

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	Watercourse NR-WC-122d78
General Site Location:	Nuttby Grid D2
Watercourse Assessor(s):	CM
Affiliation:	CBCL
Field Assessment Date:	16-Aug-22
UTM Coordinates:	WP1143-1145, 1159-1160
Datum:	UTM
SUBSTRATE	
Dominant	
Subdominant	
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	0.14
Average Wetted Width (m)	0.07
Average Bankful Depth (m)	
Average Water Depth (m)	0.01
Average Pool Depth (m)	
WATERCOURSE MORPHOLOGY	
Watercourse Type	Ephemeral
Stage (season was very dry)	Low

PHOTOS



Photo 1: Habitat at approximate crossing location (WP1143).



Photo 2: Channel at WP1144.

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	<input checked="" type="checkbox"/>	
Flows into Fish Habitat Downstream	<input type="checkbox"/>	
Underground Sections or Groundwater	<input checked="" type="checkbox"/>	
Surface Flow	<input checked="" type="checkbox"/>	
Wetland Corridor (Flow Between Wetlands)	<input checked="" type="checkbox"/>	
Barrier	<input type="checkbox"/>	
Artificial Channelization	<input type="checkbox"/>	
Culvert or Bridge	<input type="checkbox"/>	
Water Flowing over Road (no Culvert)	<input type="checkbox"/>	
No Defined Channel	<input checked="" type="checkbox"/>	
ADDITIONAL NOTES		
WP1143 - Ephemeral drainage channel. No defined channel. WP1144 - Ephemeral drainage channel. No clearly defined channel, but there are a few wetted areas. Watercourse has intermittent characteristics for short sections before returning to ephemeral drainage. WP1145 - End of assessed area in priority corridor. Continues as ephemeral drainage in yellow lower priority area. WP1159 - Swampy wetland area with network of small drainages. No ephemeral drainage at this waypoint. Only wetted ground forming drainage network between swampy areas. WP1160 - Wetland drainage corridor continues from WP1159.		

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	Watercourse NR-WC-122d82
General Site Location:	Nuttby Grid D2
Watercourse Assessor(s):	BC AC
Affiliation:	CBCL
Field Assessment Date:	15-Aug-22
UTM Coordinates:	WP2796
Datum:	UTM
SUBSTRATE	
Dominant	Fines
Subdominant	Organics
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	0.27
Average Wetted Width (m)	0.20
Average Bankful Depth (m)	
Average Water Depth (m)	0.06
Average Pool Depth (m)	
WATERCOURSE MORPHOLOGY	
Watercourse Type	Ephemeral
Stage (season was very dry)	Low

PHOTOS



Photo 1: Ditch at WP2796.



Photo 2: Old culvert.

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	<input type="checkbox"/>	
Flows into Fish Habitat Downstream	<input type="checkbox"/>	
Underground Sections or Groundwater	<input type="checkbox"/>	
Surface Flow	<input type="checkbox"/>	
Wetland Corridor (Flow Between Wetlands)	<input type="checkbox"/>	
Barrier	<input type="checkbox"/>	
Artificial Channelization	<input type="checkbox"/>	
Culvert or Bridge	<input checked="" type="checkbox"/>	
Water Flowing over Road (no Culvert)	<input type="checkbox"/>	
No Defined Channel	<input type="checkbox"/>	
ADDITIONAL NOTES		
Ditches on both sides of road.		

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	Watercourse NR-WC-122d91
General Site Location:	Nuttby Grid D2
Watercourse Assessor(s):	BC
Affiliation:	CBCL
Field Assessment Date:	17-Aug-22
UTM Coordinates:	WP3084-3084
Datum:	UTM
SUBSTRATE	
Dominant	
Subdominant	
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	1.50
Average Wetted Width (m)	1.35
Average Bankful Depth (m)	
Average Water Depth (m)	0.09
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	Mature Forest	
IMPORTANT FEATURES OBSERVED		
Vegetated Across	<input type="checkbox"/>	
Flows into Fish Habitat Downstream	<input type="checkbox"/>	
Underground Sections or Groundwater	<input type="checkbox"/>	
Surface Flow	<input type="checkbox"/>	
Wetland Corridor (Flow Between Wetlands)	<input type="checkbox"/>	
Barrier	<input type="checkbox"/>	
Artificial Channelization	<input type="checkbox"/>	
Culvert or Bridge	<input type="checkbox"/>	
Water Flowing over Road (no Culvert)	<input type="checkbox"/>	
No Defined Channel	<input type="checkbox"/>	
ADDITIONAL NOTES		
Merges with WP3085.		

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	Watercourse NR-WC-122d94
General Site Location:	Nuttby Grid D2
Watercourse Assessor(s):	BC, AC, CM, IB
Affiliation:	CBCL
Field Assessment Date:	17-Aug-22
UTM Coordinates:	3, 3044,; AC: WP559; CM: WP
Datum:	UTM
SUBSTRATE	
Dominant	Gravel
Subdominant	Fines
Subdominant	Organics
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	1.00
Average Wetted Width (m)	0.38
Average Bankful Depth (m)	
Average Water Depth (m)	0.05
Average Pool Depth (m)	
WATERCOURSE MORPHOLOGY	
Watercourse Type	Intermittent with Ephemeral Characteristics
Stage (season was very dry)	Mid

PHOTOS



Photo 1: Habitat upstream at approximate crossing location.



Photo 2: Habitat 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	Mature Forest	
IMPORTANT FEATURES OBSERVED		
Vegetated Across	<input type="checkbox"/>	
Flows into Fish Habitat Downstream	<input checked="" type="checkbox"/>	
Underground Sections or Groundwater	<input checked="" type="checkbox"/>	
Surface Flow	<input checked="" type="checkbox"/>	
Wetland Corridor (Flow Between Wetlands)	<input type="checkbox"/>	
Barrier	<input type="checkbox"/>	
Artificial Channelization	<input type="checkbox"/>	
Culvert or Bridge	<input type="checkbox"/>	
Water Flowing over Road (no Culvert)	<input type="checkbox"/>	
No Defined Channel	<input type="checkbox"/>	
ADDITIONAL NOTES		

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	Watercourse NR-WC-122d103
General Site Location:	Nuttby Grid D2
Watercourse Assessor(s):	BC
Affiliation:	CBCL
Field Assessment Date:	17-Aug-22
UTM Coordinates:	WP3072
Datum:	UTM
SUBSTRATE	
Dominant	Fines
Subdominant	
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	1.96
Average Wetted Width (m)	1.50
Average Bankful Depth (m)	
Average Water Depth (m)	0.09
Average Pool Depth (m)	
WATERCOURSE MORPHOLOGY	
Watercourse Type	Intermittent with Ephemeral Characteristics
Stage (season was very dry)	Mid

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	Mature Forest	
IMPORTANT FEATURES OBSERVED		
Vegetated Across	<input type="checkbox"/>	
Flows into Fish Habitat Downstream	<input type="checkbox"/>	
Underground Sections or Groundwater	<input checked="" type="checkbox"/>	
Surface Flow	<input type="checkbox"/>	
Wetland Corridor (Flow Between Wetlands)	<input type="checkbox"/>	
Barrier	<input type="checkbox"/>	
Artificial Channelization	<input type="checkbox"/>	
Culvert or Bridge	<input type="checkbox"/>	
Water Flowing over Road (no Culvert)	<input type="checkbox"/>	
No Defined Channel	<input type="checkbox"/>	
ADDITIONAL NOTES		
Watercourse branches.		

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	Watercourse NR-WC-122d105
General Site Location:	Nuttby Grid D2
Watercourse Assessor(s):	AC
Affiliation:	CBCL
Field Assessment Date:	17-Aug-22
UTM Coordinates:	WP561, 562, 564-570
Datum:	UTM
SUBSTRATE	
Dominant	Fines
Subdominant	Cobble
Subdominant	Organics
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 with Intermittent Characteristics
Stage (season was very dry)	Low

PHOTOS



Photo 1: Downstream.

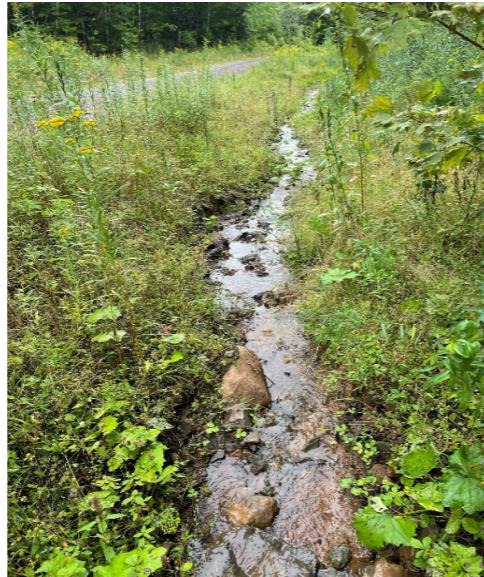


Photo 2: Upstream.

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	<input type="checkbox"/>	
Flows into Fish Habitat Downstream	<input type="checkbox"/>	
Underground Sections or Groundwater	<input type="checkbox"/>	
Surface Flow	<input checked="" type="checkbox"/>	
Wetland Corridor (Flow Between Wetlands)	<input type="checkbox"/>	
Barrier	<input type="checkbox"/>	
Artificial Channelization	<input checked="" type="checkbox"/>	
Culvert or Bridge	<input type="checkbox"/>	
Water Flowing over Road (no Culvert)	<input type="checkbox"/>	
No Defined Channel	<input type="checkbox"/>	
ADDITIONAL NOTES		
Ditch along road not a watercourse.		

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	Watercourse NR-WC-122d123
General Site Location:	Nuttby Grid D2
Watercourse Assessor(s):	BC AC
Affiliation:	CBCL
Field Assessment Date:	15-Aug-22
UTM Coordinates:	WP2782
Datum:	UTM
SUBSTRATE	
Dominant	Cobble
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)	Dry

PHOTOS



Photo 1: Dry channel at approximate crossing location (WP2782).

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	<input checked="" type="checkbox"/>	
Flows into Fish Habitat Downstream	<input type="checkbox"/>	
Underground Sections or Groundwater	<input type="checkbox"/>	
Surface Flow	<input type="checkbox"/>	
Wetland Corridor (Flow Between Wetlands)	<input type="checkbox"/>	
Barrier	<input type="checkbox"/>	
Artificial Channelization	<input checked="" type="checkbox"/>	
Culvert or Bridge	<input type="checkbox"/>	
Water Flowing over Road (no Culvert)	<input type="checkbox"/>	
No Defined Channel	<input checked="" type="checkbox"/>	
ADDITIONAL NOTES		
Man-made ditch on southeast side of the road.		

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	Watercourse NR-WC-111a54
General Site Location:	Nuttby Grid E1/E2
Watercourse Assessor(s):	AC BC
Affiliation:	CBCL
Field Assessment Date:	01-Sep-22
UTM Coordinates:	WP87
Datum:	UTM
SUBSTRATE	
Dominant	Organics
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)	Dry

PHOTOS



Photo 1: Channel off of PH4-WC-21 at approximate crossing location.



Photo 2: Channel off of PH4-WC-21 (continued).

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	<input checked="" type="checkbox"/>	
Flows into Fish Habitat Downstream	<input type="checkbox"/>	
Underground Sections or Groundwater	<input type="checkbox"/>	
Surface Flow	<input checked="" type="checkbox"/>	
Wetland Corridor (Flow Between Wetlands)	<input type="checkbox"/>	
Barrier	<input type="checkbox"/>	
Artificial Channelization	<input type="checkbox"/>	
Culvert or Bridge	<input type="checkbox"/>	
Water Flowing over Road (no Culvert)	<input type="checkbox"/>	
No Defined Channel	<input checked="" type="checkbox"/>	
ADDITIONAL NOTES		
Tributary off of PH4-WC-21. No photos in notes.		

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	Watercourse NR-WC-111a71
General Site Location:	Nuttby Grid E1/E2
Watercourse Assessor(s):	AC BC
Affiliation:	CBCL
Field Assessment Date:	01-Sep-22
UTM Coordinates:	WP83, 84
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)	Dry

PHOTOS



Photo 1: Habitat at approximate crossing location (WP83).



Photo 2: Habitat at WP83.

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	<input checked="" type="checkbox"/>	
Flows into Fish Habitat Downstream	<input type="checkbox"/>	
Underground Sections or Groundwater	<input type="checkbox"/>	
Surface Flow	<input checked="" type="checkbox"/>	
Wetland Corridor (Flow Between Wetlands)	<input checked="" type="checkbox"/>	
Barrier	<input type="checkbox"/>	
Artificial Channelization	<input type="checkbox"/>	
Culvert or Bridge	<input type="checkbox"/>	
Water Flowing over Road (no Culvert)	<input type="checkbox"/>	
No Defined Channel	<input checked="" type="checkbox"/>	
ADDITIONAL NOTES		
Ephemeral drainage. No channel. Pink flagging tape all along.		

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	Watercourse NR-WC-111a137
General Site Location:	Nuttby Grid E1/E2
Watercourse Assessor(s):	AC BC
Affiliation:	CBCL
Field Assessment Date:	01-Sep-22
UTM Coordinates:	WP88-90
Datum:	UTM
SUBSTRATE	
Dominant	Organics
Subdominant	
Subdominant	
Trace	
Trace	
Trace	
CHANNEL MEASUREMENTS	
Average Channel Width (m)	0.45
Average Wetted Width (m)	0.35
Average Bankful Depth (m)	
Average Water Depth (m)	0.09
Average Pool Depth (m)	
WATERCOURSE MORPHOLOGY	
Watercourse Type	Intermittent with Ephemeral Characteristics
Stage (season was very dry)	Low

PHOTOS



Photo 1: Downstream at approximate crossing location.



Photo 2: Upstream 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	<input type="checkbox"/>	
Flows into Fish Habitat Downstream	<input type="checkbox"/>	
Underground Sections or Groundwater	<input type="checkbox"/>	
Surface Flow	<input checked="" type="checkbox"/>	
Wetland Corridor (Flow Between Wetlands)	<input type="checkbox"/>	
Barrier	<input type="checkbox"/>	
Artificial Channelization	<input type="checkbox"/>	
Culvert or Bridge	<input type="checkbox"/>	
Water Flowing over Road (no Culvert)	<input type="checkbox"/>	
No Defined Channel	<input type="checkbox"/>	
ADDITIONAL NOTES		
No culvert. WP89 is the crossing. WP90 is upstream. WP88 is downstream.		

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	Watercourse NR-WC-122a21
General Site Location:	Nuttby Grid E1/E2
Watercourse Assessor(s):	AC BC
Affiliation:	CBCL
Field Assessment Date:	01-Sep-22
UTM Coordinates:	WP94
Datum:	UTM
SUBSTRATE	
Dominant	Organics
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)	Dry

PHOTOS



Photo 1: Not a watercourse at this section.



Photo 2: Another angle of wetland at this 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	Shrub	
IMPORTANT FEATURES OBSERVED		
Vegetated Across	<input checked="" type="checkbox"/>	
Flows into Fish Habitat Downstream	<input type="checkbox"/>	
Underground Sections or Groundwater	<input type="checkbox"/>	
Surface Flow	<input checked="" type="checkbox"/>	
Wetland Corridor (Flow Between Wetlands)	<input type="checkbox"/>	
Barrier	<input type="checkbox"/>	
Artificial Channelization	<input type="checkbox"/>	
Culvert or Bridge	<input type="checkbox"/>	
Water Flowing over Road (no Culvert)	<input type="checkbox"/>	
No Defined Channel	<input checked="" type="checkbox"/>	
ADDITIONAL NOTES		
Predicted watercourse not observed. Observed to be a wetland instead of watercourse.		

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	Watercourse NR-WC-122a69
General Site Location:	Nuttby E1/E2
Watercourse Assessor(s):	AC BC
Affiliation:	CBCL
Field Assessment Date:	01-Sep-22
UTM Coordinates:	WP72
Datum:	
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)	Dry

PHOTOS



Photo 1: Habitat at WP72.



Photo 2: Habitat at WP72.

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	<input checked="" type="checkbox"/>	
Flows into Fish Habitat Downstream	<input type="checkbox"/>	
Underground Sections or Groundwater	<input type="checkbox"/>	
Surface Flow	<input checked="" type="checkbox"/>	
Wetland Corridor (Flow Between Wetlands)	<input type="checkbox"/>	
Barrier	<input type="checkbox"/>	
Artificial Channelization	<input type="checkbox"/>	
Culvert or Bridge	<input type="checkbox"/>	
Water Flowing over Road (no Culvert)	<input type="checkbox"/>	
No Defined Channel	<input checked="" type="checkbox"/>	
ADDITIONAL NOTES		

Watercourse Fact Sheet: Not Fish Habitat

WATERCOURSE INFORMATION	
Watercourse ID:	Watercourse NR-WC-122a20
General Site Location:	Nuttby Grid E2
Watercourse Assessor(s):	BC AC
Affiliation:	CBCL
Field Assessment Date:	01-Sep-22
UTM Coordinates:	WP3789
Datum:	UTM
SUBSTRATE	
Dominant	Organics
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)	Dry

PHOTOS



Photo 1: Overgrown channel at approximate crossing location (WP3789)



Photo 2: Other side of overgrown channel.

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	<input checked="" type="checkbox"/>	
Flows into Fish Habitat Downstream	<input type="checkbox"/>	
Underground Sections or Groundwater	<input type="checkbox"/>	
Surface Flow	<input checked="" type="checkbox"/>	
Wetland Corridor (Flow Between Wetlands)	<input type="checkbox"/>	
Barrier	<input type="checkbox"/>	
Artificial Channelization	<input type="checkbox"/>	
Culvert or Bridge	<input type="checkbox"/>	
Water Flowing over Road (no Culvert)	<input type="checkbox"/>	
No Defined Channel	<input checked="" type="checkbox"/>	
ADDITIONAL NOTES		
Pink watercourse (mapping code).		

APPENDIX C

Water Quality Data

Ammonia Nitrogen (NH3-N)

5.38 Average Site pH
 17.94 Average water temp
 48 Total Ammonia (see table below)
 39.48 Ammonia Nitrogen Guideline

Temp (°C)	pH							
	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10
0	231	73.0	23.1	7.32	2.33	0.749	0.250	0.042
5	153	48.3	15.3	4.84	1.54	0.502	0.172	0.034
10	102	32.4	10.3	3.26	1.04	0.343	0.121	0.029
15	69.7	22.0	6.98	2.22	0.715	0.239	0.089	0.026
20	48.0	15.2	4.82	1.54	0.499	0.171	0.067	0.024
25	33.5	10.6	3.37	1.08	0.354	0.125	0.053	0.022
30	23.7	7.50	2.39	0.767	0.256	0.094	0.043	0.021

Round to most conservative guideline

Aluminum

5.38 Average Site pH
 5 Guideline

Cadmium

6.14 Average Site hardness
 0.00 Guideline if hardness is between 17 and 280
 0.04 Guideline if hardness is <17 or >280

Copper

6.14 Average Site hardness
 0 Guideline if hardness is between 82 and 180
 2 Guideline if hardness is <82 or >180

Lead

6.14 Average Site hardness
 0 Guideline if hardness is between 60 and 180
 1 Guideline if hardness is <60 or >180

Manganese

Water hardness (mg/L as CaCO ₃)	pH 5.8	pH 6.0	pH 6.3	pH 6.5	pH 6.7	pH 7.0	pH 7.2	pH 7.5	pH 7.7	pH 8.0	pH 8.4
25–49	290	290	310	330	350	380	380	350	320	270	200
50–74	390	400	430	460	490	500	490	430	390	320	220
75–99	470	480	530	560	590	590	560	490	440	350	240
100–124	530	550	610	640	670	650	610	530	470	370	250
125–149	590	620	670	710	730	710	660	570	500	390	260
150–174	640	670	740	770	790	750	700	600	520	400	260
175–199	690	720	790	830	840	790	730	620	540	420	270
200–299	730	770	840	880	890	830	760	640	560	430	270
300–399	880	940	1000	1000	1000	940	860	710	610	460	290
400–669	1000	1100	1200	1200	1200	1000	930	770	650	480	300
≥670	1300	1400	1500	1400	1400	1200	1100	860	720	520	320

Nickel

6.14 Average Site Hardness

0.00 Guideline if hardness is between 60 and 180

25 Guideline if hardness is <60 or >180

Zinc

6.14 Average Site Hardness

5.38 Average Site pH

0.5 Average Site DOC (mg/L)

5.4 Guideline (long-term)

6 Guideline (short-term)

Long-term guideline equation valid for hardness of 23.4 - 399, pH of 6.5 - 8.13, and DOC 0.3 - 22.9