

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 104A.035 ILP # 7017 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): BELL-IRVING RIVER Project Code: 20255  
 Project Watershed Code: 560-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 104A.035 ILP #: 7017 NID Map #: 104A.035 NID #: 70016 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 50 Method: GE Access: V4  
 GIS UTM (Z.E.N): 9.490750.6240069 Ref. Name:  
 Date: 2010/08/23 Time: 12:30 Agency: C660 Crew: GK RD Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T											0.00	Method I:		C	0.00
Wetted Width (m):	MS											0.00	Method II:		C	
Pool Depth (m):	MS											0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE

INSTREAM VEG: N  A  M  V

LWD: DIST:  
 LB SHP: Texture: F  G  C  B  R  A   
 RIP: STG:

RB SHP: Texture: F  G  C  B  R  A   
 RIP: STG:

## WATER

EMS: Req #: Method: T5 Cond.: Method: S3  
 Temp: Method: P2 Turb.: T  M  L  C  Method: GE  
 pH: Method: Flood Signs:

## MORPHOLOGY

Bed Material: Dominant: Subdom: O1 B1 B2 B3 D1 D2 D3  
 D95: D (cm): Morph: DISTURBANCE INDICATORS            
 Pattern: C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands:                 
 Coupling: Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: FSZ:

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 7017 F: 0357		D	
R: 7017 F: 0358		U	Culvert

## COMMENTS

Section	Comments
CHANNEL	NCD - 45% slope, dry but looks like water flows off of hillslope in spring



Stream/ILP: 7017 Image: 0357 Comment: Downstream, . 8/23/2010.



Stream/ILP: 7017 Image: 0358 Comment: Upstream, Culvert. 8/23/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 104A.025 ILP # 7021 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): BELL-IRVING RIVER Project Code: 20255  
 Project Watershed Code: 560-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 104A.025 ILP #: 7021 NID Map #: 104A.025 NID #: 70023 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.492183.6237881 Ref. Name:  
 Date: 2010/08/26 Time: 10:04 Agency: C660 Crew: GK RTB Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T											0.00	Method I:		C	0.00
Wetted Width (m):	MS											0.00	Method II:		C	
Pool Depth (m):	MS											0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE  
 INSTREAM VEG: N  A  M  V

LWD: DIST:  
 LB SHP: RB SHP:  
 Texture: F  G  C  B  R  A   
 RIP: STG:

## WATER

EMS: Req #:  
 Temp: Method: T5 Cond.: Method: S3  
 pH: Method: P2 Turb.: T  M  L  C  Method: GE  
 Flood Signs: Method: GE

## MORPHOLOGY

Bed Material: Dominant: Subdom: O1 B1 B2 B3 D1 D2 D3  
 D95: D (cm): Morph: DISTURBANCE INDICATORS            
 Pattern: C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands:              
 Coupling: Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: FSZ:

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 7021 F: 0396		U	
R: 7021 F: 0397		D	With Russell

## COMMENTS

Section	Comments
CHANNEL	NCD





Stream/ILP: 7021 Image: 0396 Comment: Upstream, . 8/26/2010.



Stream/ILP: 7021 Image: 0397 Comment: Downstream, With assistant. 8/26/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 104A.025 ILP # 7022 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): BELL-IRVING RIVER Project Code: 20255  
 Project Watershed Code: 560-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 104A.025 ILP #: 7022 NID Map #: 104A.025 NID #: 70024 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.492359.6237702 Ref. Name:  
 Date: 2010/08/26 Time: 10:30 Agency: C660 Crew: GK RTB Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T											0.00	Method I:		C	0.00
Wetted Width (m):	MS											0.00	Method II:		C	
Pool Depth (m):	MS											0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE

INSTREAM VEG: N  A  M  V

LWD: DIST:  
 LB SHP: Texture: F  G  C  B  R  A   
 RIP: STG:

RB SHP: Texture: F  G  C  B  R  A   
 RIP: STG:

## WATER

EMS: Req #: Method: T5 Cond.: Method: S3  
 Temp: Method: P2 Turb.: T  M  L  C  Method: GE  
 pH: Method: GE  
 Flood Signs:

## MORPHOLOGY

Bed Material: Dominant: Subdom: O1 B1 B2 B3 D1 D2 D3  
 D95: D (cm): Morph: DISTURBANCE INDICATORS            
 Pattern: C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands:                 
 Coupling: Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: FSZ:

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 7022 F: 0398		D	With Russell
R: 7022 F: 0399		U	

## COMMENTS

Section	Comments
CHANNEL	NCD - No culvert at road crossing. Drainage must pool up above road and soak thru rock/gravel below





Stream/ILP: 7022 Image: 0398 Comment: Downstream, With assistant. 8/26/2010.



Stream/ILP: 7022 Image: 0399 Comment: Upstream, . 8/26/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 104A.025 ILP # 7023 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): BELL-IRVING RIVER Project Code: 20255  
 Project Watershed Code: 560-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 104A.025 ILP #: 7023 NID Map #: 104A.025 NID #: 70025 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 50 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.492493.6237513 Ref. Name:  
 Date: 2010/08/26 Time: 10:35 Agency: C660 Crew: GK RTB Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T											0.00	Method I:		C	0.00
Wetted Width (m):	MS											0.00	Method II:		C	
Pool Depth (m):	MS											0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE  
 INSTREAM VEG: N  A  M  V   
 LB SHP: RB SHP:  
 Texture: F  G  C  B  R  A   
 RIP: STG:

## WATER

EMS: Req #: Method: T5 Cond.: Method: S3  
 Temp: Method: P2 Turb.: T  M  L  C  Method: GE  
 pH: Method: GE  
 Flood Signs:

## MORPHOLOGY

Bed Material:	Dominant:	Subdom:	O1	B1	B2	B3	D1	D2	D3			
D95:	D (cm):	Morph:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Pattern:			DISTURBANCE INDICATORS									
Islands:			C1	C2	C3	C4	C5	S1	S2	S3	S4	S5
Coupling:			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Confinement:			Bars: N <input type="checkbox"/> SIDE <input type="checkbox"/> DIAG <input type="checkbox"/> MID <input type="checkbox"/> SPAN <input type="checkbox"/> BR <input type="checkbox"/>									
FSZ: <input type="checkbox"/>												

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 7023 F: 0400		D	
R: 7023 F: 0401		U	

## COMMENTS

Section	Comments
CHANNEL	NCD





Stream/ILP: 7023 Image: 0400 Comment: Downstream, . 8/26/2010.



Stream/ILP: 7023 Image: 0401 Comment: Upstream, . 8/26/2010.



# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 104A.025 ILP # 7024 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): BELL-IRVING RIVER Project Code: 20255  
 Project Watershed Code: 560-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 104A.025 ILP #: 7024 NID Map #: 104A.025 NID #: 70026 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.492629.6237559 Ref. Name:  
 Date: 2010/08/26 Time: 11:15 Agency: C660 Crew: GK RTB Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg		
Channel Width (m):	T	3.30	1.50	4.00	2.40	4.00	3.10					3.05		Method I:	2.0	5.0	C	4.67
Wetted Width (m):	MS	2.40	1.40	2.00	2.10	3.00	2.80					2.28		Method II:	7.0		C	
Pool Depth (m):	MS	0.30	0.20	0.20								0.23						

Wb Depth: .3 .5 .5 Avg: 0.43 Method: MS Stage: L  M  H  No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total: A

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	T	S	D	T	T	S	N
Loc: P/S/O:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CROWN CLOSURE

4 71-90%

INSTREAM VEG: N  A  M  V

LWD: A DIST: E

LB SHP: V

Texture: F  G  C  B  R  A

RIP: C

STG: MF

RB SHP: V

Texture: F  G  C  B  R  A

RIP: C

STG: MF

## WATER

EMS: Temp: 9 Method: T5 Req #: Cond.: Method: S3  
 pH: 7.1 Method: P2 Turb.: T  M  L  C  Method: GE  
 Flood Signs: NONE Method: GE

## MORPHOLOGY

Bed Material: Dominant: G Subdom: C O1 B1 B2 B3 D1 D2 D3  
 D95: 70.0 D (cm): 20.0 Morph: CP DISTURBANCE INDICATORS          
 Pattern: IR C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands: O            
 Coupling: CO Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: CO  
 FSZ:

## HABITAT QUALITY

Name	Comments
OverWinter Habitat	POOR - Few pools / small creek
Rearing Habitat	GOOD - Lots of cover
Spawning Habitat	GOOD - For small resident fish

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 7024 F: 0405		D	With Russell
R: 7024 F: 0406		U	

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
Reach # 1.0 ILP Map # 104A.025 ILP # 7024 Site 1

COMMENTS	
Section	Comments
CHANNEL	S3 - Default. Road crossing old log crib bridge no barrier to fish. Suspect down stream gradient barrier possibly at mainstem confluence.





Stream/ILP: 7024 Image: 0405 Comment: Downstream, With assistant. 8/26/2010.



Stream/ILP: 7024 Image: 0406 Comment: Upstream, . 8/26/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 104A.025 ILP # 7025 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): BELL-IRVING RIVER Project Code: 20255  
 Project Watershed Code: 560-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 104A.025 ILP #: 7025 NID Map #: 104A.025 NID #: 70027 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.493136.6236822 Ref. Name:  
 Date: 2010/08/26 Time: 12:15 Agency: C660 Crew: GK RTB Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T											0.00	Method I:		C	0.00
Wetted Width (m):	MS											0.00	Method II:		C	
Pool Depth (m):	MS											0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE

INSTREAM VEG: N  A  M  V

LWD: DIST:  
 LB SHP: Texture: F  G  C  B  R  A   
 RIP: STG:

RB SHP: Texture: F  G  C  B  R  A   
 RIP: STG:

## WATER

EMS: Req #: Method: T5 Cond.: Method: S3  
 Temp: Method: P2 Turb.: T  M  L  C  Method: GE  
 pH: Method: GE  
 Flood Signs:

## MORPHOLOGY

Bed Material: Dominant: Subdom: O1 B1 B2 B3 D1 D2 D3  
 D95: D (cm): Morph: DISTURBANCE INDICATORS            
 Pattern: C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands:                 
 Coupling: Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: FSZ:

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 7025 F: 0407		U	
R: 7025 F: 0408		D	

## COMMENTS

Section	Comments
CHANNEL	NCD





Stream/ILP: 7025 Image: 0407 Comment: Upstream, . 8/26/2010.



Stream/ILP: 7025 Image: 0408 Comment: Downstream, . 8/26/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.096 ILP # 8000 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: \_\_\_\_\_ Local Name: \_\_\_\_\_  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.096 ILP #: 8000 NID Map #: 103P.096 NID #: 80001 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: \_\_\_\_\_ Site Lg: 100 Method: O Access: H  
 GIS UTM (Z.E.N): 9.502163.6195320 Ref. Name: \_\_\_\_\_  
 Date: 2010/08/20 Time: 12:50 Agency: C660 Crew: MJ VR Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T											0.00	Method I:		C	0.00
Wetted Width (m):	MS											0.00	Method II:		C	
Pool Depth (m):	MS											0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE

INSTREAM VEG: N  A  M  V

LWD: \_\_\_\_\_ DIST: \_\_\_\_\_  
 LB SHP: \_\_\_\_\_  
 Texture: F  G  C  B  R  A   
 RIP: \_\_\_\_\_  
 STG: \_\_\_\_\_

RB SHP: \_\_\_\_\_  
 Texture: F  G  C  B  R  A   
 RIP: \_\_\_\_\_  
 STG: \_\_\_\_\_

## WATER

EMS: \_\_\_\_\_ Req #: \_\_\_\_\_  
 Temp: \_\_\_\_\_ Method: T5 Cond.: \_\_\_\_\_ Method: S3  
 pH: \_\_\_\_\_ Method: P2 Turb.: T  M  L  C  Method: GE  
 Flood Signs: \_\_\_\_\_ Method: GE

## MORPHOLOGY

Bed Material: Dominant: \_\_\_\_\_ Subdom: \_\_\_\_\_ O1 B1 B2 B3 D1 D2 D3  
 D95: D (cm): \_\_\_\_\_ Morph: \_\_\_\_\_ DISTURBANCE INDICATORS            
 Pattern: \_\_\_\_\_ C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands: \_\_\_\_\_                 
 Coupling: \_\_\_\_\_  
 Confinement: \_\_\_\_\_ Bars: N  SIDE  DIAG  MID  SPAN  BR   
 FSZ:

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 8000 F: 2516	TE	D	Site Card
R: 8000 F: 2517	STD	U	Book for scale
R: 8000 F: 2518	STD	D	Book for scale

## COMMENTS

Section	Comments
CHANNEL	NCD





Stream/ILP: 8000 Image: 2517 Comment: Upstream, Book for scale. 8/20/2010.



Stream/ILP: 8000 Image: 2518 Comment: Downstream, Book for scale. 8/20/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.096 ILP # 8001 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.096 ILP #: 8001 NID Map #: 103P.096 NID #: 80021 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.502165.6195494 Ref. Name:  
 Date: 2010/08/20 Time: 13:10 Agency: C660 Crew: MJ VR Fish Crd?:  Incomplete:

## CHANNEL

Mtd	width	width	width	width	width	width	width	width	width	width	width	Avg	Gadient %	Mtd	Avg	
Channel Width (m):	T											0.00	Method I:		C	0.00
Wetted Width (m):	MS											0.00	Method II:		C	
Pool Depth (m):	MS											0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE  
 INSTREAM VEG: N  A  M  V   
 LB SHP: RB SHP:  
 Texture: F  G  C  B  R  A   
 RIP: STG:

## WATER

EMS: Req #: Method: T5 Cond.: Method: S3  
 Temp: Method: P2 Turb.: T  M  L  C  Method: GE  
 pH: Method: GE  
 Flood Signs:

## MORPHOLOGY

Bed Material:	Dominant:	Subdom:	O1	B1	B2	B3	D1	D2	D3			
D95:	D (cm):	Morph:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Pattern:			DISTURBANCE INDICATORS									
Islands:			C1	C2	C3	C4	C5	S1	S2	S3	S4	S5
Coupling:			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Confinement:			Bars: N <input type="checkbox"/> SIDE <input type="checkbox"/> DIAG <input type="checkbox"/> MID <input type="checkbox"/> SPAN <input type="checkbox"/> BR <input type="checkbox"/>									
FSZ: <input type="checkbox"/>												

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 8001 F: 2519	TE	X	Stream Card photo
R: 8001 F: 2520	STD	X	book 4 SC

## COMMENTS

Section	Comments
CHANNEL	NCD - Seepate through swale - NFH



Stream/ILP: 8001 Image: 2520 Comment: Across, Book for scale. 8/20/2010.



# FDIS Site Card

Watershed Code: 000-000000-00000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.096 ILP # 8002 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.096 ILP #: 8002 NID Map #: 103P.096 NID #: 80002 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: O Access: H  
 GIS UTM (Z.E.N): 9.502164.6195633 Ref. Name:  
 Date: 2010/08/20 Time: 13:35 Agency: C660 Crew: MJ VR Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg	
Channel Width (m):	T	3.30	2.80	2.90	2.60	2.90	2.20					2.78	Method I:	2.5	3.0	AL	3.88
Wetted Width (m):	MS	1.10	1.50	1.40	0.90	1.30	1.40					1.27	Method II:	4.0	6.0	AL	
Pool Depth (m):	MS	0.12	0.26	0.39	0.18							0.24					

Wb Depth: .3 .3 .3 Avg: 0.30 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total: A

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	T	T	T	N	S	D	T
Loc: P/S/O:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CROWN CLOSURE

2 21-40%

INSTREAM VEG: N  A  M  V

LWD: F DIST: C

LB SHP: V

Texture: F  G  C  B  R  A

RIP: C

STG: MF

RB SHP: V

Texture: F  G  C  B  R  A

RIP: C

STG: MF

## WATER

EMS: Req #: Temp: 12 Method: T4 Cond.: 70 Method: S4  
 pH: 7.0 Method: P2 Turb.: T  M  L  C  Method: GE  
 Flood Signs: NONE Method: GE

## MORPHOLOGY

Bed Material: Dominant: G Subdom: R O1 B1 B2 B3 D1 D2 D3  
 D95: 400.0 D (cm): 16.00 Morph: CP DISTURBANCE INDICATORS         
 Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands: N            
 Coupling: CO Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: CO  
 FSZ:

## HABITAT QUALITY

Name	Comments
OverWinter Habitat	Poor - one suitable pool found
Spawning Habitat	None - Angular and mixed substrate
Rearing Habitat	Fair - Useable in a few pools protected by rock and LWD

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 8002 F: 2521	TE	X	SC PAGE
R: 8002 F: 2522	STD	U	Book for Scale
R: 8002 F: 2523	STD	D	Book for Scale

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000

Reach #	ILP Map #	ILP #	Site
1.0	103P.096	8002	1

COMMENTS	
Section	Comments
CHANNEL	S3



Stream/ILP: 8002 Image: 2522 Comment: Upstream, Book for scale. 8/20/2010.



Stream/ILP: 8002 Image: 2523 Comment: Downstream, Book for scale. 8/20/2010.



# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.096 ILP # 8003 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: \_\_\_\_\_ Local Name: \_\_\_\_\_  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.096 ILP #: 8003 NID Map #: 103P.096 NID #: 80003 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: \_\_\_\_\_ Site Lg: 100 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.502164.6196216 Ref. Name: \_\_\_\_\_  
 Date: 2010/08/20 Time: 14:30 Agency: C660 Crew: MT VR Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg	Gadient %		Mtd	Avg	
Channel Width (m):	T	1.80	1.60	1.30	1.10	1.20	0.80					1.30	Method I:	1.0	1.5	AL	1.38
Wetted Width (m):	MS	0.30	1.00	0.40	0.80	1.10	0.50					0.68	Method II:	1.5	1.5	AL	
Pool Depth (m):	MS	0.00	0.31	0.31	0.28							0.23					

Wb Depth:    Avg: 0.30 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total: A

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	T	N	T	S	D	S	N
Loc: P/S/O:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE  
 2 21-40%  
 INSTREAM VEG: N  A  M  V   
 RB SHP: V  
 Texture: F  G  C  B  R  A   
 RIP: C  
 STG: MF

LWD: N DIST: NA  
 LB SHP: U  
 Texture: F  G  C  B  R  A   
 RIP: C  
 STG: MF

## WATER

EMS: Temp: 12 Method: T3 Req #: Cond.: 110 Method: S4  
 pH: 7.4 Method: P2 Turb.: T  M  L  C  Method: GE  
 Flood Signs: NONE Method: GE

## MORPHOLOGY

Bed Material: Dominant: F Subdom: B O1 B1 B2 B3 D1 D2 D3  
 D95: 25.0 D (cm): 0.10 Morph: RP DISTURBANCE INDICATORS            
 Pattern: IR C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands: N                 
 Coupling: PC Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: OC FSZ:

## HABITAT QUALITY

Name	Comments
Spawning Habitat	None - No suitable substrate
OverWinter Habitat	None - Too shallow
Rearing Habitat	Fair - Semistepment organic step-pools through small wetland

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 8003 F: 2524	TE	X	SC Page
R: 8003 F: 2525	STD	U	Book for stream crossing
R: 8003 F: 2526	STD	D	Book for stream crossing





Stream/ILP: 8003 Image: 2525 Comment: Upstream, Book for scale. 8/20/2010.



Stream/ILP: 8003 Image: 2526 Comment: Downstream, Book for scale. 8/20/2010.



# FDIS Site Card

Watershed Code: 000-000000-00000-00000-00000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.096 ILP # 8004 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-00000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-00000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.096 ILP #: 8004 NID Map #: 103P.096 NID #: 80004 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.502160.6196321 Ref. Name:  
 Date: 2010/08/20 Time: 15:05 Agency: C660 Crew: MJ VR Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg		
Channel Width (m):	T	3.40	4.00	4.80	4.10	3.00	3.90					3.87		Method I:	7.0	4.0	AL	5.50
Wetted Width (m):	MS	2.10	2.20	4.10	2.10	1.50	1.80					2.30		Method II:	7.0	4.0	AL	
Pool Depth (m):	MS	0.43	0.22	0.22	0.35							0.30						

Wb Depth: .6 .4 .4 Avg: 0.47 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total: M

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	N	T	D	N	S	T	N
Loc: P/S/O:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE  
 2 21-40%  
 INSTREAM VEG: N  A  M  V   
 RB SHP: V  
 Texture: F  G  C  B  R  A   
 RIP: C  
 STG: MF

LWD: F DIST: C  
 LB SHP: V  
 Texture: F  G  C  B  R  A   
 RIP: C  
 STG: MF

## WATER

EMS: Req #: Method: S4  
 Temp: 14 Method: T3 Cond.: 63 Method: GE  
 pH: 7.4 Method: P2 Turb.: T  M  L  C   
 Flood Signs: NONE Method: GE

## MORPHOLOGY

Bed Material: Dominant: R Subdom: C O1 B1 B2 B3 D1 D2 D3  
 D95: 400.0 D (cm): 22.00 Morph: CP DISTURBANCE INDICATORS         
 Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands: N            
 Coupling: CO Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: EN  
 FSZ:

## FEATURES

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)	Method
103P.096	80005	C	6.0	MS	21	HC	R: 8004 F: 2530 L: #:		9.502160.6196321	GP3

Comments: 21 M @ 28%, 30 M UPSTREAM FRM CROSSING

## HABITAT QUALITY

Name	Comments
OverWinter Habitat	POOR - Maybe in one pool
Spawning Habitat	NONE - Angular and large substrate
Rearing Habitat	FAIR - At low to moderate flow only

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000

Reach # 1.0      ILP Map # 103P.096      ILP # 8004      Site 1

PHOTOS				
Photo		Foc Lg	Dir	Comments
R: 8004	F: 2527	TE	X	Site card page
R: 8004	F: 2528	STD	U	Book for stream card
R: 8004	F: 2529	STD	D	Book for stream card
R: 8004	F: 2530	STD	U	Person - cascade obstruction
COMMENTS				
Section		Comments		
CHANNEL		INF S3		



Stream/ILP: 8004 Image: 2528 Comment: Upstream, Book for scale. 8/20/2010.



Stream/ILP: 8004 Image: 2529 Comment: Downstream, Book for scale. 8/20/2010.



# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.096 ILP # 8005 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.096 ILP #: 8005 NID Map #: 103P.096 NID #: 80006 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: O Access: H  
 GIS UTM (Z.E.N): 9.502147.6197441 Ref. Name:  
 Date: 2010/08/21 Time: 10:00 Agency: C660 Crew: MJ VR Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T											0.00	Method I:		C	0.00
Wetted Width (m):	MS											0.00	Method II:		C	
Pool Depth (m):	MS											0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE  
 INSTREAM VEG: N  A  M  V   
 LB SHP: RB SHP:  
 Texture: F  G  C  B  R  A   
 RIP: STG:

## WATER

EMS: Req #: Method: T5 Cond.: Method: S3  
 Temp: Method: P2 Turb.: T  M  L  C  Method: GE  
 pH: Method: Flood Signs:

## MORPHOLOGY

Bed Material: Dominant: Subdom: O1 B1 B2 B3 D1 D2 D3  
 D95: D (cm): Morph: DISTURBANCE INDICATORS            
 Pattern: C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands:              
 Coupling: Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: FSZ:

## FEATURES

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)	Method
103P.096	80007	C	1.2	T	2	T	R: F: L: #:		9.502104.6197411	GP3

Comments: 2.2 m at 38%, impassable to fish

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 8005 F: 2531	TE	X	Site Card Photo
R: 8005 F: 2532	STD	U	Book for scale
R: 8005 F: 2533	STD	U	C in features

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000

Reach #	ILP Map #	ILP #	Site
1.0	103P.096	8005	1

PHOTOS				
Photo		Foc Lg	Dir	Comments
R: 8005	F: 2534	STD	U	Book for scale
COMMENTS				
Section		Comments		
CHANNEL		NCD - No continuous scoured channel bed or fluvium upstream of cascade barrier. Potentially useable pools below steps by CT are inaccessible for seasonal use. Drainage becomes a stream downstream of cascade.		



Stream/ILP: 8005 Image: 2532 Comment: Upstream, Book for scale. 8/21/2010.



Stream/ILP: 8005 Image: 2534 Comment: Upstream, Book for scale. 8/21/2010.



# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.096 ILP # 8006 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.096 ILP #: 8006 NID Map #: 103P.096 NID #: 80008 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: O Access: H  
 GIS UTM (Z.E.N): 9.501922.6197885 Ref. Name:  
 Date: 2010/08/21 Time: 10:45 Agency: C660 Crew: MJ VR Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T											0.00	Method I:		C	0.00
Wetted Width (m):	MS											0.00	Method II:		C	
Pool Depth (m):	MS											0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE

INSTREAM VEG: N  A  M  V

LWD: DIST:  
 LB SHP: Texture: F  G  C  B  R  A   
 RIP: STG:

RB SHP: Texture: F  G  C  B  R  A   
 RIP: STG:

## WATER

EMS: Req #: Method: T5 Cond.: Method: S3  
 Temp: Method: P2 Turb.: T  M  L  C  Method: GE  
 pH: Method: Flood Signs:

## MORPHOLOGY

Bed Material: Dominant: Subdom: O1 B1 B2 B3 D1 D2 D3  
 D95: D (cm): Morph: DISTURBANCE INDICATORS          
 Pattern: C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands:            
 Coupling: Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: FSZ:

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 8006 F: 2535	TE	X	Site Card Photo
R: 8006 F: 2536	STD	X	Book for scale
R: 8006 F: 2537	STD	U	Book for scale

## COMMENTS

Section	Comments
CHANNEL	NCD - Gully draw with seasonal water collection puddles, no scour, no fluvium = not a stream. Drainage parellels NTL in SE-NW direction. Crosses at NTL UTM - 501883 6197955, 2 ribbons hang with ILP as it is the same drainage.



Stream/ILP: 8006 Image: 2536 Comment: Across, Book for scale. 8/21/2010.



Stream/ILP: 8006 Image: 2537 Comment: Upstream, Book for scale. 8/21/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.096 ILP # 8007 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.096 ILP #: 8007 NID Map #: 103P.096 NID #: 80009 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: O Access: H  
 GIS UTM (Z.E.N): 9.501818.6198058 Ref. Name:  
 Date: 2010/08/21 Time: 11:20 Agency: C660 Crew: MJ VR Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T											0.00	Method I:		C	0.00
Wetted Width (m):	MS											0.00	Method II:		C	
Pool Depth (m):	MS											0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE  
 INSTREAM VEG: N  A  M  V   
 LB SHP: RB SHP:  
 Texture: F  G  C  B  R  A   
 RIP: STG:

## WATER

EMS: Req #: Method: T5 Cond.: Method: S3  
 Temp: Method: P2 Turb.: T  M  L  C  Method: GE  
 pH: Method: Flood Signs:

## MORPHOLOGY

Bed Material:	Dominant:	Subdom:	O1	B1	B2	B3	D1	D2	D3			
D95:	D (cm):	Morph:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Pattern:			DISTURBANCE INDICATORS									
Islands:			C1	C2	C3	C4	C5	S1	S2	S3	S4	S5
Coupling:			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Confinement:			Bars: N <input type="checkbox"/> SIDE <input type="checkbox"/> DIAG <input type="checkbox"/> MID <input type="checkbox"/> SPAN <input type="checkbox"/> BR <input type="checkbox"/>									
FSZ: <input type="checkbox"/>												

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 8007 F: 2538	STD	U	Book for sc
R: 8007 F: 2539	TE	X	Site card photo

## COMMENTS

Section	Comments
CHANNEL	NCD - Seasonal drainage with no fluvian or scour, descends at NTL at 30% down to other trickle





Stream/ILP: 8007 Image: 2539 Comment: Across, . 8/21/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.096 ILP # 8008 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: \_\_\_\_\_ Local Name: \_\_\_\_\_  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.096 ILP #: 8008 NID Map #: 103P.096 NID #: 80010 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: \_\_\_\_\_ Site Lg: 100 Method: O Access: H  
 GIS UTM (Z.E.N): 9.501659.6198400 Ref. Name: \_\_\_\_\_  
 Date: 2010/08/21 Time: 11:50 Agency: C660 Crew: MJ VR Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T											0.00	Method I:		C	0.00
Wetted Width (m):	MS											0.00	Method II:		C	
Pool Depth (m):	MS											0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE

INSTREAM VEG: N  A  M  V

LWD: \_\_\_\_\_ DIST: \_\_\_\_\_  
 LB SHP: \_\_\_\_\_  
 Texture: F  G  C  B  R  A   
 RIP: \_\_\_\_\_  
 STG: \_\_\_\_\_

RB SHP: \_\_\_\_\_  
 Texture: F  G  C  B  R  A   
 RIP: \_\_\_\_\_  
 STG: \_\_\_\_\_

## WATER

EMS: \_\_\_\_\_ Req #: \_\_\_\_\_  
 Temp: \_\_\_\_\_ Method: T5 Cond.: \_\_\_\_\_ Method: S3  
 pH: \_\_\_\_\_ Method: P2 Turb.: T  M  L  C  Method: GE  
 Flood Signs: \_\_\_\_\_ Method: \_\_\_\_\_

## MORPHOLOGY

Bed Material: Dominant: Subdom: O1 B1 B2 B3 D1 D2 D3  
 D95: D (cm): Morph: DISTURBANCE INDICATORS            
 Pattern: C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands:                 
 Coupling: \_\_\_\_\_  
 Confinement: \_\_\_\_\_ Bars: N  SIDE  DIAG  MID  SPAN  BR   
 FSZ:

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 8008 F: 2541	TE	X	SITE CARD PHOTO

## COMMENTS

Section	Comments
CHANNEL	NCD - Seasonal trickle with no fluvial or continous scour greater than or equal to 100 m, not a stream. Mismapped on TRIM, located 40 m to the North

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.096 ILP # 8009 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.096 ILP #: 8009 NID Map #: 103P.096 NID #: 80011 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: O Access: H  
 GIS UTM (Z.E.N): 9.501024.6199757 Ref. Name:  
 Date: 2010/08/21 Time: 12:45 Agency: C660 Crew: MJ VR Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg	
Channel Width (m):	T	2.10	2.10	2.60	2.90	2.30	1.90					2.32	Method I:	2.5	3.0	S	2.75
Wetted Width (m):	T	0.00	0.30	1.00	0.00	1.80	1.10					0.70	Method II:				
Pool Depth (m):	MS	0.69	0.44	0.22	0.23							0.39					

Wb Depth: .3 .3 .3 Avg: 0.30 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total: A

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	T	N	T	N	S	D	N
Loc: P/S/O:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE

4 71-90%

INSTREAM VEG: N  A  M  V

LWD: N DIST: NA

LB SHP: V

Texture: F  G  C  B  R  A

RIP: S

STG: NA

RB SHP: V

Texture: F  G  C  B  R  A

RIP: S

STG: NA

## WATER

EMS: Temp: 13 Method: T3 Req #: Cond.: 93 Method: S4  
 pH: 7.4 Method: P2 Turb.: T  M  L  C  Method: GE  
 Flood Signs: NONE Method: GE

## MORPHOLOGY

Bed Material: Dominant: G Subdom: C O1 B1 B2 B3 D1 D2 D3  
 D95: 18.0 D (cm): 12.00 Morph: RP DISTURBANCE INDICATORS  
 Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands: N  
 Coupling: DC  
 Confinement: OC  
 FSZ:   
 Bars: N  SIDE  DIAG  MID  SPAN  BR

## FEATURES

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)	Method
103P.096	80014	FLD			40	O	R: F: L:	#:	9.501024.6199757	GP3
Comments: Stream dewatered b/u CV & C										
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)	Method
103P.096	80013	C	8.0	MS	20	MS	R: 8009 F: 2547 L:	#:	9.501052.6199787	GP3
Comments: impassable to all fish										



# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000

Reach # 1.0    ILP Map # 103P.096    ILP # 8009    Site 1

FEATURES													
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo			AirPhoto		UTM (Z/E/N)	Method
103P.096	80012	CV	1.0	MS	16	MS	R: 8009	F: 2544	L:		#:	9.501024.6199757	GP3
Comments:		Impassable at all flows											
HABITAT QUALITY													
Name		Comments											
OverWinter Habitat		POOR - Two suitable pools and lack of flow @ LF, likely will freeze up.											
Spawning Habitat		NONE - Anuglar and mixed substrate											
Rearing Habitat		POOR - Stream dewatered from end of July											
PHOTOS													
Photo		Foc Lg	Dir	Comments									
R: 8009	F: 2543	TE	X	Site card									
R: 8009	F: 2544	STD	U	CV									
R: 8009	F: 2545	STD	U	Book for scale									
R: 8009	F: 2546	STD	D	No scale									
R: 8009	F: 2547	STD	U	Cascade									
R: 8009	F: 2548	STD	U	Cascade 2									
COMMENTS													
Section		Comments											
CHANNEL		S3 - CV perched EMP 800, 16 M water percolates through road fill. Water droms 1 m away from pool. Debris pile accumulated near CV. Water percolates under fluvian @ low flows - dewatered none. Very unlikely fish use. Stream entrenched u/s at xing											



Stream/ILP: 8009 Image: 2545 Comment: Upstream, Book for scale. 8/21/2010.



Stream/ILP: 8009 Image: 2547 Comment: Upstream, Cascade. 8/21/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.096 ILP # 8010 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.096 ILP #: 8010 NID Map #: 103P.096 NID #: 80015 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: O Access: H  
 GIS UTM (Z.E.N): 9.500871.6200061 Ref. Name:  
 Date: 2010/08/21 Time: 14:40 Agency: C660 Crew: MJ VR Fish Crd?:  Incomplete:

## CHANNEL

Mtd	width	width	width	width	width	width	width	width	width	width	Avg	Gadient %	Mtd	Avg
Channel Width (m):	T										0.00	Method I:	C	0.00
Wetted Width (m):	MS										0.00	Method II:	C	
Pool Depth (m):	MS										0.00			

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE  
 INSTREAM VEG: N  A  M  V   
 LWD: DIST:  
 LB SHP: RB SHP:  
 Texture: F  G  C  B  R  A   
 RIP: STG:

## WATER

EMS: Req #:  
 Temp: Method: T5 Cond.: Method: S3  
 pH: Method: P2 Turb.: T  M  L  C  Method: GE  
 Flood Signs: Method:

## MORPHOLOGY

Bed Material: Dominant: Subdom: O1 B1 B2 B3 D1 D2 D3  
 D95: D (cm): Morph: DISTURBANCE INDICATORS          
 Pattern: C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands:            
 Coupling: Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: FSZ:

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 8010 F: 2549	TE	X	Site card photo
R: 8010 F: 2550	STD	X	No scale bog

## COMMENTS

Section	Comments
CHANNEL	NCD





Stream/ILP: 8010 Image: 2550 Comment: Across, . 8/21/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.096 ILP # 8011 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.096 ILP #: 8011 NID Map #: 103P.096 NID #: 80016 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: O Access: H  
 GIS UTM (Z.E.N): 9.500241.6200698 Ref. Name:  
 Date: 2010/08/21 Time: 15:20 Agency: C660 Crew: MJ VR Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg	
Channel Width (m):	T	2.50	2.20	3.40	1.80	2.80	2.70					2.57	Method I:	3.5	3.0	AL	3.17
Wetted Width (m):	T	1.10	1.20	0.60	1.40	1.50	1.90					1.28	Method II:	3.0		AL	
Pool Depth (m):	MS	0.21	0.34	0.33								0.29					

Wb Depth: .3 .3 .3 Avg: 0.30 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total: A

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	T	T	S	N	D	S	T
Loc: P/S/O:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CROWN CLOSURE  
 3 41-70%  
 INSTREAM VEG: N  A  M  V   
 LB SHP: V RB SHP: V  
 Texture: F  G  C  B  R  A   
 RIP: C STG: MF  
 RIP: C STG: PS

## WATER

EMS: Temp: 12 Method: T3 Req #: Cond.: 74 Method: S4  
 pH: 7.7 Method: P2 Turb.: T  M  L  C  Method: GE  
 Flood Signs: NONE Method: GE

## MORPHOLOGY

Bed Material: Dominant: C Subdom: R O1 B1 B2 B3 D1 D2 D3  
 D95: 400.0 D (cm): 10.00 Morph: SPR         
 Pattern: SI DISTURBANCE INDICATORS C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands: N             
 Coupling: CO Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: CO FSZ:

## FEATURES

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)	Method
103P.096	80017	BD	1.7	O	8	O	R: 8011 F: 2554 L: #:		9.500541.6200698	GP3

Comments: impassable 15 m u/s from site

## HABITAT QUALITY

Name	Comments
OverWinter Habitat	NONE - Too shallow
Spawning Habitat	NONE - No suitable substrate
Rearing Habitat	GOOD - Diverse cover, flows slowed down by R & B

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000

Reach # 1.0      ILP Map # 103P.096      ILP # 8011      Site 1

PHOTOS				
Photo		Foc Lg	Dir	Comments
R: 8011	F: 2551	TE	X	Site card
R: 8011	F: 2552	STD	U	Book for scale
R: 8011	F: 2553	STD	U	Book for scale
R: 8011	F: 2554	STD	U	Beaver dam
COMMENTS				
Section		Comments		
CHANNEL		S3		





Stream/ILP: 8011 Image: 2553 Comment: Upstream, Book for scale. 8/21/2010.



Stream/ILP: 8011 Image: 2554 Comment: Upstream, Beaver dam. 8/21/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 104A.005 ILP # 8012 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 104A.005 ILP #: 8012 NID Map #: 104A.005 NID #: 80002 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: O Access: H  
 GIS UTM (Z.E.N): 9.495000.6212384 Ref. Name:  
 Date: 2010/08/22 Time: 11:40 Agency: C660 Crew: MJ VR Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg	
Channel Width (m):	GE	5.00									5.00		Method I: 15.0	20.0	GE	17.50
Wetted Width (m):	GE	3.00									3.00		Method II:			
Pool Depth (m):											0.00					

Wb Depth:  Avg: 0.00 Method: Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total: M

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	N	T	D	N	S	N	N
Loc: P/S/O:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE  
 0 0%  
 INSTREAM VEG: N  A  M  V   
 RB SHP: V  
 Texture: F  G  C  B  R  A   
 RIP: N  
 STG:

## WATER

EMS: Req #: Method: Cond.: Method:  
 Temp: Method: Turb.: T  M  L  C  Method:  
 pH: Method: Method: GE  
 Flood Signs: NONE

## MORPHOLOGY

Bed Material: Dominant: R Subdom: O1 B1 B2 B3 D1 D2 D3  
 D95: 400.0 D (cm): 80.0 Morph: SPR  
 Pattern: ST DISTURBANCE INDICATORS C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands: N  
 Coupling: CO  
 Confinement: EN  
 FSZ:  Bars: N  SIDE  DIAG  MID  SPAN  BR

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 8012 F: 2569	STD	X	Falls photos
R: 8012 F: 2570	STD	X	Channel photo

## COMMENTS

Section	Comments
CHANNEL	S2 All values estimated. Creek inaccessible due to 20 m high vertical canyon severed falls observed.

# FDIS Fish Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach #: 1.0 ILP Map #: 104A.005 ILP #: 8012

**WATERBODY**

Gazetted Name: \_\_\_\_\_ Local: \_\_\_\_\_  
 Project Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-0  
 WS Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Waterbody ID: \_\_\_\_\_ ILP Map #: 104A.005 ILP #: 8012 Reach #: 1 -  
 Project ID: 20255 Lake/Stream: S Lake From Date: \_\_\_\_\_

Fish Permit #: SM10-62747 Date: 2010/08/22 To: 2010/08/22 Agency: C660 Crew: MJ VR Resample:

**SITE / METHOD**

Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment
1	104A.005	80024	9			GP3 EF 1	9	68	L	

**A. GEAR SETTINGS**

Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment
1	EF 1	1	2010/08/24	12:36	2010/08/24	12:56	

**C. ELECTROFISHER SPECIFICATIONS**

Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model
1	EF	1	O	238	200.0	1.0	500	60	6	SR	12B

**COMMENTS**

Section	Comments
WATERBODY	Seasonal trickle, becomes Nacid @ lake outflow NFH. Photo # 2589. Book for scale.





Stream/ILP: 8012 Image: 2569 Comment: Across, Falls photos. 8/22/2010.



Stream/ILP: 8012 Image: 2570 Comment: Across, . 8/22/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 104A.005 ILP # 8013 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: \_\_\_\_\_ Local Name: \_\_\_\_\_  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 104A.005 ILP #: 8013 NID Map #: 104A.005 NID #: 80025 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: \_\_\_\_\_ Site Lg: 100 Method: O Access: H  
 GIS UTM (Z.E.N): 9.495549.6210931 Ref. Name: \_\_\_\_\_  
 Date: 2010/08/22 Time: 13:15 Agency: C660 Crew: MJ VR Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg		
Channel Width (m):	T	1.10	1.20	1.30	1.60	1.30	1.40					1.32		Method I:	6.0	7.0	AL	10.50
Wetted Width (m):	MS	0.50	0.20	0.40	0.70	0.90	0.90					0.60		Method II:	12.0	17.0	AL	
Pool Depth (m):	MS	0.12	0.14	0.15	0.19							0.15						

Wb Depth:    Avg: 0.20 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total: A

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	D	T	T	S	T	S	N
Loc: P/S/O:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE  
 2 21-40%  
 INSTREAM VEG: N  A  M  V   
 RB SHP: V  
 Texture: F  G  C  B  R  A   
 RIP: C  
 STG: MF

LWD: F DIST: E  
 LB SHP: V  
 Texture: F  G  C  B  R  A   
 RIP: C  
 STG: MF

## WATER

EMS: \_\_\_\_\_ Req #: \_\_\_\_\_  
 Temp: 10 Method: T5 Cond.: 111 Method: S4  
 pH: 7.6 Method: P2 Turb.: T  M  L  C  Method: GE  
 Flood Signs: NONE Method: GE

## MORPHOLOGY

Bed Material: Dominant: G Subdom: C O1 B1 B2 B3 D1 D2 D3  
 D95: 400.0 D (cm): 12.00 Morph: CP DISTURBANCE INDICATORS            
 Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands: N                 
 Coupling: CO Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: CO  
 FSZ:

## HABITAT QUALITY

Name	Comments
OverWinter Habitat	NONE - Too shallow
Spawning Habitat	NONE - Angular and mixed substrate
Rearing Habitat	POOR - Only 4 tiny pools suitable during L to MF only

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 8013 F: 2558	TE	X	Site card photo
R: 8013 F: 2559	STD	U	Book for scale
R: 8013 F: 2560	STD	D	Book for scale

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000

Reach #	ILP Map #	ILP #	Site
1.0	104A.005	8013	1

COMMENTS	
Section	Comments
CHANNEL	S6 - Normal erosion nothing excessive BC but overall stable stream flowing through mature forest





Stream/ILP: 8013 Image: 2559 Comment: Upstream, Book for scale. 8/22/2010.



Stream/ILP: 8013 Image: 2560 Comment: Downstream, Book for scale. 8/22/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000

Reach # 1.0 ILP Map # 104A.005 ILP # 8014 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

Project Code: 20255

## WATERSHED

Gazetted Name: \_\_\_\_\_ Local Name: \_\_\_\_\_  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 104A.005 ILP #: 8014 NID Map #: 104A.005 NID #: 80026 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: \_\_\_\_\_ Site Lg: 100 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.495656.6210644 Ref. Name: \_\_\_\_\_  
 Date: 2010/08/22 Time: 14:25 Agency: C660 Crew: MJ VR Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	Avg
Channel Width (m):											0.00
Wetted Width (m):											0.00
Pool Depth (m):											0.00

	Gadient %	Mtd	Avg
Method I:			0.00
Method II:			

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H

No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total: \_\_\_\_\_

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE

INSTREAM VEG: N  A  M  V

LWD: \_\_\_\_\_ DIST: \_\_\_\_\_

LB SHP: \_\_\_\_\_ Texture: F  G  C  B  R  A

RB SHP: \_\_\_\_\_ Texture: F  G  C  B  R  A

RIP:  
STG:

RIP:  
STG:

## WATER

EMS: \_\_\_\_\_ Req #: \_\_\_\_\_  
 Temp: \_\_\_\_\_ Method: \_\_\_\_\_ Cond.: \_\_\_\_\_ Method: \_\_\_\_\_  
 pH: \_\_\_\_\_ Method: \_\_\_\_\_ Turb.: T  M  L  C  Method: GE  
 Flood Signs: \_\_\_\_\_ Method: \_\_\_\_\_

## MORPHOLOGY

Bed Material: Dominant: \_\_\_\_\_ Subdom: \_\_\_\_\_ O1 B1 B2 B3 D1 D2 D3  
 D95: D (cm): \_\_\_\_\_ Morph: \_\_\_\_\_ Morph: \_\_\_\_\_ DISTURBANCE INDICATORS

Pattern: \_\_\_\_\_ C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands: \_\_\_\_\_

Coupling: \_\_\_\_\_ Bars: N  SIDE  DIAG  MID  SPAN  BR

Confinement: FSZ:

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 8014 F: 2561	TE	X	site card
R: 8014 F: 2562	STD	U	Book for scale

## COMMENTS

Section	Comments
CHANNEL	NCD - No fish habitat, seepage, no scoured channel bed or fluvium, isolated and disconnected potholes





Stream/ILP: 8014 Image: 2562 Comment: Upstream, Book for scale. 8/22/2010.



# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 104A.005 ILP # 8015 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 104A.005 ILP #: 8015 NID Map #: 104A.005 NID #: 80027 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.495690.6210542 Ref. Name:  
 Date: 2010/08/22 Time: 14:40 Agency: C660 Crew: MJ VR Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg	
Channel Width (m):	T	1.00	0.70	0.90	1.20	1.10	0.90					0.97	Method I:	7.0	5.0	C	5.13
Wetted Width (m):	T	0.80	0.40	0.60	0.30	0.50	0.30					0.48	Method II:	4.5	4.0	C	
Pool Depth (m):	MS	0.07	0.12	0.13								0.11					

Wb Depth: .2 .1 .2 Avg: 0.17 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total: A

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	T	T	N	S	T	D	N
Loc: P/S/O:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CROWN CLOSURE  
 2 21-40%  
 INSTREAM VEG: N  A  M  V

LWD: F DIST: E  
 LB SHP: U RB SHP: U  
 Texture: F  G  C  B  R  A   
 RIP: C RB RIP: C  
 STG: MF STG: MF

## WATER

EMS: Req #:  
 Temp: 10 Method: T5 Cond.: 154 Method: S3  
 pH: 7.7 Method: P2 Turb.: T  M  L  C  Method: GE  
 Flood Signs: NONE Method: GE

## MORPHOLOGY

Bed Material: Dominant: F Subdom: G O1 B1 B2 B3 D1 D2 D3  
 D95: 5.00 D (cm): 5.00 Morph: SP DISTURBANCE INDICATORS  
 Pattern: IR C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands: N  
 Coupling: PC  
 Confinement: OC FSZ:   
 Bars: N  SIDE  DIAG  MID  SPAN  BR

## HABITAT QUALITY

Name	Comments
Other	Overall No Fish Habitat
OverWinter Habitat	None - too shallow
Spawning Habitat	None - Angular substrate, 60% fines
Rearing Habitat	Poor - very shallow, few pools might be useable

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 8015 F: 2563	STD	U	Book for scale
R: 8015 F: 2564	STD	D	Book for scale

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 104A.005 ILP # 8015 Site 1

PHOTOS				
Photo		Foc Lg	Dir	Comments
R: 8015	F: 2565	TE	X	Site card photo
COMMENTS				
Section		Comments		
CHANNEL		S6 - LWD from mature forest, SOD deciduous and conifer, Stable banks, regular erosion, some gravels.		



Stream/ILP: 8015 Image: 2563 Comment: Upstream, Book for scale. 8/22/2010.



Stream/ILP: 8015 Image: 2564 Comment: Downstream, Book for scale. 8/22/2010.



# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 104A.005 ILP # 8016 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: \_\_\_\_\_ Local Name: \_\_\_\_\_  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 104A.005 ILP #: 8016 NID Map #: 104A.005 NID #: 80028 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: \_\_\_\_\_ Site Lg: 100 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.495731.6210479 Ref. Name: \_\_\_\_\_  
 Date: 2010/08/22 Time: 15:15 Agency: C660 Crew: MJ VR Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T											0.00	Method I:		C	0.00
Wetted Width (m):	MS											0.00	Method II:		C	
Pool Depth (m):	MS											0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE

INSTREAM VEG: N  A  M  V

LWD: \_\_\_\_\_ DIST: \_\_\_\_\_  
 LB SHP: \_\_\_\_\_  
 Texture: F  G  C  B  R  A   
 RIP: \_\_\_\_\_  
 STG: \_\_\_\_\_

RB SHP: \_\_\_\_\_  
 Texture: F  G  C  B  R  A   
 RIP: \_\_\_\_\_  
 STG: \_\_\_\_\_

## WATER

EMS: \_\_\_\_\_ Req #: \_\_\_\_\_  
 Temp: \_\_\_\_\_ Method: T5 Cond.: \_\_\_\_\_ Method: S3  
 pH: \_\_\_\_\_ Method: P2 Turb.: T  M  L  C  Method: GE  
 Flood Signs: \_\_\_\_\_ Method: \_\_\_\_\_

## MORPHOLOGY

Bed Material: \_\_\_\_\_ Dominant: \_\_\_\_\_ Subdom: \_\_\_\_\_ O1 B1 B2 B3 D1 D2 D3  
 D95: \_\_\_\_\_ D (cm): \_\_\_\_\_ Morph: \_\_\_\_\_ DISTURBANCE INDICATORS            
 Pattern: \_\_\_\_\_ C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands: \_\_\_\_\_                 
 Coupling: \_\_\_\_\_  
 Confinement: \_\_\_\_\_ Bars: N  SIDE  DIAG  MID  SPAN  BR   
 FSZ:

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 8016 F: 2566	TE	X	Site card photo
R: 8016 F: 2567	STD	X	No Scale

## COMMENTS

Section	Comments
CHANNEL	NCD - No fish habitat, seepage/small wetland - no fluvian, no scour.



Stream/ILP: 8016 Image: 2567 Comment: Across, No Scale. 8/22/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.095 ILP # 9000 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: \_\_\_\_\_ Local Name: \_\_\_\_\_  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.095 ILP #: 9000 NID Map #: 103P.095 NID #: 90000 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: \_\_\_\_\_ Site Lg: 50 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.498646.6203952 Ref. Name: \_\_\_\_\_  
 Date: 2010/08/20 Time: 12:30 Agency: C660 Crew: SJ JW Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T										0.00	Method I:		C	0.00
Wetted Width (m):	MS										0.00	Method II:		C	
Pool Depth (m):	MS										0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total: \_\_\_\_\_  

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

 CROWN CLOSURE  
 INSTREAM VEG: N  A  M  V   
 LWD: \_\_\_\_\_ DIST: \_\_\_\_\_  
 LB SHP: \_\_\_\_\_ RB SHP: \_\_\_\_\_  
 Texture: F  G  C  B  R  A   
 RIP: \_\_\_\_\_ STG: \_\_\_\_\_

## WATER

EMS: \_\_\_\_\_ Req #: \_\_\_\_\_  
 Temp: \_\_\_\_\_ Method: T5 Cond.: \_\_\_\_\_ Method: S3  
 pH: \_\_\_\_\_ Method: P2 Turb.: T  M  L  C  Method: GE  
 Flood Signs: \_\_\_\_\_ Method: \_\_\_\_\_

## MORPHOLOGY

Bed Material: \_\_\_\_\_ Dominant: \_\_\_\_\_ Subdom: \_\_\_\_\_ O1 B1 B2 B3 D1 D2 D3  
 D95: \_\_\_\_\_ D (cm): \_\_\_\_\_ Morph: \_\_\_\_\_ DISTURBANCE INDICATORS            
 Pattern: \_\_\_\_\_ C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands: \_\_\_\_\_                
 Coupling: \_\_\_\_\_ Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: \_\_\_\_\_ FSZ:

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 9000 F: 375	STD	X	CARD
R: 9000 F: 376	STD	U	Fireweed
R: 9000 F: 377	STD	D	Jarvis and non-existent channel

## COMMENTS

Section	Comments
CHANNEL	NCD





Stream/ILP: 9000 Image: 376 Comment: Upstream, Fireweed. 8/20/2010.



Stream/ILP: 9000 Image: 377 Comment: Downstream, With assistant and dry channel. 8/20/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.095 ILP # 9001 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: \_\_\_\_\_ Local Name: \_\_\_\_\_  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.095 ILP #: 9001 NID Map #: 103P.095 NID #: 90001 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: \_\_\_\_\_ Site Lg: 100 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.498824.6203620 Ref. Name: \_\_\_\_\_  
 Date: 2010/08/20 Time: 13:00 Agency: C660 Crew: SJ JW Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T											0.00	Method I:		C	0.00
Wetted Width (m):	MS											0.00	Method II:		C	
Pool Depth (m):	MS											0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE  
 INSTREAM VEG: N  A  M  V   
 LB SHP: \_\_\_\_\_ RB SHP: \_\_\_\_\_  
 Texture: F  G  C  B  R  A   
 RIP: \_\_\_\_\_ STG: \_\_\_\_\_

## WATER

EMS: \_\_\_\_\_ Req #: \_\_\_\_\_  
 Temp: \_\_\_\_\_ Method: T5 Cond.: \_\_\_\_\_ Method: S3  
 pH: \_\_\_\_\_ Method: P2 Turb.: T  M  L  C  Method: GE  
 Flood Signs: \_\_\_\_\_ Method: \_\_\_\_\_

## MORPHOLOGY

Bed Material: Dominant: \_\_\_\_\_ Subdom: \_\_\_\_\_ O1 B1 B2 B3 D1 D2 D3  
 D95: D (cm): \_\_\_\_\_ Morph: \_\_\_\_\_ DISTURBANCE INDICATORS            
 Pattern: \_\_\_\_\_ C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands: \_\_\_\_\_                 
 Coupling: \_\_\_\_\_ Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: \_\_\_\_\_ FSZ:

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 9001 F: 378	STD	X	Card
R: 9001 F: 379	STD	U	Channel
R: 9001 F: 380	STD	D	JW and dry swale

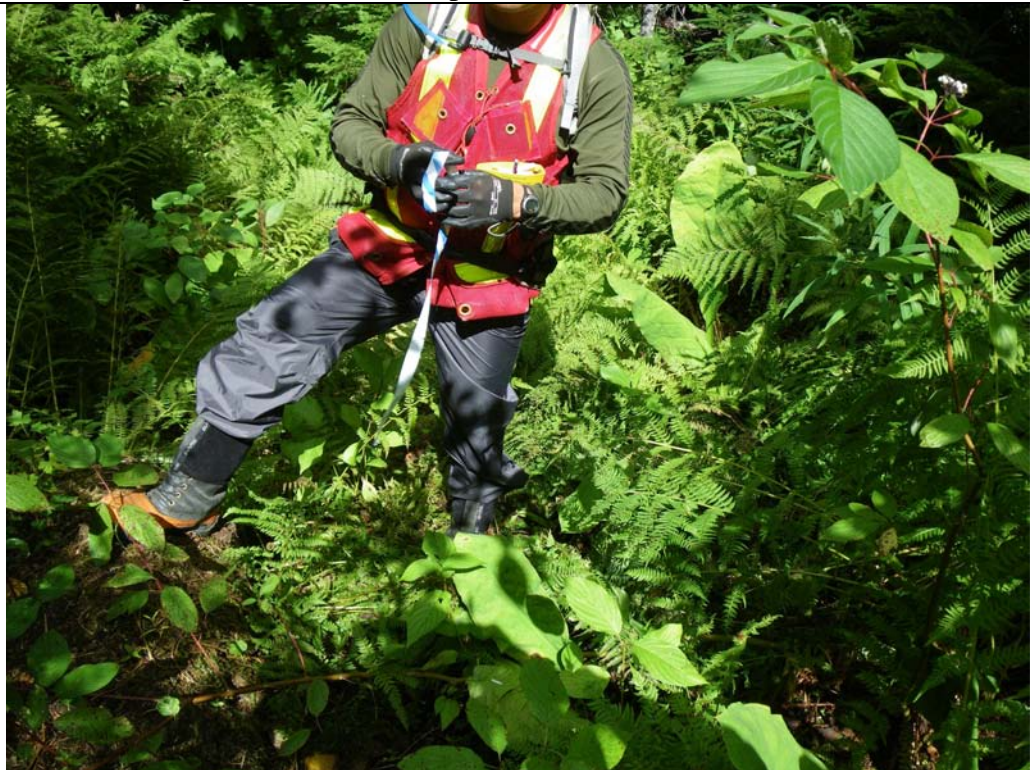
## COMMENTS

Section	Comments
CHANNEL	NCD





Stream/ILP: 9001 Image: 379 Comment: Upstream, . 8/20/2010.



Stream/ILP: 9001 Image: 380 Comment: Downstream, With assistant and swale. 8/20/2010.



# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.095 ILP # 9002 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.095 ILP #: 9002 NID Map #: 103P.095 NID #: 90002 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 50 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.498940.6203369 Ref. Name:  
 Date: 2010/08/20 Time: 13:15 Agency: C660 Crew: SJ JW Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T											0.00	Method I:		C	0.00
Wetted Width (m):	MS											0.00	Method II:		C	
Pool Depth (m):	MS											0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE  
 INSTREAM VEG: N  A  M  V   
 LWD: DIST:  
 LB SHP: RB SHP:  
 Texture: F  G  C  B  R  A   
 RIP: STG:

## WATER

EMS: Req #: Method: T5 Cond.: Method: S3  
 Temp: Method: P2 Turb.: T  M  L  C  Method: GE  
 pH: Method: Flood Signs:

## MORPHOLOGY

Bed Material: Dominant: Subdom: O1 B1 B2 B3 D1 D2 D3  
 D95: D (cm): Morph: DISTURBANCE INDICATORS          
 Pattern: C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands:            
 Coupling: Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: FSZ:

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 9002 F: 381	STD	X	Card
R: 9002 F: 382	STD	U	Swale
R: 9002 F: 383	STD	D	Culver inlet

## COMMENTS

Section	Comments
CHANNEL	NCD



Stream/ILP: 9002 Image: 382 Comment: Upstream, Swale. 8/20/2010.



Stream/ILP: 9002 Image: 383 Comment: Downstream, Culvert inlet. 8/20/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.095 ILP # 9003 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: \_\_\_\_\_ Local Name: \_\_\_\_\_  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.095 ILP #: 9003 NID Map #: 103P.095 NID #: 90003 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: \_\_\_\_\_ Site Lg: 50 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.499142.6203114 Ref. Name: \_\_\_\_\_  
 Date: 2010/08/20 Time: 13:32 Agency: C660 Crew: SJ JW Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T											0.00	Method I:		C	0.00
Wetted Width (m):	MS											0.00	Method II:		C	
Pool Depth (m):	MS											0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE  
 INSTREAM VEG: N  A  M  V   
 LB SHP: \_\_\_\_\_ RB SHP: \_\_\_\_\_  
 Texture: F  G  C  B  R  A   
 RIP: \_\_\_\_\_ STG: \_\_\_\_\_

## WATER

EMS: \_\_\_\_\_ Req #: \_\_\_\_\_  
 Temp: \_\_\_\_\_ Method: T5 Cond.: \_\_\_\_\_ Method: S3  
 pH: \_\_\_\_\_ Method: P2 Turb.: T  M  L  C  Method: GE  
 Flood Signs: \_\_\_\_\_ Method: \_\_\_\_\_

## MORPHOLOGY

Bed Material: Dominant: \_\_\_\_\_ Subdom: \_\_\_\_\_ O1 B1 B2 B3 D1 D2 D3  
 D95: D (cm): \_\_\_\_\_ Morph: \_\_\_\_\_ DISTURBANCE INDICATORS            
 Pattern: \_\_\_\_\_ C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands: \_\_\_\_\_                 
 Coupling: \_\_\_\_\_ Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: \_\_\_\_\_ FSZ:

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 9003 F: 384	STD	X	Card
R: 9003 F: 385	STD	U	
R: 9003 F: 386	STD	D	

## COMMENTS

Section	Comments
CHANNEL	NCD





Stream/ILP: 9003 Image: 385 Comment: Upstream, . 8/20/2010.



Stream/ILP: 9003 Image: 386 Comment: Downstream, . 8/20/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.095 ILP # 9004 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: \_\_\_\_\_ Local Name: \_\_\_\_\_  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.095 ILP #: 9004 NID Map #: 103P.095 NID #: 90004 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: \_\_\_\_\_ Site Lg: 100 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.499142.6203114 Ref. Name: \_\_\_\_\_  
 Date: 2010/08/20 Time: 13:45 Agency: C660 Crew: SJ JW Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T											0.00	Method I:		C	0.00
Wetted Width (m):	MS											0.00	Method II:		C	
Pool Depth (m):	MS											0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total: \_\_\_\_\_  

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

 CROWN CLOSURE \_\_\_\_\_  
 INSTREAM VEG: N  A  M  V   
 LWD: \_\_\_\_\_ DIST: \_\_\_\_\_  
 LB SHP: \_\_\_\_\_ RB SHP: \_\_\_\_\_  
 Texture: F  G  C  B  R  A   
 RIP: \_\_\_\_\_ STG: \_\_\_\_\_

## WATER

EMS: \_\_\_\_\_ Req #: \_\_\_\_\_  
 Temp: \_\_\_\_\_ Method: T5 Cond.: \_\_\_\_\_ Method: S3  
 pH: \_\_\_\_\_ Method: P2 Turb.: T  M  L  C  Method: GE  
 Flood Signs: \_\_\_\_\_ Method: \_\_\_\_\_

## MORPHOLOGY

Bed Material: Dominant: Subdom: O1 B1 B2 B3 D1 D2 D3  
 D95: D (cm): Morph: DISTURBANCE INDICATORS            
 Pattern: C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands:                 
 Coupling: \_\_\_\_\_ Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: \_\_\_\_\_ FSZ:

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 9004 F: 387	STD	X	Card
R: 9004 F: 388	STD	U	Up dtich
R: 9004 F: 389	STD	D	Down Ditch

## COMMENTS

Section	Comments
CHANNEL	NCD





Stream/ILP: 9004 Image: 388 Comment: Upstream, Up dtich. 8/20/2010.



Stream/ILP: 9004 Image: 389 Comment: Downstream, Down Ditch. 8/20/2010.



# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 104A.005 ILP # 9005 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 104A.005 ILP #: 9005 NID Map #: 104A.005 NID #: 90005 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.499801.6202342 Ref. Name:  
 Date: 2010/08/20 Time: 14:00 Agency: C660 Crew: SJ JW Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T											0.00	Method I:		C	0.00
Wetted Width (m):	MS											0.00	Method II:		C	
Pool Depth (m):	MS											0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE

INSTREAM VEG: N  A  M  V

LWD: DIST:  
 LB SHP: Texture: F  G  C  B  R  A   
 RIP: STG:

RB SHP: Texture: F  G  C  B  R  A   
 RIP: STG:

## WATER

EMS: Req #: Method: T5 Cond.: Method: S3  
 Temp: Method: P2 Turb.: T  M  L  C  Method: GE  
 pH: Method: Flood Signs:

## MORPHOLOGY

Bed Material: Dominant: Subdom: O1 B1 B2 B3 D1 D2 D3  
 D95: D (cm): Morph: DISTURBANCE INDICATORS          
 Pattern: C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands:              
 Coupling: Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: FSZ:

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 9005 F: 390	STD	X	Card
R: 9005 F: 391	STD	U	Brush
R: 9005 F: 392	STD	D	Organics

## COMMENTS

Section	Comments
CHANNEL	NCD



Stream/ILP: 9005 Image: 391 Comment: Upstream, Brush. 8/20/2010.



Stream/ILP: 9005 Image: 392 Comment: Downstream, Organics. 8/20/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.095 ILP # 9006 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name: Wolverine Creek  
 Watershed Code: 000-000000-00000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.095 ILP #: 9006 NID Map #: 103P.014 NID #: 90006 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 150 Method: MS Access: H  
 GIS UTM (Z.E.N): 9.499800.6202100 Ref. Name:  
 Date: 2010/08/20 Time: 14:10 Agency: C660 Crew: SJ JW Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg			
Channel Width (m):	MS	4.10	5.00	4.00	5.50	4.60	6.20	6.00				5.06			
Wetted Width (m):	MS	2.40	3.00	2.65	1.80	2.10	2.40	2.30				2.38			
Pool Depth (m):	MS	0.55	0.80									0.68			

	Gadient %	Mtd	Avg
Method I:	3.0	2.0	C 2.67
Method II:	3.0		C

Wb Depth: .8 .4 .6 Avg: 0.60 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total: M

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	T	T	S	N	N	D	N
Loc: P/S/O:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

LWD: F DIST: C  
 LB SHP: S RB SHP: V  
 Texture: F  G  C  B  R  A   
 RIP: C RB SHP: V  
 STG: MF STG: MF

CROWN CLOSURE  
 1 1-20%  
 INSTREAM VEG: N  A  M  V   
 Texture: F  G  C  B  R  A   
 RIP: C  
 STG: MF

## WATER

EMS: Temp: 12 Method: T5 Req #: Cond.: 77 Method: S3  
 pH: 8.4 Method: P2 Method: GE  
 Flood Signs: Rafted Debris@ BFD Method: GE Turb.: T  M  L  C

## MORPHOLOGY

Bed Material: Dominant: G Subdom: R O1 B1 B2 B3 D1 D2 D3  
 D95: 20.0 D (cm): 10.0 Morph: CP DISTURBANCE INDICATORS  
 Pattern: SI Islands: N Coupling: CO Confinement: CO FSZ:   
 Bars: N  SIDE  DIAG  MID  SPAN  BR

## FEATURES

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)	Method
103P.014	90007	F	25.0	MS	2	MS	R: 9006 F: 393 L:	#:	9.499786.6202098	GP3

Comments: Vertical Drop in Bedrock Canyon

## HABITAT QUALITY

Name	Comments
Other	Overall - Poor - only a couple pools and likely freezes solid
Spawning Habitat	Poor - occassional small patches of sand and gravel for resident fish eg. DV, CT
Rearing Habitat	Fair - low numbers of pools d/s bridge and mostly over And minor LWD cover



# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000

Reach # 1.0      ILP Map # 103P.095      ILP # 9006      Site 1

PHOTOS				
Photo		Foc Lg	Dir	Comments
R: 9006	F: 393	STD	X	Card
R: 9006	F: 394	STD	U	1 m falls in channel just u/s of 25 m high falls
R: 9006	F: 395	STD	D	Looking Down 25 m high falls
R: 9006	F: 396	STD	U	5 m c/w about 20 m u/s falls - shallow stream
COMMENTS				
Section		Comments		
CHANNEL		Waypoint 7 of ROW XING 25m vertical falls barrier. Powerline ROW - includes 25m high falls with trickle flow is permanent barrier to fish. Not Negotiable to falls. Not likely fish U/S of falls - situated 125 m d/s logging road bridge.		

# FDIS Fish Card

Watershed Code: 000-000000-00000-00000-0000-000-000-000-000-000-000-000  
 Reach #: 1.0 ILP Map #: 103P.095 ILP #: 9006

WATERBODY														
Gazetted Name:											Local: Wolverine Creek			
Project Code: 500-000000-00000-00000-0000-000-000-000-000-000-0														
WS Code: 000-000000-00000-00000-0000-000-000-000-000-000-000														
Waterbody ID:							ILP Map #: 103P.095			ILP #: 9006		Reach #: 1 -		
Project ID: 20255							Lake/Stream: S			Lake From Date:				
Fish Permit #: SM10-62747				Date: 2010/08/20			To: 2010/08/20		Agency: C660		Crew: SJ JW		Resample: <input type="checkbox"/>	
SITE / METHOD														
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd				MTD/NO	Temp	Cond	Turbid	Comment			
1	103P.095	90006	9			GP3	EF 1	12	67	L				
A. GEAR SETTINGS														
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment							
1	EF	1	2010/08/24	15:15	2010/08/24	15:38								
C. ELECTROFISHER SPECIFICATIONS														
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model			
1	EF	1	1	O	515	200.0	4.0	500	60	5	SR	12B		
COMMENTS														
Section			Comments											
WATERBODY			Nice creek. Good perennial habitat. Good overwintering spawning relatively poor. Spawning gravel in patches, related habitat due to falls downstream.											



Stream/ILP: 9006 Image: 394 Comment: Upstream, 1 m falls in channel upstream of 25 m high falls. 8/20/2010.



Stream/ILP: 9006 Image: 395 Comment: Downstream, Looking Down 25 m high falls. 8/20/2010.



# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.096 ILP # 9007 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.096 ILP #: 9007 NID Map #: 103P.096 NID #: 90008 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.500386.6201253 Ref. Name:  
 Date: 2010/08/20 Time: 16:00 Agency: C660 Crew: SJ JW Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T										0.00	Method I:		C	0.00
Wetted Width (m):	MS										0.00	Method II:		C	
Pool Depth (m):	MS										0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE

INSTREAM VEG: N  A  M  V

LWD: DIST:  
 LB SHP: Texture: F  G  C  B  R  A   
 RIP: STG:

RB SHP: Texture: F  G  C  B  R  A   
 RIP: STG:

## WATER

EMS: Req #: Method: T5 Cond.: Method: S3  
 Temp: Method: P2 Turb.: T  M  L  C  Method: GE  
 pH: Method: Flood Signs:

## MORPHOLOGY

Bed Material: Dominant: Subdom: O1 B1 B2 B3 D1 D2 D3  
 D95: D (cm): Morph: DISTURBANCE INDICATORS          
 Pattern: C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands:            
 Coupling: Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: FSZ:

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 9007 F: 397 STD X			CARD
R: 9007 F: 398 STD X			SWALE - GRASS - NO CHANNEL
R: 9007 F: 399 STD X			SWALE - GRASS - NO CHANNEL

## COMMENTS

Section	Comments
CHANNEL	NCD



Stream/ILP: 9007 Image: 398 Comment: Across, Swale, grass, no channel. 8/20/2010.



Stream/ILP: 9007 Image: 399 Comment: Across, Swale, grass, no channel. 8/20/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.095 ILP # 9008 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.095 ILP #: 9008 NID Map #: 103P.095 NID #: 90009 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 50 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.498502.6204336 Ref. Name:  
 Date: 2010/08/21 Time: 10:20 Agency: C660 Crew: SJ JW Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T											0.00	Method I:		C	0.00
Wetted Width (m):	MS											0.00	Method II:		C	
Pool Depth (m):	MS											0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE  
 INSTREAM VEG: N  A  M  V   
 LB SHP: RB SHP:  
 Texture: F  G  C  B  R  A   
 RIP: STG:

## WATER

EMS: Req #: Method: T5 Cond.: Method: S3  
 Temp: Method: P2 Turb.: T  M  L  C  Method: GE  
 pH: Method: Flood Signs:

## MORPHOLOGY

Bed Material:	Dominant:	Subdom:	O1	B1	B2	B3	D1	D2	D3			
D95:	D (cm):	Morph:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Pattern:			C1	C2	C3	C4	C5	S1	S2	S3	S4	S5
Islands:			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coupling:												
Confinement:												
FSZ: <input type="checkbox"/>			Bars: N <input type="checkbox"/>	SIDE <input type="checkbox"/>	DIAG <input type="checkbox"/>	MID <input type="checkbox"/>	SPAN <input type="checkbox"/>	BR <input type="checkbox"/>				

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 9008 F: 400	STD	X	Card
R: 9008 F: 402	STD	U	Up - Devils Club
R: 9008 F: 403	STD	D	JW and dry swale

## COMMENTS

Section	Comments
CHANNEL	NCD





Stream/ILP: 9008 Image: 402 Comment: Upstream, Devil club vegetation. 8/21/2010.



Stream/ILP: 9008 Image: 403 Comment: Downstream, Assitant and dry swale. 8/21/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.095 ILP # 9009 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.095 ILP #: 9009 NID Map #: 103P.095 NID #: 90010 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 50 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.498499.6204348 Ref. Name:  
 Date: 2010/08/21 Time: 10:42 Agency: C660 Crew: SJ JW Fish Crd?:  Incomplete:

## CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T											0.00	Method I:		C	0.00
Wetted Width (m):	MS											0.00	Method II:		C	
Pool Depth (m):	MS											0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE

INSTREAM VEG: N  A  M  V

LWD: DIST:  
 LB SHP: Texture: F  G  C  B  R  A   
 RIP: STG:

RB SHP: Texture: F  G  C  B  R  A   
 RIP: STG:

## WATER

EMS: Req #: Method: T5 Cond.: Method: S3  
 Temp: Method: P2 Turb.: T  M  L  C  Method: GE  
 pH: Method: Flood Signs:

## MORPHOLOGY

Bed Material: Dominant: Subdom: O1 B1 B2 B3 D1 D2 D3  
 D95: D (cm): Morph: DISTURBANCE INDICATORS          
 Pattern: C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands:            
 Coupling: Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: FSZ:

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 9009 F: 404 STD X			Card
R: 9009 F: 405 STD U			Skunk cabbage and JW

## COMMENTS

Section	Comments
CHANNEL	NCD





Stream/ILP: 9009 Image: 405 Comment: Upstream, With assistant and vegetation. 8/21/2010.



# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.095 ILP # 9010 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.095 ILP #: 9010 NID Map #: 103P.095 NID #: 90011 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 50 Method: GE Access: H  
 GIS UTM (Z.E.N): 9.498373.6204601 Ref. Name:  
 Date: 2010/08/21 Time: 11:00 Agency: C660 Crew: SJ JW Fish Crd?:  Incomplete:

## CHANNEL

Mtd	width	width	width	width	width	width	width	width	width	width	Avg	Gadient %	Mtd	Avg	
Channel Width (m):	T										0.00	Method I:		C	0.00
Wetted Width (m):	MS										0.00	Method II:		C	
Pool Depth (m):	MS										0.00				

Wb Depth:  Avg: 0.00 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total:

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:							
Loc: P/S/O:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CROWN CLOSURE  
 INSTREAM VEG: N  A  M  V   
 LWD: DIST:  
 LB SHP: RB SHP:  
 Texture: F  G  C  B  R  A   
 RIP: STG:

## WATER

EMS: Req #: Method: T5 Cond.: Method: S3  
 Temp: Method: P2 Turb.: T  M  L  C  Method: GE  
 pH: Method:  
 Flood Signs: Method:

## MORPHOLOGY

Bed Material: Dominant: Subdom: O1 B1 B2 B3 D1 D2 D3  
 D95: D (cm): Morph: DISTURBANCE INDICATORS          
 Pattern: C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands:            
 Coupling: Bars: N  SIDE  DIAG  MID  SPAN  BR   
 Confinement: FSZ:

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 9010 F: 406	STD	X	Card
R: 9010 F: 407	STD	U	Stag Pool

## COMMENTS

Section	Comments
CHANNEL	NCD



Stream/ILP: 9010 Image: 407 Comment: Upstream, Stagnant Pool. 8/21/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.095 ILP # 9011 Site # 1

## PROJECT

Project Name: NTL 2010 Field Work  
 Stream Name (gaz.): NASS RIVER Project Code: 20255  
 Project Watershed Code: 500-000000-00000-00000-00000-0000-0000-000-000-000-000-000-000

## WATERSHED

Gazetted Name: Local Name:  
 Watershed Code: 000-000000-00000-00000-00000-0000-0000-000-000-000-000-000-000  
 ILP Map #: 103P.095 ILP #: 9011 NID Map #: 103P.095 NID #: 90012 Reach #: 1.0 Site #: 1  
 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: MS Access: FT  
 GIS UTM (Z.E.N): 9.498274.6204740 Ref. Name:  
 Date: 2010/08/21 Time: 11:35 Agency: C660 Crew: SJ JW Fish Crd?:  Incomplete:

## CHANNEL

Mtd	width	width	width	width	width	width	width	width	width	width	width	Avg	Gadient %		Mtd	Avg	
Channel Width (m):	T	1.90	2.35	3.70	2.60	2.90	2.70	2.50				2.66	Method I:	8.0	12.0	C	10.00
Wetted Width (m):	MS											0.00	Method II:			C	
Pool Depth (m):	MS											0.00					

Wb Depth: .7 .9 Avg: 0.80 Method: MS Stage: L  M  H   
 No Vis.Ch.:  Intermittent:   
 Dw:  Tribs.:

COVER Total: A

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	D	S	T	T	N	S	N
Loc: P/S/O:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CROWN CLOSURE  
 5 >90%  
 INSTREAM VEG: N  A  M  V   
 RB SHP: V  
 Texture: F  G  C  B  R  A   
 RIP: C  
 STG: MF

LWD: A DIST: C  
 LB SHP: V  
 Texture: F  G  C  B  R  A   
 RIP: D  
 STG: PS

## WATER

EMS: Req #: Method: T5 Cond.: Method: S3  
 Temp: Method: P2 Turb.: T  M  L  C  Method: GE  
 pH: Method: GE  
 Flood Signs: NONE

## MORPHOLOGY

Bed Material: Dominant: G Subdom: C O1 B1 B2 B3 D1 D2 D3  
 D95: 25.0 D (cm): 10.0 Morph: CP DISTURBANCE INDICATORS  
 Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5  
 Islands: N  
 Coupling: DC  
 Confinement: OC FSZ:   
 Bars: N  SIDE  DIAG  MID  SPAN  BR

## HABITAT QUALITY

Name	Comments
OverWinter Habitat	POOR - No pools for refuge, likely dry or frozen solid in winter
Spawning Habitat	POOR - Mostly angular larger gravel and no sandy gravel
Rearing Habitat	POOR - Dry no pools, lots of cover

## PHOTOS

Photo	Foc Lg	Dir	Comments
R: 9011 F: 409	STD	X	Card
R: 9011 F: 410	STD	U	Dry chanel
R: 9011 F: 411	STD	D	Dry chanel



# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.095 ILP # 9011 Site 1

PHOTOS				
Photo		Foc Lg	Dir	Comments
R: 9011	F: 412	STD	X	Dry
COMMENTS				
Section		Comments		
CHANNEL		S3 - Have to assess downstream for barriers at the road and further downstream. If barrier falls present than change to confirmed non-fish since dry up stream of barrier now. Just downstream from ROW xing creek enters big alder swale - unique alder pat		



Stream/ILP: 9011 Image: 410 Comment: Upstream, Dry channel. 8/21/2010.



Stream/ILP: 9011 Image: 412 Comment: Across, Dry. 8/21/2010.

# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.095 ILP # 9012 Site # 1

PROJECT			
Project Name: NTL 2010 Field Work		Project Code: 20255	
Stream Name (gaz.): NASS RIVER			
Project Watershed Code: 500-000000-00000-00000-0000-0000-000-000-000-000-000-000			

WATERSHED			
Gazetted Name:		Local Name:	
Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000			
ILP Map #: 103P.095	ILP #: 9012	NID Map #: 103P.095	NID #: 90013
Field UTM (Z.E.N): ..		Method:	Site Lg: 150
GIS UTM (Z.E.N): 9.498149.6204935		Method: GE	
Date: 2010/08/21		Time: 13:00	Agency: C660
Crew: SJ JW		Fish Crd?: <input type="checkbox"/>	Incomplete: <input checked="" type="checkbox"/>

CHANNEL																	
	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg	
Channel Width (m):	MS	2.00	1.85	1.20	3.45	1.90	3.20					2.27		Method I: 10.0	11.0	C	10.50
Wetted Width (m):												0.00	Method II:				
Pool Depth (m):	MS	0.10	0.05	0.15								0.10					
Wb Depth:	.5	.5												No Vis.Ch.: <input type="checkbox"/>	Intermittent: <input checked="" type="checkbox"/>		
COVER		Total: M															
Type:	SWD	LWD	B	U	DP	OV	IV	CROWN CLOSURE									
Amount:	T	T	S	T	N	D	N	4 71-90%									
Loc: P/S/O:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	INSTREAM VEG: N <input type="checkbox"/> A <input type="checkbox"/> M <input checked="" type="checkbox"/> V <input type="checkbox"/>									
LWD: F	DIST: E																
LB SHP: V	RB SHP: V																
Texture: F <input checked="" type="checkbox"/> G <input checked="" type="checkbox"/> C <input type="checkbox"/> B <input type="checkbox"/> R <input type="checkbox"/> A <input type="checkbox"/>	Texture: F <input type="checkbox"/> G <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> R <input type="checkbox"/> A <input type="checkbox"/>																
RIP: C	RIP: C																
STG: MF	STG: MF																

WATER			
EMS:	Method:	Req #:	Method:
Temp:	Method:	Cond.:	Method:
pH:	Method:	Turb.: T <input type="checkbox"/> M <input type="checkbox"/> L <input type="checkbox"/> C <input checked="" type="checkbox"/>	Method: GE
Flood Signs: Debris jam at calver			

MORPHOLOGY																								
Bed Material:	Dominant: G	Subdom: C	O1 B1 B2 B3 D1 D2 D3																					
D95: 55.0	D (cm): 15.00	Morph: CP	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td> </tr> </table>										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>													
Pattern: SI	DISTURBANCE INDICATORS		C1 C2 C3 C4 C5 S1 S2 S3 S4 S5																					
Islands: N			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td> </tr> </table>										<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>													
Coupling: DC	Bars:		N <input checked="" type="checkbox"/> SIDE <input type="checkbox"/> DIAG <input type="checkbox"/> MID <input type="checkbox"/> SPAN <input type="checkbox"/> BR <input type="checkbox"/>																					
Confinement: UN																								
FSZ: <input type="checkbox"/>																								

FEATURES										
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)	Method
103P.095	60001	C				MS	R: 9012 F: 416 L:	#:	9.498109.6204904	GP3
Comments: At culvert at 7km sign on mainline										

HABITAT QUALITY	
Name	Comments
OverWinter Habitat	POOR - No deep pools at all
Spawning Habitat	POOR - No sandy gravel, no tailouts
Rearing Habitat	POOR - (fair if year around flow) lacks pools and cover



# FDIS Site Card

Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000  
 Reach # 1.0 ILP Map # 103P.095 ILP # 9012 Site 1

PHOTOS				
Photo		Foc Lg	Dir	Comments
R: 9012	F: 413	STD	X	Site Card
R: 9012	F: 414	STD	U	Culvert at outlet
R: 9012	F: 415	STD	U	
R: 9012	F: 416	STD	D	
COMMENTS				
Section		Comments		
CHANNEL		S3 - Trickle flow, culvert blocked with debris, channel upstream of culver better habitat, nearly dry, not likely to support fish		



Stream/ILP: 9012 Image: 414 Comment: Upstream, Culvert at outlet. 8/21/2010.



Stream/ILP: 9012 Image: 416 Comment: Downstream, . 8/21/2010.