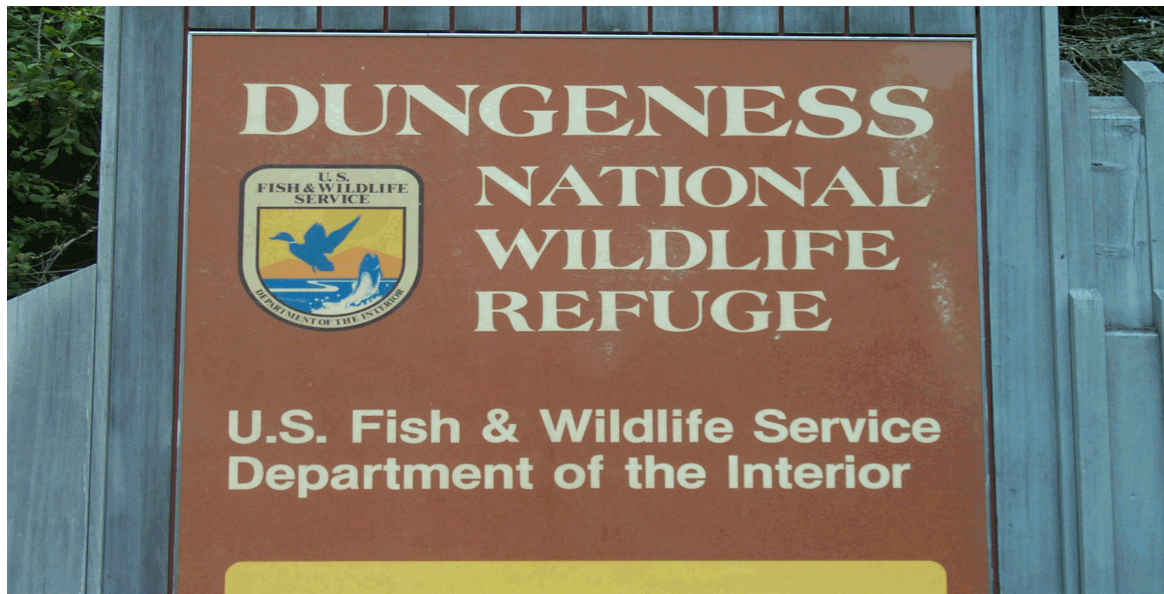


The Trail Inventory of Dungeness NWR Port Angeles, WA



Prepared By:
Federal Highway Administration
Central Federal Lands Highway Division
December, 2011



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Dungeness NWR

Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

Trail Surface Type	Excellent		Total
	Miles	%	Miles
Gravel	1.18	100%	1.18
Total	1.18	100%	1.18

Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Excellent		Total
	Miles	%	Miles
TC3	0.68	100%	0.68
TC4	0.50	100%	0.50
Total	1.18	100%	1.18

*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	DUNG_C2_0001
T400	Begin Section	1	No	0.01	DUNG_C2_0011
T400	Sign	5	No	0.01	DUNG_C2_0002
T400	Bench	4	No	0.01	DUNG_C2_0966
T400	Other	1	No	0.01	DUNG_C2_0967
T400	Other	1	No	0.01	DUNG_C2_0968
T400	Other	1	No	0.02	DUNG_C2_0973
T400	Sign	1	No	0.02	DUNG_C2_0971
T400	Sign	1	No	0.02	DUNG_C2_0970
T400	Bench	1	No	0.02	DUNG_C2_0969
T400	Sign	3	No	0.02	DUNG_C2_0972
T400	Bench	1	No	0.10	DUNG_C2_0974
T400	Sign	1	No	0.11	DUNG_C2_0012
T400	Sign	1	No	0.12	DUNG_C2_0013
T400	Bench	1	No	0.13	DUNG_C2_0975
T400	Bench	1	No	0.15	DUNG_C2_0976
T400	Bench	1	No	0.29	DUNG_C2_0977
T400	Lookout/Ob Deck	1	No	0.38	
T400	Sign	1	No	0.38	DUNG_C2_0978
T400	Sign	2	No	0.39	DUNG_C2_0004
T400	Water Control Struc	1	No	0.40	DUNG_C2_0980
T400	Sign	1	No	0.40	DUNG_C2_0979
T400	Crib: Log -cf	60	No	0.40	
T400	Crib: Log -cf	10	No	0.40	
T400	Lookout/Ob Deck	1	No	0.41	

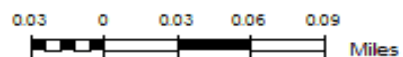
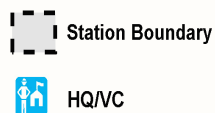
T400	Water Bar:Wood -each	6	No	0.42	
T400	Max Grade- %	17	No	0.44	
T400	Bench	1	No	0.45	DUNG_C2_09 81
T400	Sign	1	No	0.46	DUNG_C2_00 05
T400	Sign	1	No	0.49	DUNG_C2_09 82
T400	Sign	1	No	0.49	DUNG_C2_00 06
T401	Trailhead	1	No	0.00	DUNG_C2_00 08
T401	Sign	1	No	0.49	DUNG_C2_09 83
T401	Sign	4	No	0.55	DUNG_C2_00 09
T401	Sign	3	No	0.56	DUNG_C2_00 10

sf - square feet

lf - linear feet

cf - cubic feet

Dungeness NWR Trail Location Map



Trails ID

Station Name: Dungeness NWR

Org Code: 13539

Trail Number	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T400	People Trail	Gravel	10003564	0.62	Dungeness Main Parking (Rte 900) to end of trail
T401	Horse Trail	Gravel	10003565	0.56	From People Trail (T300) to end of trail

TRAIL CONDITION



Trail Name: People Trail
Trail Number: T400

Refuge Name: Dungeness NWR
Region: 1

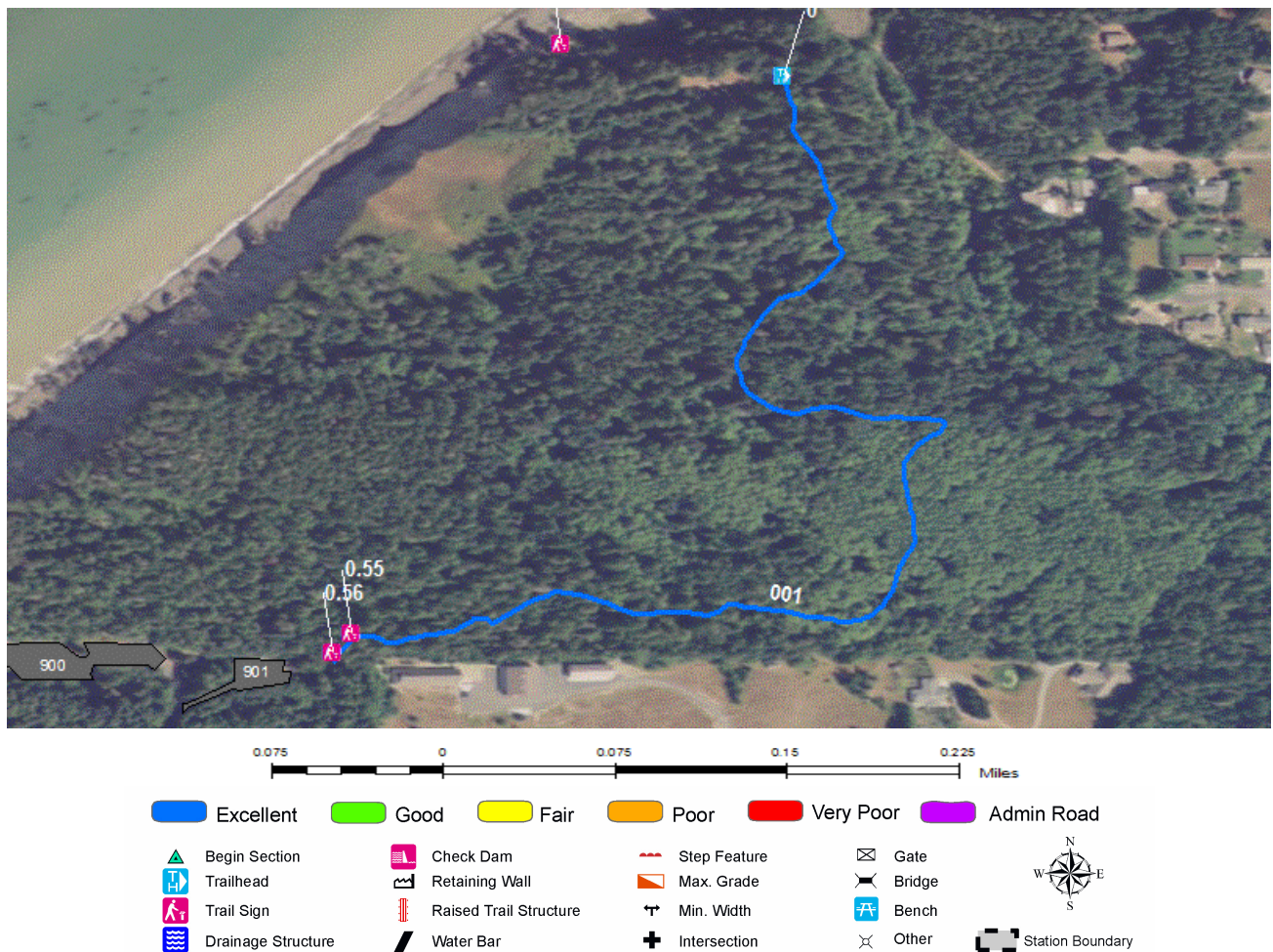
Total Length: 0.62 Miles

Section Number	001	002
Section Length (miles)	0.50	0.12
SAMMS Number	10003564	10003564
Rating Date	05/14/2007	05/14/2007
Trail Section Information		
Trail Class	TC4	TC3
Surface Type	Gravel	Gravel
Surface Firmness	Firm	Firm
Width (inches)	84	46
Average Grade (%)	6.1	6.1
Average X-slope (%)	3.00	3.00
Trail Condition Information		
Deferred Maintenance		
CRV	\$100,590	\$13,222
FCI	0.00	0.00
Condition	Excellent	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$113,812	0.00	Excellent

TRAIL CONDITION



Trail Name: Horse Trail
Trail Number: T401

Refuge Name: Dungeness NWR
Region: 1

Total Length: 0.56 Miles

Section Number	001
Section Length (miles)	0.56
SAMMS Number	10003565
Rating Date	05/14/2007
Trail Section Information	
Trail Class	TC3
Surface Type	Gravel
Surface Firmness	Firm
Width (inches)	60
Average Grade (%)	5.3
Average X-slope (%)	1.90
Trail Condition Information	
Deferred Maintenance	
CRV	\$80,472
FCI	0.00
Condition	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$80,472	0.00	Excellent

TRAIL DEFICIENCY

No Deficiencies

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 05/14/2007



Photo # DUNG_C2_0001 - MP 0.00 - Trailhead

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 08/08/2011



Photo # DUNG_C2_0966 - MP 0.01 - Bench

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 08/08/2011



Photo # DUNG_C2_0967 - MP 0.01 - Other

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 08/08/2011



Photo # DUNG_C2_0968 - MP 0.01 - Other

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 05/14/2007



Photo # DUNG_C2_0002 - MP 0.01 - Sign

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 08/08/2011



Photo # DUNG_C2_0969 - MP 0.02 - Bench

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 08/08/2011



Photo # DUNG_C2_0970 - MP 0.02 - Sign

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 08/08/2011



Photo # DUNG_C2_0971 - MP 0.02 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 08/08/2011



Photo # DUNG_C2_0972 - MP 0.02 - Sign

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 08/08/2011



Photo # DUNG_C2_0973 - MP 0.02 - Other

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 08/08/2011



Photo # DUNG_C2_0974 - MP 0.10 - Bench

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 08/08/2011



Photo # DUNG_C2_0975 - MP 0.13 - Bench

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 08/08/2011



Photo # DUNG_C2_0976 - MP 0.15 - Bench

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 08/08/2011



Photo # DUNG_C2_0977 - MP 0.29 - Bench

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 08/08/2011



Photo # DUNG_C2_0978 - MP 0.38 - Sign

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 05/14/2007



Photo # DUNG_C2_0004 - MP 0.39 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 08/08/2011



Photo # DUNG_C2_0979 - MP 0.40 - Sign

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 08/08/2011



Photo # DUNG_C2_0980 - MP 0.40 - Water Control Struc

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 08/08/2011



Photo # DUNG_C2_0981 - MP 0.45 - Bench

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 05/14/2007



Photo # DUNG_C2_0005 - MP 0.46 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 08/08/2011



Photo # DUNG_C2_0982 - MP 0.49 - Sign

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 05/14/2007



Photo # DUNG_C2_0006 - MP 0.49 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 05/14/2007



Photo # DUNG_C2_0011 - MP 0.01 - Begin Section

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 05/14/2007



Photo # DUNG_C2_0012 - MP 0.11 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Dungeness NWR
DATE: 05/14/2007



Photo # DUNG_C2_0013 - MP 0.12 - Sign

TRAIL NUMBER: T401
STATION: Dungeness NWR
DATE: 05/14/2007



Photo # DUNG_C2_0008 - MP 0.00 - Trailhead

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T401
STATION: Dungeness NWR
DATE: 08/08/2011



Photo # DUNG_C2_0983 - MP 0.49 - Sign

TRAIL NUMBER: T401
STATION: Dungeness NWR
DATE: 05/14/2007



Photo # DUNG_C2_0009 - MP 0.55 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T401

STATION: Dungeness NWR

DATE: 05/14/2007



Photo # DUNG_C2_0010 - MP 0.56 - Sign

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.