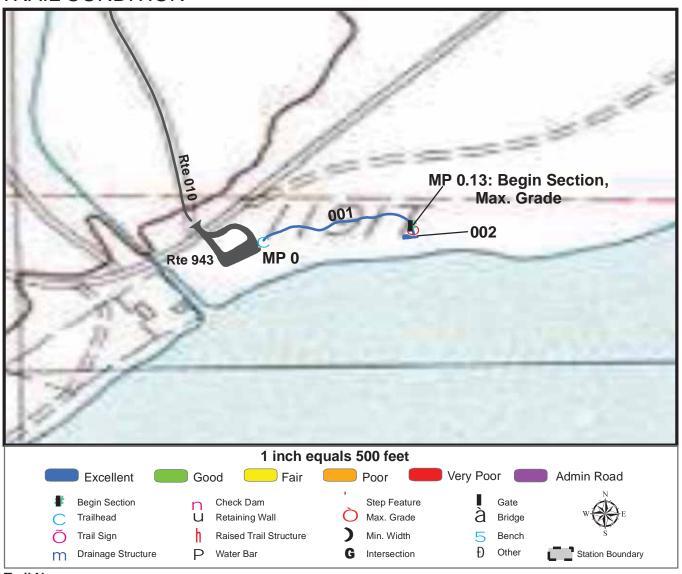


## **TRAILS ID**

Org. Code: 84590

Station Name: Stillwater NWR

Trail #	Trail Name	Surface Type(s)	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T400	Stillwater Point Reservoir Interperative Trail	Gravel, Boardwalk	10054385	0.16	From Still Point Parking Area (Rte 943) to observation deck



Trail Name: Stillwater Point Reservoir Interperative Trail Refuge Name: Stillwater NWR

Trail Number: T400		Region: 8	TOTAL LENGTH: 0.16 Miles
Section Number	001	002	
Section Length (miles)	0.13	0.03	
SAMMS Number	10054385	10054385	
Rating Date	6/20/2007	6/20/2007	
Trail Section Information			
Trail Class	TC4	TC4	
Surface Type	Gravel	Boardwalk	
Surface Firmness	Firm	Paved	
Width (inches)	96	64	
Average Grade (%)	1.7	1.7	
Average X-slope (%)	1.5	1.5	
Trail Condition Information			
Deferred Maintenance	\$0	\$0	
CRV	\$32502	\$24549	
FCI	0	0	
Condition	Excellent	Excellent	

Deferred Maintenance	CRV	FCI	Condition
\$0	\$57051	0	Excellent

TRAIL NUMBER: **T400** STATION: Stillwater NWR

DATE: 6/20/2007



Photo # 2 - MP 0.0 - Trailhead

TRAIL NUMBER: **T400** STATION: Stillwater NWR



Photo #3 - MP 0.13 - Begin Section 002

#### **APPENDIX**

#### **Glossary of Terms and Abbreviations**

**Acc Info** Accessibility information available at trailhead.

**Action** Action required to correct deficiency.

Admin Road Administration Road. Admin Roads signed and

advertised as trails are included in the trail inventory but

a condition assessment is NOT done.

Alt SAMMS Asset number of Alternate Facility Type.

Alt Type Alternate Facility Type. Trail lies on a feature such as a

levee, dam, administrative road or bridge, which has a

separate SAMMS number.

**AvgGrade** The average grade of the trail (%). The average of five

measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.

**AvgSlope** The average cross-slope of the trail (%). The average of

five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.

**Check Dam** A small dam constructed across a drainage ditch, swale,

or channel to lower the speed of concentrated flows.

**Condition** Subjective rating of trail based on Facility Condition

Index (FCI):

FCI </= - .01 = Excellent FCI .011 - .05 = Good FCI .051 - .10 = Fair FCI .11 - .20 = Poor

FCI > -.20 = Very Poor

Crib Wall Retaining wall.

Current

**Replacement Value** 

(CRV)

The value of an asset determined by the estimated cost of

replacing it.

**Def** type Deficiency Type: Trail Structure, Drainage, Erosion,

Obstacle, Trail Location, Other.

**Deferred** 

**Maintenance (DM)** 

Maintenance that was not performed when scheduled.

**Elem ID** Unique identifier for each trail section: Org Code-Trail

Number-Section Number.

**Facility** 

**Condition Index (FCI)** 

DM/CRV

**Grouped Features** Grouped features include non-unique signs (mileposts,

interpretive signs, species identification, etc.), water bars, check dams, steps, drain and drainage dips. For any given grouped feature, a GPS point and photo are taken for the first occurrence only and the total number of features in the group are entered into the "quantity" field of the data dictionary. CRV for grouped features are included in whatever trail section the GPS point was

taken.

**Info Type** Type of accessibility information available at trailhead:

brochure, sign or other.

Item on which the "Action" (see above) will be

performed.

Manage\_Use Managed use of the trail: HIKE, BIKE, NSPC (non-

specified), PACK, POR (portage), SNOWSHOE, XSKI

(cross-country ski), OTHER.

Max Grade Maximum grade (in percent) of trail. Only collected for

Trail Classes 4 and 5 and when > 10%.

Min Width Minimum Width (inches) of trail. Only collected for

Trail Classes 4 and 5.

**MP** (**Milepost**) Distance, in miles, of a trail feature or deficiency from

the Trailhead.

**Puncheon** Log footbridge used in area of poor drainage.

**Raised Trail** 

Structure

Boardwalk, Turnpike, Puncheon.

SAMMS No Asset Number

Station Boundary Approved Acquisition Boundary files downloaded from

FWS website in March 2007.

T Class Trail Class: TC1-5 (see Trail Classification System for

descriptions).

**Tr Desig** Trail Designation: Standard (Std), National Historic Trail

(NHT), National Recreation Trail (NRT), National

Scenic Trail (NST).

**Trail No**Trails are numbered based on Trail Class at the trailhead.

TC 1 = T100 series, TC2 = T200 series, etc.

**Turnpike** Trail tread elevated with dirt, rock or other aggregate

from parallel side ditches and held in place by logs.

# National Trail Data Standards USI









# **Trail Classification**

Trail Attributes	Trail Class 1 Minimal/Undeveloped Trail	Trail Class 2 Simple/Minor Development Trail	Trail Class 3  Developed/Improved  Trail	Trail Class 4 Highly Developed Trail	Trail Class 5 Fully Developed Trail
	Physi		eral Criteria oplied to All National Forest S	Sytem Trails	
Tread & Traffic Flow	Tread intermittent and often indistinct  May require route finding  Native materials only	Tread discernible and continuous, but narrow and rough Few or no allowances constructed for passing Native materials	Tread obvious and continuous  Width accommodates unhindered one-lane travel (occasional allowances constructed for passing)  Typically native materials	Tread wide and reltively smooth with few irregularities  Width may consistently accommodate two-lane travel  Native or imported materials  May be hardened	*Width generally accommodates two-lane and two-directional travel, or provides frequent passing turnouts     *Commonly hardened with asphalt or other imported material
Obstacles	Obstacles common Narrow passages; brush, steep grades, rocks and logs present	Obstacles     occasionally present     Blockages cleared to     define route and     protect resources     Vegetation may     encroach into     trailway	Obstacles infrequent     Vegetation cleared     outside of trailway	Few or no obstacles exist     Grades typically <12%     Vegetation cleared outside of trailway	No obstacles     Grades typically     <8%
Constructed Features & Trail Elements	Minimal to non- existent     Drainage is functional     No constructed bridges or foot crossings	Structures are of limited size, scale, and number     Drainage functional     Structures adequate to protect trail infrastructure and resources     Primitive foot crossings and fords	Trail structures (walls, steps, drainage, raised trail) may be common and substantial Trail bridges as needed for resource protection and appropriate access Generally native materials used in Wilderness	Structures frequent and substantial     Substantial trail bridges are appropriate at water crossings     Trailside amenities may be present	Structures frequent or continuous; may include curbs, handrails, trailside amenities, and boardwalks     Drainage structures frequent; may include culverts and road-like designs
Signs	Minimum required     Generally limited to regulation and resource protection     No destination signs present	Minimum required for basic direction     Generally limited to regulation and resource protection     Typically very few or no destination signs present	Regulation, resource protection, user reassurance     Directional signs at junctions, or when confusion is likely     Destination signs typically present     Informational and interpretive signs may be present outside of Wilderness	*Wide variety of signs likely present     *Informational signs likely (outside of Wilderness)     *Interpretive signs possible (outside of Wilderness)     *Trail Universal Access information likely displayed at trailhead	*Wide variety of signage is present     Information and interpretive signs likely     *Trail Universal Access information is typically displayed at trailhead     *
Typical Recreation Environs & Experience <sup>2</sup>	Natural, unmodified     ROS: Often Primitive setting, but may occur in other ROS settings     WROS: Primitive	Natural, essentially unmodified     ROS: Typically Semi-Primitive setting     WROS: Primitive to Semi-Primitive	Natural, primarily unmodified     ROS: Typically Semi- Primitive to Roaded Natural setting     WROS: Semi-Primitive to Transition	May be modified     ROS: Typically     Roaded Natural to     Rural setting     WROS: Transition     (rarely present in     Wilderness)	Can be highly modified ROS: Typically Rural to Urban setting Commonly associated with Visitor Centers or high-use recreation sites Not present in Wilderness

Note: Trail Class descriptions define "typical" attributes, and exceptions may occur for any attribute.