

NPS Wildfire Risk Assessments Assessment Locations

National Park Service
U.S. Department of the Interior



Fort Union Trading Post National Historic Site Overview



0 1.5 3 Miles

Author: sszturm
12/22/2023 1:31 PM

NPS Wildfire Risk Assessments
NPS Fire GIS
December 2023
Data Sources: ESRI Basedata, NPS
NPS Wildfire Risk Assessment Project

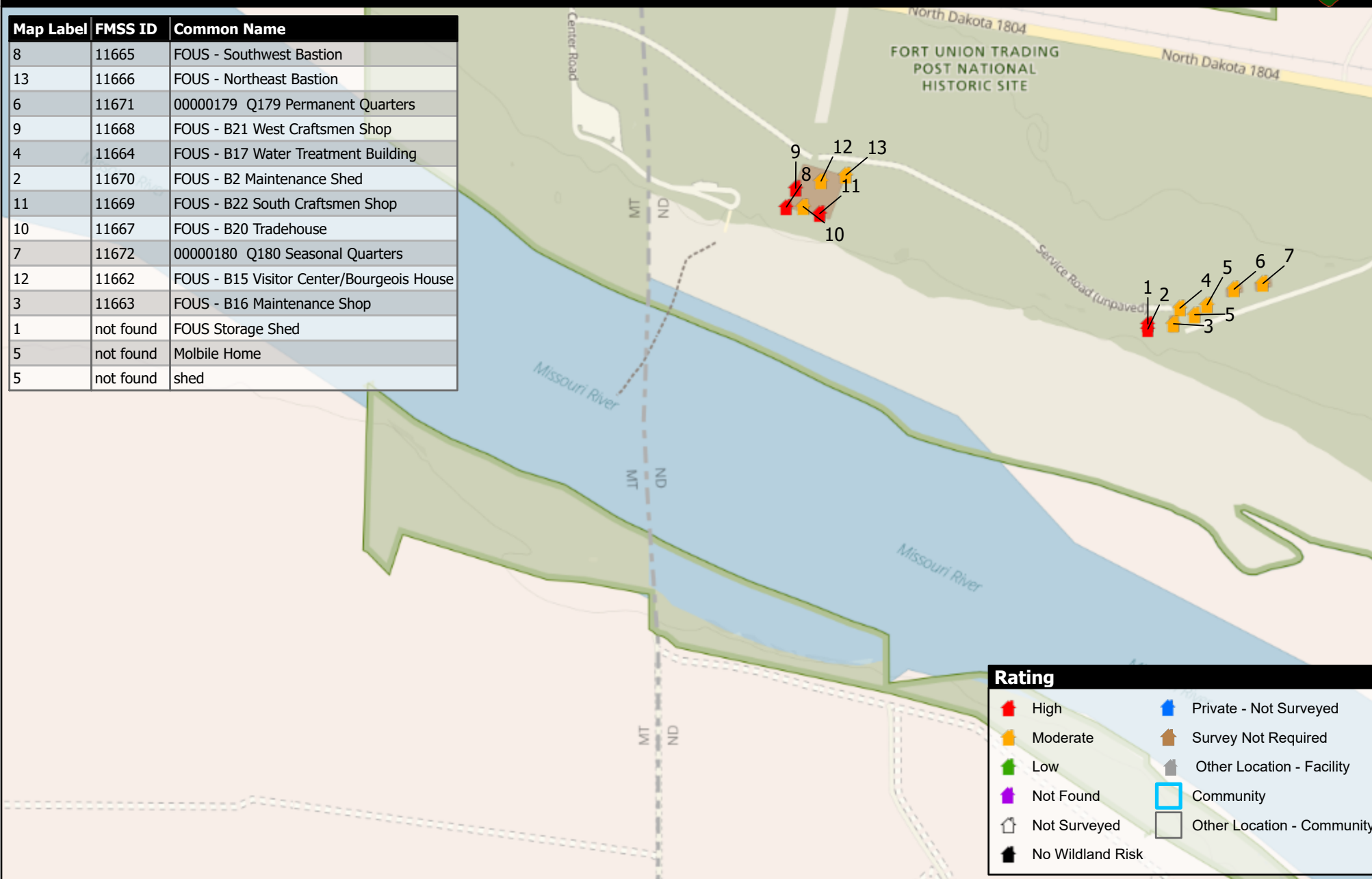
Fort Union Trading Post

FOUS

National Park Service
U.S. Department of the Interior



Map Label	FMSS ID	Common Name
8	11665	FOUS - Southwest Bastion
13	11666	FOUS - Northeast Bastion
6	11671	00000179 Q179 Permanent Quarters
9	11668	FOUS - B21 West Craftsmen Shop
4	11664	FOUS - B17 Water Treatment Building
2	11670	FOUS - B2 Maintenance Shed
11	11669	FOUS - B22 South Craftsmen Shop
10	11667	FOUS - B20 Tradehouse
7	11672	00000180 Q180 Seasonal Quarters
12	11662	FOUS - B15 Visitor Center/Bourgeois House
3	11663	FOUS - B16 Maintenance Shop
1	not found	FOUS Storage Shed
5	not found	Molbile Home
5	not found	shed



Author: scastillo
9/15/2022 7:44 PM

0 0.1 0.2 0.3 0.4 0.5 Miles

Scale: 1:12,000

NPS Wildfire Risk Assessments
NPS Fire GIS
August 2022
Data Sources: ESRI Basedata, NPS
NPS Wildfire Risk Assessment Project



NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: FOUS - Southwest Bastion

Unit - Location: FOUS - Fort Union Trading Post

FMSS ID: 11665, **Local ID:**

Structure Type, Use: Building, Public

Owner: National Park Service

Field Crew, Visit Date: Castillo, July 31, 2022

Coordinates (DDM): 47° 59.94517548' N 104° 02.47375638' W

Rating: High

Protection Level: Full,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, FOUS Visitor Center

Revisit Interval: 5 yrs

Map Label: 8

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Grass/tundra, northern hardwood litter

Fuel Load: Moderate

Defensible Space: Less than 30 ft treated

Topography: Slope Less than 5%

Roof Material: Combustible or no roof

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30 in masonry exposed or N/A

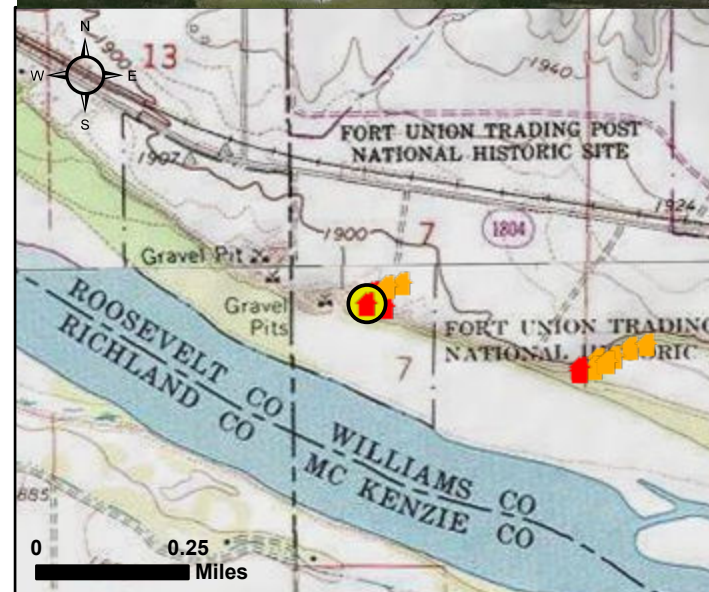
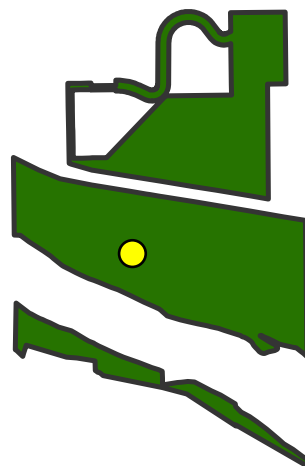
Firewood: None

Water Supply: No reliable water source nearby

Propane: None

Overhead Hazards: No overhead hazards

Comments:





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: FOUS - Northeast Bastion

Unit - Location: FOUS - Fort Union Trading Post

FMSS ID: 11666, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: Castillo , July 31, 2022

Coordinates (DDM): 47° 59.97190590' N 104° 02.39916048' W

Rating: Moderate

ProtectionLevel: Full,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, FOUS Visitor Center

Revisit Interval: 5 yrs

Map Label: 13

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Grass/tundra,northern hardwood litter

Fuel Load: Light or no wildland fuels

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Combustible or no roof

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

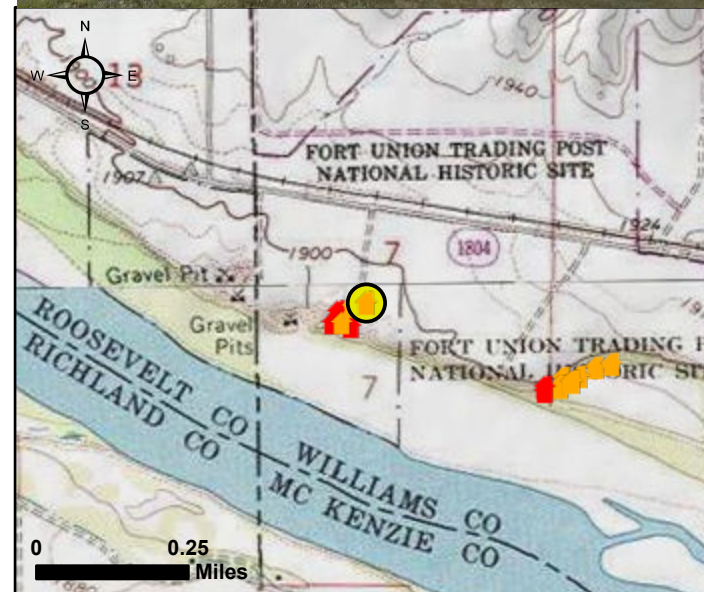
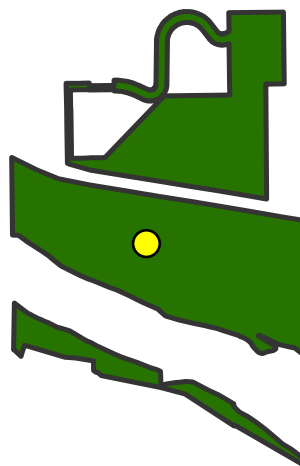
Firewood: None

Water Supply: No reliable water source nearby

Propane: None

Overhead Hazards: No overhead hazards

Comments:





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: 00000179 Q179 Permanent Quarters

Unit - Location: FOUS - Fort Union Trading Post

FMSS ID: 11671, **Local ID:**

Structure Type, Use: Building, Residence

Owner: National Park Service

Field Crew, Visit Date: Castillo , July 31, 2022

Coordinates (DDM): 47° 59.87653494' N 104° 01.91370354' W

Rating: Moderate

ProtectionLevel: Full,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, FOUS Quarters andamp; Maintenance

Revisit Interval: 5 yrs

Map Label: 6

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Grass and shrub, hardwood litter

Fuel Load: Moderate

Defensible Space: 30 ft treated

Topography: Slope 5% to 20%

Roof Material: Fire resistant- tar,rubberized

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

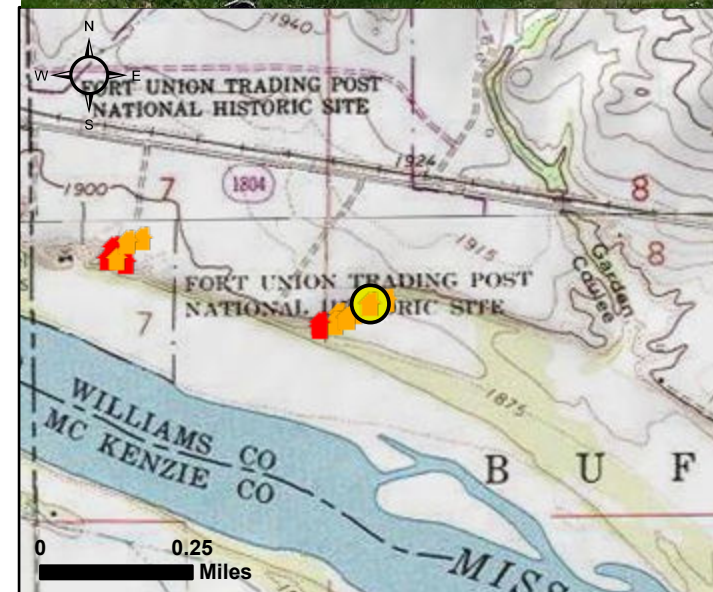
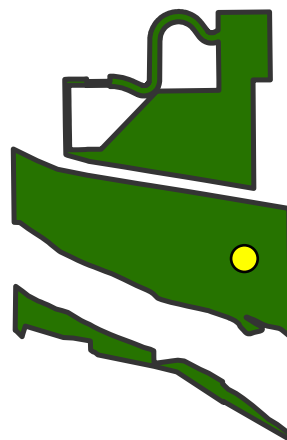
Firewood: None

Water Supply: No reliable water source nearby

Propane: None

Overhead Hazards: No overhead hazards

Comments:





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: FOUS - B21 West Craftsmen Shop

Unit - Location: FOUS - Fort Union Trading Post

FMSS ID: 11668, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: Castillo , July 31, 2022

Coordinates (DDM): 47° 59.96092320' N 104° 02.46194196' W

Rating: High

ProtectionLevel: Full,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, FOUS Visitor Center

Revisit Interval: 5 yrs

Map Label: 9

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Grass/tundra,northern hardwood litter

Fuel Load:

Defensible Space: 30 ft treated

Topography: Slope Less than 5%

Roof Material: Combustible or no roof

Siding Material:

Foundation: Closed, Less than 6in masonry exposed

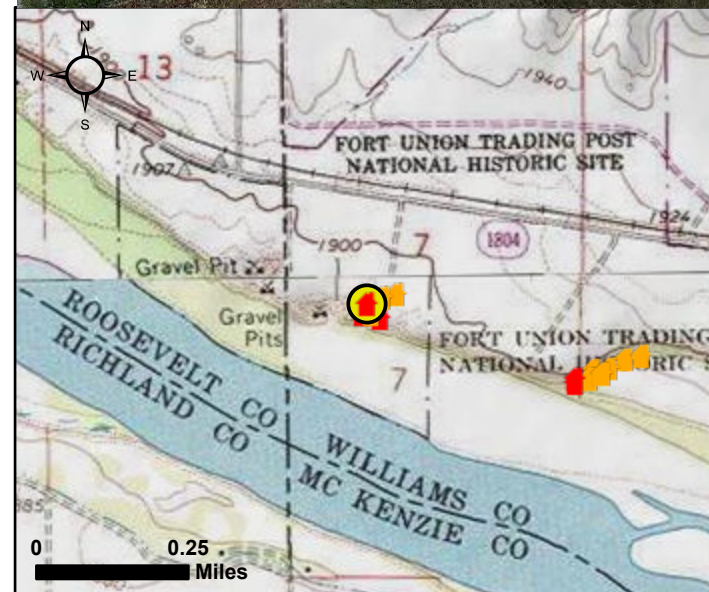
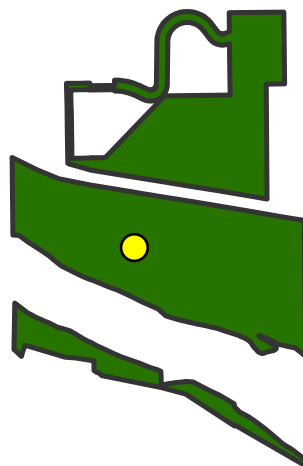
Firewood: None

Water Supply: No reliable water source nearby

Propane: None

Overhead Hazards: No overhead hazards

Comments:





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: FOUS - B17 Water Treatment Building

Unit - Location: FOUS - Fort Union Trading Post

FMSS ID: 11664, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: Castillo , July 31, 2022

Coordinates (DDM): 47° 59.86067166' N 104° 01.98142392' W

Rating: Moderate

ProtectionLevel: Full,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, FOUS Quarters andamp; Maintenance

Revisit Interval: 5 yrs

Map Label: 4

Primary Access: Road

Ingress Egress:

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Grass/tundra,northern hardwood litter

Fuel Load: Moderate

Defensible Space: 30 ft treated

Topography: Slope 5% to 20%

Roof Material: Fire resistant- tar,rubberized

Siding Material: Rock, concrete, metal

Foundation: Closed, Greater than 30in masonry exposed or N/A

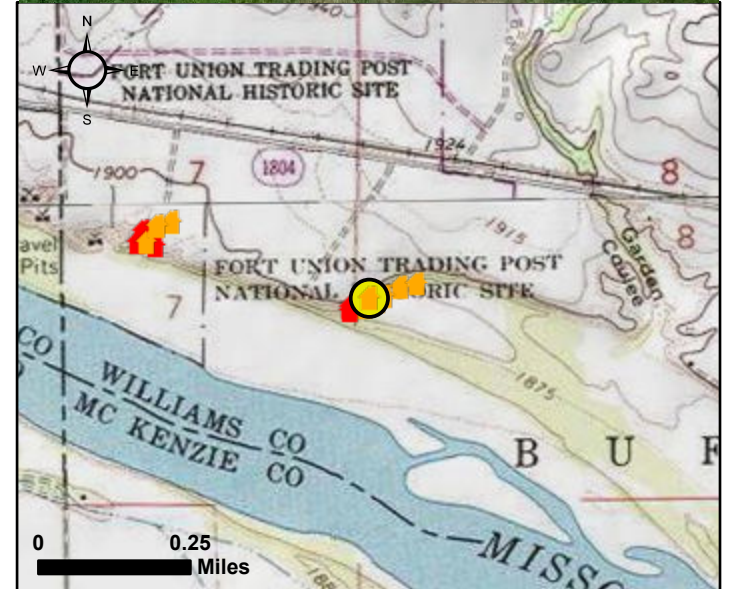
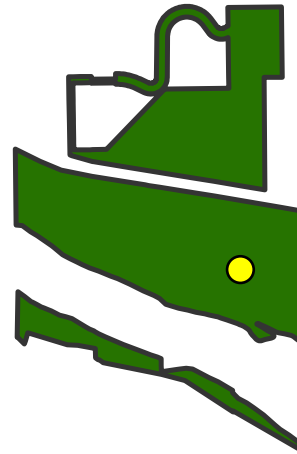
Firewood: None

Water Supply: No reliable water source nearby

Propane: None

Overhead Hazards: No overhead hazards

Comments:





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: FOUS - B2 Maintenance Shed

Unit - Location: FOUS - Fort Union Trading Post

FMSS ID: 11670, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: Castillo , July 31, 2022

Coordinates (DDM): 47° 59.84313072' N 104° 02.02161420' W

Rating: High

ProtectionLevel: Full,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, FOUS Quarters andamp; Maintenance

Revisit Interval: 5 yrs

Map Label: 2

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Grass and shrub, hardwood litter

Fuel Load: Moderate

Defensible Space: No defensible space

Topography: Slope 5% to 20%

Roof Material: Fire resistant- tar,rubberized

Siding Material: Wood or open sided

Foundation: Open or deck

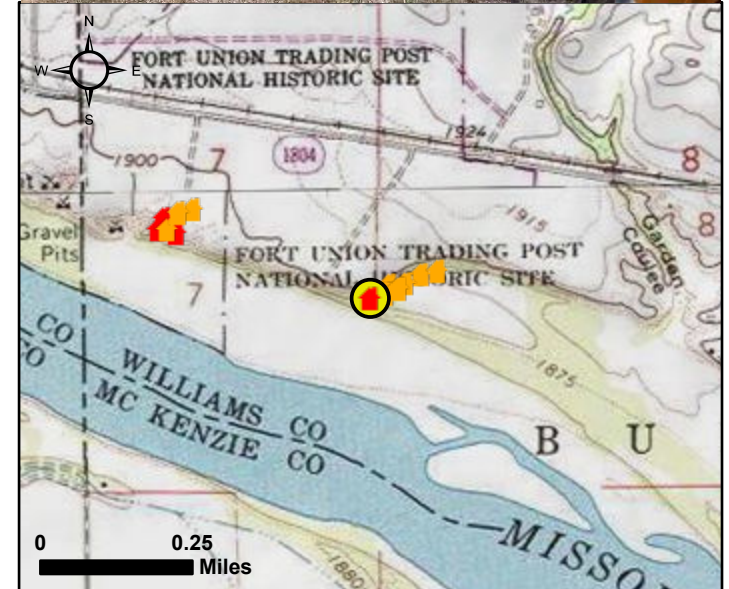
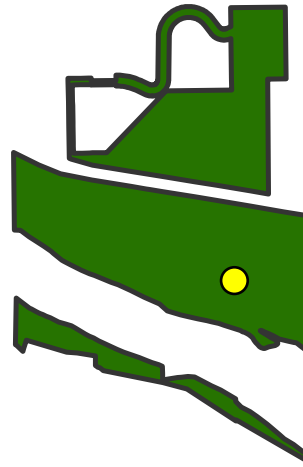
Firewood: None

Water Supply: No reliable water source nearby

Propane: Present and fuels clearance

Overhead Hazards: No overhead hazards

Comments:





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: FOUS - B22 South Craftsmen Shop

Unit - Location: FOUS - Fort Union Trading Post

FMSS ID: 11669, **Local ID:**

Structure Type, Use: Building, Public

Owner: National Park Service

Field Crew, Visit Date: Castillo, July 31, 2022

Coordinates (DDM): 47° 59.93970648' N 104° 02.43204570' W

Rating: High

Protection Level: Full,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, FOUS Visitor Center

Revisit Interval: 5 yrs

Map Label: 11

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign:

Fuel Type: Grass/tundra, northern hardwood litter

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material:

Siding Material: Wood or open sided

Foundation: Closed, Less than 6 in masonry exposed

Firewood: Greater than 30 ft from facility

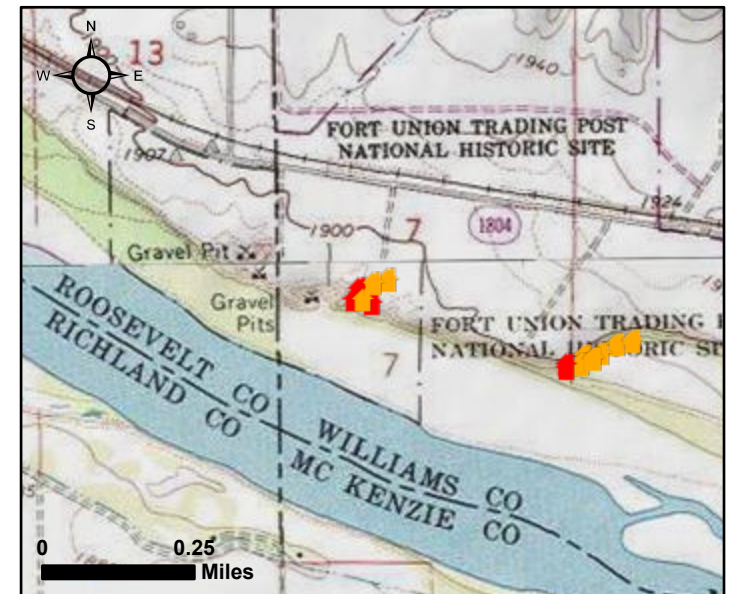
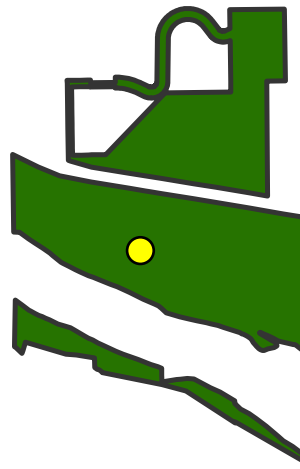
Water Supply: No reliable water source nearby

Propane: None

Overhead Hazards: No overhead hazards

Comments:

NO PHOTO AVAILABLE





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: FOUS - B20 Tradehouse

Unit - Location: FOUS - Fort Union Trading Post

FMSS ID: 11667, **Local ID:**

Structure Type, Use: Building, Public

Owner: National Park Service

Field Crew, Visit Date: Castillo, July 31, 2022

Coordinates (DDM): 47° 59.94556500' N 104° 02.45269194' W

Rating: Moderate

Protection Level: Full,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, FOUS Visitor Center

Revisit Interval: 5 yrs

Map Label: 10

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, grade Less than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type:

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Combustible or no roof

Siding Material: Log construction

Foundation: Closed, Less than 6in masonry exposed

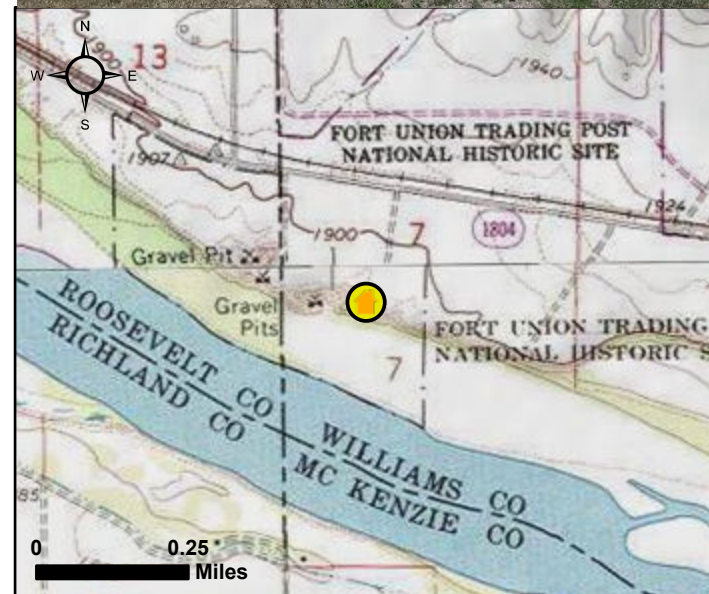
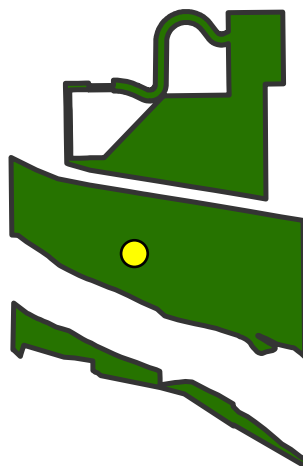
Firewood: None

Water Supply: No reliable water source nearby

Propane: None

Overhead Hazards:

Comments: Sod roof with growing grass and large frame timbers.





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name:

Unit - Location:

FMSS ID: 11672, **Local ID:**

Structure Type, Use: Building, Residence

Owner: National Park Service

Field Crew, Visit Date: Castillo ,

Coordinates (DDM): 47° 59.88130980' N 104° 01.87780686' W

Rating: Moderate

ProtectionLevel: Full,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, FOUS Visitor Center

Revisit Interval: 5 yrs

Map Label: 10

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type:

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Combustible or no roof

Siding Material: Log construction

Foundation: Closed, Less than 6in masonry exposed

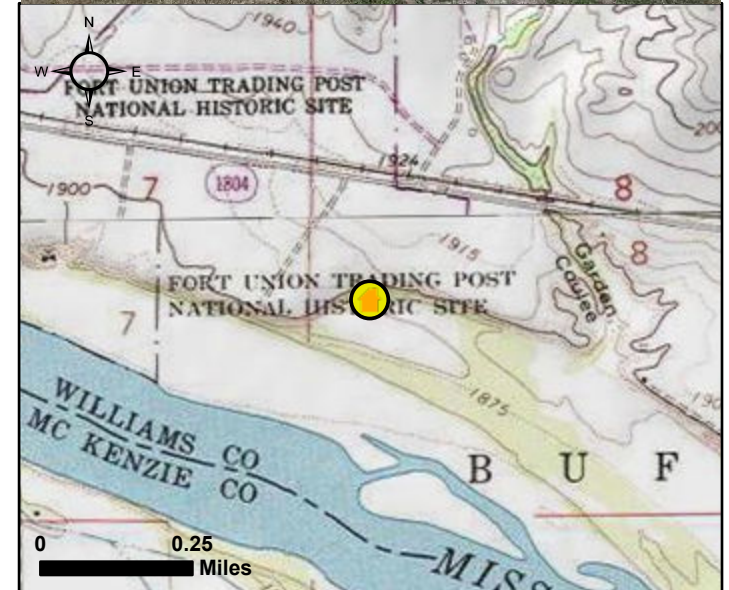
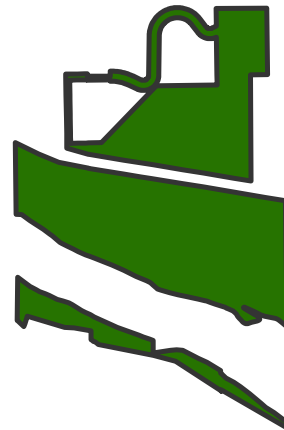
Firewood: None

Water Supply: No reliable water source nearby

Propane: None

Overhead Hazards:

Comments: Sod roof with growing grass and large frame timbers.





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: FOUS - B15 Visitor Center/Bourgeois House

Unit - Location: FOUS - Fort Union Trading Post

FMSS ID: 11662, **Local ID:**

Structure Type, Use: Building, Public

Owner: National Park Service

Field Crew, Visit Date: Castillo, July 31, 2022

Coordinates (DDM): 47° 59.96687412' N 104° 02.43024126' W

Rating: Moderate

ProtectionLevel: Full,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, FOUS Visitor Center

Revisit Interval: 5 yrs

Map Label: 12

Primary Access: Road

Ingress Egress:

Access Width: 2 lanes (Greater than 24')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Greater than 300 ft with turnaround

Access and Turnarounds: Greater than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Grass/tundra,northern hardwood litter

Fuel Load:

Defensible Space: 100 ft treated

Topography: Slope Less than 5%

Roof Material: Combustible or no roof

Siding Material: Wood or open sided

Foundation: Open or deck

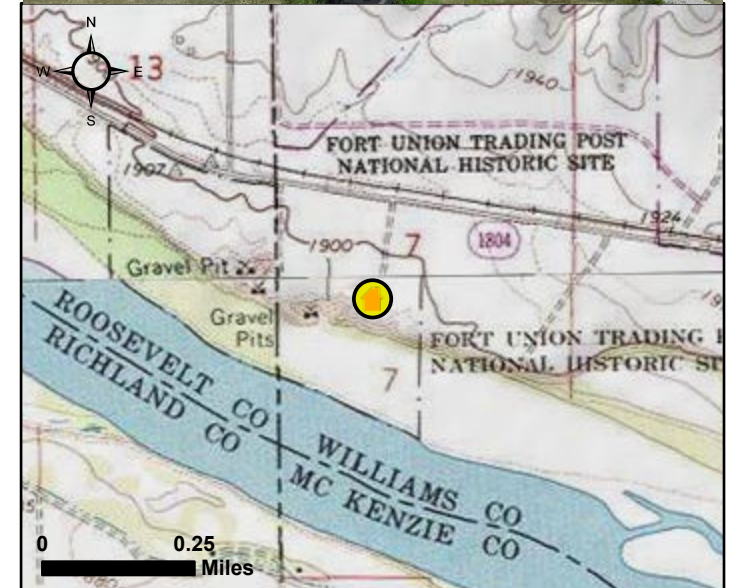
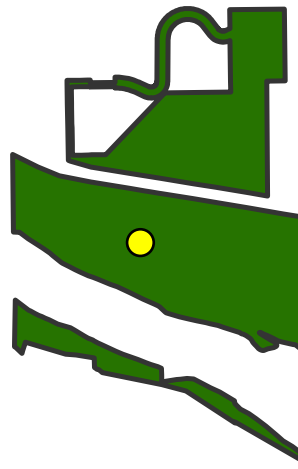
Firewood: None

Water Supply:

Propane: None

Overhead Hazards: No overhead hazards

Comments:





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: FOUS - B16 Maintenance Shop

Unit - Location: FOUS - Fort Union Trading Post

FMSS ID: 11663, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: Castillo , July 31, 2022

Coordinates (DDM): 47° 59.84757408' N 104° 01.98941130' W

Rating: Moderate

ProtectionLevel: Full,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, FOUS Quarters andamp; Maintenance

Revisit Interval: 5 yrs

Map Label: 3

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Grass and shrub, hardwood litter

Fuel Load: Moderate

Defensible Space: 30 ft treated

Topography: Slope 5% to 20%

Roof Material: Noncombustible or not applicable

Siding Material: Rock, concrete, metal

Foundation: Closed, Less than 6in masonry exposed

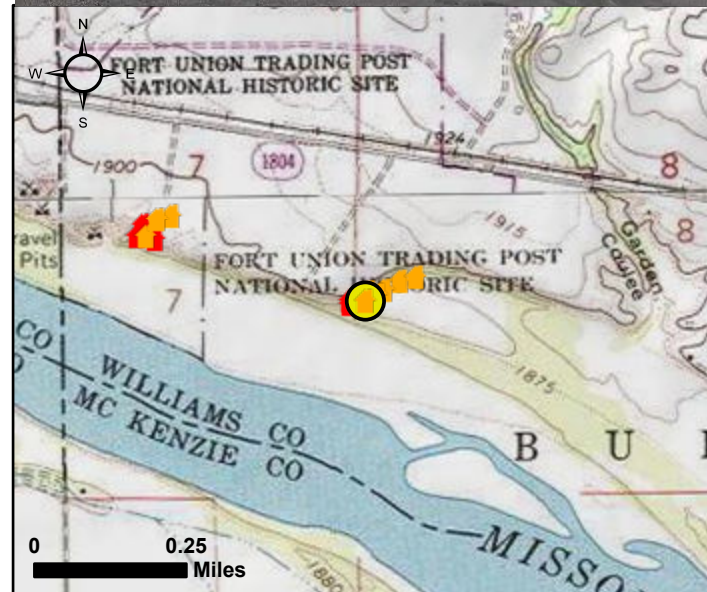
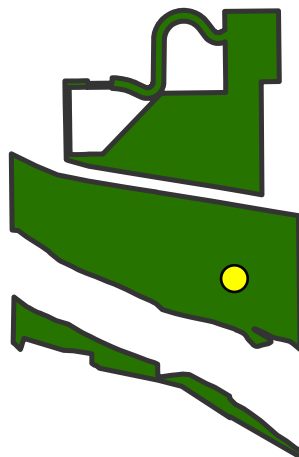
Firewood: None

Water Supply: No reliable water source nearby

Propane: Present and fuels clearance

Overhead Hazards: No overhead hazards

Comments:





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: FOUS Storage Shed

Unit - Location: FOUS - Fort Union Trading Post

FMSS ID: not found, **Local ID:**

Structure Type, Use: Building, Administrative

Owner: National Park Service

Field Crew, Visit Date: Castillo , July 31, 2022

Coordinates (DDM): 47° 59.84729904' N 104° 02.02170096' W

Rating: High

Protection Level: Full,

Resources of Concern: Unknown

Occupied: No

In Community: Yes, FOUS Quarters andamp; Maintenance

Revisit Interval: 5 yrs

Map Label: 1

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Grass and shrub, hardwood litter

Fuel Load: Moderate

Defensible Space: No defensible space

Topography: Slope 5% to 20%

Roof Material: Fire resistant- tar,rubberized

Siding Material: Wood or open sided

Foundation: Open or deck

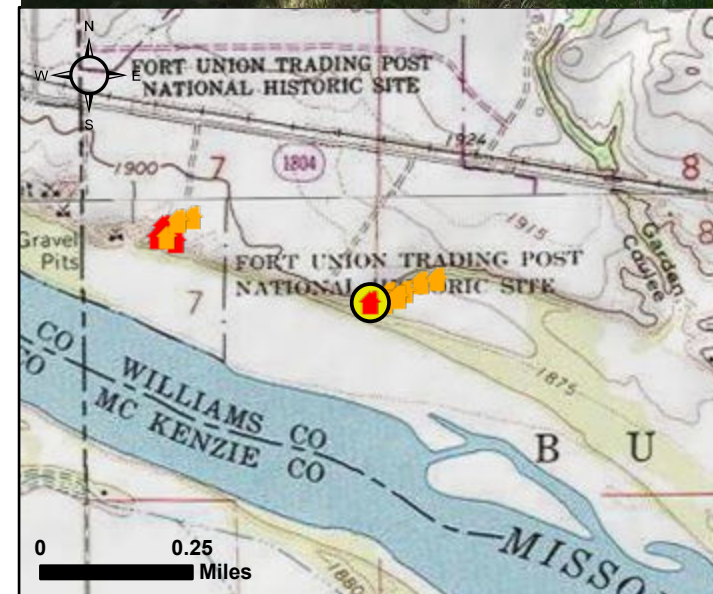
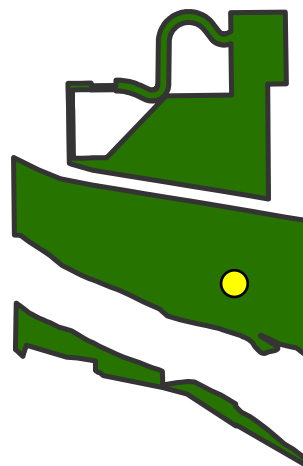
Firewood: None

Water Supply: No reliable water source nearby

Propane: Present and fuels clearance

Overhead Hazards: No overhead hazards

Comments:





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: Mobile Home

Unit - Location: FOUS - Fort Union Trading Post

FMSS ID: not found, **Local ID:**

Structure Type, Use: Building, Residence

Owner: National Park Service

Field Crew, Visit Date: Castillo , July 31, 2022

Coordinates (DDM): 47° 59.86331400' N 104° 01.94751600' W

Rating: Moderate

Protection Level: Full,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, FOUS Quarters andamp; Maintenance

Revisit Interval: 5 yrs

Map Label: 5

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Grass/tundra,northern hardwood litter

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope 5% to 20%

Roof Material: Fire resistant- tar,rubberized

Siding Material: Vinyl

Foundation: Open or deck

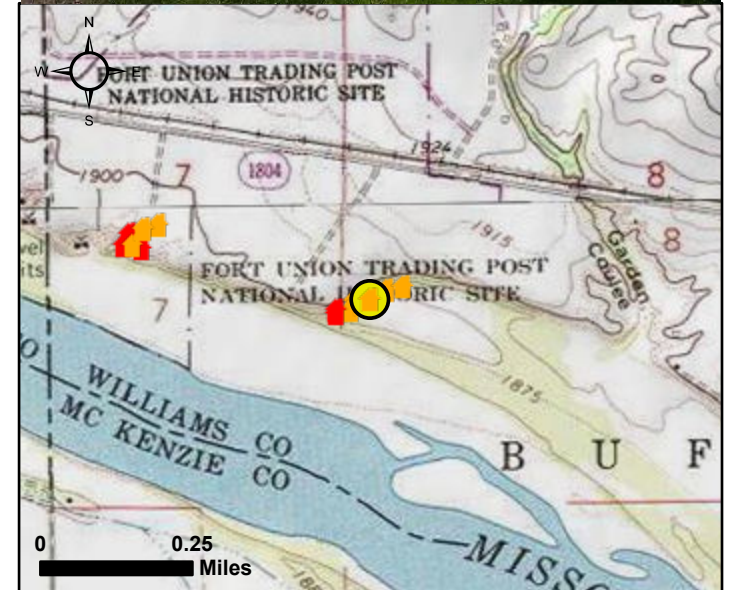
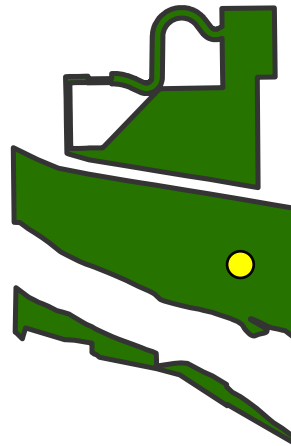
Firewood: None

Water Supply: No reliable water source nearby

Propane: None

Overhead Hazards: No overhead hazards

Comments: Not known if facility is a residence or office space.





NPS Wildland Fire Risk Assessment - Facility Assessment

For more information visit <https://wildfire-risk-assessments-nifc.hub.arcgis.com/>

Facility Name: shed

Unit - Location: FOUS - Fort Union Trading Post

FMSS ID: not found, **Local ID:**

Structure Type, Use: Building, Residence

Owner: National Park Service

Field Crew, Visit Date: castillo, July 31, 2022

Coordinates (DDM): 47° 59.85510912' N 104° 01.96300482' W

Rating: Moderate

Protection Level: Full,

Resources of Concern: Unknown

Occupied: Yes

In Community: Yes, FOUS Quarters andamp; Maintenance

Revisit Interval: 5 yrs

Map Label: 5

Primary Access: Road

Ingress Egress: 1 road in/out

Access Width: 1.5 lanes (Greater than 18')

Access Condition: Surfaced-paved, gradeLess than 5%

Bridge Condition: Less than 300 ft with turnaround

Access and Turnarounds: Less than 300 ft with turnaround

Facility Number or Sign: Marked and clearly visible

Fuel Type: Grass/tundra,northern hardwood litter

Fuel Load: Moderate

Defensible Space: 100 ft treated

Topography: Slope 5% to 20%

Roof Material: Fire resistant- tar,rubberized

Siding Material: Vinyl

Foundation: Open or deck

Firewood: None

Water Supply: No reliable water source nearby

Propane: None

Overhead Hazards: No overhead hazards

Comments: Not known if facility is a residence or office space.

