

The Trail Inventory of Des Lacs NWR Kenmare, ND



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Federal Highway Administration
Central Federal Lands Highway Division
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Des Lacs NWR

Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

Trail Surface Type	Excellent		Total
	Miles	%	Miles
Gravel	0.22	100%	0.22
Mowed	0.72	100%	0.72
Total	0.94	100%	0.94

Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Excellent		Total
	Miles	%	Miles
TC2	0.72	100%	0.72
TC4	0.22	100%	0.22
Total	0.94	100%	0.94

*Admin Roads are included in the inventory but are not rated for condition.

Trail Features

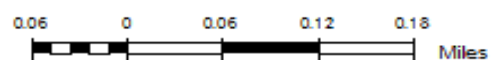
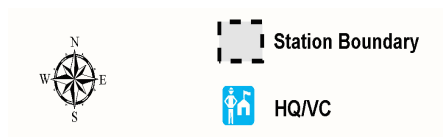
Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T400	Trailhead	1	No	0.00	DESL_C2_015 4
T400	Sign	1	No	0.00	DESL_C2_015 5
T400	Bench	1	No	0.01	
T400	Sign	18	Yes	0.11	DESL_C2_015 8
T400	Begin Section	1	No	0.11	DESL_C2_015 8
T400	Begin Section	1	No	0.18	DESL_C2_015 9
T400	Water Bar:Rock -each	1	No	0.22	
T400	Bench	1	No	0.22	
T400	Bench	1	No	0.27	
T400	Begin Section	1	No	0.47	DESL_C2_016 3
T400	Bench	1	No	0.50	

sf - square feet

lf - linear feet

cf - cubic feet

Des Lacs NWR Trail Location Map



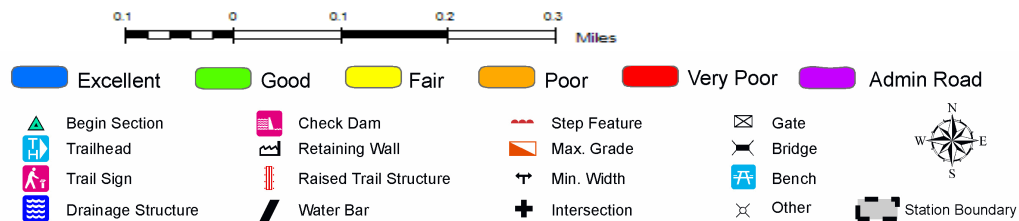
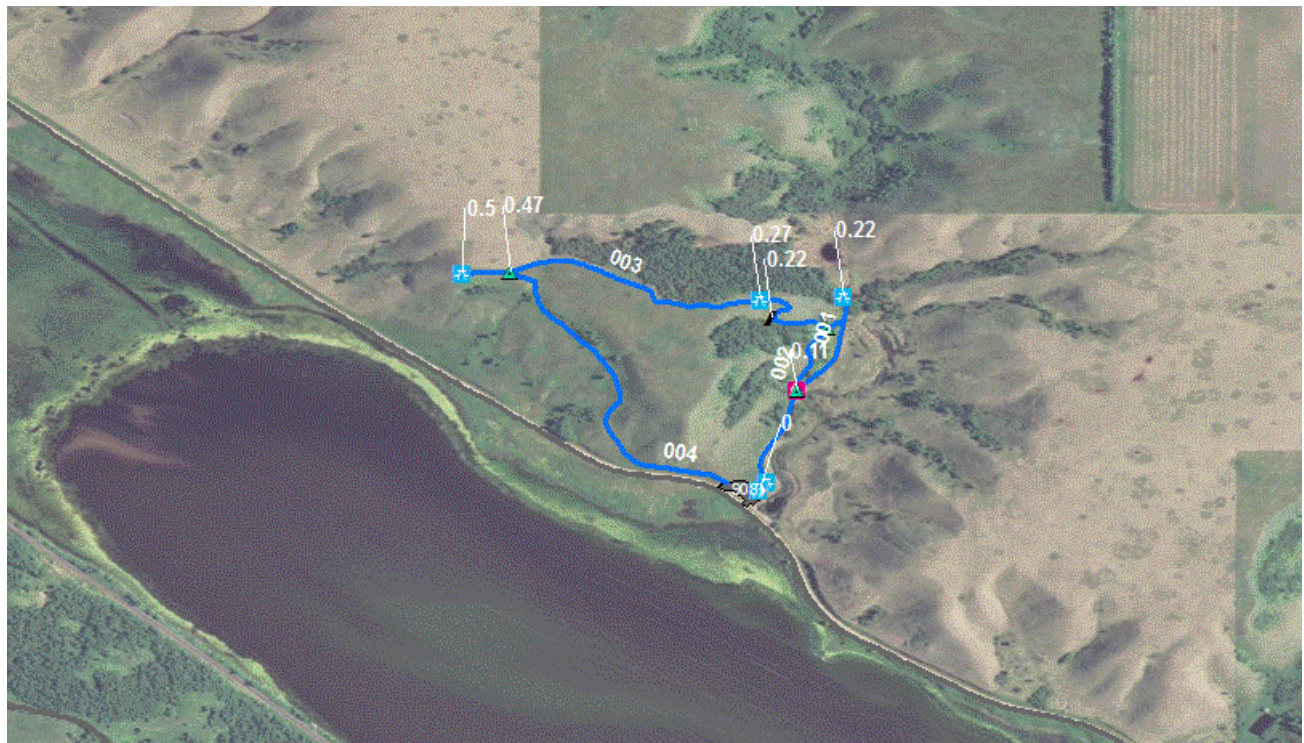
Trails ID

Station Name: Des Lacs NWR

Org Code: 62570

Trail Number	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T400	Munch's Coulee Hiking Trail	Gravel	10028374	0.22	From Lower lake Road Parking II (Rte 908) to end of trail loop at Lower lake Road Parking II (Rte 908)
T400	Munch's Coulee Hiking Trail	Mowed	10028374	0.72	From Lower lake Road Parking II (Rte 908) to end of trail loop at Lower lake Road Parking II (Rte 908)

TRAIL CONDITION



Trail Name: Munch's Coulee Hiking Trail
Trail Number: T400

Refuge Name: Des Lacs NWR
Region: 6

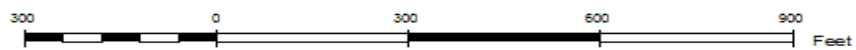
Total Length: 0.94 Miles

Section Number	001	002	003	004
Section Length (miles)	0.22	0.09	0.32	0.31
SAMMS Number	10028374	10028374	10028374	10028374
Rating Date	07/17/2007	07/17/2007	07/17/2007	07/17/2007
Trail Section Information				
Trail Class	TC4	TC2	TC2	TC2
Surface Type	Gravel	Mowed	Mowed	Mowed
Surface Firmness	Hard	Firm	Firm	Firm
Width (inches)	72	72	72	72
Average Grade (%)	8.3	8.3	8.3	8.3
Average X-slope (%)	9.70	9.70	9.70	9.70
Trail Condition Information				
Deferred Maintenance			\$76	
CRV	\$29,508	\$2,766	\$9,836	\$9,528
FCI	0.00	0.00	0.01	0.00
Condition	Excellent	Excellent	Excellent	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$76	\$51,638	0.00	Excellent

TRAIL DEFICIENCY



Trail Name: Munch's Coulee Hiking Trail

Refuge Name: Des Lacs NWR

Trail Number: T400

Region: 6

Total Length: 0.94 Miles

Mile Post	0.22
Section Number	003
Photo Number	DESL_C2_0160
Deficiency	Other
Action	Repair
Item	Tread -sf
Quantity	75
Deferred Maintenance	\$76

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Des Lacs NWR
DATE: 07/17/2007



Photo # DESL_C2_0154 - MP 0.00 - Trailhead

TRAIL NUMBER: T400
STATION: Des Lacs NWR
DATE: 07/17/2007



Photo # DESL_C2_0155 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Des Lacs NWR
DATE: 07/17/2007



Photo # DESL_C2_0158 - MP 0.11 - Begin Section

TRAIL NUMBER: T400
STATION: Des Lacs NWR
DATE: 07/17/2007



Photo # DESL_C2_0158 - MP 0.11 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Des Lacs NWR
DATE: 07/17/2007



Photo # DESL_C2_0159 - MP 0.18 - Begin Section

TRAIL NUMBER: T400
STATION: Des Lacs NWR
DATE: 07/17/2007



Photo # DESL_C2_0163 - MP 0.47 - Begin Section

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	SAMMS 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 \leq .01 = Excellent FCI .02 - .05 = Good FCI .06 - .10 = Fair FCI .11 - .20 = Poor FCI $>$.20 = Failed
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.
Info Type	Type of accessibility information available at trailhead: brochure, sign or other.
Item	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.
MP	Distance of a trail feature or deficiency from the Trailhead.
Puncheon	Log footbridge used in area of poor drainage.
Raised Trail Structure	Boardwalk, Turnpike, Puncheon.
T Class	Trail Class: I-V (see Appendix ? for trail class descriptions).
Tr Desig	Trail Designation: Standard (Std), National Historic Trail (NHT), National Recreation Trail (NRT), National Scenic Trail (NST).
Turnpike	Trail tread elevated with dirt, rock or other aggregate from parallel side ditches and held in place by logs.