Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	**Watercourse NR-WC-200b137**
General Site Location:	Nuttby Grid A3
Watercourse Assessor(s):	CM
Affiliation:	CBCL
Field Assessment Date:	07-Dec-22
UTM Coordinates:	WP1774, 1775
Datum:	UTM
SUBSTRATE	
Dominant	Fines
Subdominant	
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	
Average Wetted Width (m)	
Average Bankful Depth (m)	
Average Water Depth (m)	
Average Pool Depth (m)	
WATERCOURSE MORPHOLOGY	
Watercourse Type	Ephemeral
Stage (season was very dry)	Mid

PHOTOS

Photo 1: Habitat at WP1774.

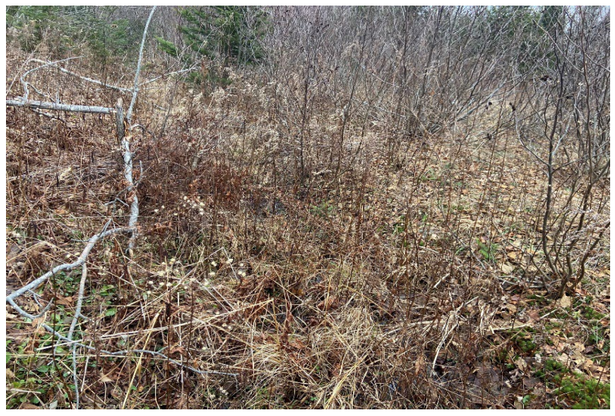

Photo 2: Another view of habitat at WP1774.

RIPARIAN VEGETATION SPECIES		
#	**Common Name**	**Scientific Name**
1		*#N/A*
2		*#N/A*
3		*#N/A*
4		*#N/A*
5		*#N/A*
6		*#N/A*
7		*#N/A*
8		*#N/A*
9		*#N/A*
10		*#N/A*

RIPARIAN INFORMATION	
Vegetation Stage	
IMPORTANT FEATURES OBSERVED	
Vegetated Across	☐
Flows into Fish Habitat Downstream	☑
Underground Sections or Groundwater	☐
Surface Flow	☑
Wetland Corridor (Flow Between Wetlands)	☑
Barrier	☐
Artificial Channelization	☐
Culvert or Bridge	☐
Water Flowing over Road (no Culvert)	☐
No Defined Channel	☐

ADDITIONAL NOTES

Ephemeral drainage through wetland area. May be fish habitat downstream but not in this corridor.

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	**Watercourse NR-WC-200b340**
General Site Location:	Nuttby Grid A3
Watercourse Assessor(s):	CM
Affiliation:	CBCL
Field Assessment Date:	07-Dec-22
UTM Coordinates:	WP1776
Datum:	UTM
SUBSTRATE	
Dominant	
Subdominant	
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	1.20
Average Wetted Width (m)	1.10
Average Bankful Depth (m)	0.20
Average Water Depth (m)	0.10
Average Pool Depth (m)	0.00
WATERCOURSE MORPHOLOGY	
Watercourse Type	Ephemeral
Stage (season was very dry)	Mid

PHOTOS

Photo 1: Upstream - ephemeral drainage channel.

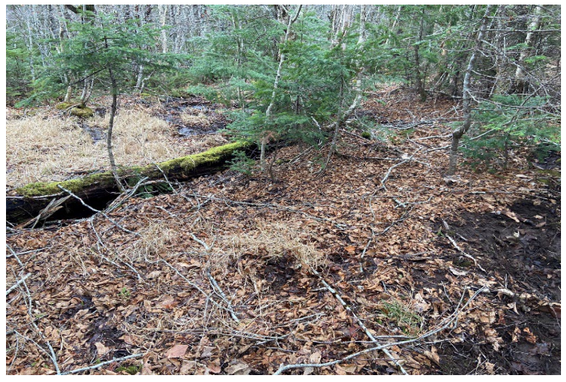

Photo 1: Downstream

RIPARIAN VEGETATION SPECIES		
#	**Common Name**	**Scientific Name**
1		*#N/A*
2		*#N/A*
3		*#N/A*
4		*#N/A*
5		*#N/A*
6		*#N/A*
7		*#N/A*
8		*#N/A*
9		*#N/A*
10		*#N/A*

RIPARIAN INFORMATION	
Vegetation Stage	
IMPORTANT FEATURES OBSERVED	
Vegetated Across	☐
Flows into Fish Habitat Downstream	☐
Underground Sections or Groundwater	☑
Surface Flow	☐
Wetland Corridor (Flow Between Wetlands)	☑
Barrier	☐
Artificial Channelization	☐
Culvert or Bridge	☐
Water Flowing over Road (no Culvert)	☐
No Defined Channel	☐

ADDITIONAL NOTES

Wetland area with ephemeral drainage channel. No fish habitat in corridor.
Short channelized sections in upstream portion in corridor.

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	**Watercourse NR-WC-122d32**
General Site Location:	Nuttby Grid D2
Watercourse Assessor(s):	CM, BC
Affiliation:	
Field Assessment Date:	16-Aug-22
UTM Coordinates:	WP1122
Datum:	UTM
SUBSTRATE	
Dominant	Organics
Subdominant	
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	1.21
Average Wetted Width (m)	0.33
Average Bankful Depth (m)	0
Average Water Depth (m)	0.01
Average Pool Depth (m)	0
WATERCOURSE MORPHOLOGY	
Watercourse Type	Ephemeral
Stage (season was very dry)	Low

PHOTOS

Photo 1: Habitat at approximate crossing location (WP1122).

Photo 2: Habitat at WP1122 (other side).

RIPARIAN VEGETATION SPECIES		
#	**Common Name**	**Scientific Name**
1		*#N/A*
2		*#N/A*
3		*#N/A*
4		*#N/A*
5		*#N/A*
6		*#N/A*
7		*#N/A*
8		*#N/A*
9		*#N/A*
10		*#N/A*

RIPARIAN INFORMATION	
Vegetation Stage	Mature Forest
IMPORTANT FEATURES OBSERVED	
Vegetated Across	☐
Flows into Fish Habitat Downstream	☐
Underground Sections or Groundwater	☐
Surface Flow	☐
Wetland Corridor (Flow Between Wetlands)	☑
Barrier	☐
Artificial Channelization	☐
Culvert or Bridge	☐
Water Flowing over Road (no Culvert)	☐
No Defined Channel	☐

ADDITIONAL NOTES

Ephemeral drainage outside of priority area (about 20 m beyond). Not flowing/very low water level. Appears to continue to the south. May be flow paths between wetland areas. Stops sloping down to south.

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	**Watercourse NR-WC-121b1**
General Site Location:	Nuttby Grid B3
Watercourse Assessor(s):	CJ, SF/CM, IB
Affiliation:	CBCL
Field Assessment Date:	2022-11-21/2022-12-02
UTM Coordinates:	CJ: WP1970; CM: WP1664
Datum:	UTM
SUBSTRATE	
Dominant	
Subdominant	
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	1.13
Average Wetted Width (m)	0.88
Average Bankful Depth (m)	0.07
Average Water Depth (m)	0.07
Average Pool Depth (m)	0.00
WATERCOURSE MORPHOLOGY	
Watercourse Type	Intermittent with Ephemeral Characteristics
Stage (season was very dry)	Mid

PHOTOS

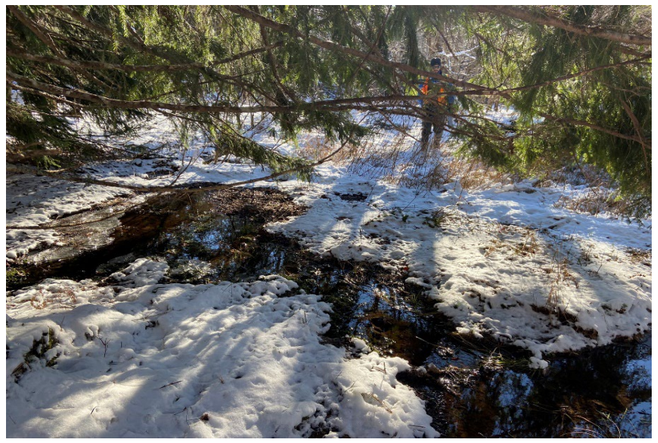

Photo 1: Upstream.

Photo 2: Downstream.

RIPARIAN VEGETATION SPECIES		
#	**Common Name**	**Scientific Name**
1		*#N/A*
2		*#N/A*
3		*#N/A*
4		*#N/A*
5		*#N/A*
6		*#N/A*
7		*#N/A*
8		*#N/A*
9		*#N/A*
10		*#N/A*

RIPARIAN INFORMATION	
Vegetation Stage	Mature Forest
IMPORTANT FEATURES OBSERVED	
Vegetated Across	☐
Flows into Fish Habitat Downstream	☐
Underground Sections or Groundwater	☑
Surface Flow	☐
Wetland Corridor (Flow Between Wetlands)	☐
Barrier	☐
Artificial Channelization	☐
Culvert or Bridge	☐
Water Flowing over Road (no Culvert)	☐
No Defined Channel	☑

ADDITIONAL NOTES

CJ NOTES: WP1970 - Intermittent/ephemeral. Underground and dry unchannelized sections-- not fish habitat at this location. Some channelized areas. Goes completely dry or underground about 50 m downstream from this location. CM NOTES: Intermittent watercourse with ephemeral characteristics. Flows northest to southwest. Seems to be adjacent to intermittent watercours in corridor.

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	**Watercourse NR-WC-121b167**
General Site Location:	Nuttby Grid B3
Watercourse Assessor(s):	CJ, CM
Affiliation:	CBCL
Field Assessment Date:	26-Aug-22
UTM Coordinates:	CJ: WP1558, 1561, 1563
Datum:	UTM
SUBSTRATE	
Dominant	Organics
Subdominant	Fines
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	N/A
Average Wetted Width (m)	N/A
Average Bankful Depth (m)	N/A
Average Water Depth (m)	N/A
Average Pool Depth (m)	N/A
WATERCOURSE MORPHOLOGY	
Watercourse Type	Ephemeral
Stage (season was very dry)	Low

PHOTOS

Photo 1: No watercourse found.

Photo 2: No watercourse found.

RIPARIAN VEGETATION SPECIES		
#	**Common Name**	**Scientific Name**
1		*#N/A*
2		*#N/A*
3		*#N/A*
4		*#N/A*
5		*#N/A*
6		*#N/A*
7		*#N/A*
8		*#N/A*
9		*#N/A*
10		*#N/A*

RIPARIAN INFORMATION	
Vegetation Stage	Mature Forest
IMPORTANT FEATURES OBSERVED	
Vegetated Across	☑
Flows into Fish Habitat Downstream	☐
Underground Sections or Groundwater	☐
Surface Flow	☐
Wetland Corridor (Flow Between Wetlands)	☑
Barrier	☐
Artificial Channelization	☐
Culvert or Bridge	☐
Water Flowing over Road (no Culvert)	☐
No Defined Channel	☑

ADDITIONAL NOTES

Ephemeral drainage, dry. Likely similar downstream. Likely flowing in heavy rainfall or spring run-off.

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	**Watercourse NR-WC-121b174**
General Site Location:	Nuttby Grid B3
Watercourse Assessor(s):	CJ, IB
Affiliation:	CBCL
Field Assessment Date:	17-Aug-22
UTM Coordinates:	WP1424-1428
Datum:	UTM
SUBSTRATE	
Dominant	Fines
Subdominant	
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	N/A
Average Wetted Width (m)	N/A
Average Bankful Depth (m)	N/A
Average Water Depth (m)	N/A
Average Pool Depth (m)	N/A
WATERCOURSE MORPHOLOGY	
Watercourse Type	Ephemeral
Stage (season was very dry)	Low

PHOTOS

Photo 1: Habitat at WP1424.

Photo 2: Habitat at WP1427.

RIPARIAN VEGETATION SPECIES		
#	**Common Name**	**Scientific Name**
1	Yellow Birch	*Betula alleghaniensis*
2	American Beech	*Fagus grandifolia*
3	Red Maple	*Acer rubrum*
4	Wood Fern	*#N/A*
5	Sedge	*#N/A*
6	Starflower	*#N/A*
7	Hayscented Fern	*#N/A*
8		*#N/A*
9		*#N/A*
10		*#N/A*

RIPARIAN INFORMATION	
Vegetation Stage	Mature Forest
IMPORTANT FEATURES OBSERVED	
Vegetated Across	☑
Flows into Fish Habitat Downstream	☐
Underground Sections or Groundwater	☐
Surface Flow	☑
Wetland Corridor (Flow Between Wetlands)	☐
Barrier	☐
Artificial Channelization	☐
Culvert or Bridge	☐
Water Flowing over Road (no Culvert)	☑
No Defined Channel	☑

ADDITIONAL NOTES

WP1424 - Water flows over road- no culvert. Ephemeral at crossing. WP1425 - Ephemeral here, no channel, no wetland. Hardwood stand. WP1427 - No channel, ephemeral. WP1428 - Water flows here, still ephemeral.

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	**Watercourse NR-WC-122L26**
General Site Location:	Nuttby Grid B3
Watercourse Assessor(s):	CM, IB
Affiliation:	CBCL
Field Assessment Date:	02-Dec-22
UTM Coordinates:	WP1717-1729
Datum:	UTM
SUBSTRATE	
Dominant	Cobble
Subdominant	Gravel
Subdominant	Fines
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	0.55
Average Wetted Width (m)	0.45
Average Bankful Depth (m)	0.23
Average Water Depth (m)	0.10
Average Pool Depth (m)	0.00
WATERCOURSE MORPHOLOGY	
Watercourse Type	Intermittent with Ephemeral Characteristics
Stage (season was very dry)	Mid

PHOTOS

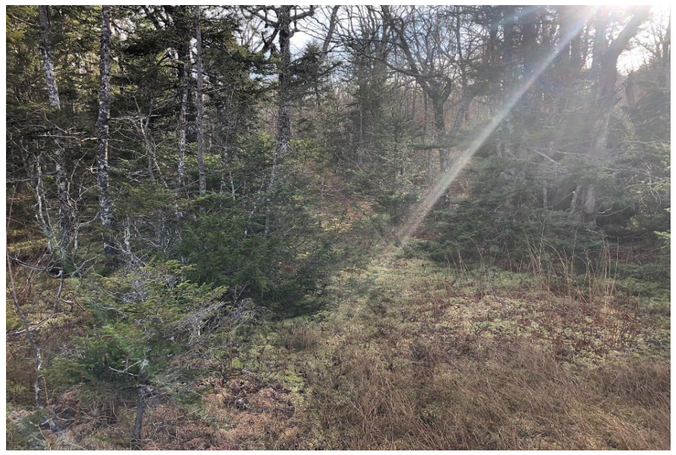

Photo 1: Wetland which connects to watercourse at WP1729.

Photo 2: Downstream of wetland at WP1729.

RIPARIAN VEGETATION SPECIES		
#	**Common Name**	**Scientific Name**
1		*#N/A*
2		*#N/A*
3		*#N/A*
4		*#N/A*
5		*#N/A*
6		*#N/A*
7		*#N/A*
8		*#N/A*
9		*#N/A*
10		*#N/A*

RIPARIAN INFORMATION	
Vegetation Stage	Mature Forest
IMPORTANT FEATURES OBSERVED	
Vegetated Across	☐
Flows into Fish Habitat Downstream	☐
Underground Sections or Groundwater	☐
Surface Flow	☐
Wetland Corridor (Flow Between Wetlands)	☑
Barrier	☐
Artificial Channelization	☐
Culvert or Bridge	☐
Water Flowing over Road (no Culvert)	☐
No Defined Channel	☐

ADDITIONAL NOTES

Wetland transition to an intermittent watercourse with ephemeral characteristics. Sphagnum banks. Frogs. Velocity of water = 0.3 m/s.

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	**Watercourse NR-WC-200b23**
General Site Location:	Nuttby B3
Watercourse Assessor(s):	CJ, IB
Affiliation:	CBCL
Field Assessment Date:	17-Aug-22
UTM Coordinates:	WP1372-1378
Datum:	UTM
SUBSTRATE	
Dominant	Fines
Subdominant	
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	N/A
Average Wetted Width (m)	N/A
Average Bankful Depth (m)	N/A
Average Water Depth (m)	N/A
Average Pool Depth (m)	N/A
WATERCOURSE MORPHOLOGY	
Watercourse Type	Ephemeral
Stage (season was very dry)	Low

PHOTOS

Photo 1: No watercourse at site.

Photo 2: No watercourse.

RIPARIAN VEGETATION SPECIES		
#	**Common Name**	**Scientific Name**
1	American Beech	*Fagus grandifolia*
2		*#N/A*
3		*#N/A*
4		*#N/A*
5		*#N/A*
6		*#N/A*
7		*#N/A*
8		*#N/A*
9		*#N/A*
10		*#N/A*
RIPARIAN INFORMATION		
Vegetation Stage	Young Forest	
IMPORTANT FEATURES OBSERVED		
Vegetated Across	☑	
Flows into Fish Habitat Downstream	☐	
Underground Sections or Groundwater	☐	
Surface Flow	☑	
Wetland Corridor (Flow Between Wetlands)	☑	
Barrier	☐	
Artificial Channelization	☐	
Culvert or Bridge	☐	
Water Flowing over Road (no Culvert)	☐	
No Defined Channel	☑	

ADDITIONAL NOTES

No defined channel. Ephemeral. Watercourse does not exist at this location and area seems man-altered. Areas appear infilled.

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	**Watercourse NR-WC-200b250**
General Site Location:	Nuttby Grid B3
Watercourse Assessor(s):	CJ
Affiliation:	CBCL
Field Assessment Date:	17-Aug-22
UTM Coordinates:	WP1399-1402
Datum:	UTM
SUBSTRATE	
Dominant	Fines
Subdominant	
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	0.75
Average Wetted Width (m)	0.42
Average Bankful Depth (m)	
Average Water Depth (m)	0.03
Average Pool Depth (m)	
WATERCOURSE MORPHOLOGY	
Watercourse Type	Ephemeral with Intermittent Characteristics
Stage (season was very dry)	Mid

PHOTOS

Photo 1: Upstream.

Photo 2: Downstream.

RIPARIAN VEGETATION SPECIES		
#	**Common Name**	**Scientific Name**
1		*#N/A*
2		*#N/A*
3		*#N/A*
4		*#N/A*
5		*#N/A*
6		*#N/A*
7		*#N/A*
8		*#N/A*
9		*#N/A*
10		*#N/A*

RIPARIAN INFORMATION	
Vegetation Stage	Mature Forest
IMPORTANT FEATURES OBSERVED	
Vegetated Across	☐
Flows into Fish Habitat Downstream	☐
Underground Sections or Groundwater	☐
Surface Flow	☑
Wetland Corridor (Flow Between Wetlands)	☑
Barrier	☐
Artificial Channelization	☐
Culvert or Bridge	☐
Water Flowing over Road (no Culvert)	☐
No Defined Channel	☑

ADDITIONAL NOTES

WP1399 - No defined channel although a channel appears to be developing. Likely intermittent out of 50 m zone. Upstream channel is ephemeral with no channel until WP1400. WP1400 - Channel becomes defined. WP1401 - Flowing water in defined channel. First sign of flowing water. Ephemeral watercourse with intermittent charactertistics.

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	**Watercourse NR-WC-200b356**
General Site Location:	Nuttby Grid B3
Watercourse Assessor(s):	CJ, IB
Affiliation:	
Field Assessment Date:	17-Aug-22
UTM Coordinates:	WP1379-1385
Datum:	UTM
SUBSTRATE	
Dominant	Fines
Subdominant	
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	1.225
Average Wetted Width (m)	0
Average Bankful Depth (m)	0
Average Water Depth (m)	0
Average Pool Depth (m)	0
WATERCOURSE MORPHOLOGY	
Watercourse Type	Ephemeral with Intermittent Characteristics
Stage (season was very dry)	Mid

PHOTOS

Photo 1: Downstream.

Photo 2: Upstream.

RIPARIAN VEGETATION SPECIES		
#	Common Name	Scientific Name
1	American Beech	*Fagus grandifolia*
2		*#N/A*
3		*#N/A*
4		*#N/A*
5		*#N/A*
6		*#N/A*
7		*#N/A*
8		*#N/A*
9		*#N/A*
10		*#N/A*

RIPARIAN INFORMATION	
Vegetation Stage	Young Forest
IMPORTANT FEATURES OBSERVED	
Vegetated Across	☑
Flows into Fish Habitat Downstream	☐
Underground Sections or Groundwater	☐
Surface Flow	☑
Wetland Corridor (Flow Between Wetlands)	☑
Barrier	☐
Artificial Channelization	☐
Culvert or Bridge	☐
Water Flowing over Road (no Culvert)	☐
No Defined Channel	☑

ADDITIONAL NOTES

No culvert. Looks like water flows over the road. No defined channel, not a wetland (WP1379). DS - defined channel starts. Intermittent watercourse, no water (WP1380). US - no defined channel is US side. Ephemeral (WP1382). Wetland edge looks disturbed (WP1383). American Beech at WP1384.

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	**Watercourse NR-WC-200b400**
General Site Location:	Nuttby Grid B3
Watercourse Assessor(s):	CJ, CM
Affiliation:	CBCL
Field Assessment Date:	21-Nov-22
UTM Coordinates:	WP1967-1969
Datum:	UTM
SUBSTRATE	
Dominant	
Subdominant	
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	1.06
Average Wetted Width (m)	0.00
Average Bankful Depth (m)	0.00
Average Water Depth (m)	0.00
Average Pool Depth (m)	0.00
WATERCOURSE MORPHOLOGY	
Watercourse Type	Ephemeral
Stage (season was very dry)	Frozen

PHOTOS

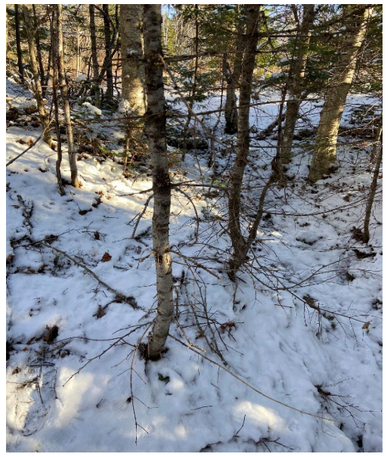

Photo 1: Habitat at WP1967.

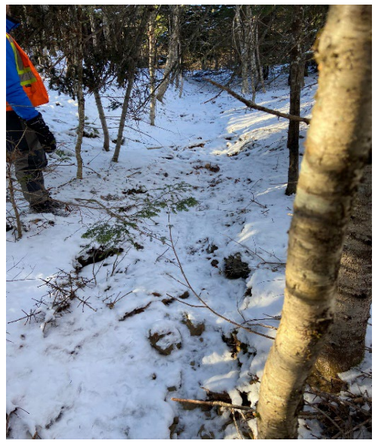

Photo 2: Dry channel at WP1967.

RIPARIAN VEGETATION SPECIES		
#	**Common Name**	**Scientific Name**
1		*#N/A*
2		*#N/A*
3		*#N/A*
4		*#N/A*
5		*#N/A*
6		*#N/A*
7		*#N/A*
8		*#N/A*
9		*#N/A*
10		*#N/A*

RIPARIAN INFORMATION	
Vegetation Stage	Mature Forest
IMPORTANT FEATURES OBSERVED	
Vegetated Across	☐
Flows into Fish Habitat Downstream	☐
Underground Sections or Groundwater	☐
Surface Flow	☑
Wetland Corridor (Flow Between Wetlands)	☐
Barrier	☐
Artificial Channelization	☐
Culvert or Bridge	☑
Water Flowing over Road (no Culvert)	☐
No Defined Channel	☐

ADDITIONAL NOTES

Not fish habitat in November. Could contain fish in high flow events. Loses definition at WP1968. WP1969 - ponded area upstream. Found a culvert. Very small, needs replacing.

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	**Watercourse NR-WC-113a13**
General Site Location:	Nuttby Grid C1
Watercourse Assessor(s):	BC, LG
Affiliation:	
Field Assessment Date:	22-Aug-22
UTM Coordinates:	WP3157
Datum:	
SUBSTRATE	
Dominant	
Subdominant	
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	
Average Wetted Width (m)	
Average Bankful Depth (m)	
Average Water Depth (m)	
Average Pool Depth (m)	
WATERCOURSE MORPHOLOGY	
Watercourse Type	Ephemeral
Stage (season was very dry)	Mid

PHOTOS

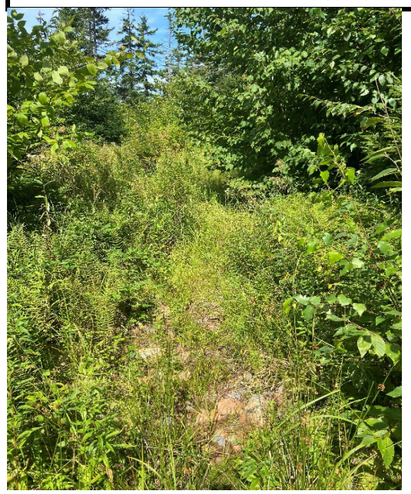

Photo 1: Habitat at WP3157.

Photo 2: Habitat at WP3157.

RIPARIAN VEGETATION SPECIES		
#	Common Name	Scientific Name
1		#N/A
2		#N/A
3		#N/A
4		#N/A
5		#N/A
6		#N/A
7		#N/A
8		#N/A
9		#N/A
10		#N/A

RIPARIAN INFORMATION	
Vegetation Stage	Shrub
IMPORTANT FEATURES OBSERVED	
Vegetated Across	☑
Flows into Fish Habitat Downstream	☐
Underground Sections or Groundwater	☐
Surface Flow	☐
Wetland Corridor (Flow Between Wetlands)	☐
Barrier	☐
Artificial Channelization	☐
Culvert or Bridge	☐
Water Flowing over Road (no Culvert)	☐
No Defined Channel	☑

ADDITIONAL NOTES

Vegetated drainage.

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	**Watercourse NR-WC-122f8**
General Site Location:	Nuttby Grid C2
Watercourse Assessor(s):	CM, BC
Affiliation:	CBCL
Field Assessment Date:	30-Aug-22
UTM Coordinates:	WP1177
Datum:	UTM
SUBSTRATE	
Dominant	Organics
Subdominant	
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	0.86
Average Wetted Width (m)	0.36
Average Bankful Depth (m)	
Average Water Depth (m)	0.04
Average Pool Depth (m)	
WATERCOURSE MORPHOLOGY	
Watercourse Type	Intermittent with Ephemeral Characteristics
Stage (season was very dry)	Low

PHOTOS

Photo 1: Wetland corridor at WP1177.

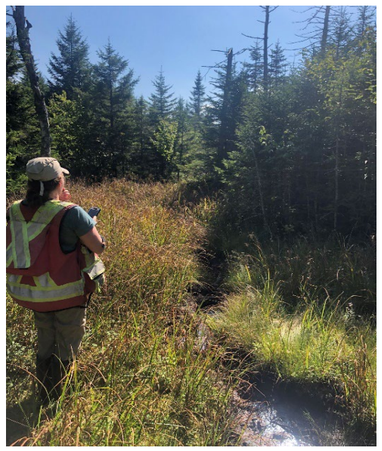

Photo 2: Wetland corridor at WP1177 (other side).

RIPARIAN VEGETATION SPECIES		
#	**Common Name**	**Scientific Name**
1		*#N/A*
2		*#N/A*
3		*#N/A*
4		*#N/A*
5		*#N/A*
6		*#N/A*
7		*#N/A*
8		*#N/A*
9		*#N/A*
10		*#N/A*

RIPARIAN INFORMATION	
Vegetation Stage	Shrub
IMPORTANT FEATURES OBSERVED	
Vegetated Across	☐
Flows into Fish Habitat Downstream	☐
Underground Sections or Groundwater	☑
Surface Flow	☐
Wetland Corridor (Flow Between Wetlands)	☑
Barrier	☐
Artificial Channelization	☐
Culvert or Bridge	☐
Water Flowing over Road (no Culvert)	☐
No Defined Channel	☐

ADDITIONAL NOTES

Wetland drainage corridors merge and turn into small intermittent channel with ephemeral characteristics. Green Frog observed in stagnant channel. No water flow.

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	**Watercourse NR-WC-122f41**
General Site Location:	Nuttby Grid C2
Watercourse Assessor(s):	BC, AC
Affiliation:	CBCL
Field Assessment Date:	31-Aug-22
UTM Coordinates:	WP3641
Datum:	UTM
SUBSTRATE	
Dominant	
Subdominant	
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	N/A
Average Wetted Width (m)	N/A
Average Bankful Depth (m)	N/A
Average Water Depth (m)	N/A
Average Pool Depth (m)	N/A
WATERCOURSE MORPHOLOGY	
Watercourse Type	Ephemeral
Stage (season was very dry)	Low

PHOTOS

Photo 1: Habitat at approximate crossing location (WP3641).

Photo 2: Another side of the habitat at WP3641.

RIPARIAN VEGETATION SPECIES		
#	**Common Name**	**Scientific Name**
1		*#N/A*
2		*#N/A*
3		*#N/A*
4		*#N/A*
5		*#N/A*
6		*#N/A*
7		*#N/A*
8		*#N/A*
9		*#N/A*
10		*#N/A*

RIPARIAN INFORMATION	
Vegetation Stage	Shrub
IMPORTANT FEATURES OBSERVED	
Vegetated Across	☑
Flows into Fish Habitat Downstream	☐
Underground Sections or Groundwater	☐
Surface Flow	☐
Wetland Corridor (Flow Between Wetlands)	☐
Barrier	☐
Artificial Channelization	☐
Culvert or Bridge	☐
Water Flowing over Road (no Culvert)	☐
No Defined Channel	☑

ADDITIONAL NOTES

Wetland.

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	**Watercourse NR-WC-122f44**
General Site Location:	Nuttby Grid C2
Watercourse Assessor(s):	AC, BC
Affiliation:	CBCL
Field Assessment Date:	31-Aug-22
UTM Coordinates:	WP049
Datum:	UTM
SUBSTRATE	
Dominant	
Subdominant	
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	0.95
Average Wetted Width (m)	0.85
Average Bankful Depth (m)	
Average Water Depth (m)	0.03
Average Pool Depth (m)	
WATERCOURSE MORPHOLOGY	
Watercourse Type	Ephemeral
Stage (season was very dry)	Low

PHOTOS

Photo 1: Upstream culvert at approximate crossing location.

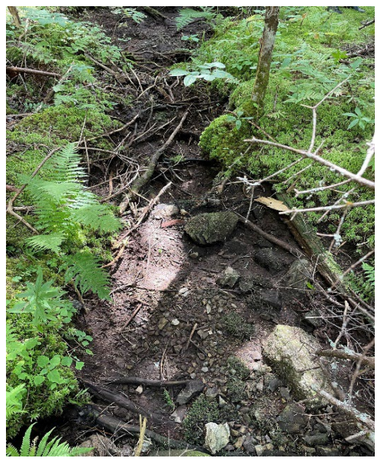

Photo 2: Looking downtream at approximate crossing location.

RIPARIAN VEGETATION SPECIES		
#	Common Name	Scientific Name
1		#N/A
2		#N/A
3		#N/A
4		#N/A
5		#N/A
6		#N/A
7		#N/A
8		#N/A
9		#N/A
10		#N/A

RIPARIAN INFORMATION	
Vegetation Stage	Mature Forest
IMPORTANT FEATURES OBSERVED	
Vegetated Across	☐
Flows into Fish Habitat Downstream	☐
Underground Sections or Groundwater	☐
Surface Flow	☐
Wetland Corridor (Flow Between Wetlands)	☐
Barrier	☐
Artificial Channelization	☐
Culvert or Bridge	☑
Water Flowing over Road (no Culvert)	☐
No Defined Channel	☐

ADDITIONAL NOTES

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	**Watercourse NR-WC-122f95**
General Site Location:	Nuttby Grid C2
Watercourse Assessor(s):	CM, BC
Affiliation:	CBCL
Field Assessment Date:	30-Aug-22
UTM Coordinates:	WP1170
Datum:	UTM
SUBSTRATE	
Dominant	Organics
Subdominant	
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	
Average Wetted Width (m)	
Average Bankful Depth (m)	
Average Water Depth (m)	
Average Pool Depth (m)	0.25
WATERCOURSE MORPHOLOGY	
Watercourse Type	Intermittent with Ephemeral Characteristics
Stage (season was very dry)	Low

PHOTOS

Photo 1: Wetland corridor at approximate crossing location (WP1170

Photo 2: Following channels through the bog at WP1170.

RIPARIAN VEGETATION SPECIES		
#	**Common Name**	**Scientific Name**
1		*#N/A*
2		*#N/A*
3		*#N/A*
4		*#N/A*
5		*#N/A*
6		*#N/A*
7		*#N/A*
8		*#N/A*
9		*#N/A*
10		*#N/A*

RIPARIAN INFORMATION	
Vegetation Stage	Shrub
IMPORTANT FEATURES OBSERVED	
Vegetated Across	☐
Flows into Fish Habitat Downstream	☐
Underground Sections or Groundwater	☑
Surface Flow	☑
Wetland Corridor (Flow Between Wetlands)	☑
Barrier	☐
Artificial Channelization	☐
Culvert or Bridge	☐
Water Flowing over Road (no Culvert)	☐
No Defined Channel	☐

ADDITIONAL NOTES

Bog. No defined continuous watercourse in the bog. Bog features wetted pools and ephemeral drainages/game paths, but there are no watercourses in the assessed priority area. CM gollowed drainage path within bog but none appeared to flow out of the bog. All appear to terminate, flow underground, or loop back into themsevles. Channel on map may be downstream of the priority area.

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	**Watercourse NR-WC-122f102**
General Site Location:	Nuttby Grid C2
Watercourse Assessor(s):	AC, BC
Affiliation:	CBCL
Field Assessment Date:	31-Aug-22
UTM Coordinates:	WP53
Datum:	UTM
SUBSTRATE	
Dominant	Organics
Subdominant	
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	0.80
Average Wetted Width (m)	0.00
Average Bankful Depth (m)	0.00
Average Water Depth (m)	0.00
Average Pool Depth (m)	0.00
WATERCOURSE MORPHOLOGY	
Watercourse Type	Ephemeral
Stage (season was very dry)	Low

PHOTOS

Photo 1: Substrate at approximate crossing location (WP53).

Photo 2: Habitat at WP53.

RIPARIAN VEGETATION SPECIES		
#	**Common Name**	**Scientific Name**
1		*#N/A*
2		*#N/A*
3		*#N/A*
4		*#N/A*
5		*#N/A*
6		*#N/A*
7		*#N/A*
8		*#N/A*
9		*#N/A*
10		*#N/A*

RIPARIAN INFORMATION	
Vegetation Stage	Shrub
IMPORTANT FEATURES OBSERVED	
Vegetated Across	☑
Flows into Fish Habitat Downstream	☐
Underground Sections or Groundwater	☐
Surface Flow	☐
Wetland Corridor (Flow Between Wetlands)	☐
Barrier	☐
Artificial Channelization	☐
Culvert or Bridge	☐
Water Flowing over Road (no Culvert)	☐
No Defined Channel	☑

ADDITIONAL NOTES

Wetland.

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	**Watercourse NR-WC-122f116**
General Site Location:	Nuttby Grid C2
Watercourse Assessor(s):	CM, BC
Affiliation:	CBCL
Field Assessment Date:	30-Aug-22
UTM Coordinates:	WP1163-1165
Datum:	UTM
SUBSTRATE	
Dominant	Gravel
Subdominant	Cobble
Subdominant	Fines
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	1.01
Average Wetted Width (m)	0.49
Average Bankful Depth (m)	
Average Water Depth (m)	0.04
Average Pool Depth (m)	
WATERCOURSE MORPHOLOGY	
Watercourse Type	Intermittent with Ephemeral Characteristics
Stage (season was very dry)	Low

PHOTOS

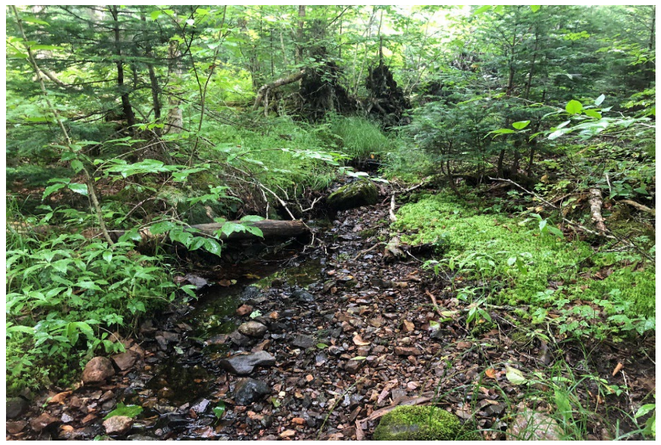

Photo 1: Upstream at approximate crossing location.

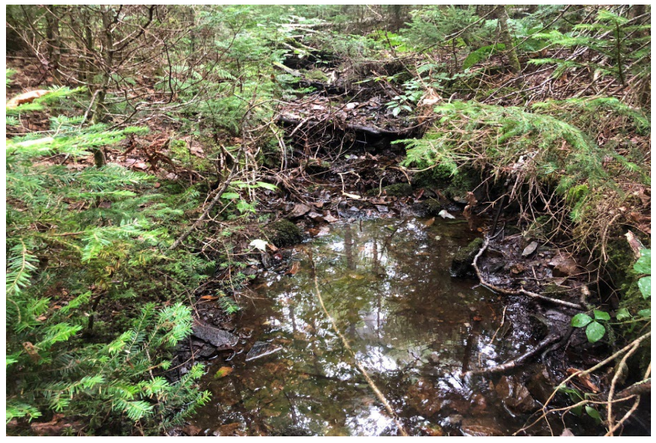

Photo 2: Downstream at approximate crossing location**.**

RIPARIAN VEGETATION SPECIES		
#	**Common Name**	**Scientific Name**
1		*#N/A*
2		*#N/A*
3		*#N/A*
4		*#N/A*
5		*#N/A*
6		*#N/A*
7		*#N/A*
8		*#N/A*
9		*#N/A*
10		*#N/A*

RIPARIAN INFORMATION	
Vegetation Stage	
IMPORTANT FEATURES OBSERVED	
Vegetated Across	☐
Flows into Fish Habitat Downstream	☐
Underground Sections or Groundwater	☐
Surface Flow	☐
Wetland Corridor (Flow Between Wetlands)	☐
Barrier	☐
Artificial Channelization	☐
Culvert or Bridge	☐
Water Flowing over Road (no Culvert)	☐
No Defined Channel	☐

ADDITIONAL NOTES

Intemittent watercourse with ephemeral characteristics. Flows north to south. Upstream - no flow, stopped assessment at north boundary of priority area. Downstream - watercourse dry in places so no flow and fragmented. This portion of the watercourse unlikely to provide fish habitat at this time of year due to lack of flow/depth and fragmented reach.