

3377/ WP#T-1219

**Reconnaissance (1:20,000)
Fish and Fish Habitat Inventory
of the Shelagyote River
(Shelagyote River Planning Area)
WSC 480-069500 to WSC 480-195700**

Volume 2 of 3

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APPENDIX I

Reach Cards/Site Cards/Fish Collection Forms and Photographs (Site 39 to 288)

Shelagyote River Planning Area

Reach #	ILP Map #	ILP #
1.0	093M.085	11301

FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
39	EF	1	100	119 sec	800	DV	17	62	98

FDIS Site Card

Shelagoyote River Planning Area

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

Reach # 1.0 ILP Map # 093M.085 ILP # 11301 Site 39

PROJECT

Project Name: Shelagoyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 000-000000-00000-00000-0000-000-000-000-000-000-000
ILP Map#: 093M.085 ILP #: 11301 NID Map #: 093M.085 NID #: 22039 Reach #: 1.0 Site #: 39
Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: MAP Access: H
GIS UTM (Z.E.N): 9.613097.6188746 Ref. Name:
Date: 2001/08/09 Time: 09:45 Agency: C172 Crew: JD/RB Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg
Channel Width (m):	T	4.40	3.90	5.20	4.60	4.80	3.90					4.47
Wetted Width (m):	T	2.60	2.80	3.20	3.10	2.60	3.40					2.95
Pool Depth (m):	MS	1.00	0.60	0.80	1.10	0.50	0.60					0.77

	Gadient %	Mtd	Avg
Method I:	3.0	5.0	C
Method II:	4.0	4.0	C

Wb Depth: .6 .6 .6 Avg: 0.60 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	D	T	T	S	T	N
Loc: P/S/O:	☒	☒	☒	☒	☒	☒	☐

CROWN CLOSURE

2 21-40%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

LWD: A DIST: C

LB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: C

STG: MF

RB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: C

STG: MF

WATER

EMS: Temp: 7 pH: 8.0 Flood Signs: none Method: T4 Method: P2 Method: GE Req #: Cond.: 50 Turb.: T ☐ M ☐ L ☐ C ☒ Method: S3 Method: GE

MORPHOLOGY

Bed Material: Dominant: G Subdom: C D95: 100.0 D (cm): 30.00 Morph: CP
Pattern: SI Islands: N Coupling: PC Confinement: FC FSZ: ☐
DISTURBANCE INDICATORS
O1 B1 B2 B3 D1 D2 D3
☐ ☐ ☐ ☐ ☐ ☐ ☐
C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Bars: N ☒ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Present
Spawning Habitat	Moderate - abundant gravels suitable for resident trout
Rearing Habitat	Moderate - LWD, pools and cover are abundant

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 4 F: 10	STD	U	Upstream photo of LWD plunge pools
R: 4 F: 11	STD	D	Downstream photo of short riffle

FDIS Site Card

Shelagyote River Planning Area

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

Reach #	ILP Map #	ILP #	Site
1.0	093M.085	11301	39

COMMENTS	
Section	Comments
CHANNEL	S3 - DV captured

FDIS Fish Card

Shelagyte River Planning Area

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

Reach # 1.0
ILP Map # 093M.085
ILP # 11301

WATERBODY

Gazetted Name: Local: None
Project Code: 480-000000-00000-00000-0000-000-000-000-000-000-0
WS Code: 000-000000-00000-00000-0000-000-000-000-000-000
Waterbody ID: ILP Map #: 093M.085 ILP #: 11301 Reach #: 1 -
Project ID: 1550 Lake/Stream: S Lake From Date:

Fish Permit #: 145084K Date: 2001/08/09 To: 2001/08/09 Agency: C172 Crew: JD/RB Resample: ☐

SITE / METHOD

Site#	NID Map	NID #	UTM:Zone/East/North/Mthd	MTD/NO	Temp	Cond	Turbid	Comment
39	093M.085	22039	GPU	EF	1	7	50	C

A. GEAR SETTINGS

Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment
39	EF	1	1	2001/08/09	09:50	2001/08/09	10:20

C. ELECTROFISHER SPECIFICATIONS

Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model
39	EF	1	1	O	119	100.0	3.0	800	70	6	SMITH ROOT

FISH SUMMARY

Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment
39	EF	1	1	DV	J	17	62 98	R	

INDIVIDUAL FISH DATA

Site#	MTD/NO	H/P	Species	Length	Weight	Sex	Mat	Age			Vch#	Genetic		Roll #	Frame#	Comment
								Str	Smpl#	Age		Str	Smpl#			
39	EF	1	1	DV	90		U	U								
39	EF	1	1	DV	85		U	U								
39	EF	1	1	DV	68		U	U								
39	EF	1	1	DV	62		U	U								
39	EF	1	1	DV	80		U	U								
39	EF	1	1	DV	75		U	U								
39	EF	1	1	DV	95		U	U								
39	EF	1	1	DV	80		U	U								
39	EF	1	1	DV	75		U	U								
39	EF	1	1	DV	98		U	U								
39	EF	1	1	DV	70		U	U								
39	EF	1	1	DV	85		U	U								
39	EF	1	1	DV	69		U	U								
39	EF	1	1	DV	75		U	U								
39	EF	1	1	DV	80		U	U								
39	EF	1	1	DV	77		U	U								
39	EF	1	1	DV	90		U	U								



Site #39, Upstream photo of LWD plunge pools.
Roll #4, Frame #10, Date: 2001/08/09



Site #39, Downstream photo of short riffle.
Roll #4, Frame #11, Date: 2001/08/09

FDIS Reach/Site Summary

Shelagyote River Planning Area

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

Reach # 5.0 ILP Map # 093M.084 ILP # 11057

STREAM REFERENCING

Gazetted Name: Local Name: Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000 ILP Map #: 093M.084 ILP #: 11057

REACH

Reach #: 5.0 UTM(Zone/East/North): 9.614714.6187510 Sample Type: Biased
Length (km): .38 Coupling: Partially Couple Magnitude: 6 BGC Zone: ESSF
Gradient (%): 2.6 Confinement: Unconfined Order: 3 Open water: Absent
US Elev (m): 1323 Islands: NONE Riparian Vegetation: Coniferous
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural

SITE

Site #: 40 Field UTM .. Agency: C172 Crew: JD/RB Date: 2001/08/09
Site Length (m): 300 GIS UTM 9.614612.6187528 Agency Name: Triton Environmental Consultants (Terrace)

CHANNEL

No Vis.Ch.: ☐ Intermittent: ☐ Avg Min Max #
Dewatered: ☐ Tribs.: ☐ Channel Width (m): 2.08 1.5 2.6 6
Stage: Low ☐ Wetted Width (m): 1.75 1.4 1.9 6
Med ☒ Bankfull Depth (m): 0.57 0.5 0.6 3
High ☐ Temp (C): 7 pH: 7.9 Conductivity: 50
Turbidity: Turbid ☐ Low ☐
Moderate ☐ Clear ☒

MORPHOLOGY

Bed Material: Dominant: Cobble D95 (cm): 65.00 Bars: Non ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐
Subdominant: Boulders D (cm): 15.00 Braid ☐
Channel Pattern: Sinuous Islands: None DISTURBANCE INDICATORS O1 B1 B2 B3 D1 D2 D3
Coupling: Decoupled C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Confinement: Occasionally Confine
Morphology: CP Cascade Pool

COVER

Total Cover: Abundant Type: SWD LWD B U DP OV IV
LWD: None Amount: N N S T D S T
LWD Dist: Not Applicable Location: P/S/O: ☐ ☐ ☒ ☒ ☒ ☒ ☒ FSZ: ☐
Right Bank: Shape: Overhang Texture: Fines ☒ Gravel ☐ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐ Crown Closure
Left Bank: Shape: Overhang Texture: Fines ☒ Gravel ☐ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐ 0%
Right Bank: Rip.Veg: Shrubs Stage: Shrub/herb stage
Left Bank: Rip.Veg: Stage: Shrub/herb stage Instream Veg: None ☐ Algae ☐ Moss ☒ Vascular ☒

FEATURES

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)
093M.085	88045	C	5.0	GE	2	GE	R: 4 F: 13 L:	#:	9.614046.6187

Comments: One of many downstream of reach

FISH

Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
40	EF	1	300	319 sec	800	NFC	0		

FDIS Site Card

Shelagyote River Planning Area

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

Reach # 5.0 ILP Map # 093M.084 ILP # 11057 Site 40

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 000-000000-00000-00000-0000-000-000-000-000-000-000
ILP Map#: 093M.084 ILP #: 11057 NID Map #: 093M.085 NID #: 22040 Reach #: 5.0 Site #: 40
Field UTM (Z.E.N): .. Method: Site Lg: 300 Method: HC Access: H
GIS UTM (Z.E.N): 9.614612.6187528 Ref. Name:
Date: 2001/08/09 Time: 11:00 Agency: C172 Crew: JD/RB Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	MS	2.40	1.80	2.60	1.50	1.90	2.30					2.08	Method I:	5.0	6.0	5.00
Wetted Width (m):	MS	1.80	1.60	1.90	1.90	1.40	1.90					1.75	Method II:	4.0	5.0	C
Pool Depth (m):	MS	0.40	0.51	0.42	0.36	0.39	0.41					0.41				

Wb Depth: .6 .5 .6 Avg: 0.57 Method: MS Stage: L ☐ M ☒ H ☐ No Vis.Ch.: ☐ Intermittent: ☐
Dw: ☐ Tribs.: ☐

COVER Total: A

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	N	N	S	T	D	S	T
Loc: P/S/O:	☐	☐	☒	☒	☒	☒	☒

LWD: N DIST: NA

LB SHP: O

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

CROWN CLOSURE

0 0%

INSTREAM VEG: N ☐ A ☐ M ☒ V ☒

RB SHP: O

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

WATER

EMS: Temp: 7 Method: T3 Req #: Cond.: 50 Method: S3
pH: 7.9 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: none Method: GE

MORPHOLOGY

Bed Material: Dominant: C Subdom: B O1 B1 B2 B3 D1 D2 D3
D95: 65.0 D (cm): 15.00 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 ☐

FEATURES

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)	Method
093M.085	88045	C	5.0	GE	2	GE	R: 4 F: 13 L: #:		9.614046.6187422	GIS

Comments: One of many downstream of reach

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Present
Spawning Habitat	Poor - substrates too large for resident trout
Rearing Habitat	Moderate - pools, cover and complexity

Shelagyote River Planning Area

Reach #	ILP Map #	ILP #	Site
5.0	093M.084	11057	40

PHOTOS						
Photo		Foc Lg		Dir	Comments	
R:	4	F:	12	STD	U	Upstream photo of cascade/pool habitat
R:	4	F:	13	STD	D	Downstream photo of short rapids
R:	4	F:	14	STD	U	5 m cascades (one of many in reach)
COMMENTS						
Section		Comments				
CHANNEL		Cascades start from lower wetlands				
CHANNEL		S6 - cascades downstream prevent upstream fish migration				

FDIS Fish Card

Shelagyote River Planning Area

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

Reach # 5.0 ILP Map # 093M.084 ILP # 11057

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-000-000-000-000-000-0															
WS Code: 000-000000-00000-00000-0000-000-000-000-000-000-000															
Waterbody ID:										ILP Map #: 093M.084		ILP #: 11057		Reach #: 5 -	
Project ID: 1550										Lake/Stream: S		Lake From Date:			
Fish Permit #:		145084K		Date: 2001/08/09		To: 2001/08/09		Agency: C172		Crew: JD/RB		Resample: ☐			
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment					
40	093M.085	22040				GPU EF 1	7	50	C						
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
40	EF	1	2001/08/09	11:00	2001/08/09	11:45									
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
40	EF	1	1	O	319	300.0	2.0	800	70	6	SMITH ROOT				
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment						
40	EF	1	1	NFC		0									



Site #40, Upstream photo of cascade/pool habitat.
Roll #4, Frame #12, Date: 2001/08/09



Site #40, Downstream photo of short rapids.
Roll #4, Frame #13, Date: 2001/08/09



Site #40, 5 m cascades (one of many in reach).
Roll #4, Frame #14, Date: 2001/08/09

FDIS Reach/Site Summary

Shelagyte River Planning Area

Watershed Code: 480-195700-66100-00000-0000-000-000-000-000-000

Reach # ILP Map # ILP #

3.0

STREAM REFERENCING									
Gazetted Name:					Local Name:				
Watershed Code: 480-195700-66100-00000-0000-000-000-000-000-000					ILP Map #:		ILP #:		
REACH									
Reach #: 3.0		UTM(Zone/East/North): 9.608870.6191875				Sample Type: Random			
Length (km): .55		Coupling: Partially Couple		Magnitude: 3		BGC Zone: SBS			
Gradient (%): 7.1		Confinement: Occasionally Conf		Order: 2		Open water: Present			
US Elev (m): 1033		Islands: NONE		Riparian Vegetation: Coniferous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 41		Field UTM ..		Agency: C172		Crew: JD/RB		Date: 2001/08/09	
Site Length (m): 100		GIS UTM 9.608854.6191947		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max	
Dewatered: ☐		Tribes.: ☐		Channel Width (m):		1.70		1.4	
Stage: Low ☐				Wetted Width (m):		1.13		1	
Med ☒				Bankfull Depth (m):		0.50		0.4	
High ☐		Temp (C): 7		pH: 7.9		Conductivity: 60		Turbidity: Turbid ☐ Low ☐	
								Moderate ☐ Clear ☒	
MORPHOLOGY									
Bed Material: Dominant: Gravels		D95 (cm): 30.00		Bars: Non ☒		Side ☐		Diagonal ☐	
Subdominant: Cobble		D (cm): 10.00				Mid-channel ☐		Span ☐	
Channel Pattern: Sinuous		Islands: None		DISTURBANCE INDICATORS		O1		B1	
Coupling: Partially Coupled						B2		B3	
Confinement: Frequently Confined						D1		D2	
Morphology: CP Cascade Pool						D3			
						C1		C2	
						C3		C4	
						C5		S1	
						S2		S3	
						S4		S5	
COVER									
Total Cover: Abundant		Type: SWD		LWD		B		U	
LWD: Abundant		Amount: T		D		N		S	
LWD Dist: Evenly Distributed		Location: P/S/O:		☒		☒		☒	
				☒		☒		☒	
Right Bank: Shape: Overhang		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐	
Left Bank: Shape: Overhang		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐	
Right Bank: Rip.Veg: Coniferous		Stage: Mature forest		Instream Veg: None ☐		Algae ☐		Moss ☒	
Left Bank: Rip.Veg:		Stage: Mature forest						Vascular ☒	
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
41	EF	1	100	106 sec	700	DV	21	62	109

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-66100-00000-0000-0000-000-000-000-000

Reach # 3.0 ILP Map # ILP # Site 41

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 480-195700-66100-00000-0000-0000-000-000-000-000-000
ILP Map#: ILP #: NID Map #: 093M.084 NID #: 22041 Reach #: 3.0 Site #: 41
Field UTM (Z.E.N): ... Method: Site Lg: 100 Method: HC Access: H
GIS UTM (Z.E.N): 9.608854.6191947 Ref. Name:
Date: 2001/08/09 Time: 12:00 Agency: C172 Crew: JD/RB Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	MS	1.80	1.60	1.40	1.90	2.00	1.50					1.70	Method I:	5.0	6.0	5.00
Wetted Width (m):	MS	1.00	1.20	1.30	1.10	1.20	1.00					1.13	Method II:	4.0	5.0	C
Pool Depth (m):	MS	0.30	0.26	0.25	0.31	0.28	0.32					0.29				

Wb Depth: .6 .4 .5 Avg: 0.50 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	D	N	S	T	T	T
Loc: P/S/O:	☒	☒	☐	☒	☒	☒	☒

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☐ A ☐ M ☒ V ☒

LWD: A DIST: E

LB SHP: O

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: C

STG: MF

RB SHP: O

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: C

STG: MF

WATER

EMS: Temp: 7 pH: 7.9 Flood Signs: None
Method: T4 Method: P2 Method: GE
Req #: Cond.: 60 Turb.: T ☐ M ☐ L ☐ C ☒
Method: S3 Method: GE

MORPHOLOGY

Bed Material: Dominant: G Subdom: C D95: 30.0 D (cm): 10.00 Morph: CP
Pattern: SI Islands: N Coupling: PC Confinement: FC FSZ: ☐
DISTURBANCE INDICATORS
O1 B1 B2 B3 D1 D2 D3
☐ ☐ ☐ ☐ ☐ ☐ ☐
C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Bars: N ☒ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	No overwintering habitat
Spawning Habitat	Moderate-abundant gravels and adequate flows
Rearing Habitat	Moderate-abundant cover, adequate flows

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 4 F: 15 STD U			Upstream photo of pool habitat
R: 4 F: 16 STD D			Downstream photo of LWD

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-66100-00000-0000-0000-000-000-000-000-000

Reach #

ILP Map #

ILP #

Site

3.0

41

COMMENTS

Section	Comments
CHANNEL	DV captured
CHANNEL	S3 Stream

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-66100-00000-0000-0000-000-000-000-000

Reach # 3.0
ILP Map #
ILP #

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0															
WS Code: 480-195700-66100-00000-0000-0000-000-000-000-000															
Waterbody ID:					ILP Map #:					ILP #:		Reach #: 3 -			
Project ID: 1550					Lake/Stream: S					Lake From Date:					
Fish Permit #:		145084K		Date: 2001/08/09		To: 2001/08/09		Agency: C172		Crew: JD/RB		Resample: ☐			
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment					
41	093M.084	22041				GPU EF 1	7	60	C						
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
41	EF 1	1	2001/08/09	12:00	2001/08/09	12:40									
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
41	EF 1	1	O	106	100.0	1.5	700	70	6	SMITH ROOT	12B				
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment						
41	EF 1	1	DV	J		21	62 109	R							
INDIVIDUAL FISH DATA															
Site#	MTD/NO	H/P	Species	Length	Weight	Sex	Mat	Age		Vch#	Genetic		Roll #	Frame#	Comment
								Str/Smpl#	Age		Str/Smpl#				
41	EF	1	1	DV	62		U	U							
41	EF	1	1	DV	85		U	U							
41	EF	1	1	DV	70		U	U							
41	EF	1	1	DV	105		U	U							
41	EF	1	1	DV	90		U	U							
41	EF	1	1	DV	100		U	U							
41	EF	1	1	DV	70		U	U							
41	EF	1	1	DV	72		U	U							
41	EF	1	1	DV	86		U	U							
41	EF	1	1	DV	109		U	U							
41	EF	1	1	DV	106		U	U							
41	EF	1	1	DV	100		U	U							
41	EF	1	1	DV	70		U	U							
41	EF	1	1	DV	80		U	U							
41	EF	1	1	DV	95		U	U							
41	EF	1	1	DV	73		U	U							
41	EF	1	1	DV	68		U	U							
41	EF	1	1	DV	65		U	U							
41	EF	1	1	DV	90		U	U							
41	EF	1	1	DV	88		U	U							
41	EF	1	1	DV	100		U	U							



Site #41, Upstream photo of pool habitat.
Roll #4, Frame #15, Date: 2001/08/09



Site #41, Downstream photo of LWD.
Roll #4, Frame #16, Date: 2001/08/09

FDIS Site Card

Shelagoyte River Planning Area

Watershed Code: 480-195700-62000-00000-0000-0000-0000-0000-0000-0000

Reach # 1.0 ILP Map # ILP # Site 42

PROJECT

Project Name: Shelagoyte Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-0000-0000-0000-0000-0000-0000-0000
Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 480-195700-62000-00000-00000-0000-0000-0000-0000-0000-0000-0000
ILP Map#: ILP #: NID Map #: 093M.084 NID #: 22042 Reach #: 1.0 Site #: 42
Field UTM (Z.E.N): 9.608226.6189507 Method: GPU Site Lg: 100 Method: HC Access: H
GIS UTM (Z.E.N): 9.608213.6189532 Ref. Name:
Date: 2001/08/09 Time: 12:55 Agency: C172 Crew: JD/RB Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg
Channel Width (m):	MS	1.50	1.60	1.80	1.40	1.60	1.80					1.62
Wetted Width (m):	MS	1.00	0.90	0.90	1.20	1.00	1.30					1.05
Pool Depth (m):	MS	0.41	0.32	0.26	0.31	0.42	0.15					0.31

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

Wb Depth: .4 .4 .4 Avg: 0.40 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	N	T	S	D	T
Loc: P/S/O:	☒	☒	☐	☒	☒	☒	☒

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☐ A ☐ M ☒ V ☐

LWD: F DIST: E

LB SHP: O

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: C

STG: MF

RB SHP: O

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: C

STG: MF

WATER

EMS: Temp: 8 Method: T4 Req #: Cond.: 70 Method: S3
pH: 7.9 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: None Method: GE

MORPHOLOGY

Bed Material: Dominant: C Subdom: G O1 B1 B2 B3 D1 D2 D3
D95: 30.0 D (cm): 5.00 Morph: RP DISTURBANCE INDICATORS C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Pattern: SI
Islands: N
Coupling: DC
Confinement: OC
FSZ: ☐ Bars: N ☒ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Overwintering habitat present in upstream wetland
Spawning Habitat	Poor-pockets of suitable gravel
Rearing Habitat	Moderate-abundant cover, adequate flows, deep pools

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 4 F: 17	STD	U	Upstream photo of pool habitat
R: 4 F: 18	STD	D	Downstream photo of pool habitat

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-62000-00000-0000-0000-000-000-000-000-000

Reach #	ILP Map #	ILP #	Site
1.0			42

COMMENTS	
Section	Comments
CHANNEL	DV and RB captured
CHANNEL	S3 Stream

FDIS Fish Card

Shelagoyote River Planning Area

Watershed Code: 480-195700-62000-00000-0000-0000-000-000-000-000-000

Reach # 1.0
ILP Map #
ILP #

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0															
WS Code: 480-195700-62000-00000-0000-000-000-000-000-000-000															
Waterbody ID:					ILP Map #:					ILP #:		Reach #: 1 -			
Project ID: 1550					Lake/Stream: S					Lake From Date:					
Fish Permit #:		145084K		Date: 2001/08/09		To: 2001/08/09		Agency: C172		Crew: JD/RB		Resample: ☐			
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment					
42	093M.084	22042				GPU EF 1	8	70	C						
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
42	EF 1	1	2001/08/09	12:55	2001/08/09	13:20									
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
42	EF 1	1	O	98	100.0	1.2	600	70	6	SMITH ROOT	12B				
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment						
42	EF 1	1	RB	A		1	220 220	R							
42	EF 1	1	DV	J		8	62 115	R							
INDIVIDUAL FISH DATA															
Site#	MTD/NO	H/P	Species	Length	Weight	Sex	Mat	Age		Vch#	Genetic		Roll #	Frame#	Comment
								Str/Smpl#	Age		Str/Smpl#				
42	EF	1	1	RB	220		U	U							
42	EF	1	1	DV	100		U	U							
42	EF	1	1	DV	70		U	U							
42	EF	1	1	DV	80		U	U							
42	EF	1	1	DV	62		U	U							
42	EF	1	1	DV	90		U	U							
42	EF	1	1	DV	115		U	U							
42	EF	1	1	DV	110		U	U							
42	EF	1	1	DV	68		U	U							



Site #42, Upstream photo of pool habitat.
Roll #4, Frame #17, Date: 2001/08/09



Site #42, Downstream photo of pool habitat.
Roll #4, Frame #18, Date: 2001/08/09

FDIS Reach/Site Summary

Shelagyte River Planning Area

Watershed Code: 480-195700-49100-00000-00000-00000-00000-00000-000

Reach # ILP Map # ILP #

3.0

STREAM REFERENCING									
Gazetted Name:					Local Name:				
Watershed Code: 480-195700-49100-00000-00000-00000-00000-00000-000					ILP Map #:		ILP #:		
REACH									
Reach #: 3.0		UTM(Zone/East/North): 9.608015.6187988				Sample Type: Biased			
Length (km): 1.23		Coupling: Partially Couple		Magnitude: 13		BGC Zone: SBS			
Gradient (%): 8.5		Confinement: Occasionally Conf		Order: 3		Open water: Absent			
US Elev (m): 917		Islands: NONE		Riparian Vegetation: Coniferous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 43		Field UTM ..		Agency: C172		Crew: JD/RB		Date: 2001/08/09	
Site Length (m): 100		GIS UTM 9.607590.6187290		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max	
Dewatered: ☐		Tribes.: ☐		Channel Width (m):		3.35		2.8	
Stage: Low ☒				Wetted Width (m):		1.27		1	
Med ☐				Bankfull Depth (m):		0.50		0.5	
High ☐		Temp (C): 8		pH: 7.9		Conductivity: 50		Turbidity: Turbid ☐ Low ☐	
								Moderate ☐ Clear ☒	
MORPHOLOGY									
Bed Material: Dominant: Gravels		D95 (cm): 60.00		Bars: Non ☒		Side ☐		Diagonal ☐	
Subdominant: Cobble		D (cm): 15.00				Mid-channel ☐		Span ☐	
Channel Pattern: Sinuous		Islands: None		DISTURBANCE INDICATORS		O1		B1	
Coupling: Partially Coupled						B2		B3	
Confinement: Frequently Confined						D1		D2	
Morphology: RP Riffle Pool						D3			
						C1		C2	
						C3		C4	
						C5		S1	
						S2		S3	
						S4		S5	
COVER									
Total Cover: Abundant		Type: SWD		LWD		B		U	
LWD: Abundant		Amount: T		S		T		T	
LWD Dist: Clumped		Location: P/S/O:		☒		☒		☒	
				☒		☒		☒	
Right Bank: Shape: Overhang		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐	
Left Bank: Shape: Overhang		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐	
Right Bank: Rip.Veg: Deciduous		Stage: Pole-sapling stage		Instream Veg: None ☐		Algae ☐		Moss ☒	
Left Bank: Rip.Veg:		Stage: Pole-sapling stage						Vascular ☐	
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
43	EF	1	100	106 sec	700	DV	10	58	103

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-49100-00000-0000-0000-000-000-000-000

Reach # 3.0 ILP Map # ILP # Site 43

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-0000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 480-195700-49100-00000-0000-0000-000-000-000-000-000
ILP Map#: ILP #: NID Map #: 093M.084 NID #: 22043 Reach #: 3.0 Site #: 43
Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: HC Access: H
GIS UTM (Z.E.N): 9.607590.6187290 Ref. Name:
Date: 2001/08/09 Time: 13:40 Agency: C172 Crew: JD/RB Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T	3.20	3.60	4.10	2.90	2.80	3.50					3.35	Method I:	4.0	5.0	3.75
Wetted Width (m):	T	1.50	1.10	1.00	1.20	1.30	1.50					1.27	Method II:	3.0	3.0	C
Pool Depth (m):	MS	0.29	0.32	0.15	0.20	0.26	0.19					0.23				

Wb Depth: .5 .5 .5 Avg: 0.50 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	T	T	T	D	T
Loc: P/S/O:	☒	☒	☒	☒	☒	☒	☒

CROWN CLOSURE

2 21-40%

INSTREAM VEG: N ☐ A ☐ M ☒ V ☐

LWD: A DIST: C

LB SHP: O

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: D

STG: PS

RB SHP: O

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: D

STG: PS

WATER

EMS: Temp: 8 Method: T4 Req #: Cond.: 50 Method: S3
pH: 7.9 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: 60.0 D (cm): 15.00 Morph: RP DISTURBANCE INDICATORS
Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐
Bars: N ☒ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
Overwinter Habitat	No overwintering habitat present
Spawning Habitat	Moderate-suitable substrates present
Rearing Habitat	Moderate-abundant cover and LWD

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 4 F: 19	STD	D	Downstream photo of overstream vegetation
R: 4 F: 20	STD	U	Upstream photo of LWD

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-49100-00000-0000-0000-000-000-000-000-000

Reach #	ILP Map #	ILP #	Site
3.0			43

COMMENTS	
Section	Comments
CHANNEL	DV captured
CHANNEL	S3 Stream

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-49100-00000-0000-0000-000-000-000-000-000

Reach # 3.0
ILP Map #
ILP #

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0															
WS Code: 480-195700-49100-00000-0000-000-000-000-000-000															
Waterbody ID:					ILP Map #:					ILP #:		Reach #: 3 -			
Project ID: 1550					Lake/Stream: S					Lake From Date:					
Fish Permit #:		145084K		Date: 2001/08/09		To: 2001/08/09		Agency: C172		Crew: JD/RB		Resample: ☐			
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment					
43	093M.084	22043				GPU EF 1	8	50	C						
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
43	EF 1	1	2001/08/09	13:40	2001/08/09	14:20									
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
43	EF 1	1	O	106	100.0	1.5	700	70	6	SMITH ROOT	12B				
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment						
43	EF 1	1	DV	J		10	58 103	R							
INDIVIDUAL FISH DATA															
Site#	MTD/NO	H/P	Species	Length	Weight	Sex	Mat	Age		Vch#	Genetic		Roll #	Frame#	Comment
								Str/Smpl#	Age		Str/Smpl#				
43	EF	1	1	DV	80		U	U							
43	EF	1	1	DV	90		U	U							
43	EF	1	1	DV	103		U	U							
43	EF	1	1	DV	100		U	U							
43	EF	1	1	DV	58		U	U							
43	EF	1	1	DV	58		U	U							
43	EF	1	1	DV	82		U	U							
43	EF	1	1	DV	96		U	U							
43	EF	1	1	DV	75		U	U							
43	EF	1	1	DV	78		U	U							



Site #43, Downstream photo of overstream vegetation.
Roll #4, Frame #19, Date: 2001/08/09



Site #43, Upstream photo of LWD.
Roll #4, Frame #20, Date: 2001/08/09

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-40600-00000-00000-000-000-000-000-000-000

Reach # ILP Map # ILP #

5.0

STREAM REFERENCING									
Gazetted Name:					Local Name:				
Watershed Code: 480-195700-40600-00000-00000-000-000-000-000-000-000					ILP Map #:		ILP #:		
REACH									
Reach #: 5.0		UTM(Zone/East/North): 9.610436.6186755				Sample Type: Random			
Length (km): 1.40		Coupling: Partially Couple		Magnitude: 14		BGC Zone: SBS			
Gradient (%): 4.3		Confinement: Occasionally Conf		Order: 3		Open water: Present			
US Elev (m): 1048		Islands: NONE		Riparian Vegetation: Coniferous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 44		Field UTM ..		Agency: C172		Crew: JD/RB		Date: 2001/08/09	
Site Length (m): 300		GIS UTM 9.610347.6185771		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max	
Dewatered: ☐		Trib.: ☐		Channel Width (m):		3.02		2.400	
Stage: Low ☒				Wetted Width (m):		2.05		1.700	
Med ☐				Bankfull Depth (m):		0.50		0.4	
High ☐		Temp (C): 7		pH: 7.6		Conductivity: 50			
								Turbidity: Turbid ☐ Low ☐	
								Moderate ☐ Clear ☒	
MORPHOLOGY									
Bed Material: Dominant: Cobble		D95 (cm): 25.00		Bars: Non ☒		Side ☐		Diagonal ☐	
Subdominant: Gravels		D (cm): 20.00				Mid-channel ☐		Span ☐	
Channel Pattern: Sinuous		Islands: None		DISTURBANCE		O1		B1	
Coupling: Coupled				INDICATORS		☐		☐	
Confinement: Confined				C1		C2		C3	
Morphology: RP Riffle Pool				☐		☐		☐	
				C4		C5		S1	
				☐		☐		☐	
				C6		S2		S3	
				☐		☐		☐	
				C7		S4		S5	
				☐		☐		☐	
COVER									
Total Cover: Abundant		Type: SWD		LWD		B		U	
LWD: Abundant		Amount: T		D		T		S	
LWD Dist: Clumped		Location: P/S/O:		☒		☒		☒	
				☒		☒		☒	
Right Bank: Shape: Overhang		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐	
Left Bank: Shape: Overhang		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐	
Right Bank: Rip.Veg: Coniferous		Stage: Mature forest						Crown Closure	
Left Bank: Rip.Veg:		Stage: Mature forest						1-20%	
				Instream Veg: None ☒		Algae ☐		Moss ☐	
								Vascular ☐	
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
44	EF	1	300	367 sec	700	NFC	0		

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-40600-00000-00000-00000-00000-00000-00000-00000

Reach # 5.0 ILP Map # ILP # 1550 Site 44

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-00000-00000-00000-00000-00000-00000-00000-00000
Project Code: 1550

WATERSHED

Gazetted Name: Local Name: None
Watershed Code: 480-195700-40600-00000-00000-00000-00000-00000-00000-00000-00000-00000
ILP Map#: ILP #: NID Map #: 093M.084 NID #: 22044 Reach #: 5.0 Site #: 44
Field UTM (Z.E.N): .. Method: Site Lg: 300 Method: MAP Access: H
GIS UTM (Z.E.N): 9.610347.6185771 Ref. Name:
Date: 2001/08/09 Time: 14:30 Agency: C172 Crew: JD/RB Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg
Channel Width (m):	MS	2.50	3.40	3.60	3.10	2.40	3.10					3.02
Wetted Width (m):	MS	1.80	2.40	2.60	2.00	1.70	1.80					2.05
Pool Depth (m):	MS	0.40	0.30	0.20	0.30	0.40	0.50					0.35

	Gadient %		Mtd	Avg
Method I:	3.0	2.0	C	2.75
Method II:	2.0	4.0	C	

Wb Depth: .6 .5 .4 Avg: 0.50 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	D	T	S	T	T	N
Loc: P/S/O:	☒	☒	☒	☒	☒	☒	☐

LWD: A DIST: C

LB SHP: O

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: C

STG: MF

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

RB SHP: O

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: C

STG: MF

WATER

EMS: Temp: 7 Method: T4 Req #: Cond.: 50 Method: S3
pH: 7.6 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: none Method: GE

MORPHOLOGY

Bed Material: Dominant: C Subdom: G O1 B1 B2 B3 D1 D2 D3
D95: 25.0 D (cm): 20.00 Morph: RP DISTURBANCE INDICATORS
Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: CO
Confinement: CO
FSZ: ☐ Bars: N ☒ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Present
Spawning Habitat	Moderate - abundant gravels substrate for resident fish
Rearing Habitat	Moderate - abundant cover, deep pools and adequate flows

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 4 F: 21	STD	U	Upstream photo of riffle section
R: 4 F: 22	STD	D	Downstream photo of LWD

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-40600-00000-00000-00000-00000-00000-00000-00000

Reach #	ILP Map #	ILP #	Site
5.0			44

COMMENTS	
Section	Comments
CHANNEL	S5 - Barrier downstream

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-40600-00000-0000-0000-000-000-000-000-000

Reach # 5.0
ILP Map #
ILP #

WATERBODY													
Gazetted Name:										Local: None			
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0													
WS Code: 480-195700-40600-00000-0000-000-000-000-000-000													
Waterbody ID:										ILP Map #:		ILP #:	Reach #: 5 -
Project ID: 1550										Lake/Stream: S		Lake From Date:	
Fish Permit #:		145084K		Date: 2001/08/09		To: 2001/08/09		Agency: C172		Crew: JD/RB		Resample: ☐	
SITE / METHOD													
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment			
44	093M.084	22044				GPU EF 1	7	50	C				
A. GEAR SETTINGS													
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment						
44	EF	1	2001/08/09	14:30	2001/08/09	15:00							
C. ELECTROFISHER SPECIFICATIONS													
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model		
44	EF	1	1	O	367	300.0	2.0	700	60	6	SMITH ROOT	12B	
FISH SUMMARY													
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment				
44	EF	1	1	NFC		0							



Site #44, Upstream photo of riffle section.
Roll #4, Frame #21, Date: 2001/08/09



Site #44, Downstream photo of LWD.
Roll #4, Frame #22, Date: 2001/08/09

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-36900-00000-00000-00000-00000-00000-000

Reach # ILP Map # ILP #
4.0

STREAM REFERENCING											
Gazetted Name:						Local Name:					
Watershed Code: 480-195700-36900-00000-00000-00000-00000-00000-000						ILP Map #:		ILP #:			
REACH											
Reach #: 4.0		UTM(Zone/East/North): 9.610889.6183166				Sample Type: Biased					
Length (km): 1.74		Coupling: Coupled		Magnitude: 20		BGC Zone: SBS					
Gradient (%): 3.9		Confinement: Frequently Confin		Order: 3		Open water: Absent					
US Elev (m): 913		Islands: NONE		Riparian Vegetation: Coniferous							
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural											
SITE											
Site #: 45		Field UTM ..		Agency: C172		Crew: JD/RB		Date: 2001/08/09			
Site Length (m): 300		GIS UTM 9.611040.6182447		Agency Name: Triton Environmental Consultants (Terrace)							
CHANNEL											
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max		#	
Dewatered: ☐		Trib.: ☐		Channel Width (m): 1.60		1.200		1.8		6	
Stage: Low ☒				Wetted Width (m): 1.08		0.9		1.200		6	
Med ☐				Bankfull Depth (m): 0.47		0.4		0.5		3	
High ☐		Temp (C): 7		pH: 7.8		Conductivity: 60		Turbidity: Turbid ☐		Low ☐	
								Moderate ☐		Clear ☒	
MORPHOLOGY											
Bed Material: Dominant: Gravels		D95 (cm): 18.00		Bars: Non ☒		Side ☐		Diagonal ☐		Mid-channel ☐	
Subdominant: Cobble		D (cm): 10.00								Span ☐	
Channel Pattern: Sinuous		Islands: None		DISTURBANCE		O1		B1		B2	
Coupling: Partially Coupled				INDICATORS		☐		☐		☐	
Confinement: Frequently Confined				C1		C2		C3		C4	
Morphology: RP Riffle Pool				☐		☐		☐		☐	
				C5		S1		S2		S3	
				☐		☐		☐		☐	
				S4		S5		☐		☐	
				☐		☐		☐		☐	
COVER											
Total Cover: Abundant		Type: SWD		LWD		B		U		DP	
LWD: Few		Amount: T		S		N		S		T	
LWD Dist: Evenly Distributed		Location: P/S/O:		☒		☒		☒		☒	
				☐		☐		☐		☐	
Right Bank: Shape: Overhang		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐		Rock ☐	
Left Bank: Shape: Overhang		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐		Rock ☐	
Right Bank: Rip.Veg: Shrubs		Stage: Shrub/herb stage								Manmade ☐	
Left Bank: Rip.Veg:		Stage: Shrub/herb stage								Manmade ☐	
				Instream Veg: None ☐		Algae ☐		Moss ☐		Vascular ☒	
FEATURES											
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo		AirPhoto		UTM (Z/E/N)
093M.074	88049	F	5.0	GE	1	GE	R: 4	F: 23	L:	#:	9.610977.6181
Comments: 5 m falls at R3 break											
FISH											
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)		
45	EF	1	300	275 sec	700	NFC	0				

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-36900-00000-00000-00000-00000-00000-00000

Reach # 4.0 ILP Map # ILP # Site # 45

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-00000-00000-00000-00000-00000-00000
Project Code: 1550

WATERSHED

Gazetted Name: Local Name: None
Watershed Code: 480-195700-36900-00000-00000-00000-00000-00000-00000-00000
ILP Map#: ILP #: NID Map #: 093M.074 NID #: 22045 Reach #: 4.0 Site #: 45
Field UTM (Z.E.N): .. Method: Site Lg: 300 Method: GE Access: H
GIS UTM (Z.E.N): 9.611040.6182447 Ref. Name:
Date: 2001/08/09 Time: 15:10 Agency: C172 Crew: JD/RB Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	MS	1.80	1.50	1.20	1.80	1.80	1.50					1.60	Method I:	3.0	2.0	2.75
Wetted Width (m):	MS	1.20	1.10	1.00	0.90	1.20	1.10					1.08	Method II:	4.0	2.0	C
Pool Depth (m):	MS	0.30	0.20	0.20	0.30	0.30	0.40					0.28				

Wb Depth: .4 .5 .5 Avg: 0.47 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	N	S	T	D	T
Loc: P/S/O:	☒	☒	☐	☒	☒	☒	☒

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☐ A ☐ M ☐ V ☒

LWD: F DIST: E

LB SHP: O

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

RB SHP: O

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

WATER

EMS: Req #: Cond.: 60 Method: S3
Temp: 7 Method: T4 Method: GE
pH: 7.8 Method: P2
Flood Signs: none Method: GE
Turb.: T ☐ M ☐ L ☐ C ☒

MORPHOLOGY

Bed Material: Dominant: G Subdom: C O1 B1 B2 B3 D1 D2 D3
D95: 18.0 D (cm): 10.00 Morph: RP DISTURBANCE INDICATORS
Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐ Bars: N ☒ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR ☐

FEATURES

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)	Method
093M.074	88049	F	5.0	GE	1	GE	R: 4 F: 23 L: #:		9.610977.6181474	GIS

Comments: 5 m falls at R3 break

HABITAT QUALITY

Name	Comments
OverWinter Habitat	None
Spawning Habitat	Poor - shallow overall depth
Rearing Habitat	Moderate - abundant cover, adequate flows, high habitat complexity

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-36900-00000-0000-0000-000-000-000-000-000

Reach #	ILP Map #	ILP #	Site
4.0			45

PHOTOS						
Photo				Foc Lg	Dir	Comments
R:	4	F:	23	STD	U	Photo of 5 m falls at Reach 3 break
R:	4	F:	24	STD	U	Upstream photo of channel
R:	4	F:	25	STD	D	Downstream photo of overstream vegetation
COMMENTS						
Section				Comments		
CHANNEL				S6 - falls downstream prevent upstream fish migration		

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-36900-00000-0000-0000-000-000-000-000-000

Reach # 4.0
ILP Map #
ILP #

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-0000-000-000-000-000-0															
WS Code: 480-195700-36900-00000-0000-0000-000-000-000-000-000															
Waterbody ID:										ILP Map #:		ILP #:		Reach #: 4 -	
Project ID: 1550										Lake/Stream: S		Lake From Date:			
Fish Permit #:		145084K		Date: 2001/08/09		To: 2001/08/09		Agency: C172		Crew: JD/RB		Resample: ☐			
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment					
45	093M.074	22045				GPU EF 1	7	60	C						
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
45	EF	1	2001/08/09	15:10	2001/08/09	16:05									
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
45	EF	1	1	O	275	300.0	1.1	700	60	6	SMITH ROOT	12B			
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment						
45	EF	1	1	NFC		0									



Site #45, Photo of 5 m falls at Reach 3 break.
Roll #4, Frame #23, Date: 2001/08/09



Site #45, Upstream photo of channel.
Roll #4, Frame #24, Date: 2001/08/09



Site #45, Downstream photo of overstream vegetation.
Roll #4, Frame #25, Date: 2001/08/09

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-34400-00000-00000-000-000-000-000-000-000

Reach # ILP Map # ILP #

6.0

STREAM REFERENCING

Gazetted Name:

Local Name:

Watershed Code: 480-195700-34400-00000-00000-000-000-000-000-000-000

ILP Map #:

ILP #:

REACH

Reach #: 6.0

UTM(Zone/East/North): 9.613537.6184363

Sample Type: Biased

Length (km): 4.05

Coupling: Decoupled

Magnitude: 31

BGC Zone: SBS

Gradient (%): 2.9

Confinement: Occasionally Conf

Order: 3

Open water: Absent

US Elev (m): 1124

Islands: NONE

Riparian Vegetation: Coniferous

Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural

SITE

Site #: 46

Field UTM 9.613541.6184354

Agency: C172

Crew: JD/EL

Date: 2001/08/10

Site Length (m): 150

GIS UTM 9.613577.6184225

Agency Name: Triton Environmental Consultants (Terrace)

CHANNEL

No Vis.Ch.: ☐ Intermittent: ☐

Dewatered: ☐ Tribs.: ☐

Stage: Low ☐

Med ☒

High ☐

Temp (C): 7

pH: 8.0

Conductivity: 40

	Avg	Min	Max	#
Channel Width (m):	1.56	1.350	1.700	6
Wetted Width (m):	1.56	1.350	1.700	6
Bankfull Depth (m):	0.27	0.2	0.3	3

	Avg	Min	Max	#
Gradient %:	1.25	1	1	4
Pool Depth (m):	0.24	0.100	0.35	6

Turbidity: Turbid ☐ Low ☐
Moderate ☐ Clear ☒

MORPHOLOGY

Bed Material: Dominant: Gravels

D95 (cm): 27.00

Bars: Non ☒

Side ☐

Diagonal ☐

Mid-channel ☐

Span ☐

Subdominant: Fines

D (cm): 4.00

Braid ☐

Channel Pattern: Irregular, Wandering

Islands: None

DISTURBANCE

Coupling: Coupled

Confinement: Occasionally Confine

Morphology: RP Riffle Pool

DISTURBANCE INDICATORS		O1	B1	B2	B3	D1	D2	D3	
		☐	☐	☐	☐	☐	☐	☐	
C1	C2	C3	C4	C5	S1	S2	S3	S4	S5
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

COVER

Total Cover: Abundant

LWD: None

LWD Dist: Not Applicable

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	T	N	N	D	T	S	S
Location: P/S/O:	☒	☐	☐	☒	☒	☒	☒

FSZ: ☐

Right Bank: Shape: Undercut

Texture: Fines ☒

Gravel ☒

Cobble ☐

Boulder ☐

Rock ☐

Manmade ☐

Crown Closure

Left Bank: Shape: Undercut

Texture: Fines ☒

Gravel ☒

Cobble ☐

Boulder ☐

Rock ☐

Manmade ☐

1-20%

Right Bank: Rip.Veg: Mixed C/D

Stage: Mature forest

Left Bank: Rip.Veg:

Stage: Mature forest

Instream Veg: None ☐ Algae ☐ Moss ☐ Vascular ☒

FISH

Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
46	EF	1	150	213 sec	700	RB	10	51	69
46	EF	1	150	213 sec	700	DV	12	49	130

FDIS Site Card

Shelagoyote River Planning Area

Watershed Code: 480-195700-34400-00000-00000-00000-00000-00000-00000-00000

Reach # 6.0 ILP Map # ILP # Site 46

PROJECT

Project Name: Shelagoyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-00000-00000-00000-00000-00000-00000
Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 480-195700-34400-00000-00000-00000-00000-00000-00000-00000
ILP Map#: ILP #: NID Map #: 093M.075 NID #: 22046 Reach #: 6.0 Site #: 46
Field UTM (Z.E.N): 9.613541.6184354 Method: GPU Site Lg: 150 Method: GE Access: H
GIS UTM (Z.E.N): 9.613577.6184225 Ref. Name:
Date: 2001/08/10 Time: 08:50 Agency: C172 Crew: JD/EL Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	MS	1.65	1.40	1.35	1.70	1.70	1.55					1.56	Method I:	1.0	1.0	C	1.25
Wetted Width (m):	MS	1.65	1.40	1.35	1.70	1.70	1.55					1.56	Method II:	2.0	1.0	C	
Pool Depth (m):	MS	0.35	0.20	0.20	0.30	0.10	0.30					0.24					

Wb Depth: .3 .2 .3 Avg: 0.27 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	N	D	T	S	S
Loc: P/S/O:	☒	☐	☐	☒	☒	☒	☒

LWD: N DIST: NA

LB SHP: U

Texture: F ☒ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☐ A ☐ M ☐ V ☒

RB SHP: U

Texture: F ☒ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Temp: 7 Method: T4 Req #: Cond.: 40 Method: S3
pH: 8.0 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: none Method: GE

MORPHOLOGY

Bed Material: Dominant: G Subdom: F O1 B1 B2 B3 D1 D2 D3
D95: 27.0 D (cm): 4.00 Morph: RP DISTURBANCE INDICATORS
Pattern: IR C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: CO
Confinement: OC
FSZ: ☐ Bars: N ☒ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Poor - poor in streams but they have access to the lake upstream
Cover	Moderate - undercut banks with grasses lining the banks
Rearing Habitat	Moderate - riffle/pools with cover and access to lake
Spawning Habitat	Moderate - gravels but covered in algae

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 5 F: 1 STD U			Upstream photo of open pool area 20 cm deep with little cover
R: 5 F: 2 STD D			Downstream photo of riffle section with undercut banks and vascular plant cover

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-34400-00000-0000-0000-000-000-000-000-000

Reach #	ILP Map #	ILP #	Site
6.0			46

COMMENTS	
Section	Comments
SITE CARD	RB and DV captured
CHANNEL	Good stream for fish in channelized sections but open pool areas offer little cover.

FDIS Fish Card

Shelagyte River Planning Area

Watershed Code: 480-195700-34400-00000-0000-0000-000-000-000-000-000

Reach # 6.0
ILP Map #
ILP #

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0															
WS Code: 480-195700-34400-00000-0000-0000-000-000-000-000															
Waterbody ID:					ILP Map #:					ILP #:		Reach #: 6 -			
Project ID: 1550					Lake/Stream: S					Lake From Date:					
Fish Permit #:		145084K		Date: 2001/08/10		To: 2001/08/10		Agency: C172		Crew: JD/EL		Resample: ☐			
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd		MTD/NO	Temp	Cond	Turbid	Comment						
46	093M.075	22046	9	613541	6184354	GPU	EF	1	7	40	C				
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
46	EF	1	1	2001/08/10	08:50	2001/08/10	09:15								
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
46	EF	1	1	O	213	150.0	1.0	700	70	6	SMITH ROOT	12B			
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment						
46	EF	1	1	DV	J	12	49 130	R							
46	EF	1	1	RB	J	10	51 69	R							
INDIVIDUAL FISH DATA															
Site#	MTD/NO	H/P	Species	Length	Weight	Sex	Mat	Age		Vch#	Genetic		Roll #	Frame#	Comment
								Str/Smpl#	Age		Str/Smpl#				
46	EF	1	1	RB	51		U	U							
46	EF	1	1	RB	61		U	U							
46	EF	1	1	DV	60		U	U							
46	EF	1	1	DV	70		U	U							
46	EF	1	1	RB	69		U	U							
46	EF	1	1	DV	80		U	U							
46	EF	1	1	DV	95		U	U							
46	EF	1	1	RB	65		U	U							
46	EF	1	1	RB	62		U	U							
46	EF	1	1	RB	56		U	U							
46	EF	1	1	DV	100		U	U							
46	EF	1	1	DV	60		U	U							
46	EF	1	1	RB	58		U	U							
46	EF	1	1	RB	55		U	U							
46	EF	1	1	RB	52		U	U							
46	EF	1	1	RB	67		U	U							
46	EF	1	1	DV	49		U	U							
46	EF	1	1	DV	50		U	U							
46	EF	1	1	DV	100		U	U							
46	EF	1	1	DV	130		U	U							
46	EF	1	1	DV	120		U	U							
46	EF	1	1	DV	105		U	U							



Site #46, Upstream photo of open pool area 20 cm deep with little cover.
Roll #5, Frame #1, Date: 2001/08/10



Site #46, Downstream photo of riffle section with undercut banks and vascular plant cover.
Roll #5, Frame #2, Date: 2001/08/10

Shelagyote River Planning Area

Reach #	ILP Map #	ILP #
2.0		

Gazetted Name:	Local Name:
Watershed Code: 480-195700-16200-33900-0000-0000-000-000-000-000-000	ILP Map #: ILP #:

Reach #: 2.0	UTM(Zone/East/North): 9.616178.6173130		Sample Type: Biased
Length (km): .64	Coupling: Decoupled	Magnitude: 2	BGC Zone: SBS
Gradient (%): 5.2	Confinement: Occasionally Conf	Order: 2	Open water: Absent
US Elev (m): 976	Islands: NONE	Riparian Vegetation: Coniferous	
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural			

Site #: 47	Field UTM 9.616235.6173146	Agency: C172	Crew: JD/EL	Date: 2001/08/10
Site Length (m): 250	GIS UTM 9.616035.6173219	Agency Name: Triton Environmental Consultants (Terrace)		

No Vis.Ch.: ☐	Intermittent: ☐		Avg	Min	Max	#		Avg	Min	Max	#	
Dewatered: ☐	Tribs.: ☐		Channel Width (m):	2.42	2.1	3.1	6	Gradient %:	2.25	2	3	4
Stage: Low ☒			Wetted Width (m):	0.90	0.7	1.200	6	Pool Depth (m):	0.10	0.100	0.100	6
Med ☐			Bankfull Depth (m):	0.27	0.2	0.3	3					
High ☐	Temp (C): 8	pH: 8.3										
		Conductivity: 70										
								Turbidity: Turbid ☐		Low ☐		
								Moderate ☐		Clear ☒		

[illegible]

Total Cover: Abundant		Type:	SWD	LWD	B	U	DP	OV	IV	
LWD: Abundant		Amount:	S	S	T	T	N	D	T	
LWD Dist: Evenly Distributed		Location: P/S/O:	☒	☒	☒	☒	☐	☒	☒	FSZ: ☐
Right Bank:	Shape: Sloping (g	Texture: Fines ☒	Gravel ☐	Cobble ☐	Boulder ☐	Rock ☐	Manmade ☐	Crown Closure		
Left Bank:	Shape: Sloping (g	Texture: Fines ☒	Gravel ☐	Cobble ☐	Boulder ☐	Rock ☐	Manmade ☐	21-40%		
Right Bank:	Rip.Veg: Mixed C/D	Stage: Mature forest								
Left Bank:	Rip.Veg:	Stage: Mature forest		Instream Veg: None ☐ Algae ☒ Moss ☒ Vascular ☒						

Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
47	EF	1	250	312 sec	600	NFC	0		

FDIS Site Card

Shelagoyote River Planning Area

Watershed Code: 480-195700-16200-33900-0000-0000-000-000-000-000-000

Reach # ILP Map #

ILP #

Site

2.0

47

PROJECT

Project Name: Shelagoyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000

Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 480-195700-16200-33900-0000-0000-000-000-000-000-000
ILP Map#: ILP #: NID Map #: 093M.065 NID #: 22047 Reach #: 2.0 Site #: 47
Field UTM (Z.E.N): 9.616235.6173146 Method: GPU Site Lg: 250 Method: GE Access: H
GIS UTM (Z.E.N): 9.616035.6173219 Ref. Name:
Date: 2001/08/10 Time: 09:35 Agency: C172 Crew: JD/EL Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	MS	2.40	3.10	2.50	2.30	2.10	2.10					2.42	Method I:	2.0	3.0	C	2.25
Wetted Width (m):	MS	0.80	1.20	1.00	0.90	0.70	0.80					0.90	Method II:	2.0	2.0	C	
Pool Depth (m):	MS	0.10	0.10	0.10	0.10	0.10	0.10					0.10					

Wb Depth: .3 .3 .2 Avg: 0.27 Method: MS Stage: L ☒ M ☐ H ☐ No Vis.Ch.: ☐ Intermittent: ☐
Dw: ☐ Tribs.: ☐

COVER Total: A

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	S	S	T	T	N	D	T
Loc: P/S/O:	☒	☒	☒	☒	☐	☒	☒

CROWN CLOSURE

2 21-40%

INSTREAM VEG: N ☐ A ☒ M ☒ V ☒

LWD: A

DIST: E

LB SHP: S

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

RB SHP: S

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Temp: 8 Method: T4 Req #: Cond.: 70 Method: S3
pH: 8.3 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: 13.0 D (cm): 32.00 Morph: RP DISTURBANCE INDICATORS
Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: CO
Confinement: OC
FSZ: ☐ Bars: N ☒ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	None in survey but there is an accessible lake upstream
Cover	Moderate in moderate to high flows - sections of channel choked with SWD jams with some cobble boulder cover but mainly OV
Rearing Habitat	Moderate in moderate to high flows with cover and riffles
Spawning Habitat	Poor - angular gravels + covered in moss

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 5 F: 3	STD	U	Upstream photo of stream section choked with overstream vegetation
R: 5 F: 4	STD	D	Downstream photo of Stream with LWD/SWD jams creating cover

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-16200-33900-0000-0000-000-000-000-000-000

Reach #

ILP Map #

ILP #

Site

2.0

47

COMMENTS

Section	Comments
CHANNEL	NFC - Lake upstream should be sampled
CHANNEL	Channel is wide but moss covers rock in low spots
WATER	Stream is subject to very high flows and potentially dries up at points

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-16200-33900-0000-0000-000-000-000-000-000

Reach # 2.0
ILP Map #
ILP #

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0															
WS Code: 480-195700-16200-33900-0000-0000-000-000-000-000-000															
Waterbody ID:										ILP Map #:		ILP #:		Reach #: 2 -	
Project ID: 1550										Lake/Stream: S		Lake From Date:			
Fish Permit #: 145084K				Date: 2001/08/10				To: 2001/08/10		Agency: C172		Crew: JD/EL		Resample: ☐	
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment					
47	093M.065	22047	9	616235	6179146	GPU EF 1	8	70	C						
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
47	EF	1	2001/08/10	09:35	2001/08/10	10:05									
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
47	EF	1	1	O	312	250.0	1.0	600	70	6	SMITH ROOT	12B			
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment						
47	EF	1	1	NFC		0									



Site #47, Upstream photo of stream section choked with overstream vegetation.
Roll #5, Frame #3, Date: 2001/08/10



Site #47, Downstream photo of stream with LWD/SWD jams creating cover.
Roll #5, Frame #4, Date: 2001/08/10

FDIS Reach/Site Summary

Shelagyte River Planning Area

Watershed Code: 480-195700-15200-00000-00000-00000-00000-00000-000

Reach # ILP Map # ILP #

1.0

STREAM REFERENCING

Gazetted Name: Local Name: Watershed Code: 480-195700-15200-00000-00000-00000-00000-00000-00000 ILP Map #: ILP #:

REACH

Reach #: 1.0 UTM(Zone/East/North): 9.615072.6171342 Sample Type: Random
Length (km): .34 Coupling: Decoupled Magnitude: 1 BGC Zone: SBS
Gradient (%): 2.6 Confinement: Unconfined Order: 1 Open water: Absent
US Elev (m): 636 Islands: NONE Riparian Vegetation: Coniferous
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural

SITE

Site #: 48 Field UTM 9.615289.6171041 Agency: C172 Crew: JD/EL Date: 2001/08/10
Site Length (m): 100 GIS UTM 9.615130.6171229 Agency Name: Triton Environmental Consultants (Terrace)

CHANNEL

No Vis.Ch.: ☐ Intermittent: ☐ Avg Min Max #
Dewatered: ☐ Tribs.: ☐ Channel Width (m): 0.80 0.600 0.95 6
Stage: Low ☒ Wetted Width (m): 0.63 0.5 0.75 6
Med ☐ Bankfull Depth (m): 0.13 0.1 0.2 3
High ☐ Temp (C): 8 pH: 7.7 Conductivity: 110
Turbidity: Turbid ☐ Low ☐
Moderate ☐ Clear ☒

MORPHOLOGY

Bed Material: Dominant: Fines D95 (cm): 46.00 Bars: Non ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐
Subdominant: Boulders D (cm): 1.00 Braid ☐
Channel Pattern: Sinuous Islands: None DISTURBANCE INDICATORS O1 B1 B2 B3 D1 D2 D3
Coupling: Coupled C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Confinement: Occasionally Confine
Morphology: RP Riffle Pool

COVER

Total Cover: Abundant Type: SWD LWD B U DP OV IV
LWD: Few Amount: S T T N T D T
LWD Dist: Evenly Distributed Location: P/S/O: ☒ ☒ ☒ ☐ ☐ ☒ ☒ ☒ FSZ: ☐
Right Bank: Shape: Sloping (g) Texture: Fines ☒ Gravel ☐ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐ Crown Closure
Left Bank: Shape: Sloping (g) Texture: Fines ☒ Gravel ☐ Cobble ☐ Boulder ☒ Rock ☐ Manmade ☐ 71-90%
Right Bank: Rip.Veg: Shrubs Stage: Shrub/herb stage
Left Bank: Rip.Veg: Stage: Shrub/herb stage Instream Veg: None ☐ Algae ☒ Moss ☒ Vascular ☐

FISH

Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
48	EF	1	100	178 sec	600	CO	6	35	68

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-15200-00000-00000-00000-00000-00000-00000-00000

Reach # 1.0 ILP Map # ILP # Site 48

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-00000-00000-00000-00000-00000-00000-00000-00000
Project Code: 1550

WATERSHED

Gazetted Name: Local Name: None
Watershed Code: 480-195700-15200-00000-00000-00000-00000-00000-00000-00000-00000-00000
ILP Map#: ILP #: NID Map #: 093M.065 NID #: 22048 Reach #: 1.0 Site #: 48
Field UTM (Z.E.N): 9.615289.6171041 Method: GPU Site Lg: 100 Method: GE Access: H
GIS UTM (Z.E.N): 9.615130.6171229 Ref. Name:
Date: 2001/08/10 Time: 10:20 Agency: C172 Crew: JD/EL Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg
Channel Width (m):	MS	0.85	0.70	0.60	0.95	0.80	0.90					0.80
Wetted Width (m):	MS	0.50	0.60	0.60	0.70	0.60	0.75					0.63
Pool Depth (m):	MS	0.10	0.10	0.60	0.10	0.10	0.10					0.18

	Gradient %	Mtd	Avg
Method I:	1.0 0.0	C	0.50
Method II:	0.0 1.0	C	

Wb Depth: .1 .1 .2 Avg: 0.13 Method: MS Stage: L ☒ M ☐ H ☐

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

COVER Total: A

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	S	T	T	N	T	D	T
Loc: P/S/O:	☒	☒	☒	☐	☒	☒	☒

CROWN CLOSURE

4 71-90%

INSTREAM VEG: N ☐ A ☒ M ☒ V ☐

LWD: F DIST: E

LB SHP: S

Texture: F ☒ G ☐ C ☐ B ☒ R ☐ A ☐

RIP: S

STG: SHR

RB SHP: S

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

WATER

EMS: Req #: Temp: 8 Method: T4 Cond.: 110 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: B O1 B1 B2 B3 D1 D2 D3
D95: 46.0 D (cm): 1.00 Morph: RP DISTURBANCE INDICATORS
Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: CO
Confinement: OC
FSZ: ☐ Bars: N ☒ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	One pool in surveyed section that has potential overwintering if it is fed by groundwater
Cover	Good - channel was almost completely covered in overstream vegetation
Rearing Habitat	Moderate - moderate rearing for coho but limited by low flows. Fully vegetated across some sections of stream.
Spawning Habitat	None - mostly fines and organic debris

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 5 F: 5	STD	U	Upstream photo SWD and overstream vegetation in channel (typical)
R: 5 F: 6	STD	D	Downstream photo SWD and overstream vegetation in channel (typical)

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-15200-00000-0000-0000-000-000-000-000-000

Reach #	ILP Map #	ILP #	Site
1.0			48

COMMENTS	
Section	Comments
SITE CARD	Coho captured
CHANNEL	Channel in Reach 1 appears to be an old side channel of the Shelagyote River. Channel most likely dries up to form isolated pools in low flows

Shelagyote River Planning Area

Reach #	ILP Map #	ILP #
1.0		

[illegible]



Site #48, Upstream photo SWD and overstream vegetation in channel (typical).
Roll #5, Frame #5, Date: 2001/08/10



Site #48, Downstream photo SWD and overstream vegetation in channel (typical).
Roll #5, Frame #6, Date: 2001/08/10

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-04600-00000-00000-00000-00000-00000-00000-000

Reach # ILP Map # ILP #

1.0

STREAM REFERENCING

Gazetted Name:

Local Name:

Watershed Code: 480-195700-04600-00000-00000-00000-00000-00000-00000-000

ILP Map #:

ILP #:

REACH

Reach #: 1.0 UTM(Zone/East/North): 9.617136.6166828 Sample Type: Biased
 Length (km): .80 Coupling: Decoupled Magnitude: 53 BGC Zone: SBS
 Gradient (%): 10.1 Confinement: Occasionally Conf Order: 3 Open water: Absent
 US Elev (m): 653 Islands: NONE Riparian Vegetation: Deciduous
 Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural

SITE

Site #: 49 Field UTM 9.617882.6167089 Agency: C172 Crew: JD/EL Date: 2001/08/10
 Site Length (m): 100 GIS UTM 9.617697.6166985 Agency Name: Triton Environmental Consultants (Terrace)

CHANNEL

No Vis.Ch.: ☐ Intermittent: ☐
 Dewatered: ☐ Tribs.: ☐
 Stage: Low ☐ Med ☒ High ☐
 Temp (C): 11 pH: 7.8 Conductivity: 40
 Avg Min Max #
 Channel Width (m): 4.43 3.8 5.1 6
 Wetted Width (m): 2.63 2.1 3.1 6
 Bankfull Depth (m): 0.40 0.4 0.4 3
 Avg Min Max #
 Gradient %: 3.50 3 4 4
 Pool Depth (m): 0.22 0.100 0.400 6
 Turbidity: Turbid ☐ Low ☐
 Moderate ☐ Clear ☒

MORPHOLOGY

Bed Material: Dominant: Gravels D95 (cm): 17.00 Bars: Non ☐ Side ☒ Diagonal ☐ Mid-channel ☒ Span ☐
 Subdominant: Cobble D (cm): 5.00 Braid ☐
 Channel Pattern: Sinuous Islands: Occasional DISTURBANCE INDICATORS O1 B1 B2 B3 D1 D2 D3
 Coupling: Coupled C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
 Confinement: Occasionally Confine
 Morphology: RP Riffle Pool

COVER

Total Cover: Abundant Type: SWD LWD B U DP OV IV
 Amount: S D T T T T T
 LWD: Few Location: P/S/O: ☒ ☒ ☒ ☒ ☒ ☒ ☒ FSZ: ☐
 LWD Dist: Evenly Distributed
 Right Bank: Shape: Sloping (g) Texture: Fines ☒ Gravel ☒ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐ Crown Closure
 Left Bank: Shape: Sloping (g) Texture: Fines ☒ Gravel ☒ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐ 21-40%
 Right Bank: Rip.Veg: Mixed C/D Stage: Mature forest
 Left Bank: Rip.Veg: Stage: Mature forest Instream Veg: None ☐ Algae ☐ Moss ☒ Vascular ☒

FEATURES

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)
093M.065	88047	F	3.0	GE		HC	R: F: L:	#:	9.616365.6166
Comments: Height estimate from helicopter									
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)
093M.065	88046	C	2.0	GE	1	GE	R: F: L:	#:	9.615951.6166
Comments: Height estimate from helicopter									

FISH

Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
49	EF	1	100	239 sec	500	RB	8	40	83
49	EF	1	100	239 sec	500	CO	10	36	98

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-04600-00000-0000-0000-000-000-000-000-000

Reach # ILP Map #

ILP #

Site

1.0

49

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000

Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 480-195700-04600-00000-0000-000-000-000-000-000-000
ILP Map #: ILP #: NID Map #: 093M.065 NID #: 22049 Reach #: 1.0 Site #: 49
Field UTM (Z.E.N): 9.617882.6167089 Method: GPU Site Lg: 100 Method: GE Access: H
GIS UTM (Z.E.N): 9.617697.6166985 Ref. Name:
Date: 2001/08/10 Time: 11:20 Agency: C172 Crew: JD/EL Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg
Channel Width (m):	MS	4.30	3.80	5.10	4.60	4.10	4.70					4.43
Wetted Width (m):	MS	2.10	2.50	3.10	2.40	3.00	2.70					2.63
Pool Depth (m):	MS	0.10	0.20	0.20	0.40	0.10	0.30					0.22

	Gadient %	Mtd	Avg
Method I:	4.0	3.0	C
Method II:	3.0	4.0	C

Wb Depth: .4 .4 .4 Avg: 0.40 Method: MS Stage: L ☐ M ☒ H ☐

No Vis.Ch.: ☐ Intermittent: ☐
Dw: ☐ Tribes: ☐

COVER Total: A

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	S	D	T	T	T	T	T
Loc: P/S/O:	☒	☒	☒	☒	☒	☒	☒

CROWN CLOSURE

2 21-40%

INSTREAM VEG: N ☐ A ☐ M ☒ V ☒

LWD: F DIST: E

LB SHP: S

Texture: F ☒ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

RB SHP: S

Texture: F ☒ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Temp: 11 Method: T4 Req #: Cond.: 40 Method: S3
pH: 7.8 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: None observed Method: GE

MORPHOLOGY

Bed Material: Dominant: G Subdom: C O1 B1 B2 B3 D1 D2 D3
D95: 17.0 D (cm): 5.00 Morph: RP DISTURBANCE INDICATORS
Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: O
Coupling: CO
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
093M.065	88047	F	3.0	GE		HC	R: F: L: #:		9.616365.6166778	GIS
Comments: Height estimate from helicopter										
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)	Method
093M.065	88046	C	2.0	GE	1	GE	R: F: L: #:		9.615951.6166832	GIS
Comments: Height estimate from helicopter										

HABITAT QUALITY

Name

Comments

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-04600-00000-0000-0000-000-000-000-000-000

Reach # ILP Map # ILP # Site
1.0 49

HABITAT QUALITY				
Name		Comments		
OverWinter Habitat		None in surveyed section		
Cover		Moderate-most sections with good LWD complexes but some open glide sections with no cover for fish		
Rearing Habitat		Moderate-riffle pool complex limited by water depth		
Spawning Habitat		Good-good quality gravel for all spawning fish (salmon and trout)		
PHOTOS				
Photo		Foc Lg	Dir	Comments
R:	5	F:	7	STD U Upstream photo of riffle over cobble
R:	5	F:	8	STD D Downstream photo of riffle section with side gravel bar
COMMENTS				
Section		Comments		
CHANNEL		Stream was followed down from lake and two fish barriers were observed but it may have potential for more barriers. Difficult to see through deciduous vegetation.		

FDIS Fish Card

Shelagyte River Planning Area

Watershed Code: 480-195700-04600-00000-0000-0000-000-000-000-000-000

Reach # 1.0
ILP Map #
ILP #

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-0000-000-000-000-000-0															
WS Code: 480-195700-04600-00000-0000-0000-000-000-000-000-000															
Waterbody ID:										ILP Map #:		ILP #:		Reach #: 1 -	
Project ID: 1550										Lake/Stream: S		Lake From Date:			
Fish Permit #:		145084K		Date: 2001/08/10		To: 2001/08/10		Agency: C172		Crew: JD/EL		Resample: ☐			
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd		MTD/NO	Temp	Cond	Turbid	Comment						
49	093M.065	22049	9	617882	6167089	GPU	EF	1	11	40	C				
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
49	EF	1	1	2001/08/10	11:20	2001/08/10	11:45								
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
49	EF	1	1	O	239	100.0	1.0	500	70	6	SMITH ROOT	12B			
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)		FishAct	Comment					
49	EF	1	1	RB	J	4	54	83	R						
49	EF	1	1	RB	F	4	40	49	R						
49	EF	1	1	CO	J	3	60	98	R						
49	EF	1	1	CO	F	7	36	55	R						
INDIVIDUAL FISH DATA															
Site#	MTD/NO	H/P	Species	Length	Weight	Sex	Mat	Age		Vch#	Genetic		Roll #	Frame#	Comment
								Str/Smpl#	Age		Str/Smpl#				
49	EF	1	1	CO	55		U	U							
49	EF	1	1	RB	40		U	U							
49	EF	1	1	CO	50		U	U							
49	EF	1	1	RB	40		U	U							
49	EF	1	1	CO	60		U	U							
49	EF	1	1	CO	36		U	U							
49	EF	1	1	CO	98		U	U							
49	EF	1	1	CO	40		U	U							
49	EF	1	1	RB	49		U	U							
49	EF	1	1	CO	45		U	U							
49	EF	1	1	CO	70		U	U							
49	EF	1	1	RB	45		U	U							
49	EF	1	1	CO	50		U	U							
49	EF	1	1	RB	54		U	U							
49	EF	1	1	RB	65		U	U							
49	EF	1	1	CO	52		U	U							
49	EF	1	1	RB	53		U	U							
49	EF	1	1	RB	70		U	U							



Site #49, Upstream photo of riffle over cobble.
Roll #5, Frame #7, Date: 2001/08/10



Site #49, Downstream photo of riffle section with side gravel bar.
Roll #5, Frame #8, Date: 2001/08/10

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-123000-00000-00000-0000-000-000-000-000-000-000

Reach # ILP Map # ILP #

1.0

STREAM REFERENCING									
Gazetted Name:					Local Name:				
Watershed Code: 480-123000-00000-00000-0000-000-000-000-000-000-000					ILP Map #:		ILP #:		
REACH									
Reach #: 1.0		UTM(Zone/East/North): 9.606996.6165075				Sample Type: Biased			
Length (km): .35		Coupling: Partially Couple		Magnitude: 2		BGC Zone: SBS			
Gradient (%): 19.1		Confinement: Frequently Confin		Order: 2		Open water: Absent			
US Elev (m): 533		Islands: NONE		Riparian Vegetation: Coniferous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 50		Field UTM 9.606629.6164974		Agency: C172		Crew: JD/EL		Date: 2001/08/10	
Site Length (m): 100		GIS UTM 9.606800.6164929		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐ Intermittent: ☐				Avg		Min		Max	
Dewatered: ☐ Tribs.: ☐				Avg		Min		Max	
Stage: Low ☐		Channel Width (m): 1.17		0.800		1.600		6	
Med ☒		Wetted Width (m): 0.83		0.7		1		6	
High ☐		Bankfull Depth (m): 0.27		0.2		0.3		3	
Temp (C): 8		pH: 8.1		Conductivity: 140					
				Turbidity: Turbid ☐		Low ☐			
						Moderate ☐		Clear ☒	
MORPHOLOGY									
Bed Material: Dominant: Gravels		D95 (cm): 46.00		Bars: Non ☒		Side ☐		Diagonal ☐	
Subdominant: Cobble		D (cm): 5.00				Mid-channel ☐		Span ☐	
Channel Pattern: Sinuous		Islands: None		DISTURBANCE		O1		B1	
Coupling: Partially Coupled				INDICATORS		B2		B3	
Confinement: Frequently Confined						D1		D2	
Morphology: CP Cascade Pool						D3			
				C1		C2		C3	
				C4		C5		S1	
				S2		S3		S4	
				S5					
COVER									
Total Cover: Moderate		Type: SWD		LWD		B		U	
LWD: Few		Amount: S		S		T		T	
LWD Dist: Evenly Distributed		Location: P/S/O:		☒		☒		☒	
				☒		☒		☒	
Right Bank: Shape: Sloping (g)		Texture: Fines ☒		Gravel ☒		Cobble ☐		Boulder ☐	
Left Bank: Shape: Sloping (g)		Texture: Fines ☒		Gravel ☒		Cobble ☐		Boulder ☐	
Right Bank: Rip.Veg: Mixed C/D		Stage: Mature forest							
Left Bank: Rip.Veg:		Stage: Mature forest							
				Instream Veg: None ☐		Algae ☐		Moss ☒	
								Vascular ☒	
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
50	EF	1	100	178 sec	500	NFC	0		

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-123000-00000-00000-0000-000-000-000-000-000-000

Reach # 1.0 ILP Map # ILP # Site 50

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: Local Name: None
Watershed Code: 480-123000-00000-00000-0000-000-000-000-000-000-000
ILP Map#: ILP #: NID Map #: 093M.064 NID #: 22050 Reach #: 1.0 Site #: 50
Field UTM (Z.E.N): 9.606629.6164974 Method: GPU Site Lg: 100 Method: GE Access: H
GIS UTM (Z.E.N): 9.606800.6164929 Ref. Name:
Date: 2001/08/10 Time: 12:50 Agency: C172 Crew: JD/EL Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg
Channel Width (m):	MS	1.60	0.90	1.30	1.10	1.30	0.80					1.17
Wetted Width (m):	MS	0.70	0.90	1.00	0.70	1.00	0.70					0.83
Pool Depth (m):	MS	0.10	0.10	0.10	0.10	0.20	0.10					0.12

	Gadient %		Mtd	Avg
Method I:	22.0	17.0	C	17.25
Method II:	14.0	16.0	C	

Wb Depth: .2 .3 .3 Avg: 0.27 Method: MS Stage: L ☐ M ☒ H ☐ No Vis.Ch.: ☐ Intermittent: ☐
Dw: ☐ Tribs.: ☐

COVER Total: M

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	S	S	T	T	N	D	T
Loc: P/S/O:	☒	☒	☒	☒	☐	☒	☒

LWD: F DIST: E

LB SHP: S

Texture: F ☒ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☐ A ☐ M ☒ V ☒

RB SHP: S

Texture: F ☒ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Req #: Cond.: 140 Method: S3
Temp: 8 Method: T4
pH: 8.1 Method: P2
Flood Signs: none Method: GE
Turb.: T ☐ M ☐ L ☐ C ☒

MORPHOLOGY

Bed Material: Dominant: G Subdom: C
D95: 46.0 D (cm): 5.00 Morph: CP
Pattern: SI
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐
DISTURBANCE INDICATORS
O1 B1 B2 B3 D1 D2 D3
C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Bars: N ☒ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	None in surveyed section
Cover	Moderate - mostly overstream vegetation
Rearing Habitat	Poor - cascade complex but lacks pools and water flow
Spawning Habitat	Poor - lack water depth over gravel (even at high water)
COMMENTS	
Section	Comments
SITE CARD	Stream is not properly mapped

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-123000-00000-00000-0000-0000-000-000-000-000-000

Reach #	ILP Map #	ILP #	Site
1.0			50

COMMENTS	
Section	Comments
CHANNEL	Bottom section of stream is a barrier to fish migration
CHANNEL	First 50 m of stream has a gradient of 21%. Stream flattens out but NFC.
SITE CARD	No photos taken (dead battery)

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-123000-00000-00000-0000-000-000-000-000-000-000

Reach # 1.0
ILP Map #
ILP #

WATERBODY														
Gazetted Name:										Local: None				
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0														
WS Code: 480-123000-00000-00000-0000-000-000-000-000-000														
Waterbody ID:					ILP Map #:					ILP #:		Reach #: 1 -		
Project ID: 1550					Lake/Stream: S					Lake From Date:				
Fish Permit #:		145084K		Date: 2001/09/10		To: 2001/09/10		Agency: C172		Crew: JD/EL		Resample: ☐		
SITE / METHOD														
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment				
50	093M.064	22050	9	606629	6164974	GPU EF 1	8	140	C	NFC				
A. GEAR SETTINGS														
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment							
50	EF	1	1	2001/09/10	12:50	2001/09/10	13:20							
C. ELECTROFISHER SPECIFICATIONS														
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model			
50	EF	1	1	O	178	100.0	1.0	500	70	6	SMITH ROOT	12B		
FISH SUMMARY														
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment					
50	EF	1	1	NFC		0								

FDIS Reach/Site Summary

Shelagyte River Planning Area

Watershed Code: 480-149000-00000-00000-0000-000-000-000-000-000

Reach # ILP Map # ILP #

1.0

STREAM REFERENCING											
Gazetted Name:						Local Name:					
Watershed Code: 480-149000-00000-00000-0000-000-000-000-000-000						ILP Map #:		ILP #:			
REACH											
Reach #: 1.0		UTM(Zone/East/North): 9.611746.6163802				Sample Type: Biased					
Length (km): .36		Coupling: Partially Couple		Magnitude: 26		BGC Zone: SBS					
Gradient (%): 13.3		Confinement: Occasionally Conf		Order: 3		Open water: Absent					
US Elev (m): 538		Islands: NONE		Riparian Vegetation: Deciduous							
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural											
SITE											
Site #: 51		Field UTM 9.611599.6163570		Agency: C172		Crew: JD/EL		Date: 2001/08/10			
Site Length (m): 150		GIS UTM 9.611672.6163691		Agency Name: Triton Environmental Consultants (Terrace)							
CHANNEL											
No Vis.Ch.: ☐		Intermittent: ☐									
Dewatered: ☐		Tribes.: ☐									
Stage: Low ☒											
Med ☐											
High ☐											
Temp (C): 9		pH: 8.1		Conductivity: 40		Turbidity: Turbid ☐		Low ☐			
						Moderate ☐		Clear ☒			
MORPHOLOGY											
Bed Material: Dominant: Boulders		D95 (cm): 76.00		Bars: Non ☒		Side ☐		Diagonal ☐		Mid-channel ☐	
Subdominant: Cobble		D (cm): 9.00				Span ☐				Braid ☐	
Channel Pattern: Sinuous		Islands: None		DISTURBANCE INDICATORS		O1		B1		B2	
Coupling: Partially Coupled						B3		D1		D2	
Confinement: Occasionally Confine						D3					
Morphology: CP Cascade Pool						C1		C2		C3	
						C4		C5		S1	
						S2		S3		S4	
						S5					
COVER											
Total Cover: Abundant		Type: SWD		LWD		B		U		DP	
LWD: Few		Amount: T		S		D		N		T	
LWD Dist: Evenly Distributed		Location: P/S/O:		☒		☒		☒		☒	
				☒		☒		☒		☒	
Right Bank: Shape: Sloping (g)		Texture: Fines ☐		Gravel ☒		Cobble ☒		Boulder ☐		Rock ☐	
Left Bank: Shape: Sloping (g)		Texture: Fines ☐		Gravel ☒		Cobble ☒		Boulder ☐		Rock ☐	
Right Bank: Rip.Veg: Mixed C/D		Stage: Mature forest								Crown Closure	
Left Bank: Rip.Veg:		Stage: Mature forest								1-20%	
										Instream Veg: None ☐	
										Algae ☐	
										Moss ☒	
										Vascular ☐	
FEATURES											
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo		AirPhoto		UTM (Z/E/N)
093M.064	88048	C	2.5	GE	2	GE	R:	F:	L:	#:	9.611741.6164
Comments: Observed from helicopter											
FISH											
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)		
51	EF	1	150	178 sec	700	RB	2	109	128		
51	EF	1	150	178 sec	700	DV	1	117	117		

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-149000-00000-00000-0000-000-000-000-000-000

Reach #

ILP Map #

ILP #

Site

1.0

51

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000

Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 480-149000-00000-00000-0000-000-000-000-000-000
ILP Map #: ILP #: NID Map #: 093M.064 NID #: 22051 Reach #: 1.0 Site #: 51
Field UTM (Z.E.N): 9.611599.6163570 Method: GPU Site Lg: 150 Method: GE Access: H
GIS UTM (Z.E.N): 9.611672.6163691 Ref. Name:
Date: 2001/08/10 Time: 13:50 Agency: C172 Crew: JD/EL Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	MS	7.20	5.10	6.30	5.40	5.10	5.20					5.72	Method I:	12.0	7.0	C 9.25
Wetted Width (m):	MS	3.10	4.90	5.10	4.20	4.00	3.90					4.20	Method II:	10.0	8.0	C
Pool Depth (m):	MS	0.10	0.10	0.20	0.10	0.20	0.10					0.13				

Wb Depth: .4 .4 .4

Avg: 0.40

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	N	T	S	T
Loc: P/S/O:	☒	☒	☒	☐	☒	☒	☒

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☐ A ☐ M ☒ V ☐

LWD: F

DIST: E

LB SHP: S

Texture: F ☐ G ☒ C ☒ B ☐ R ☐ A ☐

RIP: M

STG: MF

RB SHP: S

Texture: F ☐ G ☒ C ☒ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Temp: 9 Method: T4 Req #: Cond.: 40 Method: S3
pH: 8.1 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: Rafted debris Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C O1 B1 B2 B3 D1 D2 D3
D95: 76.0 D (cm): 9.00 Morph: CP DISTURBANCE INDICATORS C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Pattern: SI
Islands: N
Coupling: PC
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
093M.064	88048	C	2.5	GE	2	GE	R: F: L:	#:	9.611741.6164691	GIS

Comments: Observed from helicopter

HABITAT QUALITY

Name	Comments
OverWinter Habitat	None observed in surveyed section
Cover	Moderate-good boulder/cover with overstream vegetation
Rearing Habitat	Moderate-cascade pool complex that is subject to drying up at the confluence with the Babine

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-149000-00000-00000-0000-000-000-000-000-000-000

Reach #

ILP Map #

ILP #

Site

1.0

51

HABITAT QUALITY					
Name				Comments	
Spawning Habitat				Poor-small pockets of gravel observed. Mostly boulder/cobble substrate	
PHOTOS					
Photo			Foc Lg	Dir	Comments
R:	5	F: 10	STD	D	Downstream photo of stream section with overstream vegetation
R:	5	F: 9	STD	U	Upstream photo of small cascades over boulders
COMMENTS					
Section			Comments		
CHANNEL			Stream dewatered at the confluence with the Babine		

FDIS Fish Card

Shelagoyote River Planning Area

Watershed Code: 480-149000-00000-00000-0000-0000-000-000-000-000-000

Reach # 1.0
ILP Map #
ILP #

WATERBODY														
Gazetted Name:										Local: None				
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0														
WS Code: 480-149000-00000-00000-0000-000-000-000-000-000														
Waterbody ID:				ILP Map #:				ILP #:		Reach #:		1 -		
Project ID: 1550				Lake/Stream: S				Lake From Date:						
Fish Permit #:		145084K		Date: 2001/08/10		To: 2001/08/10		Agency: C172		Crew: JD/EL		Resample: ☐		
SITE / METHOD														
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment				
51	093M.064	22051	9	611599	6163570	GPU	EF	1	9	40	C			
A. GEAR SETTINGS														
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment							
51	EF	1	1	2001/08/10	13:50	2001/08/10	14:15							
C. ELECTROFISHER SPECIFICATIONS														
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model			
51	EF	1	1	O	178	150.0	1.0	700	70	6	SMITH ROOT	12B		
FISH SUMMARY														
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)		FishAct	Comment				
51	EF	1	1	RB	J	2	109	128	R					
51	EF	1	1	DV	J	1	117	117	R					
INDIVIDUAL FISH DATA														
Site#	MTD/NO	H/P	Species	Length	Weight	Sex	Mat	Age		Vch#	Genetic	Roll #	Frame#	Comment
								Str/Smpl#/Age			Str/Smpl#			
51	EF	1	1	DV	117		U	U						
51	EF	1	1	RB	109		U	U						
51	EF	1	1	RB	128		U	U						



Site #51, Upstream photo of small cascades over boulders.
Roll #5, Frame #9, Date: 2001/08/10



Site #51, Downstream photo of stream section with overstream vegetation.
Roll #5, Frame #10, Date: 2001/08/10

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-069500-00000-00000-0000-000-000-000-000-000-000

Reach # 4.0 ILP Map # ILP # Site 201

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: SHENISMIKE CREEK
Local Name: Shenismike Creek
Watershed Code: 480-069500-00000-00000-0000-000-000-000-000-000-000
ILP Map#: ILP #: NID Map #: 093M.064 NID #: 20001 Reach #: 4.0 Site #: 201
Field UTM (Z.E.N): ... Method: Site Lg: 250 Method: MAP Access: H
GIS UTM (Z.E.N): 9.602708.6173010 Ref. Name:
Date: 2001/08/05 Time: 09:30 Agency: C172 Crew: JH/RB Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadlent %		Mtd	Avg
Channel Width (m):	T	8.50	12.00	10.00	8.50	10.00	8.00					9.50	Method I:	5.0	6.0	C	5.50
Wetted Width (m):	T	6.00	7.00	6.00	8.00	7.50	6.00					6.75	Method II:			C	
Pool Depth (m):	MS	0.90	0.80	1.00	1.00	0.90	0.70					0.88					

Wb Depth: 1.0 1.0 1.5 Avg: 1.17 Method: MS Stage: L ☐ M ☒ H ☐

COVER Total: M

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	N	T	S	N	D	T	N
Loc: P/S/O:	☐	☒	☒	☐	☒	☒	☐

LWD: F DIST: C

LB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

RB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Temp: 6 Method: T4 Req #: Cond.: 50 Method: S3
pH: 7.8 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: rafted debris Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C O1 B1 B2 B3 D1 D2 D3
D95: 100.0 D (cm): 40.00 Morph: CP DISTURBANCE INDICATORS
Pattern: IR C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐
Bars: N ☐ SIDE ☒ DIAG ☐ MID ☒ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Moderate - associated with deep pools and possible perennial flows
Rearing Habitat	Moderate - associated with larger pools/cover/flows
Spawning Habitat	Moderate - associated with gravels/flows/cover

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 21 F: 1	STD	U	Upstream toward helicopter on bar
R: 21 F: 2	STD	D	Downstream from helicopter

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-069500-00000-00000-0000-000-000-000-000-000-000

Reach #	ILP Map #	ILP #	Site
4.0			201

COMMENTS	
Section	Comments
CHANNEL	NFC with extensive effort
CHANNEL	Numberous barriers observed during overflight

FDIS Fish Card

Shelagyote River Planning Area

Reach # ILP Map # ILP #

Watershed Code: 480-069500-00000-00000-0000-0000-000-000-000-000-000

4.0

WATERBODY													
Gazetted Name: SHENISMIKE CREEK										Local: Shenismike Creek			
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0													
WS Code: 480-069500-00000-00000-0000-000-000-000-000-000													
Waterbody ID:				ILP Map #:				ILP #:		Reach #:		4 -	
Project ID: 1550				Lake/Stream: S				Lake From Date:					
Fish Permit #: 145084K				Date: 2001/08/05		To: 2001/08/05		Agency: C172		Crew: JH/RB		Resample: ☐	
SITE / METHOD													
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO		Temp	Cond	Turbid	Comment		
202	093M.074	20002				GPU	EF 1	6	50	C			
201	093M.064	20001				GPU	EF 1	6	50	C			
A. GEAR SETTINGS													
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment						
201	EF 1	1	2001/08/05	09:20	2001/08/05	09:50							
202	EF 1	1	2001/08/05	10:10	2001/08/05	10:40							
C. ELECTROFISHER SPECIFICATIONS													
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model		
201	EF	1	1	O	469	380.0	10.0	600	60	6	SMITH ROOT	12B	
202	EF	1	1	O	635	425.0	10.0	600	60	6	SMITH ROOT	12B	
FISH SUMMARY													
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment				
201	EF	1	1	NFC		0							
202	EF	1	1	NFC		0							



Site #201, Upstream toward helicopter on bar.
Roll #21, Frame #1, Date: 2001/08/05



Site #201, Downstream from helicopter.
Roll #21, Frame #2, Date: 2001/08/05

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-069500-00000-00000-0000-000-000-000-000-000-000

Reach # ILP Map # ILP #

4.0

STREAM REFERENCING									
Gazetted Name: SHENISMIKE CREEK					Local Name:				
Watershed Code: 480-069500-00000-00000-0000-000-000-000-000-000-000					ILP Map #:		ILP #:		
REACH									
Reach #: 4.0		UTM(Zone/East/North): 9.602634.6175477				Sample Type: Biased			
Length (km): 3.41		Coupling: Coupled		Magnitude: 52		BGC Zone: ESSF			
Gradient (%): 5.9		Confinement: Confined		Order: 4		Open water: Absent			
US Elev (m): 1195		Islands: NONE		Riparian Vegetation: Coniferous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 201		Field UTM ..		Agency: C172		Crew: JH/RB		Date: 2001/08/05	
Site Length (m): 250		GIS UTM 9.602708.6173010		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max	
Dewatered: ☐		Tribes.: ☐		Channel Width (m): 9.50		8		12	
Stage: Low ☐				Wetted Width (m): 6.75		6		8	
Med ☒				Bankfull Depth (m): 1.17		1		1.5	
High ☐									
Temp (C): 6		pH: 7.8		Conductivity: 50		Turbidity: Turbid ☐		Low ☐	
						Moderate ☐		Clear ☒	
MORPHOLOGY									
Bed Material: Dominant: Boulders		D95 (cm): 100.00		Bars: Non ☐		Side ☒		Diagonal ☐	
Subdominant: Cobble		D (cm): 40.00						Mid-channel ☒	
Channel Pattern: Irregular, Wandering		Islands: None		DISTURBANCE		O1		B1	
Coupling: Partially Coupled				INDICATORS		B2		B3	
Confinement: Frequently Confined						D1		D2	
Morphology: CP Cascade Pool						D3			
				C1		C2		C3	
				C4		C5		S1	
				S2		S3		S4	
				S5					
COVER									
Total Cover: Moderate		Type: SWD		LWD		B		U	
LWD: Few		Amount: N		T		S		N	
LWD Dist: Clumped		Location: P/S/O:		☒		☒		☒	
				☒		☒		☒	
Right Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☐		Boulder ☐	
Left Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☐		Boulder ☐	
Right Bank: Rip.Veg: Mixed C/D		Stage: Mature forest		Instream Veg: None ☒		Algae ☐		Moss ☐	
Left Bank: Rip.Veg:		Stage: Mature forest				Vascular ☐			
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
201	EF	1	380	469 sec	600	NFC	0		
202	EF	1	425	635 sec	600	NFC	0		

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-069500-00000-00000-0000-000-000-000-000-000-000

Reach #

ILP Map #

ILP #

4.0

WATERBODY													
Gazetted Name: SHENISMIKE CREEK										Local: Shenismike Creek			
Project Code: 480-000000-00000-00000-0000-000-000-000-000-000-0													
WS Code: 480-069500-00000-00000-0000-000-000-000-000-000-000													
Waterbody ID:				ILP Map #:				ILP #:		Reach #:		4 -	
Project ID: 1550				Lake/Stream: S				Lake From Date:					
Fish Permit #:			145084K		Date: 2001/08/05		To: 2001/08/05		Agency: C172		Crew: JH/RB		
												Resample: ☐	
SITE / METHOD													
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment			
202	093M.074	20002				GPU EF 1	6	50	C				
201	093M.064	20001				GPU EF 1	6	50	C				
A. GEAR SETTINGS													
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment						
201	EF	1	1	2001/08/05	09:20	2001/08/05	09:50						
202	EF	1	1	2001/08/05	10:10	2001/08/05	10:40						
C. ELECTROFISHER SPECIFICATIONS													
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model		
201	EF	1	1	O	469	380.0	10.0	600	60	6	SMITH ROOT	12B	
202	EF	1	1	O	635	425.0	10.0	600	60	6	SMITH ROOT	12B	
FISH SUMMARY													
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment				
201	EF	1	1	NFC		0							
202	EF	1	1	NFC		0							

Shelagyote River Planning Area

Reach #	ILP Map #	ILP #
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STREAM REFERENCING

Local Name:

ILP Map #:

ILP #:

Reach #: 5.0	UTM(Zone/East/North): 9.602121.6176279	Sample Type: Biased
Length (km): 1.09	Coupling: Coupled	BGC Zone: ESSF
Gradient (%): 5.8	Confinement: Occasionally Conf	Order: 4
US Elev (m): 1258	Islands: NONE	Riparian Vegetation: Coniferous
Open water: Absent		
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural		

Site #: 203	Field UTM ..	Agency: C172	Crew: JH/RB	Date: 2001/08/05
Site Length (m): 260	GIS UTM 9.602613, 6175766	Agency Name: Triton Environmental Consultants (Terrace)		

No Vis.Ch.: ☐	Intermittent: ☐		Avg	Min	Max	#		Avg	Min	Max	#	
Dewatered: ☐	Tribs.: ☐											
Stage: Low ☐		Channel Width (m):	9.67	7.5	12	6		Gradient %:	5.50	4	7	4
Med ☒		Wetted Width (m):	7.72	6.5	9.5	6		Pool Depth (m):	1.02	0.800	1.200	6
High ☐	Temp (C): 6	Bankfull Depth (m):	1.20	1	1.4	3						
		pH: 7.8						Turbidity.: Turbid ☐		Low ☐		
		Conductivity: 50						Moderate ☐		Clear ☒		

Bed Material: Dominant: Boulders D95 (cm): 120.00 Bars: Non ☐ Side ☒ Diagonal ☐ Mid-channel ☐ Span ☐
Subdominant: Cobble D (cm): 50.00 Braid ☐
Channel Pattern: Irregular, Wandering Islands: None
Coupling: Partially Coupled DISTURBANCE INDICATORS O1 B1 B2 B3 D1 D2 D3
Confinement: Frequently Confined C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Morphology: CP Cascade Pool

Total Cover: Moderate		Type:	SWD	LWD	B	U	DP	OV	IV	
LWD: Few		Amount:	N	T	S	N	D	N	N	
LWD Dist: Clumped		Location: P/S/O:	☐	☒	☒	☐	☒	☐	☐	FSZ: ☐
Right Bank:	Shape: V - shape	Texture: Fines	☐ Gravel	☒ Cobble	☐ Boulder	☐ Rock	☐ Manmade			Crown Closure
Left Bank:	Shape: V - shape	Texture: Fines	☐ Gravel	☒ Cobble	☐ Boulder	☐ Rock	☐ Manmade			1-20%
Right Bank:	Rip.Veg: Mixed C/D	Stage: Mature forest								
Left Bank:	Rip.Veg:	Stage: Mature forest								
		Instream Veg:		☒ None	☐ Algae	☐ Moss	☐ Vascular			

Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
203	EF	1	250	478 sec	600	NFC	0		

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-069500-00000-00000-0000-000-000-000-000-000

Reach # 5.0 ILP Map # ILP # 203 Site 203

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: SHENISMIKE CREEK
Local Name: Shenismike Creek
Watershed Code: 480-069500-00000-00000-0000-000-000-000-000-000
ILP Map#: ILP #: NID Map #: 093M.074 NID #: 20003 Reach #: 5.0 Site #: 203
Field UTM (Z.E.N): ... Method: Site Lg: 260 Method: MAP Access: H
GIS UTM (Z.E.N): 9.602613.6175766 Ref. Name:
Date: 2001/08/05 Time: 11:00 Agency: C172 Crew: JH/RB Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T	8.50	7.50	9.00	10.00	12.00	11.00					9.67	Method I:	4.0	5.0	C 5.50
Wetted Width (m):	T	7.00	7.00	8.30	6.50	9.50	8.00					7.72	Method II:	6.0	7.0	C
Pool Depth (m):	T	1.00	1.20	1.20	1.00	0.90	0.80					1.02				

Wb Depth: 1.0 1.4 1.2 Avg: 1.20 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	S	N	D	N	N
Loc: P/S/O:	☐	☒	☒	☐	☒	☐	☐

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

LWD: F DIST: C

LB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

RB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Temp: 6 Method: T4 Req #: Cond.: 50 Method: S3
pH: 7.8 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: Rafted debris Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C O1 B1 B2 B3 D1 D2 D3
D95: 120.0 D (cm): 50.0 Morph: CP DISTURBANCE INDICATORS
Pattern: IR C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐ Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Moderate-associated with pools and possible perennial flows
Rearing Habitat	Moderate-associated with cover and pools
Spawning Habitat	Moderate-associated with flows and substrates

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 21 F: 3 STD U			Upstream photo of cascade/pool section with large boulders
R: 21 F: 4 STD D			Downstream photo of cascade/pool habitat
R: 21 F: 5 STD U			Barrier in lower reach

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-069500-00000-00000-0000-000-000-000-000-000-000

Reach #	ILP Map #	ILP #	Site
5.0			203

COMMENTS	
Section	Comments
CHANNEL	No fish caught

FDIS Fish Card

Shelagoyote River Planning Area

Watershed Code: 480-069500-00000-00000-0000-0000-000-000-000-000-000-000

Reach # 5.0
ILP Map #
ILP #

WATERBODY													
Gazetted Name: SHENISMIKE CREEK										Local: Shenismike Creek			
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0													
WS Code: 480-069500-00000-00000-0000-000-000-000-000-000													
Waterbody ID:				ILP Map #:				ILP #:		Reach #:		5 -	
Project ID: 1550				Lake/Stream: S				Lake From Date:					
Fish Permit #:		145084K		Date: 2001/08/05		To: 2001/08/05		Agency: C172		Crew: JH/RB		Resample: ☐	
SITE / METHOD													
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment			
203	093M.074	20003				GPU EF 1	6	50	C				
A. GEAR SETTINGS													
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment						
203	EF	1	1	2001/08/05	10:55	2001/08/05	12:10						
C. ELECTROFISHER SPECIFICATIONS													
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model		
203	EF	1	1	O	478	250.0	10.0	600	60	6	SMITH ROOT	12B	
FISH SUMMARY													
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment				
203	EF	1	1	NFC		0							



Site #203, Upstream photo of cascade/pool section with large boulders.
Roll #21, Frame #3, Date: 2001/08/05



Site #203, Downstream photo of cascade/pool habitat.
Roll #21, Frame #4, Date: 2001/08/05



Site #203, Barrier in lower reach.
Roll #21, Frame #5, Date: 2001/08/05

Shelagyote River Planning Area

5.0

STREAM REFERENCING																																					
Gazetted Name:					Local Name:																																
Watershed Code: 480-093700-00000-00000-0000-000-000-000-000-000-000					ILP Map #:		ILP #:																														
REACH																																					
Reach #: 5.0		UTM(Zone/East/North): 9.603403.6170140				Sample Type: Biased																															
Length (km): 1.83		Coupling: Partially Couple		Magnitude: 7		BGC Zone: ESSF																															
Gradient (%): 8.8		Confinement: Confined		Order: 3		Open water: Absent																															
US Elev (m): 1115		Islands: NONE		Riparian Vegetation: Coniferous																																	
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural																																					
SITE																																					
Site #: 204		Field UTM ..		Agency: C172		Crew: JH/RB		Date: 2001/08/05																													
Site Length (m): 340		GIS UTM 9.603105.6170015		Agency Name: Triton Environmental Consultants (Terrace)																																	
CHANNEL																																					
No Vis.Ch.: ☐		Intermittent: ☐		<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>Avg</td> <td>Min</td> <td>Max</td> <td>#</td> </tr> <tr> <td>Channel Width (m): 3.92</td> <td>3.5</td> <td>4.300</td> <td>6</td> </tr> <tr> <td>Wetted Width (m): 3.33</td> <td>3</td> <td>3.8</td> <td>6</td> </tr> <tr> <td>Bankfull Depth (m): 0.83</td> <td>0.8</td> <td>0.9</td> <td>3</td> </tr> </table>		Avg	Min	Max	#	Channel Width (m): 3.92	3.5	4.300	6	Wetted Width (m): 3.33	3	3.8	6	Bankfull Depth (m): 0.83	0.8	0.9	3	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>Avg</td> <td>Min</td> <td>Max</td> <td>#</td> </tr> <tr> <td>Gradient %: 5.50</td> <td>5</td> <td>6</td> <td>2</td> </tr> <tr> <td>Pool Depth (m): 0.68</td> <td>0.400</td> <td>0.9</td> <td>6</td> </tr> </table>		Avg	Min	Max	#	Gradient %: 5.50	5	6	2	Pool Depth (m): 0.68	0.400	0.9	6		
Avg	Min	Max	#																																		
Channel Width (m): 3.92	3.5	4.300	6																																		
Wetted Width (m): 3.33	3	3.8	6																																		
Bankfull Depth (m): 0.83	0.8	0.9	3																																		
Avg	Min	Max	#																																		
Gradient %: 5.50	5	6	2																																		
Pool Depth (m): 0.68	0.400	0.9	6																																		
Dewatered: ☐		Tribes.: ☐																																			
Stage: Low ☐																																					
Med ☒																																					
High ☐		Temp (C): 8		pH: 7.9		Conductivity: 40		Turbidity.: Turbid ☐ Low ☐ Moderate ☐ Clear ☒																													
MORPHOLOGY																																					
Bed Material: Dominant: Boulders		D95 (cm): 80.00		Bars: Non ☐		Side ☒		Diagonal ☐ Mid-channel ☐ Span ☐																													
Subdominant: Cobble		D (cm): 30.00						Braid ☐																													
Channel Pattern: Sinuous		Islands: None		DISTURBANCE INDICATORS																																	
Coupling: Partially Coupled				<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>O1</td><td>B1</td><td>B2</td><td>B3</td><td>D1</td><td>D2</td><td>D3</td> </tr> <tr> <td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td> </tr> </table>						O1	B1	B2	B3	D1	D2	D3	☐	☐	☐	☐	☐	☐	☐														
O1	B1	B2	B3	D1	D2	D3																															
☐	☐	☐	☐	☐	☐	☐																															
Confinement: Frequently Confined				<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>C1</td><td>C2</td><td>C3</td><td>C4</td><td>C5</td><td>S1</td><td>S2</td><td>S3</td><td>S4</td><td>S5</td> </tr> <tr> <td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td> </tr> </table>						C1	C2	C3	C4	C5	S1	S2	S3	S4	S5	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐								
C1	C2	C3	C4	C5	S1	S2	S3	S4	S5																												
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐																												
Morphology: CP Cascade Pool																																					
COVER																																					
Total Cover: Moderate		<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>Type:</td> <td>SWD</td> <td>LWD</td> <td>B</td> <td>U</td> <td>DP</td> <td>OV</td> <td>IV</td> </tr> <tr> <td>Amount:</td> <td>N</td> <td>S</td> <td>T</td> <td>N</td> <td>D</td> <td>N</td> <td>N</td> </tr> </table>								Type:	SWD	LWD	B	U	DP	OV	IV	Amount:	N	S	T	N	D	N	N												
Type:	SWD	LWD	B	U	DP	OV	IV																														
Amount:	N	S	T	N	D	N	N																														
LWD: Few		<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>Location: P/S/O:</td> <td>☐</td> <td>☒</td> <td>☐</td> <td>☒</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> </table>								Location: P/S/O:	☐	☒	☐	☒	☐	☐	☐	☐	☐																		
Location: P/S/O:	☐	☒	☐	☒	☐	☐	☐	☐	☐																												
LWD Dist: Clumped		FSZ: ☐																																			
Right Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☐		Boulder ☐ Rock ☐ Manmade ☐																													
Left Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☐		Boulder ☐ Rock ☐ Manmade ☐																													
Right Bank: Rip.Veg: Mixed C/D		Stage: Mature forest		Crown Closure 21-40%																																	
Left Bank: Rip.Veg:		Stage: Mature forest		Instream Veg: None ☒ Algae ☐ Moss ☐ Vascular ☐																																	
FISH																																					
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)																												
204	EF	1	340	537 sec	600	NFC	0																														

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-093700-00000-00000-0000-0000-000-000-000-000-000

Reach # 5.0 ILP Map # ILP # 204 Site 204

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-0000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 480-093700-00000-00000-0000-0000-000-000-000-000-000
Local Name: None
ILP Map#: ILP #: NID Map #: 093M.064 NID #: 20004 Reach #: 5.0 Site #: 204
Field UTM (Z.E.N): .. Method: Site Lg: 340 Method: MAP Access: H
GIS UTM (Z.E.N): 9.603105.6170015 Ref. Name:
Date: 2001/08/05 Time: 12:15 Agency: C172 Crew: JH/RB Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	T	3.50	4.30	4.00	3.80	3.60	4.30					3.92	Method I:	6.0	5.0	C	5.50
Wetted Width (m):	T	3.00	3.80	3.60	3.10	3.20	3.30					3.33	Method II:			C	
Pool Depth (m):	T	0.80	0.90	0.80	0.70	0.50	0.40					0.68					

Wb Depth: .8 .9 .8 Avg: 0.83 Method: T Stage: L ☐ M ☒ H ☐ No Vis.Ch.: ☐ Intermittent: ☐
Dw: ☐ Tribs.: ☐

COVER Total: M

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	N	S	T	N	D	N	N
Loc: P/S/O:	☐	☒	☒	☐	☒	☐	☐

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: M

STG: MF

RB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Temp: 8 Method: T4 Req #: Cond.: 40 Method: S3
pH: 7.9 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: Rafted debris Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C O1 B1 B2 B3 D1 D2 D3
D95: 80.0 D (cm): 30.00 Morph: CP DISTURBANCE INDICATORS
Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐ Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Low, associated with deep pools
Rearing Habitat	Associated with flows/cover/pools
Spawning Habitat	Associated with flows/cover/substrate

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 21 F: 7	STD	U	Upstream photo of cascade/pool habitat
R: 21 F: 8	STD	D	Downstream photo of cascade/pool habitat

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-093700-00000-00000-0000-000-000-000-000-000-000

Reach #	ILP Map #	ILP #	Site
5.0			204

COMMENTS	
Section	Comments
CHANNEL	NFC

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-093700-00000-00000-0000-0000-000-000-000-000-000-000

Reach # 5.0
ILP Map #
ILP #

WATERBODY														
Gazetted Name:										Local: None				
Project Code: 480-000000-00000-00000-0000-000-000-000-000-000-0														
WS Code: 480-093700-00000-00000-0000-000-000-000-000-000-000														
Waterbody ID:					ILP Map #:					ILP #:		Reach #: 5 -		
Project ID: 1550					Lake/Stream: S					Lake From Date:				
Fish Permit #:		145084K		Date: 2001/08/05		To: 2001/08/05		Agency: C172		Crew: JH/RB		Resample: ☐		
SITE / METHOD														
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment				
204	093M.064	20004				GPU EF 1	8	40	C					
A. GEAR SETTINGS														
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment							
204	EF	1	1	2001/08/05	12:15	2001/08/05	12:55							
C. ELECTROFISHER SPECIFICATIONS														
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model			
204	EF	1	1	O	537	340.0	4.0	600	60	6	SMITH ROOT	12B		
FISH SUMMARY														
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment					
204	EF	1	1	NFC		0								



Site #204, Upstream photo of cascade/pool habitat.
Roll #21, Frame #7, Date: 2001/08/05



Site #204, Downstream photo of cascade/pool habitat.
Roll #21, Frame #8, Date: 2001/08/05

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-160900-00000-00000-0000-000-000-000-000-000-000

Reach # ILP Map # ILP #

4.0

STREAM REFERENCING											
Gazetted Name: LE CLAIR CREEK						Local Name:					
Watershed Code: 480-160900-00000-00000-0000-000-000-000-000-000						ILP Map #:		ILP #:			
REACH											
Reach #: 4.0		UTM(Zone/East/North): 9.608744.6170031				Sample Type: Biased					
Length (km): 1.44		Coupling: Coupled		Magnitude: 32		BGC Zone: SBS					
Gradient (%): 6.2		Confinement: Entrenched		Order: 3		Open water: Absent					
US Elev (m): 1151		Islands: NONE		Riparian Vegetation: Coniferous							
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural											
SITE											
Site #: 205		Field UTM ..		Agency: C172		Crew: JH/EL		Date: 2001/08/05			
Site Length (m): 280		GIS UTM 9.609016.6169845		Agency Name: Triton Environmental Consultants (Terrace)							
CHANNEL											
No Vis.Ch.: ☐		Intermittent: ☐				Avg		Min		Max	
Dewatered: ☐		Tribes.: ☐									
Stage: Low ☐				Channel Width (m):		6.23		5.5		7.1	
Med ☒				Wetted Width (m):		4.88		3.6		5.5	
High ☐				Bankfull Depth (m):		1.60		1.5		1.8	
Temp (C): 6		pH: 7.2		Conductivity: 40							
						Avg		Min		Max	
						Gradient %:		8.50		8	
						Pool Depth (m):		1.00		0.7	
								1.3		6	
						Turbidity: Turbid ☐		Low ☐			
						Moderate ☐		Clear ☒			
MORPHOLOGY											
Bed Material: Dominant: Boulders		D95 (cm): 80.00		Bars: Non ☐		Side ☒		Diagonal ☐		Mid-channel ☐	
Subdominant: Cobble		D (cm): 20.00								Span ☐	
Channel Pattern: Sinuous		Islands: None		DISTURBANCE		O1		B1		B2	
Coupling: Coupled				INDICATORS		☐		☐		☐	
Confinement: Frequently Confined				C1		C2		C3		C4	
Morphology: CP Cascade Pool				☐		☐		☐		☐	
				C5		S1		S2		S3	
				☐		☐		☐		☐	
				S4		S5		☐		☐	
				☐		☐		☐		☐	
COVER											
Total Cover: Moderate		Type: SWD		LWD		B		U		DP	
LWD: Few		Amount: T		S		S		T		D	
LWD Dist: Clumped		Location: P/S/O:		☒		☒		☒		☒	
				☐		☐		☐		☐	
Right Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☐		Cobble ☐		Boulder ☐		Rock ☒	
Left Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☐		Cobble ☐		Boulder ☐		Rock ☒	
Right Bank: Rip.Veg: Mixed C/D		Stage: Mature forest								Manmade ☐	
Left Bank: Rip.Veg:		Stage: Mature forest								Manmade ☐	
				Instream Veg: None ☒		Algae ☐		Moss ☐		Vascular ☐	
FEATURES											
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo			AirPhoto	
093M.064	21001	C	5.0	GE	5	GE	R:	21	F:	11	L:
Comments:											UTM (Z/E/N)
											9.609122.6169
FISH											
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)		
205	EF	1	300	368 sec	600	NFC	0				

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-160900-00000-00000-0000-000-000-000-000-000

Reach # 4.0 ILP Map # ILP # 205 Site # 205

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: LE CLAIR CREEK
Watershed Code: 480-160900-00000-00000-0000-000-000-000-000-000
Local Name: Le Clair Creek
ILP Map#: ILP #: NID Map #: 093M.064 NID #: 20005 Reach #: 4.0 Site #: 205
Field UTM (Z.E.N): .. Method: Site Lg: 280 Method: MAP Access: H
GIS UTM (Z.E.N): 9.609016.6169845 Ref. Name:
Date: 2001/08/05 Time: 13:30 Agency: C172 Crew: JH/EL Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg
Channel Width (m):	T	5.50	6.00	7.10	7.00	5.80	6.00					6.23
Wetted Width (m):	T	4.90	4.80	5.10	5.40	3.60	5.50					4.88
Pool Depth (m):	T	1.30	0.80	0.70	0.90	1.20	1.10					1.00

	Gadient %		Mtd	Avg
Method I:	8.0	9.0	C	8.50
Method II:			C	

Wb Depth: 1.5 1.5 1.8 Avg: 1.60 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	S	S	T	D	T	N
Loc: P/S/O:	☒	☒	☒	☒	☒	☒	☐

LWD: F DIST: C

LB SHP: V

Texture: F ☐ G ☐ C ☐ B ☐ R ☒ A ☐

RIP: M

STG: MF

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

RB SHP: V

Texture: F ☐ G ☐ C ☐ B ☐ R ☒ A ☐

RIP: M

STG: MF

WATER

EMS: Temp: 6 Method: T4 Req #: Cond.: 40 Method: S3
pH: 7.2 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: Rafted debris Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C O1 B1 B2 B3 D1 D2 D3
D95: 80.0 D (cm): 20.00 Morph: CP DISTURBANCE INDICATORS
Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: CO
Confinement: FC
FSZ: ☐ Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

FEATURES

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)	Method
093M.064	21001	C	5.0	GE	5	GE	R: 21 F: 11 L:	#:	9.609122.6169761	GIS

Comments:

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Moderate - associated with deep pools
Rearing Habitat	Moderate - associated with pools cover/flows
Spawning Habitat	Low - limited by angular/large substrate. Associated with small patches of gravel

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-160900-00000-00000-0000-0000-000-000-000-000-000

Reach # 4.0 ILP Map # ILP # Site 205

PHOTOS				
Photo		Foc Lg	Dir	Comments
R:	21	F:	10	STD D Downstream photo within confined section
R:	21	F:	11	STD X Photo of cascade
R:	21	F:	12	STD X Photo of downstream barrier (Reach 2)
R:	21	F:	9	STD U Upstream photo within confined section
COMMENTS				
Section		Comments		
CHANNEL		NFC		
CHANNEL		Several sets of falls were observed during downstream recce - 7 m falls in Reach 3		

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-160900-00000-00000-0000-000-000-000-000-000-000

Reach # 4.0
ILP Map #
ILP #

WATERBODY													
Gazetted Name: LE CLAIR CREEK						Local: Le Clair Creek							
Project Code: 480-000000-00000-00000-0000-000-000-000-000-000-0													
WS Code: 480-160900-00000-00000-0000-000-000-000-000-000-000													
Waterbody ID:						ILP Map #:			ILP #:		Reach #: 4 -		
Project ID: 1550						Lake/Stream: S			Lake From Date:				
Fish Permit #: 145084K			Date: 2001/08/05			To: 2001/08/05			Agency: C172		Crew: JH/RB		Resample: ☐
SITE / METHOD													
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO		Temp	Cond	Turbid	Comment		
205	093M.064	20005				GPU	EF 1	6	40	C			
A. GEAR SETTINGS													
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment						
205	EF 1	1	2001/08/05	13:15	2001/08/05	13:50							
C. ELECTROFISHER SPECIFICATIONS													
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model		
205	EF	1	1	O	368	300.0	4.0	600	60	6	SMITH ROOT	12B	
FISH SUMMARY													
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment				
205	EF	1	1	NFC		0							



Site #205, Upstream photo within confined section.
Roll #21, Frame #9, Date: 2001/08/05



Site #205, Downstream photo within confined section.
Roll #21, Frame #10, Date: 2001/08/05



Site #205, Photo of cascade.
Roll #21, Frame #11, Date: 2001/08/05



Site #205, Photo of downstream barrier (Reach 2).
Roll #21, Frame #12, Date: 2001/08/05

FDIS Reach Card **Shelagyote River Planning Area**

Watershed Code: 480-160900-00000-00000-0000-0000-000-000-000-000-000

Reach # 5.0 ILP Map # ILP #

PROJECT									
Project Name: Shelagyote Inventory					Project Code: 1550				
Stream Name (gaz.): BABINE RIVER									
Project Watershed Code: 480-000000-00000-00000-0000-0000-000-000-000-000-000									
WATERSHED									
Reach Watershed Code: 480-160900-00000-00000-00000-0000-000-000-000-000-000									
ILP Map #:		ILP #:		Reach #: 5.0		NID Map #: 093M.064		NID #: 18321	
Air Photos		Names		UTM(Zone/East/North/Method)					
LINE: 30BCB92093		Gaz.: LE CLAIR CREEK		9.607829.6171084 GIS					
#: 61		Local:				Sample Type: B		Wetland: ☐	
SURVEY INFO									
Date: 2001/07/11			Agency: C172				Crew: JH/JA		
ATTRIBUTES									
Length (km): 1.60		Gradient: 4		Setting: MP		DISTURBANCE INDICATORS			
DS Elev.: 1151		Order: 3		Open water: A		O1 ☐ B1 ☐ B2 ☐ B3 ☐ D1 ☐ D2 ☐ D3 ☐			
US Elev: 1215		Magnitude: 25		Confinement: OC		C1 ☐ C2 ☐ C3 ☐ C4 ☐ C5 ☐ S1 ☐ S2 ☐ S3 ☐ S4 ☐ S5 ☐			
		BGC Zone: ESSF		Coupling: DC					
Valley Flat: N		C/D: ☐		Est. Width:		Islands: N			
Active Floodplain Visible: ☐						Bars: ☒ N ☐ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR			
Channel Pattern: IR						Mass Movement: L Exposed/Eroded: NS			
						Riparian Veg.: C Landuse: NO			

MAPS		
Map Type	Map #	Year
TRIM	093M.064	1995

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-160900-00000-00000-0000-0000-000-000-000-000-000

Reach # 5.0
ILP Map #
ILP #

WATERBODY													
Gazetted Name: LE CLAIR CREEK										Local: Le Clair Creek			
Project Code: 480-000000-00000-00000-0000-0000-000-000-000-000-0													
WS Code: 480-160900-00000-00000-0000-0000-000-000-000-000-000													
Waterbody ID:				ILP Map #:				ILP #:		Reach #:		5 -	
Project ID: 1550				Lake/Stream: S				Lake From Date:					
Fish Permit #:		145084K		Date: 2001/08/05		To: 2001/08/05		Agency: C172		Crew: JH/RB		Resample: ☐	
SITE / METHOD													
Site#	NID Map	NID #	UTM:Zone/East/North/Mhd			MTD/NO	Temp	Cond	Turbid	Comment			
206	093M.064	20006				GPU EF 1	6	40	C				
A. GEAR SETTINGS													
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment						
206	EF 1	1	2001/08/05	14:10	2001/08/05	15:05							
C. ELECTROFISHER SPECIFICATIONS													
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model		
206	EF 1	1	O	640	310.0	6.0	600	60	6	SMITH ROOT	12B		
FISH SUMMARY													
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment				
206	EF 1	1	NFC			0							

FDIS Reach Card

Shelagyote River Planning Area

Watershed Code: 480-160900-43800-00000-0000-0000-000-000-000-000-000

Reach # 2.0
ILP Map #
ILP #

PROJECT									
Project Name: Shelagyote Inventory					Project Code: 1550				
Stream Name (gaz.): BABINE RIVER									
Project Watershed Code: 480-000000-00000-00000-0000-0000-000-000-000-000-000									
WATERSHED									
Reach Watershed Code: 480-160900-43800-00000-0000-0000-000-000-000-000-000-000									
ILP Map #:		ILP #:		Reach #:		2.0		NID Map #: 093M.064	
Air Photos				Names				NID #: 18215	
LINE: 30BCB92093		Gaz.:				UTM(Zone/East/North/Method)		9.611115.6170756	
#: 59		Local:				Sample Type: B		Wetland: ☐	
GIS									
SURVEY INFO									
Date: 2001/07/11			Agency: C172			Crew: JH/JA			
ATTRIBUTES									
Length (km): 1.54		Gradient: 4.22		Setting: VW		DISTURBANCE			
DS Elev.: 1026		Order: 3		Open water: A		INDICATORS			
US Elev: 1091		Magnitude: 32		Confinement: FC		C1 C2 C3 C4 C5 S1 S2 S3 S4 S5			
		BGC Zone: ESSF		Coupling: PC		☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐			
Valley Flat: N		C/D:				Islands: N			
Active Floodplain Visible: ☐		Est. Width:				Bars: ☒ N ☐ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR			
Channel Pattern: IR						Mass Movement: L			
						Exposed/Eroded: NS			
						Riparian Veg.: C			
						Landuse: NO			

MAPS		
Map Type	Map #	Year
TRIM	093M.064	1995

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-160900-43800-00000-0000-0000-000-000-000-000-000

Reach # 2.0
ILP Map #
ILP #

WATERBODY														
Gazetted Name:										Local: None				
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0														
WS Code: 480-160900-43800-00000-0000-000-000-000-000-000														
Waterbody ID:					ILP Map #:					ILP #:		Reach #: 2 -		
Project ID: 1550					Lake/Stream: S					Lake From Date:				
Fish Permit #:		145084K		Date: 2001/08/05		To: 2001/08/05		Agency: C172		Crew: JH/RB		Resample: ☐		
SITE / METHOD														
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment				
207	093M.064	20007				GPU EF 1	6	40	C					
A. GEAR SETTINGS														
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment							
207	EF	1	1	2001/08/05	15:30	2001/08/05	16:20							
C. ELECTROFISHER SPECIFICATIONS														
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model			
207	EF	1	1	O	710	400.0	8.0	600	60	6	SMITH ROOT	12B		
FISH SUMMARY														
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment					
207	EF	1	1	NFC		0								

FDIS Reach/Site Summary

Shelagyote River Planning Area

Reach # ILP Map # ILP #

Watershed Code: 480-195700-29500-00000-0000-000-000-000-000-000

5.0

STREAM REFERENCING									
Gazetted Name:					Local Name:				
Watershed Code: 480-195700-29500-00000-0000-000-000-000-000-000					ILP Map #:		ILP #:		
REACH									
Reach #: 5.0		UTM(Zone/East/North): 9.605158.6176943				Sample Type: Biased			
Length (km): .96		Coupling: Coupled		Magnitude: 41		BGC Zone: ESSF			
Gradient (%): 6.5		Confinement: Frequently Confin		Order: 4		Open water: Absent			
US Elev (m): 1133		Islands: NONE		Riparian Vegetation: Coniferous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 208		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/06	
Site Length (m): 382		GIS UTM 9.605833.6177023		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max	
Dewatered: ☐		Tribes.: ☐		Channel Width (m): 7.65		6.900		8.600	
Stage: Low ☐				Wetted Width (m): 5.50		4.2		6.300	
Med ☒				Bankfull Depth (m): 0.90		0.8		1	
High ☐									
Temp (C): 6		pH: 7.9		Conductivity: 30		Turbidity: Turbid ☐		Low ☐	
						Moderate ☐		Clear ☒	
MORPHOLOGY									
Bed Material: Dominant: Boulders		D95 (cm): 80.00		Bars: Non ☐		Side ☒		Diagonal ☐	
Subdominant: Cobble		D (cm): 30.00						Mid-channel ☐	
Channel Pattern: Irregular, Wandering		Islands: None		DISTURBANCE		O1		B1	
Coupling: Partially Coupled				INDICATORS		B2		B3	
Confinement: Frequently Confined				C1		C2		C3	
Morphology: CP Cascade Pool				C4		C5		S1	
				S2		S3		S4	
				S5					
COVER									
Total Cover: Moderate		Type: SWD		LWD		B		U	
LWD: Few		Amount: N		T		D		N	
LWD Dist: Clumped		Location: P/S/O:		☐		☒		☐	
				☐		☐		☐	
Right Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☒		Boulder ☐	
Left Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☒		Boulder ☐	
Right Bank: Rip.Veg: Shrubs		Stage: Shrub/herb stage		Instream Veg: None ☒		Algae ☐		Moss ☐	
Left Bank: Rip.Veg:		Stage: Pole-sapling stage						Vascular ☐	
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
208	EF	1	380	690 sec	600	NFC	0		

FDIS Site Card

Shelagoyote River Planning Area

Watershed Code: 480-195700-29500-00000-00000-00000-00000-00000-00000-00000

Reach # 5.0 ILP Map # ILP # Site 208

PROJECT

Project Name: Shelagoyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-00000-00000-00000-00000-00000-00000
Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 480-195700-29500-00000-00000-00000-00000-00000-00000-00000
Local Name: None
ILP Map#: ILP #: NID Map #: 093M.074 NID #: 20008 Reach #: 5.0 Site #: 208
Field UTM (Z.E.N): .. Method: Site Lg: 382 Method: MAP Access: H
GIS UTM (Z.E.N): 9.605833.6177023 Ref. Name:
Date: 2001/08/06 Time: 09:15 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	T	8.60	8.30	8.00	6.90	7.10	7.00					7.65	Method I:	8.0	7.0	C	5.75
Wetted Width (m):	T	5.30	6.00	5.10	4.20	6.30	6.10					5.50	Method II:	4.0	4.0	C	
Pool Depth (m):	T	0.60	0.50	0.40	0.90	0.80	0.50					0.62					

Wb Depth: 1.0 .8 .9 Avg: 0.90 Method: T 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:	☐	☒	☒	☐	☒	☐	☐

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

LWD: F DIST: C

LB SHP: V

Texture: F ☐ G ☒ C ☒ B ☐ R ☐ A ☐

RIP: S

STG: PS

RB SHP: V

Texture: F ☐ G ☒ C ☒ B ☐ R ☐ A ☐

RIP: S

STG: SHR

WATER

EMS: Temp: 6 Method: T4 Req #: Cond.: 30 Method: S3
pH: 7.9 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: Rafted debris Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C O1 B1 B2 B3 D1 D2 D3
D95: 80.0 D (cm): 30.00 Morph: CP DISTURBANCE INDICATORS
Pattern: IR C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐ Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Low - limited by shallow pools - perennial flows questionable.
Rearing Habitat	Moderate - associated with pools and good cover/resting for smaller <100mm species.
Spawning Habitat	Low - large substrate and cascade habitat limit spawning potential

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 21 F: 13	STD	U	Upstream photo of cascade/pool habitat
R: 21 F: 14	STD	D	Downstream photo of cascade/pool habitat with functioning D95

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-29500-00000-0000-0000-000-000-000-000-000

Reach #

ILP Map #

ILP #

Site

5.0

208

COMMENTS

Section	Comments
CHANNEL	NFC

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-29500-00000-0000-0000-000-000-000-000-000

Reach # 5.0 ILP Map # ILP #

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0															
WS Code: 480-195700-29500-00000-0000-000-000-000-000-000															
Waterbody ID:										ILP Map #:		ILP #:		Reach #: 5 -	
Project ID: 1550										Lake/Stream: S		Lake From Date:			
Fish Permit #:		145084K		Date: 2001/08/06		To: 2001/08/06		Agency: C172		Crew: JH/JA		Resample: ☐			
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment					
208	093M.074	20008				GPU EF 1	6	30	C						
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
208	EF 1	1	2001/08/06	09:00	2001/08/06	09:35									
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
208	EF 1	1	O	690	380.0	7.0	600	I	3	SMITH ROOT	12B				
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment						
208	EF 1	1	NFC			0									



Site #208, Upstream photo of cascade/pool habitat.
Roll #21, Frame #13, Date: 2001/08/06



Site #208, Downstream photo of cascade/pool habitat with functioning D95.
Roll #21, Frame #14, Date: 2001/08/06

Shelagyote River Planning Area

Reach #	ILP Map #	ILP #
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Reach #	ILP Map #	ILP #
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STREAM REFERENCING																																							
Gazetted Name:				Local Name:																																			
Watershed Code: 480-195700-29500-53200-0000-0000-000-000-000-000-000				ILP Map #:				ILP #:																															
REACH																																							
Reach #: 1.0		UTM(Zone/East/North): 9.605666.6177303				Sample Type: Random																																	
Length (km): .32		Coupling: Partially Couple		Magnitude: 8		BGC Zone: ESSF																																	
Gradient (%): 12.5		Confinement: Occasionally Conf		Order: 3		Open water: Absent																																	
US Elev (m): 1106		Islands: NONE		Riparian Vegetation: Coniferous																																			
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural																																							
SITE																																							
Site #: 209		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/06																															
Site Length (m): 210		GIS UTM 9.605738.6177097		Agency Name: Triton Environmental Consultants (Terrace)																																			
CHANNEL																																							
No Vis.Ch.: ☐		Intermittent: ☐		<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <th>Avg</th> <th>Min</th> <th>Max</th> <th>#</th> </tr> <tr> <td>Channel Width (m): 4.18</td> <td>3.400</td> <td>5.1</td> <td>6</td> </tr> <tr> <td>Wetted Width (m): 3.28</td> <td>2.6</td> <td>4</td> <td>6</td> </tr> <tr> <td>Bankfull Depth (m): 0.67</td> <td>0.6</td> <td>0.8</td> <td>3</td> </tr> </table>				Avg	Min	Max	#	Channel Width (m): 4.18	3.400	5.1	6	Wetted Width (m): 3.28	2.6	4	6	Bankfull Depth (m): 0.67	0.6	0.8	3	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <th>Avg</th> <th>Min</th> <th>Max</th> <th>#</th> </tr> <tr> <td>Gradient %: 9.00</td> <td>8</td> <td>10</td> <td>2</td> </tr> <tr> <td>Pool Depth (m): 0.63</td> <td>0.5</td> <td>0.800</td> <td>6</td> </tr> </table>				Avg	Min	Max	#	Gradient %: 9.00	8	10	2	Pool Depth (m): 0.63	0.5	0.800	6
Avg	Min	Max	#																																				
Channel Width (m): 4.18	3.400	5.1	6																																				
Wetted Width (m): 3.28	2.6	4	6																																				
Bankfull Depth (m): 0.67	0.6	0.8	3																																				
Avg	Min	Max	#																																				
Gradient %: 9.00	8	10	2																																				
Pool Depth (m): 0.63	0.5	0.800	6																																				
Dewatered: ☐		Tribes.: ☐																																					
Stage: Low ☐								Turbidity.: Turbid ☐ Low ☐																															
Med ☒								Moderate ☐ Clear ☒																															
High ☐		Temp (C): 6		pH: 7.7		Conductivity: 30																																	
MORPHOLOGY																																							
Bed Material: Dominant: Boulders		D95 (cm): 70.00		Bars: Non ☐		Side ☒		Diagonal ☐		Mid-channel ☐ Span ☐																													
Subdominant: Cobble		D (cm): 30.00								Braid ☐																													
Channel Pattern: Sinuous		Islands: None		DISTURBANCE		O1		B1		B2																													
Coupling: Partially Coupled				INDICATORS		☐		☐		☐																													
Confinement: Frequently Confined						C1		C2		C3																													
Morphology: CP Cascade Pool						☐		☐		☐																													
						C4		C5		S1																													
						☐		☐		☐																													
						S2		S3		S4																													
						☐		☐		☐																													
						S5																																	
						☐																																	
COVER																																							
Total Cover: Moderate		Type:		SWD		LWD		B		U																													
LWD: Few		Amount:		N		S		T		N																													
LWD Dist: Clumped		Location: P/S/O:		☐		☒		☒		☐																													
				☐		☐		☐		☐																													
Right Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☐		Boulder ☐		Rock ☐ Manmade ☐																													
Left Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☐		Boulder ☐		Rock ☐ Manmade ☐																													
Right Bank: Rip.Veg: Mixed C/D		Stage: Mature forest								Crown Closure 1-20%																													
Left Bank: Rip.Veg:		Stage: Mature forest								Instream Veg: None ☒ Algae ☐ Moss ☐ Vascular ☐																													
FISH																																							
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)																														
209	EF	1	200	450 sec	600	NFC	0																																

FDIS Site Card

Shelagyte River Planning Area

Watershed Code: 480-195700-29500-53200-0000-0000-000-000-000-000-000

Reach # 1.0 ILP Map # ILP # Site 209

PROJECT

Project Name: Shelagyte Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: Local Name: None
Watershed Code: 480-195700-29500-53200-0000-000-000-000-000-000-000
ILP Map#: ILP #: NID Map #: 093M.074 NID #: 20009 Reach #: 1.0 Site #: 209
Field UTM (Z.E.N): ... Method: Site Lg: 210 Method: MAP Access: H
GIS UTM (Z.E.N): 9.605738.6177097 Ref. Name:
Date: 2001/08/06 Time: 09:45 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg	
Channel Width (m):	T	4.50	5.10	4.20	3.60	3.40	4.30					4.18	Method I:	10.0	8.0	C	9.00
Wetted Width (m):	T	3.60	3.80	2.60	2.90	2.80	4.00					3.28	Method II:			C	
Pool Depth (m):	T	0.50	0.60	0.80	0.60	0.60	0.70					0.63					

Wb Depth: .6 .6 .8 Avg: 0.67 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	S	T	N	D	N	N
Loc: P/S/O:	☐	☒	☒	☐	☒	☐	☐

LWD: F DIST: C

LB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

RB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Temp: 6 Method: T4 Req #: Cond.: 30 Method: S3
pH: 7.7 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: Rafted debris Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C O1 B1 B2 B3 D1 D2 D3
D95: 70.0 D (cm): 30.0 Morph: CP DISTURBANCE INDICATORS
Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐ Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Low - associated with plunge pools - perennial flows questionable
Rearing Habitat	Low - associated with plunge pools
Spawning Habitat	Low - limited by larger substrate size/resting - associated with small gravel patches

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 21 F: 15	STD	U	Upstream photo of boulder field
R: 21 F: 16	STD	D	Downstream photo of cascade/pool section

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-29500-53200-0000-0000-000-000-000-000-000

Reach #	ILP Map #	ILP #	Site
1.0			209

COMMENTS	
Section	Comments
CHANNEL	NFC

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-29500-53200-0000-0000-000-000-000-000-000

Reach # 1.0
ILP Map #
ILP #

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0															
WS Code: 480-195700-29500-53200-0000-0000-000-000-000-000															
Waterbody ID:										ILP Map #:		ILP #:		Reach #: 1 -	
Project ID: 1550										Lake/Stream: S		Lake From Date:			
Fish Permit #:		145084K		Date: 2001/08/06		To: 2001/08/06		Agency: C172		Crew: JH/JA		Resample: ☐			
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment					
209	093M.074	20009				GPU EF 1	6	30	C						
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
209	EF	1	2001/08/06	09:35	2001/08/06	10:00									
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
209	EF	1	1	O	450	200.0	4.0	600	60	6	SMITH ROOT	12B			
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment						
209	EF	1	1	NFC		0									



Site #209, Upstream photo of boulder field.
Roll #21, Frame #15, Date: 2001/08/06



Site #209, Downstream photo of cascade/pool section.
Roll #21, Frame #16, Date: 2001/08/06

FDIS Reach/Site Summary

Shelagyte River Planning Area

Watershed Code: 480-195700-29500-59900-0000-0000-000-000-000-000-000

Reach # ILP Map # ILP #

1.0

STREAM REFERENCING									
Gazetted Name:					Local Name:				
Watershed Code: 480-195700-29500-59900-0000-0000-000-000-000-000-000					ILP Map #:		ILP #:		
REACH									
Reach #: 1.0		UTM(Zone/East/North): 9.604862.6177255				Sample Type: Biased			
Length (km): .42		Coupling: Coupled		Magnitude: 11		BGC Zone: ESSF			
Gradient (%): 15.9		Confinement: Frequently Confin		Order: 3		Open water: Absent			
US Elev (m): 1178		Islands: NONE		Riparian Vegetation: Coniferous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 210		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/06	
Site Length (m): 360		GIS UTM 9.605124.6177007		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max	
Dewatered: ☐		Tribes.: ☐		Channel Width (m): 5.97		5.2		6.800	
Stage: Low ☐				Wetted Width (m): 5.10		4.2		6	
Med ☒				Bankfull Depth (m): 0.83		0.7		1	
High ☐									
Temp (C): 6		pH: 7.5		Conductivity: 40		Turbidity: Turbid ☐		Low ☐	
						Moderate ☐		Clear ☒	
MORPHOLOGY									
Bed Material: Dominant: Boulders		D95 (cm): 80.00		Bars: Non ☐		Side ☒		Diagonal ☐	
Subdominant: Cobble		D (cm): 30.00						Mid-channel ☐	
Channel Pattern: Irregular, Wandering		Islands: None		DISTURBANCE INDICATORS		O1		B1	
Coupling: Partially Coupled						B2		B3	
Confinement: Frequently Confined						D1		D2	
Morphology: CP Cascade Pool						D3			
				C1		C2		C3	
				C4		C5		S1	
				S2		S3		S4	
				S5					
COVER									
Total Cover: Moderate		Type: SWD		LWD		B		U	
LWD: Few		Amount: N		S		T		N	
LWD Dist: Clumped		Location: P/S/O:		☐		☒		☐	
				☐		☒		☐	
Right Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☐		Boulder ☐	
Left Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☐		Boulder ☐	
Right Bank: Rip.Veg: Mixed C/D		Stage: Mature forest							
Left Bank: Rip.Veg:		Stage: Mature forest		Instream Veg: None ☒		Algae ☐		Moss ☐	
						Vascular ☐			
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
210	EF	1	360	495 sec	600	NFC	0		

FDIS Site Card

Shelagyte River Planning Area

Watershed Code: 480-195700-29500-59900-0000-0000-000-000-000-000-000

Reach # 1.0 ILP Map # ILP # Site 210

PROJECT

Project Name: Shelagyte Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-0000-000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: Local Name: None
Watershed Code: 480-195700-29500-59900-0000-0000-000-000-000-000-000-000
ILP Map#: ILP #: NID Map #: 093M.074 NID #: 20010 Reach #: 1.0 Site #: 210
Field UTM (Z.E.N): .. Method: Site Lg: 360 Method: MAP Access: H
GIS UTM (Z.E.N): 9.605124.6177007 Ref. Name:
Date: 2001/08/06 Time: 10:10 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	T	6.10	5.30	6.40	6.00	5.20	6.80					5.97	Method I:	7.0	10.0	C	8.33
Wetted Width (m):	T	5.90	5.00	6.00	4.80	4.20	4.70					5.10	Method II:	8.0		C	
Pool Depth (m):	T	0.80	0.70	0.80	0.60	0.50	0.80					0.70					

Wb Depth: 1.0 .8 .7 Avg: 0.83 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	S	T	N	D	N	N
Loc: P/S/O:	☐	☒	☒	☐	☒	☐	☐

LWD: F DIST: C

LB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

RB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Req #: Temp: 6 Method: T4 Cond.: 40 Method: S3
pH: 7.5 Method: P2
Flood Signs: Rafted debris Method: GE
Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C O1 B1 B2 B3 D1 D2 D3
D95: 80.0 D (cm): 30.00 Morph: CP DISTURBANCE INDICATORS
Pattern: IR C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐ Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Low - associated with plunge pools
Rearing Habitat	Moderate - associated with pools and cover
Spawning Habitat	Low - associated with small patches of gravel - limited b large substrate size

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 21 F: 17	STD	U	Upstream photo of cascade pool section
R: 21 F: 18	STD	D	Downstream photo of cascade pool section

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-29500-59900-0000-0000-000-000-000-000-000

Reach #

ILP Map #

ILP #

Site

1.0

210

COMMENTS	
Section	Comments
CHANNEL	NFC

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-29500-59900-0000-0000-000-000-000-000-000

Reach # 1.0
ILP Map #
ILP #

WATERBODY													
Gazetted Name:										Local: None			
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0													
WS Code: 480-195700-29500-59900-0000-0000-000-000-000-000-000													
Waterbody ID:				ILP Map #:				ILP #:		Reach #: 1 -			
Project ID: 1550				Lake/Stream: S				Lake From Date:					
Fish Permit #:		145084K		Date: 2001/08/06		To: 2001/08/06		Agency: C172		Crew: JH/JA		Resample: ☐	
SITE / METHOD													
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment			
210	093M.074	20010				GPU EF 1	6	40	C				
A. GEAR SETTINGS													
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment						
210	EF	1	1	2001/08/06	10:05	2001/08/06	10:35						
C. ELECTROFISHER SPECIFICATIONS													
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model		
210	EF	1	1	O	495	360.0	6.0	600	60	6	SMITH	12B	
										ROOT			
FISH SUMMARY													
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment				
210	EF	1	1	NFC		0							



Site #210, Upstream photo of cascade pool section.
Roll #21, Frame #17, Date: 2001/08/06



Site #210, Downstream photo of cascade pool section.
Roll #21, Frame #18, Date: 2001/08/06

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-36100-00000-00000-00000-00000-00000-000

Reach # ILP Map # ILP #

6.0

STREAM REFERENCING									
Gazetted Name: CAYUSE JACK CREEK					Local Name:				
Watershed Code: 480-195700-36100-00000-00000-00000-00000-00000-000					ILP Map #:		ILP #:		
REACH									
Reach #: 6.0		UTM(Zone/East/North): 9.603005.6181303				Sample Type: Biased			
Length (km): .85		Coupling: Coupled		Magnitude: 25		BGC Zone: SBS			
Gradient (%): 6.9		Confinement: Frequently Confin		Order: 3		Open water: Absent			
US Elev (m): 1123		Islands: NONE		Riparian Vegetation: Coniferous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 211		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/06	
Site Length (m): 375		GIS UTM 9.603182.6181272		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max	
Dewatered: ☐		Tribes.: ☐		Channel Width (m): 9.43		6.800		11.4	
Stage: Low ☐				Wetted Width (m): 8.75		6.800		10.2	
Med ☐				Bankfull Depth (m): 1.13		1		1.2	
High ☒		Temp (C): 7		pH: 7.5		Conductivity: 30		Turbidity: Turbid ☐ Low ☐	
								Moderate ☐ Clear ☒	
MORPHOLOGY									
Bed Material: Dominant: Boulders		D95 (cm): 120.00		Bars: Non ☐		Side ☒		Diagonal ☐ Mid-channel ☐ Span ☐	
Subdominant: Cobble		D (cm): 40.00						Braid ☐	
Channel Pattern: Irregular, Wandering		Islands: None		DISTURBANCE INDICATORS		O1		B1 B2 B3 D1 D2 D3	
Coupling: Partially Coupled									
Confinement: Frequently Confined				C1 C2 C3 C4 C5 S1 S2 S3 S4 S5					
Morphology: CP Cascade Pool									
COVER									
Total Cover: Moderate		Type: SWD		LWD		B		U	
LWD: Few		Amount: N		T		D		N	
LWD Dist: Clumped		Location: P/S/O:		☐		☒		☒	
				☐		☐		☐	
Right Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☒		Boulder ☐ Rock ☐ Manmade ☐	
Left Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☒		Boulder ☐ Rock ☐ Manmade ☐	
Right Bank: Rip.Veg: Shrubs		Stage: Shrub/herb stage						Crown Closure 1-20%	
Left Bank: Rip.Veg:		Stage: Shrub/herb stage		Instream Veg: None ☒		Algae ☐		Moss ☐ Vascular ☐	
FEATURES									
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo		AirPhoto
093M.074	21002	F	40.0	GE	8	GE	R: 21	F: 19	L: #:
Comments: Falls			UTM (Z/E/N) 9.602992.6181						
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
211	EF	1	375	426 sec	900	DV	8	65	110

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-36100-00000-00000-00000-00000-00000-00000

Reach # 6.0 ILP Map # ILP # Site 211

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-00000-00000-00000-00000-00000-00000
Project Code: 1550

WATERSHED

Gazetted Name: CAYUSE JACK CREEK
Local Name: Cayuse Jack Creek
Watershed Code: 480-195700-36100-00000-00000-00000-00000-00000-00000-00000
ILP Map #: ILP #: NID Map #: 093M.074 NID #: 20011 Reach #: 6.0 Site #: 211
Field UTM (Z.E.N): ... Method: Site Lg: 375 Method: MAP Access: H
GIS UTM (Z.E.N): 9.603182.6181272 Ref. Name:
Date: 2001/08/06 Time: 11:10 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	T	10.60	9.50	9.30	9.00	6.80	11.40					9.43	Method I:	6.0	7.0	C	6.50
Wetted Width (m):	T	8.90	9.20	8.40	9.00	6.80	10.20					8.75	Method II:			C	
Pool Depth (m):	T	1.00	1.10	1.30	0.80	0.90	1.00					1.02					

Wb Depth: 1.2 1.2 1.0 Avg: 1.13 Method: T 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:	☐	☒	☒	☐	☒	☐	☐

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

LWD: F DIST: C

LB SHP: V

Texture: F ☐ G ☒ C ☒ B ☐ R ☐ A ☐

RIP: S

STG: SHR

RB SHP: V

Texture: F ☐ G ☒ C ☒ B ☐ R ☐ A ☐

RIP: S

STG: SHR

WATER

EMS: Temp: 7 Method: T4 Req #: Cond.: 30 Method: S3
pH: 7.5 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: Rafted debris Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C O1 B1 B2 B3 D1 D2 D3
D95: 120.0 D (cm): 40.0 Morph: CP DISTURBANCE INDICATORS
Pattern: IR C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐ Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

FEATURES

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)	Method
093M.074	21002	F	40.0	GE	8	GE	R: 21 F: 19 L:	#:	9.602992.6181310	GIS
Comments: Falls										

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Low - associated with plunge pools and perennial flows- limited by water velocities
Rearing Habitat	Low - associated with plunge pools and small pockets - limited by water velocities
Spawning Habitat	Low - limited by morphology/velocity and substrate size

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-36100-00000-0000-0000-000-000-000-000-000

Reach # 6.0 ILP Map # ILP # Site 211

PHOTOS						
Photo				Foc Lg	Dir	Comments
R:	21	F:	19	STD	U	Upstream photo toward falls
R:	21	F:	20	STD	U	Upstream photo of cascade/pool habitat downstream of falls
R:	21	F:	21	STD	D	Downstream photo of cascade/pool habitat

COMMENTS	
Section	Comments
CHANNEL	DV captured

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-36100-00000-0000-0000-000-000-000-000-000

Reach # 6.0
ILP Map #
ILP #

WATERBODY

Gazetted Name: CAYUSE JACK CREEK

Local: Cayuse Jack Creek

Project Code: 480-000000-00000-00000-0000-000-000-000-000-0

WS Code: 480-195700-36100-00000-0000-0000-000-000-000-000

Waterbody ID:

ILP Map #:

ILP #:

Reach #: 6 -

Project ID: 1550

Lake/Stream: S

Lake From Date:

Fish Permit #: 145084K

Date: 2001/08/06

To: 2001/08/06

Agency: C172

Crew: JH/JA

Resample: ☐

SITE / METHOD

Site#	NID Map	NID #	UTM:Zone/East/North/Mthd	MTD/NO	Temp	Cond	Turbid	Comment
211	093M.074	20011		GPU EF 1	7	30	C	

A. GEAR SETTINGS

Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment
211	EF 1	1	2001/08/06	11:10	2001/08/06	11:25	

C. ELECTROFISHER SPECIFICATIONS

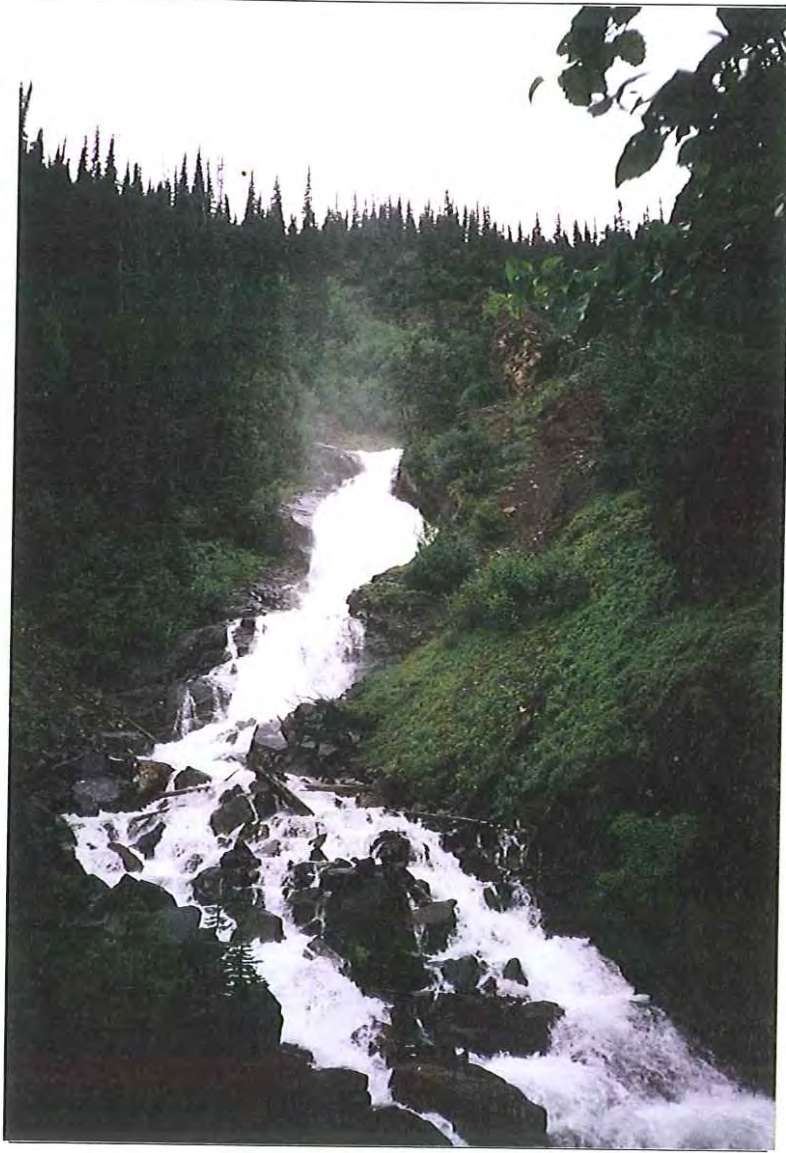
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model
211	EF	1	1	O	426	375.0	8.0	900	60	6	SMITH ROOT 128

FISH SUMMARY

Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment
211	EF	1	1	DV	J	8	65 110	R	

INDIVIDUAL FISH DATA

Site#	MTD/NO	H/P	Species	Length	Weight	Sex	Mat	Age	Vch#	Genetic	Roll #	Frame#	Comment
								Str/Smpl#		Str/Smpl#			
211	EF	1	1	DV	70		U	U					
211	EF	1	1	DV	65		U	U					
211	EF	1	1	DV	85		U	U					
211	EF	1	1	DV	100		U	U					
211	EF	1	1	DV	80		U	U					
211	EF	1	1	DV	110		U	U					
211	EF	1	1	DV	90		U	U					
211	EF	1	1	DV	100		U	U					



Site #211, Upstream photo toward falls.
Roll #21, Frame #19, Date: 2001/08/06



Site #211, Upstream photo of cascade/pool habitat downstream of falls.
Roll #21, Frame #20, Date: 2001/08/06



Site #211, Downstream photo of cascade/pool habitat.
Roll #21, Frame #21, Date: 2001/08/06

FDIS Reach Card

Shelagyote River Planning Area

Watershed Code: 480-195700-36100-00000-0000-0000-000-000-000-000-000

Reach # 11.0
ILP Map #
ILP #

PROJECT									
Project Name: Shelagyote Inventory					Project Code: 1550				
Stream Name (gaz.): BABINE RIVER									
Project Watershed Code: 480-000000-00000-00000-0000-0000-000-000-000-000-000									
WATERSHED									
Reach Watershed Code: 480-195700-36100-00000-0000-0000-000-000-000-000-000-000									
ILP Map #:	ILP #:	Reach #:	11.0	NID Map #:	093M.074	NID #:	15541		
Air Photos		Names		UTM(Zone/East/North/Method)					
LINE: 30BCB92119		Gaz.: CAYUSE JACK CREEK		9.600793.6181123 GIS					
#: 130		Local:		Sample Type: B Welland: ☐					
SURVEY INFO									
Date: 2001/07/11			Agency: C172			Crew: JH/JA			
ATTRIBUTES									
Length (km): .63	Gradient: 11.59	Setting: VW	DISTURBANCE INDICATORS						
DS Elev.: 1345	Order: 3	Open water: A	O1	B1	B2	B3	D1	D2	D3
US Elev: 1418	Magnitude: 12	Confinement: CO	C1	C2	C3	C4	C5	S1	S2
	BGC Zone: AT	Coupling: CO						S3	S4
Valley Flat: N	C/D:								
Active Floodplain Visible: ☐	Est. Width:	Bars: ☒ N ☐ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR							
Channel Pattern: SI		Mass Movement: M	Exposed/Eroded: NS						
		Riparian Veg.: S	Landuse: NO						

MAPS		
Map Type	Map #	Year
TRIM	093M.074	1995

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-36100-00000-0000-0000-000-000-000-000-000

Reach # 11.0
ILP Map #
ILP #

WATERBODY													
Gazetted Name: CAYUSE JACK CREEK										Local: Cayuse Jack Creek			
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0													
WS Code: 480-195700-36100-00000-0000-0000-000-000-000-000-000													
Waterbody ID:				ILP Map #:				ILP #:		Reach #: 11 -			
Project ID: 1550				Lake/Stream: S				Lake From Date:					
Fish Permit #: 145084K				Date: 2001/08/06		To: 2001/08/06		Agency: C172		Crew: JH/JA		Resample: ☐	
SITE / METHOD													
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment			
212	093M.074	20012				GPU EF 1	6	30	C				
A. GEAR SETTINGS													
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment						
212	EF	1	2001/08/06	11:45	2001/08/06	12:30							
C. ELECTROFISHER SPECIFICATIONS													
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model		
212	EF	1	1	O	638	240.0	5.0	600	60	6	SMITH ROOT	12B	
FISH SUMMARY													
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment				
212	EF	1	1	NFC		0							

Shelagyote River Planning Area

Reach #	ILP Map #	ILP #
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Reach #	ILP Map #	ILP #
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STREAM REFERENCING											
Gazetted Name:						Local Name:					
Watershed Code: 480-195700-48200-22800-0000-0000-000-000-000-000-000						ILP Map #:		ILP #:			
REACH											
Reach #: 2.0	UTM(Zone/East/North): 9.603439.6183594					Sample Type: Biased					
Length (km): 1.71	Coupling: Coupled					Magnitude: 10			BGC Zone: SBS		
Gradient (%): 16.0	Confinement: Confined					Order: 3			Open water: Absent		
US Elev (m): 1192	Islands: NONE					Riparian Vegetation: Coniferous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural											
SITE											
Site #: 213		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/06			
Site Length (m): 406		GIS UTM 9.604309.6184537		Agency Name: Triton Environmental Consultants (Terrace)							
CHANNEL											
No Vis.Ch.: ☐	Intermittent: ☐	Avg	Min	Max	#	Avg	Min	Max	#		
Dewatered: ☐	Tribs.: ☐	Channel Width (m):	4.67	3.900	5.6	6	Gradient %:	13.67	14	15	3
Stage: Low ☐		Wetted Width (m):	4.57	3.900	5.6	6	Pool Depth (m):	0.55	0.400	0.7	6
Med ☒		Bankfull Depth (m):	0.40	0.3	0.5	3	Turbidity: Turbid ☐ Low ☐ Moderate ☐ Clear ☒				
High ☐		Temp (C): 5	pH: 7.5	Conductivity: 40							
MORPHOLOGY											
Bed Material: Dominant: Boulders		D95 (cm): 90.00		Bars: Non ☐		Side ☒		Diagonal ☐		Mid-channel ☐ Span ☐	
Subdominant: Cobble		D (cm): 40.00		Braid ☐							
Channel Pattern: Sinuous		Islands: None		DISTURBANCE INDICATORS							
Coupling: Partially Coupled		O1	B1	B2	B3	D1	D2	D3			
Confinement: Frequently Confined		☐	☐	☐	☐	☐	☐	☐			
Morphology: CP Cascade Pool		C1	C2	C3	C4	C5	S1	S2	S3	S4	S5
		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
COVER											
Total Cover: Moderate		Type:	SWD	LWD	B	U	DP	OV	IV		
LWD: Few		Amount:	N	T	D	T	S	T	N		
LWD Dist: Clumped		Location: P/S/O:	☐	☒	☒	☒	☒	☒	☐	FSZ: ☐	
Right Bank:	Shape: V - shape	Texture: Fines ☐	Gravel ☒	Cobble ☐	Boulder ☐	Rock ☐	Manmade ☐	Crown Closure			
Left Bank:	Shape: V - shape	Texture: Fines ☐	Gravel ☒	Cobble ☐	Boulder ☐	Rock ☐	Manmade ☐	1-20%			
Right Bank:	Rip.Veg: Mixed C/D	Stage: Mature forest									
Left Bank:	Rip.Veg:	Stage: Mature forest					Instream Veg: None ☒	Algae ☐	Moss ☐	Vascular ☐	
FISH											
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)		
213	EF	1	500	962 sec	600	NFC	0				

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-48200-22800-0000-0000-000-000-000-000-000

Reach # 2.0 ILP Map # ILP # Site 213

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 480-195700-48200-22800-0000-0000-000-000-000-000-000
Local Name: None
ILP Map #: ILP #: NID Map #: 093M.074 NID #: 20013 Reach #: 2.0 Site #: 213
Field UTM (Z.E.N): .. Method: Site Lg: 406 Method: MAP Access: H
GIS UTM (Z.E.N): 9.604309.6184537 Ref. Name:
Date: 2001/08/06 Time: 12:45 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T	4.50	4.90	3.90	4.10	5.60	5.00					4.67	Method I:	15.0	14.0	C 13.67
Wetted Width (m):	T	4.30	4.70	3.90	3.90	5.60	5.00					4.57	Method II:	12.0		C
Pool Depth (m):	T	0.60	0.70	0.60	0.40	0.50	0.50					0.55				

Wb Depth: .5 .4 .3 Avg: 0.40 Method: T 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	T	S	T	N
Loc: P/S/O:	☐	☒	☒	☒	☒	☒	☐

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

LWD: F DIST: C

LB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

RB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Temp: 5 Method: T4 Req #: Cond.: 40 Method: S3
pH: 7.5 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: Rafted debris Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C O1 B1 B2 B3 D1 D2 D3
D95: 90.0 D (cm): 40.00 Morph: CP DISTURBANCE INDICATORS
Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐ Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Low - associated with plunge pools
Rearing Habitat	Low - associated with cascade/pool habtiat limited by velocities/gradients
Spawning Habitat	Low - limited by gradien s/velocitie/substrates (too large)
COMMENTS	
Section	Comments
CHANNEL	NFC - 20% gradeint section within site (22%, 23%, 25% / 40-50m)
SITE CARD	no photos taken

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-48200-22800-0000-0000-000-000-000-000-000

Reach # 2.0
ILP Map #
ILP #

WATERBODY													
Gazetted Name:						Local: None							
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0													
WS Code: 480-195700-48200-22800-0000-0000-000-000-000-000-000													
Waterbody ID:						ILP Map #:		ILP #:		Reach #: 2 -			
Project ID: 1550						Lake/Stream: S		Lake From Date:					
Fish Permit #:		145084K		Date: 2001/08/06		To: 2001/08/06		Agency: C172		Crew: JH/JA		Resample: ☐	
SITE / METHOD													
Site#	NID Map	NID #	UTM:Zone/East/North/Mhd			MTD/NO	Temp	Cond	Turbid	Comment			
213	093M.074	20013				GPU EF 1	5	40	C				
A. GEAR SETTINGS													
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment						
213	EF	1	1	2001/08/06	12:45	2001/08/06	13:50						
C. ELECTROFISHER SPECIFICATIONS													
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model		
213	EF	1	1	O	962	500.0	4.0	600	60	6	SMITH ROOT	12B	
FISH SUMMARY													
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment				
213	EF	1	1	NFC		0							

FDIS Reach/Site Summary

Shelagyte River Planning Area

Watershed Code: 480-195700-48200-36200-0000-0000-000-000-000-000-000

Reach # ILP Map # ILP #

4.0

STREAM REFERENCING											
Gazetted Name:						Local Name:					
Watershed Code: 480-195700-48200-36200-0000-0000-000-000-000-000-000						ILP Map #:			ILP #:		
REACH											
Reach #: 4.0		UTM(Zone/East/North): 9.601692.6185768				Sample Type: Biased					
Length (km): .58		Coupling: Coupled		Magnitude: 30		BGC Zone: ESSF					
Gradient (%): 6.2		Confinement: Frequently Confin		Order: 4		Open water: Absent					
US Elev (m): 1092		Islands: NONE		Riparian Vegetation: Coniferous							
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural											
SITE											
Site #: 214		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/05			
Site Length (m): 210		GIS UTM 9.601843.6185718		Agency Name: Triton Environmental Consultants (Terrace)							
CHANNEL											
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max		#	
Dewatered: ☐		Trib.: ☐		Channel Width (m):		8.05		6.800		10.5 6	
Stage: Low ☐				Wetted Width (m):		6.87		5.300		8 6	
Med ☒				Bankfull Depth (m):		0.47		0.4		0.5 3	
High ☐		Temp (C): 5		pH: 7.6		Conductivity: 30					
								Turbidity: Turbid ☐		Low ☒	
								Moderate ☐		Clear ☐	
MORPHOLOGY											
Bed Material: Dominant: Cobble		D95 (cm): 90.00		Bars: Non ☐		Side ☒		Diagonal ☐		Mid-channel ☐	
Subdominant: Gravels		D (cm): 30.00								Span ☐	
Channel Pattern: Irregular, Wandering		Islands: None		DISTURBANCE		O1		B1		B2 B3 D1 D2 D3	
Coupling: Partially Coupled				INDICATORS		☐		☐		☐	
Confinement: Frequently Confined				C1 C2 C3 C4 C5 S1 S2 S3 S4 S5		☐		☐		☐	
Morphology: RP Riffle Pool						☐		☐		☐	
COVER											
Total Cover: Moderate		Type: SWD		LWD		B		U		DP OV IV	
LWD: Few		Amount: N		T		D		T		S T N	
LWD Dist: Clumped		Location: P/S/O:		☐		☒		☒		☒	
				☐		☐		☐		☐	
Right Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☐		Boulder ☐		Rock ☐	
Left Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☐		Boulder ☐		Rock ☐	
Right Bank: Rip.Veg: Shrubs		Stage: Shrub/herb stage								Crown Closure	
Left Bank: Rip.Veg:		Stage: Mature forest								1-20%	
										Instream Veg: None ☒	
										Algae ☐	
										Moss ☐	
										Vascular ☐	
FEATURES											
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo			AirPhoto	
093M.084	21003	C	50.0	GE	50	GE	R: 21	F: 24	L:	#:	UTM (Z/E/N)
Comments: Barrier							9.601638.6185				
FISH											
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)		
214	EF	1	210	652 sec	600	NFC	0				

FDIS Site Card

Shelagoyte River Planning Area

Watershed Code: 480-195700-48200-36200-0000-0000-000-000-000-000-000

Reach # 4.0 ILP Map # ILP # Site 214

PROJECT

Project Name: Shelagoyte Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000

Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 480-195700-48200-36200-0000-0000-000-000-000-000-000
ILP Map #: ILP #: NID Map #: 093M.084 NID #: 20014 Reach #: 4.0 Site #: 214
Field UTM (Z.E.N): ... Method: Site Lg: 210 Method: MAP Access: H
GIS UTM (Z.E.N): 9.601843.6185718 Ref. Name:
Date: 2001/08/05 Time: 14:00 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	T	10.50	6.80	7.00	8.90	8.30	6.80					8.05	Method I:	5.0	6.0	C 5.50
Wetted Width (m):	T	8.00	6.40	6.80	6.90	7.80	5.30					6.87	Method II:			C
Pool Depth (m):	T	0.70	0.50	0.60	0.50	0.60	0.50					0.57				

Wb Depth: .5 .4 .5 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	T	S	T	N
Loc: P/S/O:	☐	☒	☒	☒	☒	☒	☐

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

LWD: F DIST: C

LB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

RB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

WATER

EMS: Temp: 5 Method: T4 Req #: Cond.: 30 Method: S3
pH: 7.6 Method: P2 Turb.: T ☐ M ☐ L ☒ C ☐ Method: GE
Flood Signs: Rafted debris Method: GE

MORPHOLOGY

Bed Material: Dominant: C Subdom: G O1 B1 B2 B3 D1 D2 D3
D95: 90.0 D (cm): 30.00 Morph: RP DISTURBANCE INDICATORS
Pattern: IR C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐ Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

FEATURES

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)	Method
093M.084	21003	C	50.0	GE	50	GE	R: 21 F: 24 L:	#:	9.601638.6185749	GIS

Comments: Barrier

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Low - lacks deep pool
Rearing Habitat	Low - associated with pools - limited by velocities/resting
Spawning Habitat	Low - associated with gravels (patchy) - limited by substrate/velocities/resting

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-48200-36200-0000-0000-000-000-000-000-000

Reach # ILP Map # ILP # Site
4.0 214

PHOTOS					
Photo				Foc Lg	Dir
					Comments
R:	21	F:	22	STD	U
Upstream photo of rapids section					
R:	21	F:	23	STD	D
Downstream photo of riffle/pool section					
R:	21	F:	24	STD	U
Photo of upstream barrier					
COMMENTS					
Section				Comments	
CHANNEL				NFC	

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-48200-36200-0000-0000-000-000-000-000-000

Reach # 4.0
ILP Map #
ILP #

WATERBODY

Gazetted Name: Local: None
Project Code: 480-000000-00000-00000-0000-0000-000-000-000-000-0
WS Code: 480-195700-48200-36200-0000-0000-000-000-000-000-000
Waterbody ID: ILP Map #: ILP #: Reach #: 4 -
Project ID: 1550 Lake/Stream: S Lake From Date:

Fish Permit #: 145084K Date: 2001/08/05 To: 2001/08/05 Agency: C172 Crew: JH/JA Resample: ☐

SITE / METHOD

Site#	NID Map	NID #	UTM:Zone/East/North/Mthd	MTD/NO	Temp	Cond	Turbid	Comment
214	093M.084	20014		GPU EF 1	5	30	C	

A. GEAR SETTINGS

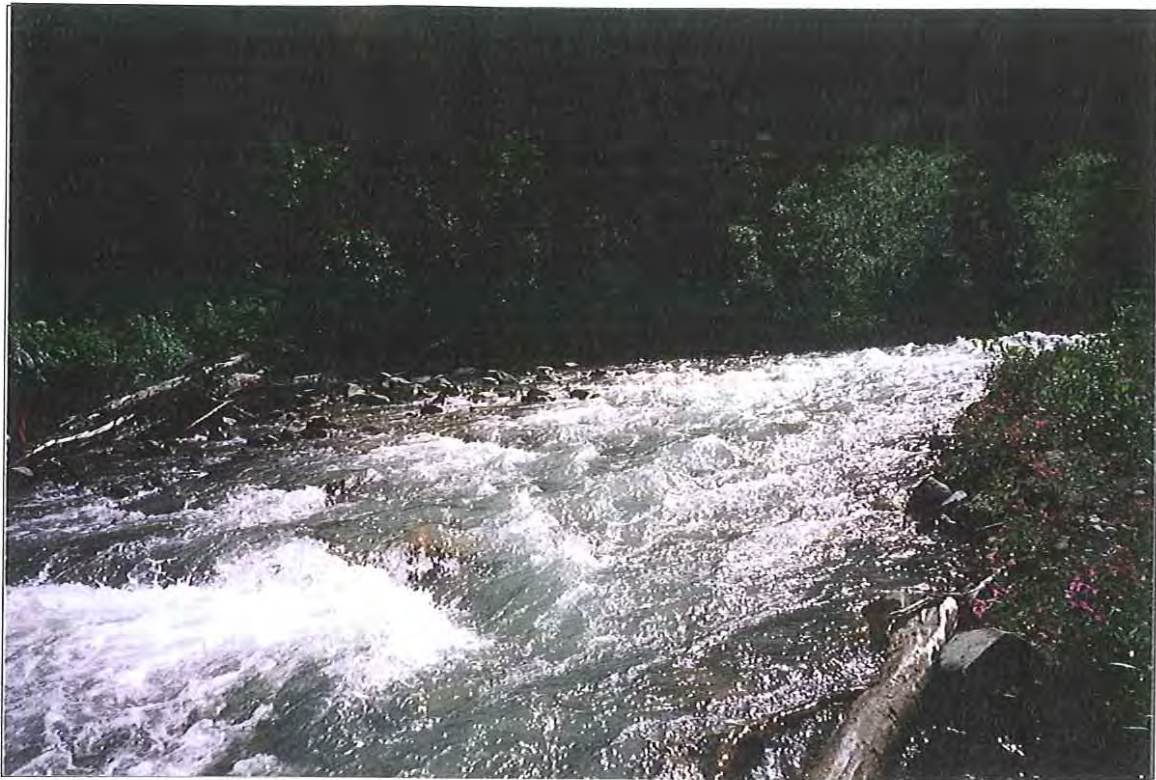
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment
214	EF 1	1	2001/08/05	14:00	2001/08/05	15:00	

C. ELECTROFISHER SPECIFICATIONS

Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model
214	EF	1	1	O	652	210.0	8.0	600	60	6	SMITH ROOT 12B

FISH SUMMARY

Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment
214	EF	1	1	NFC		0			



Site #214, Upstream photo of rapids section.
Roll #21, Frame #22, Date: 2001/08/05



Site #214, Downstream photo of riffle/pool section.
Roll #21, Frame #23, Date: 2001/08/05



Site #214, Photo of upstream barrier.
Roll #21, Frame #24, Date: 2001/08/05

Shelagyote River Planning Area

Reach #	ILP Map #	ILP #
6.0		

Gazetted Name:	Local Name:
Watershed Code: 480-195700-48200-00000-0000-0000-000-000-000-000-000	ILP Map #: ILP #:

Reach #: 6.0	UTM(Zone/East/North): 9.599581.6187675		Sample Type: Biased
Length (km): 2.31	Coupling: Partially Couple	Magnitude: 31	BGC Zone: SBS
Gradient (%): 10.0	Confinement: Frequently Confin	Order: 3	Open water: Absent
US Elev (m): 1274	Islands: NONE	Riparian Vegetation: Coniferous	
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural			

Site #: 215	Field UTM ..	Agency: C172	Crew: JH/JA	Date: 2001/08/06
Site Length (m): 300	GIS UTM 9.600965.6187636	Agency Name: Triton Environmental Consultants (Terrace)		

No Vis.Ch.: ☐	Intermittent: ☐		Avg	Min	Max	#		Avg	Min	Max	#	
Dewatered: ☐	Tribs.: ☐											
Stage: Low ☐		Channel Width (m):	8.12	6.900	9.100	6		Gradient %:	3.50	3	4	2
Med ☐		Wetted Width (m):	8.00	6.900	8.7	6		Pool Depth (m):	0.53	0.300	0.7	6
High ☒		Bankfull Depth (m):	0.73	0.6	0.9	3						
	Temp (C): 6	pH: 8.3			Conductivity: 30			Turbidity.: Turbid ☐		Low ☐		
								Moderate ☐		Clear ☒		

[illegible]

Total Cover: Moderate		<table border="1"> <tr> <td>Type:</td> <td>SWD</td> <td>LWD</td> <td>B</td> <td>U</td> <td>DP</td> <td>OV</td> <td>IV</td> </tr> <tr> <td>Amount:</td> <td>S</td> <td>S</td> <td>D</td> <td>N</td> <td>S</td> <td>N</td> <td>T</td> </tr> </table>								Type:	SWD	LWD	B	U	DP	OV	IV	Amount:	S	S	D	N	S	N	T	
Type:	SWD	LWD	B	U	DP	OV	IV																			
Amount:	S	S	D	N	S	N	T																			
LWD: Few		<table border="1"> <tr> <td>Location: P/S/O:</td> <td>☒</td> <td>☐</td> <td>☒</td> <td>☐</td> <td>☒</td> <td>☐</td> <td>☒</td> <td>☐</td> </tr> </table>								Location: P/S/O:	☒	☐	☒	☐	☒	☐	☒	☐	FSZ: ☐							
Location: P/S/O:	☒	☐	☒	☐	☒	☐	☒	☐																		
LWD Dist: Evenly Distributed																										
Right Bank:	Shape: Undercut	Texture: Fines ☒	Gravel ☐	Cobble ☐	Boulder ☐	Rock ☐	Manmade ☐																			
Left Bank:	Shape: Undercut	Texture: Fines ☒	Gravel ☐	Cobble ☐	Boulder ☐	Rock ☐	Manmade ☐	Crown Closure																		
Right Bank:	Rip.Veg: Shrubs	Stage: Mature forest						1-20%																		
Left Bank:	Rip.Veg:	Stage: Mature forest																								
		Instream Veg: None ☐						Algae ☐																		
								Moss ☒																		
								Vascular ☐																		

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo				AirPhoto			UTM (Z/E/N)	
093M.084	26100	F	10.0	GE	1	MAP	R:	22	F:	6	L:		#:		9.601859.6187
Comments: Falls are a barrier															

Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
215	EF	1	500	934 sec	600	NFC	0		

FDIS Site Card

Shelagoyte River Planning Area

Watershed Code: 480-195700-48200-00000-00000-00000-00000-00000-00000-00000

Reach # 6.0 ILP Map # ILP # Site 215

PROJECT

Project Name: Shelagoyte Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-00000-00000-00000-00000-00000-00000-00000-00000
Project Code: 1550

WATERSHED

Gazetted Name: Local Name: None
Watershed Code: 480-195700-48200-00000-00000-00000-00000-00000-00000-00000-00000-00000
ILP Map#: ILP #: NID Map #: 093M.084 NID #: 20015 Reach #: 6.0 Site #: 215
Field UTM (Z.E.N): .. Method: Site Lg: 300 Method: HC Access: H
GIS UTM (Z.E.N): 9.600965.6187636 Ref. Name:
Date: 2001/08/06 Time: 15:35 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg
Channel Width (m):	MS	6.90	7.30	8.40	9.10	8.30	8.70					8.12
Wetted Width (m):	MS	6.90	7.30	8.40	8.70	8.10	8.60					8.00
Pool Depth (m):	MS	0.30	0.40	0.70	0.70	0.60	0.50					0.53

	Gadient %		Mtd	Avg
Method I:	4.0	3.0	C	3.50
Method II:			C	

Wb Depth: .7 .6 .9 Avg: 0.73 Method: MS Stage: L ☐ M ☐ H ☒
No Vis.Ch.: ☐ Intermittent: ☐
Dw: ☐ Tribs.: ☐

COVER Total: M

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	S	S	D	N	S	N	T
Loc: P/S/O:	☒	☒	☒	☐	☒	☐	☒

LWD: F DIST: E

LB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: MF

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☐ A ☐ M ☒ V ☐

RB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: MF

WATER

EMS: Temp: 6 Method: T4 Req #: Cond.: 30 Method: S3
pH: 8.3 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: none Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C O1 B1 B2 B3 D1 D2 D3
D95: 200.0 D (cm): 5.00 Morph: CP DISTURBANCE INDICATORS
Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: O
Coupling: DC
Confinement: FC
FSZ: ☐
Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

FEATURES

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)	Method
093M.084	26100	F	10.0	GE	1	MAP	R: 22 F: 6 L:	#:	9.601859.6187889	GIS

Comments: Falls are a barrier

HABITAT QUALITY

Name	Comments
Spawning Habitat	Low - limited by low amounts of gravel patches
Rearing Habitat	Low - limited by lack of adult resting
OverWinter Habitat	Low - limited by deep pools

Shelagyote River Planning Area

Reach #	ILP Map #	ILP #	Site
6.0			215

215

PHOTOS						
Photo				Foc Lg	Dir	Comments
R:	22	F:	1	STD	U	Upstream photo of rapid type habitat within site
R:	22	F:	2	STD	D	Downstream photo of rapid type habitat within site
R:	22	F:	3	STD	X	Photo of barrier cascades
R:	22	F:	6	STD	X	Photo of falls in Reach 5

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code:

480-195700-48200-00000-0000-0000-000-000-000-000

Reach #

ILP Map #

ILP #

6.0

WATERBODY

Gazetted Name:

Local: None

Project Code: 480-000000-00000-00000-0000-000-000-000-000-0

WS Code: 480-195700-48200-00000-0000-0000-000-000-000-000

Waterbody ID:

ILP Map #:

ILP #:

Reach #: 6 -

Project ID: 1550

Lake/Stream: S

Lake From Date:

Fish Permit #: 145084K

Date: 2001/08/06

To: 2001/08/06

Agency: C172

Crew: JH/JA

Resample: ☐

SITE / METHOD

Site#	NID Map	NID #	UTM:Zone/East/North/Mthd	MTD/NO	Temp	Cond	Turbid	Comment
215	093M.084	20015		GPU EF 1	6	30	C	

A. GEAR SETTINGS

Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment
215	EF 1	1	2001/08/06	15:10	2001/08/06	16:05	

C. ELECTROFISHER SPECIFICATIONS

Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model
215	EF	1	1	O	934	500.0	8.0	600	60	6	SMITH ROOT 12B

FISH SUMMARY

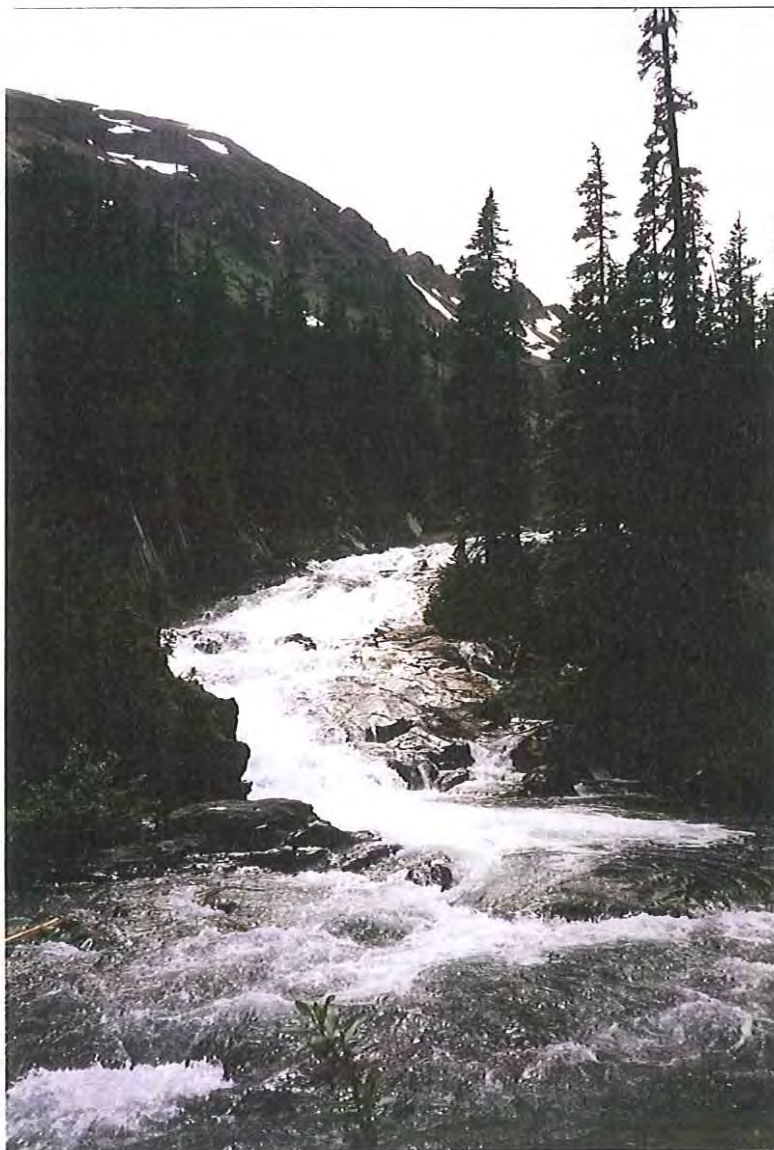
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment
215	EF	1	1	NFC		0			



Site #215, Upstream photo of rapid type habitat within site.
Roll #22, Frame #1, Date: 2001/08/06



Site #215, Downstream photo of rapid type habitat within site.
Roll #22, Frame #2, Date: 2001/08/06



Site #215, Photo of barrier cascades.
Roll #22, Frame #3, Date: 2001/08/06



Site #215, Photo of falls in Reach 5.
Roll #22, Frame #6, Date: 2001/08/06

FDIS Reach/Site Summary

Shelagyote River Planning Area

Reach # ILP Map # ILP #

Watershed Code: 480-195700-48200-00000-00000-0000-000-000-000-000-000

7.0

STREAM REFERENCING									
Gazetted Name:					Local Name:				
Watershed Code: 480-195700-48200-00000-00000-0000-000-000-000-000-000					ILP Map #:		ILP #:		
REACH									
Reach #: 7.0		UTM(Zone/East/North): 9.598940.6188136				Sample Type: Biased			
Length (km): .82		Coupling: Partially Couple		Magnitude: 19		BGC Zone: ESSF			
Gradient (%): 3.3		Confinement: Unconfined		Order: 3		Open water: Absent			
US Elev (m): 1301		Islands: NONE		Riparian Vegetation: Coniferous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 216		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/06	
Site Length (m): 200		GIS UTM 9.599499.6187697		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐		Intermittent: ☐							
Dewatered: ☐		Tribes.: ☐							
Stage: Low ☐									
Med ☐									
High ☒		Temp (C): 7		pH: 8.6		Conductivity: 30		Turbidity: Turbid ☐ Low ☐	
								Moderate ☐ Clear ☒	
MORPHOLOGY									
Bed Material: Dominant: Cobble		D95 (cm): 150.00		Bars: Non ☐		Side ☒		Diagonal ☐ Mid-channel ☐ Span ☐	
Subdominant: Boulders		D (cm): 10.00						Braid ☐	
Channel Pattern: Sinuous		Islands: Occasional		DISTURBANCE		O1		B1 B2 B3 D1 D2 D3	
Coupling: Decoupled				INDICATORS					
Confinement: Unconfined				C1 C2 C3 C4 C5 S1 S2 S3 S4 S5					
Morphology: RP Riffle Pool									
COVER									
Total Cover: Trace		Type: SWD LWD B U DP OV IV							
LWD: None		Amount: N N D S S N T							
LWD Dist: Not Applicable		Location: P/S/O: ☐ ☐ ☒ ☒ ☒ ☐ ☐ ☒						FSZ: ☐	
Right Bank: Shape: Undercut		Texture: Fines ☒ Gravel ☐ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐						Crown Closure	
Left Bank: Shape: Undercut		Texture: Fines ☒ Gravel ☐ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐						0%	
Right Bank: Rip.Veg: Shrubs		Stage: Shrub/herb stage							
Left Bank: Rip.Veg:		Stage: Shrub/herb stage		Instream Veg: None ☐ Algae ☐ Moss ☒ Vascular ☐					
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
216	EF	1	200	461 sec	600	NFC	0		

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-48200-00000-00000-00000-00000-00000-00000

Reach # 7.0 ILP Map # ILP # Site 216

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-00000-00000-00000-00000-00000-00000
Project Code: 1550

WATERSHED

Gazetted Name: Local Name: None
Watershed Code: 480-195700-48200-00000-00000-00000-00000-00000-00000-00000
ILP Map#: ILP #: NID Map #: 093M.083 NID #: 20016 Reach #: 7.0 Site #: 216
Field UTM (Z.E.N): ... Method: Site Lg: 200 Method: MAP Access: H
GIS UTM (Z.E.N): 9.599499.6187697 Ref. Name:
Date: 2001/08/06 Time: 16:27 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	MS	6.20	6.50	7.30	6.10	5.50	6.10					6.28	Method I:	4.0	7.0	C	5.50
Wetted Width (m):	MS	6.20	6.50	7.30	6.10	5.10	6.10					6.22	Method II:			C	
Pool Depth (m):	MS	0.18	0.31	0.60	0.20	0.40	0.20					0.32					

Wb Depth: .3 .2 .3

Avg: 0.27 Method: MS Stage: L ☐ M ☐ H ☒

No Vis.Ch.: ☐ Intermittent: ☐
Dw: ☐ Tribes.: ☐

COVER Total: T

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	N	N	D	S	S	N	T
Loc: P/S/O:	☐	☐	☒	☒	☒	☐	☒

CROWN CLOSURE
0 0%

INSTREAM VEG: N ☐ A ☐ M ☒ V ☐

LWD: N DIST: NA

LB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

RB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

WATER

EMS: Temp: 7 pH: 8.6 Flood Signs: none
Method: T4 Method: P2 Method: GE
Req #: Cond.: 30 Turb.: T ☐ M ☐ L ☐ C ☒
Method: S3 Method: GE

MORPHOLOGY

Bed Material: Dominant: C Subdom: B D95: 150.0 D (cm): 10.00 Morph: RP
Pattern: SI Islands: O Coupling: DC Confinement: UN FSZ: ☐
DISTURBANCE INDICATORS
O1 B1 B2 B3 D1 D2 D3
☐ ☐ ☐ ☐ ☐ ☐ ☐
C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
Spawning Habitat	Low - limited by lack of clean gravel
Rearing Habitat	Low - limited by lack of deep pools, boulders etc.
OverWinter Habitat	Low - limited by lack of deep pools

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 22 F: 4	STD	U	Upstream photo of habitat typical within site
R: 22 F: 5	STD	D	Downstream photo of typical habitat within site

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-48200-00000-0000-0000-000-000-000-000-000

Reach #

ILP Map #

ILP #

Site

7.0

216

COMMENTS

Section

Comments

CHANNEL

NFC - S5

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-48200-00000-00000-00000-00000-00000-000

Reach # 7.0
ILP Map #
ILP #

WATERBODY													
Gazetted Name:						Local: None							
Project Code: 480-000000-00000-00000-00000-00000-00000-00000-0													
WS Code: 480-195700-48200-00000-00000-00000-00000-00000-00000-000													
Waterbody ID:						ILP Map #:			ILP #:		Reach #: 7 -		
Project ID: 1550						Lake/Stream: S			Lake From Date:				
Fish Permit #: 145084K			Date: 2001/08/06			To: 2001/08/06			Agency: C172		Crew: JH/JA		Resample: ☐
SITE / METHOD													
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment			
216	093M.094	20016				GPU EF 1	7	30	C				
A. GEAR SETTINGS													
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment						
216	EF	1	2001/08/06	16:15	2001/08/06	16:36							
C. ELECTROFISHER SPECIFICATIONS													
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model		
216	EF	1	1	O	461	200.0	6.0	600	60	6	SMITH ROOT	12B	
FISH SUMMARY													
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment				
216	EF	1	1	NFC		0							



Site #216, Upstream photo of habitat typical within site.
Roll #22, Frame #4, Date: 2001/08/06



Site #216, Downstream photo of typical habitat within site.
Roll #22, Frame #5, Date: 2001/08/06

FDIS Reach Card **Shelagyote River Planning Area**

Watershed Code: 480-195700-48200-52400-0000-0000-000-000-000-000-000

Reach # 3.0 ILP Map # ILP #

PROJECT									
Project Name: Shelagyote Inventory					Project Code: 1550				
Stream Name (gaz.): BABINE RIVER									
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000									
WATERSHED									
Reach Watershed Code: 480-195700-48200-52400-0000-0000-000-000-000-000-000-000									
ILP Map #:		ILP #:		Reach #: 3.0		NID Map #: 093M.084		NID #: 13070	
Air Photos		Names		UTM(Zone/East/North/Method)					
LINE: 30BCB92052		Gaz.:		9.600882.6190162 GIS					
#: 220		Local:				Sample Type: B		Wetland: ☐	
SURVEY INFO									
Date: 2001/07/11			Agency: C172			Crew: JH/JA			
ATTRIBUTES									
Length (km): 1.88		Gradient: 6.28		Setting: VW		DISTURBANCE			
DS Elev.: 1029		Order: 4		Open water: A		INDICATORS			
US Elev: 1147		Magnitude: 52		Confinement: OC					
		BGC Zone: ESSF		Coupling: CO					
Valley Flat: N		C/D:		Islands: N					
Active Floodplain Visible: ☐		Est. Width:		Bars: ☒ N ☐ SIDE		☐ DIAG ☐ MID ☐ SPAN ☐ BR			
Channel Pattern: SI				Mass Movement: M		Exposed/Eroded: NS			
				Riparian Veg.: C		Landuse: NO			

MAPS		
Map Type	Map #	Year
TRIM	093M.084	1995

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-48200-52400-0000-0000-000-000-000-000-000

Reach # 3.0
ILP Map #
ILP #

WATERBODY												
Gazetted Name:										Local: None		
Project Code: 480-000000-00000-00000-0000-000-000-000-000-000-0												
WS Code: 480-195700-48200-52400-0000-0000-000-000-000-000-000												
Waterbody ID:					ILP Map #:			ILP #:		Reach #: 3 -		
Project ID: 1550					Lake/Stream: S			Lake From Date:				
Fish Permit #:		145084K		Date: 2001/08/06		To: 2001/08/06		Agency: C172		Crew: JH/JA		Resample: ☐
SITE / METHOD												
Site#	NID Map	NID #	UTM:Zone/East/North/Mhd			MTD/NO	Temp	Cond	Turbid	Comment		
217	093M.084	20017				GPU EF 1	5	30	C			
A. GEAR SETTINGS												
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment					
217	EF	1	2001/08/06	16:45	2001/08/06	17:50						
C. ELECTROFISHER SPECIFICATIONS												
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model	
217	EF	1	1	O	790	380.0	7.0	600	60	6	SMITH ROOT	12B
FISH SUMMARY												
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment			
217	EF	1	1	NFC		0						

FDIS Reach/Site Summary

Shelagoyte River Planning Area

Watershed Code: 480-195700-60300-24100-3100-0000-000-000-000-000-000

Reach # ILP Map # ILP #

4.0

STREAM REFERENCING									
Gazetted Name:					Local Name:				
Watershed Code: 480-195700-60300-24100-3100-0000-000-000-000-000-000					ILP Map #:		ILP #:		
REACH									
Reach #: 4.0		UTM(Zone/East/North): 9.605147.6192592			Sample Type: Biased				
Length (km): .18		Coupling: Partially Couple		Magnitude: 3		BGC Zone: SBS			
Gradient (%): 2.8		Confinement: Unconfined		Order: 2		Open water: Absent			
US Elev (m): 1017		Islands: NONE		Riparian Vegetation: Coniferous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 218		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/07	
Site Length (m): 100		GIS UTM 9.605238.6192572		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐ Intermittent: ☐				Avg		Min		Max	
Dewatered: ☐ Tribs.: ☐				#					
Stage: Low ☐		Channel Width (m): 0.83		0.65		1.100		6	
Med ☒		Wetted Width (m): 0.82		0.7		1		6	
High ☐		Bankfull Depth (m): 0.83		0.8		0.9		3	
Temp (C): 6		pH: 7.6		Conductivity: 30		Turbidity: Turbid ☐ Low ☐		Moderate ☐ Clear ☒	
MORPHOLOGY									
Bed Material: Dominant: Gravels		D95 (cm): 10.00		Bars: Non ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐		Braid ☐			
Subdominant: Fines		D (cm): 5.00							
Channel Pattern: Irregular, Wandering		Islands: None		DISTURBANCE INDICATORS					
Coupling: Decoupled				O1 B1 B2 B3 D1 D2 D3					
Confinement: Occasionally Confine				C1 C2 C3 C4 C5 S1 S2 S3 S4 S5					
Morphology: RP Riffle Pool									
COVER									
Total Cover: Moderate		Type: SWD LWD B U DP OV IV							
LWD: None		Amount: N N N N D T D T							
LWD Dist: Not Applicable		Location: P/S/O: ☐ ☐ ☐ ☐ ☒ ☒ ☒ ☒		FSZ: ☐					
Right Bank: Shape: V - shape		Texture: Fines ☒ Gravel ☐ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐		Crown Closure					
Left Bank: Shape: V - shape		Texture: Fines ☒ Gravel ☐ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐		1-20%					
Right Bank: Rip.Veg: Shrubs		Stage: Shrub/herb stage		Instream Veg: None ☐ Algae ☐ Moss ☐ Vascular ☒					
Left Bank: Rip.Veg:		Stage: Shrub/herb stage							
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
218	EF	1	100	125 sec	600	DV	5	60	70

FDIS Site Card

Shelagoyte River Planning Area

Watershed Code: 480-195700-60300-24100-3100-0000-000-000-000-000-000

Reach # 4.0 ILP Map # ILP # Site 218

PROJECT

Project Name: Shelagoyte Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-0000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 480-195700-60300-24100-3100-0000-000-000-000-000-000
ILP Map #: ILP #: NID Map #: 093M.084 NID #: 20018 Reach #: 4.0 Site #: 218
Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: GE Access: H
GIS UTM (Z.E.N): 9.605238.6192572 Ref. Name:
Date: 2001/08/07 Time: 11:20 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg
Channel Width (m):	T	0.80	0.70	0.65	0.95	0.80	1.10					0.83
Wetted Width (m):	T	0.90	0.80	0.70	0.80	0.70	1.00					0.82
Pool Depth (m):	T	0.40	0.50	0.40	0.30	0.50	0.60					0.45

	Gadient %		Mtd	Avg
Method I:	5.0	4.0	C	4.50
Method II:			C	

Wb Depth: .8 .9 .8 Avg: 0.83 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	N	N	D	T	D	T
Loc: P/S/O:	☐	☐	☐	☒	☒	☒	☒

LWD: N DIST: NA

LB SHP: V

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☐ A ☐ M ☐ V ☒

RB SHP: V

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

WATER

EMS: Temp: 6 Method: T4 Req #: Cond.: 30 Method: S3
pH: 7.6 Method: P2 Method: GE
Flood Signs: none Method: GE
Turb.: T ☐ M ☐ L ☐ C ☒

MORPHOLOGY

Bed Material: Dominant: G Subdom: F O1 B1 B2 B3 D1 D2 D3
D95: 10.0 D (cm): 5.00 Morph: RP DISTURBANCE INDICATORS
Pattern: IR 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	Moderate - upstream and downstream lakes
Rearing Habitat	Moderate
Spawning Habitat	Moderate - associated with flows/gravel

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 22 F: 8	STD	U	Upstream photo of fish capture location
R: 22 F: 9	STD	D	Downstream photo of typical habitat within site

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-60300-24100-3100-0000-000-000-000-000-000

Reach #	ILP Map #	ILP #	Site
4.0			218

COMMENTS	
Section	Comments
CHANNEL	DV captured - S4

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-60300-24100-3100-0000-000-000-000-000-000

Reach # 4.0
ILP Map #
ILP #

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0															
WS Code: 480-195700-60300-24100-3100-0000-000-000-000-000-000															
Waterbody ID:										ILP Map #:		ILP #:		Reach #: 4 -	
Project ID: 1550										Lake/Stream: S		Lake From Date:			
Fish Permit #:		145084K		Date: 2001/08/07		To: 2001/08/07		Agency: C172		Crew: JH/JA		Resample: ☐			
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment					
218	093M.084	20018				GPU EF 1	6	30	C						
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
218	EF 1	1	2001/08/07	11:00	2001/08/07	11:20									
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
218	EF	1	1	O	125	100.0	0.8	600	60	6	SMITH ROOT	12B			
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment						
218	EF	1	1	DV	J	1+	5	60	70	R					
INDIVIDUAL FISH DATA															
Site#	MTD/NO	H/P	Species	Length	Weight	Sex	Mat	Age		Vch#	Genetic		Roll #	Frame#	Comment
								Str/Smpl#	Age		Str/Smpl#				
218	EF	1	1	DV	60		U	U							
218	EF	1	1	DV	60		U	U							
218	EF	1	1	DV	65		U	U							
218	EF	1	1	DV	70		U	U							
218	EF	1	1	DV	70		U	U							



Site #218, Upstream photo of fish capture location.
Roll #22, Frame #8, Date: 2001/08/07



Site #218, Downstream photo of typical habitat within site.
Roll #22, Frame #9, Date: 2001/08/07

FDIS Reach/Site Summary

Shelagyte River Planning Area

Watershed Code: 480-195700-63000-00000-0000-0000-000-000-000-000

Reach # ILP Map # ILP #
3.0

STREAM REFERENCING									
Gazetted Name:					Local Name:				
Watershed Code: 480-195700-63000-00000-0000-0000-000-000-000-000					ILP Map #:		ILP #:		
REACH									
Reach #: 3.0		UTM(Zone/East/North): 9.604616.6193808				Sample Type: Random			
Length (km): 1.13		Coupling: Decoupled		Magnitude: 38		BGC Zone: ESSF			
Gradient (%): 1.9		Confinement: Unconfined		Order: 3		Open water: Absent			
US Elev (m): 1020		Islands: NONE		Riparian Vegetation: Coniferous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 219		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/09	
Site Length (m): 420		GIS UTM 9.605228.6193650		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max	
Dewatered: ☐		Tribes.: ☐		Channel Width (m):		6.62		5.7	
Stage: Low ☐				Wetted Width (m):		6.58		5.800	
Med ☐				Bankfull Depth (m):		0.63		0.5	
High ☒		Temp (C): 6		pH: 7.5		Conductivity: 30		Turbidity: Turbid ☐ Low ☐	
								Moderate ☐ Clear ☒	
MORPHOLOGY									
Bed Material: Dominant: Cobble		D95 (cm): 60.00		Bars: Non ☐		Side ☒		Diagonal ☐	
Subdominant: Gravels		D (cm): 10.00						Mid-channel ☐	
Channel Pattern: Irregular, Wandering		Islands: None		DISTURBANCE		O1		B1	
Coupling: Decoupled				INDICATORS		B2		B3	
Confinement: Occasionally Confine				C1		C2		C3	
Morphology: RP Riffle Pool				C4		C5		S1	
				C6		S2		S3	
				C7		S4		S5	
COVER									
Total Cover: Moderate		Type: SWD		LWD		B		U	
LWD: Few		Amount: N		N		T		S	
LWD Dist: Clumped		Location: P/S/O:		☐		☐		☒	
Right Bank: Shape: V - shape		Texture: Fines ☒		Gravel ☒		Cobble ☐		Boulder ☐	
Left Bank: Shape: V - shape		Texture: Fines ☒		Gravel ☒		Cobble ☐		Boulder ☐	
Right Bank: Rip.Veg: Shrubs		Stage: Shrub/herb stage		None ☒		Algae ☐		Moss ☐	
Left Bank: Rip.Veg:		Stage: Shrub/herb stage		Instream Veg: None ☒		Algae ☐		Moss ☐	
								Vascular ☐	
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
219	EF	1	420	675 sec	600	NFC	0		

FDIS Site Card

Shelagoyte River Planning Area

Watershed Code: 480-195700-63000-00000-0000-0000-000-000-000-000-000

Reach # 3.0 ILP Map # ILP # Site 219

PROJECT

Project Name: Shelagoyte Inventory
Stream Name (gaz.): BABINE RIVER
Project Code: 1550
Project Watershed Code: 480-000000-00000-00000-0000-0000-000-000-000-000-000

WATERSHED

Gazetted Name: Watershed Code: 480-195700-63000-00000-0000-0000-000-000-000-000-000-000
Local Name: None
ILP Map#: ILP #: NID Map #: 093M.084 NID #: 20019 Reach #: 3.0 Site #: 219
Field UTM (Z.E.N): .. Method: Site Lg: 420 Method: MAP Access: H
GIS UTM (Z.E.N): 9.605228.6193650 Ref. Name:
Date: 2001/08/09 Time: 11:20 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	MS	6.30	5.70	7.70	7.50	6.70	5.80					6.62	Method I:	4.0	5.0	C	4.50
Wetted Width (m):	MS	6.00	5.80	7.00	7.50	6.90	6.30					6.58	Method II:			C	
Pool Depth (m):	MS	0.80	0.70	0.60	0.50	0.60	0.50					0.62					

Wb Depth:

.8

.6

.5

Avg: 0.63

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	N	T	S	D	T	N
Loc: P/S/O:	☐	☐	☒	☒	☒	☒	☐

LWD: F DIST: C

LB SHP: V

Texture: F ☒ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

RB SHP: V

Texture: F ☒ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

WATER

EMS: Temp: 6 Method: T4 Req #: Cond.: 30 Method: S3
pH: 7.5 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: none Method: GE

MORPHOLOGY

Bed Material: Dominant: C Subdom: G O1 B1 B2 B3 D1 D2 D3
D95: 60.0 D (cm): 10.00 Morph: RP DISTURBANCE INDICATORS
Pattern: IR 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	Low - limited by the lack of pools
Rearing Habitat	Low - high velocities, limited pools/resting
Spawning Habitat	Low - patchy gravel sections - limited by flows and velocities

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 22 F: 10	STD	U	Crew member shocking pool
R: 22 F: 11	STD	D	Downstream photo of riffle section

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-63000-00000-0000-0000-000-000-000-000-000

Reach #

ILP Map #

ILP #

Site

3.0

219

COMMENTS

Section	Comments
CHANNEL	NFC - S5

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-63000-00000-0000-0000-000-000-000-000-000

Reach # 3.0
ILP Map #
ILP #

WATERBODY												
Gazetted Name: Local: None												
Project Code: 480-000000-00000-00000-0000-000-000-000-000-000-0												
WS Code: 480-195700-63000-00000-0000-000-000-000-000-000												
Waterbody ID: ILP Map #: ILP #: Reach #: 3 -												
Project ID: 1550 Lake/Stream: S Lake From Date:												
Fish Permit #: 145084K Date: 2001/08/07 To: 2001/08/07 Agency: C172 Crew: JH/JA Resample: ☐												
SITE / METHOD												
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment		
219	093M.084	20019				GPU EF 1	6	30	C			
A. GEAR SETTINGS												
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment					
219	EF	1	2001/08/07	10:50	2001/08/07	11:50						
C. ELECTROFISHER SPECIFICATIONS												
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model	
219	EF	1	1	O	675	420.0	7.0	600	60	6	SMITH ROOT	12B
FISH SUMMARY												
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment			
219	EF	1	1	NFC		0						



Site #219, Crew member shocking pool.
Roll #22, Frame #10, Date: 2001/08/09



Site #219, Downstream photo of riffle section.
Roll #22, Frame #11, Date: 2001/08/09

FDIS Reach Card

Shelagyote River Planning Area

Watershed Code: 480-195700-60300-24100-3100-0000-000-000-000-000-000

Reach # 5.0
ILP Map #
ILP #

PROJECT									
Project Name: Shelagyote Inventory					Project Code: 1550				
Stream Name (gaz.): BABINE RIVER									
Project Watershed Code: 480-000000-00000-00000-0000-0000-000-000-000-000-000									
WATERSHED									
Reach Watershed Code: 480-195700-60300-24100-3100-0000-000-000-000-000-000									
ILP Map #:	ILP #:	Reach #:	5.0	NID Map #:	093M.084	NID #:	13336		
Air Photos		Names		UTM(Zone/East/North/Method)					
LINE: 30BCB92052		Gaz.:		9.604887.6192771 GIS					
#: 164		Local:		Sample Type: B Wetland: ☐					
SURVEY INFO									
Date: 2001/07/11			Agency: C172			Crew: JH/JA			
ATTRIBUTES									
Length (km): .40	Gradient: 17.75	Setting: MP	DISTURBANCE INDICATORS						
DS Elev.: 1017	Order: 2	Open water: A	O1	B1	B2	B3	D1	D2	D3
US Elev: 1088	Magnitude: 2	Confinement: CO	C1	C2	C3	C4	C5	S1	S2
	BGC Zone: SBS	Coupling: PC							
Valley Flat: N	C/D:	Islands: N							
Active Floodplain Visible: ☐	Est. Width:	Bars: ☒ N ☐ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR							
Channel Pattern: SI		Mass Movement: M	Exposed/Eroded: NS						
		Riparian Veg.: C	Landuse: NO						

MAPS		
Map Type	Map #	Year
TRIM	093M.084	1995

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-60300-24100-3100-0000-000-000-000-000-000

Reach # 5.0
ILP Map #
ILP #

WATERBODY																	
Gazetted Name:										Local: None							
Project Code: 480-000000-00000-00000-0000-0000-000-000-000-0																	
WS Code: 480-195700-60300-24100-3100-0000-000-000-000-000-000																	
Waterbody ID:										ILP Map #:		ILP #:		Reach #: 5 -			
Project ID: 1550										Lake/Stream: S		Lake From Date:					
Fish Permit #:		145084K		Date:		2001/08/07		To:		2001/08/07		Agency: C172		Crew: JH/JA		Resample: ☐	
SITE / METHOD																	
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd				MTD/NO	Temp	Cond	Turbid	Comment						
220	093M.084	20020					GPU EF 1	6	30	C							
A. GEAR SETTINGS																	
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment										
220	EF	1	1	2001/08/07	12:30	2001/08/07	12:50										
C. ELECTROFISHER SPECIFICATIONS																	
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model						
220	EF	1	1	O	110	100.0	1.0	600	60	6	SMITH ROOT	12B					
FISH SUMMARY																	
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment								
220	EF	1	1	DV	J	2+	5	60	80	R							
INDIVIDUAL FISH DATA																	
Site#	MTD/NO	H/P	Species	Length	Weight	Sex	Mat	Age Str/Smpl#//Age		Vch#	Genetic Str/Smpl#	Roll #	Frame#	Comment			
220	EF	1	1	DV	70		U	U									
220	EF	1	1	DV	80		U	U									
220	EF	1	1	DV	60		U	U									
220	EF	1	1	DV	60		U	U									
220	EF	1	1	DV	80		U	U									

FDIS Reach Card

Shelagyote River Planning Area

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

Reach # 1.0 ILP Map # 093M.084 ILP # 10977

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000

Project Code: 1550

WATERSHED

Reach Watershed Code: 000-000000-00000-00000-0000-000-000-000-000-000
ILP Map #: 093M.084 ILP #: 10977 Reach #: 1.0 NID Map #: 093M.084 NID #: 13468
Air Photos Names UTM(Zone/East/North/Method)
LINE: 30BCB92052 Gaz.: 9.605125.6192783 GIS
#: 29 Local: Sample Type: B Wetland: ☒

SURVEY INFO

Date: 2001/07/11 Agency: C172 Crew: JH/JA

ATTRIBUTES

Length (km): .93 Gradient: 1.61 Setting: VF DISTURBANCE O1 B1 B2 B3 D1 D2 D3
DS Elev.: 997 Order: 1 Open water: A INDICATORS ☐ ☐ ☐ ☐ ☐ ☐ ☐
US Elev: 1012 Magnitude: 1 Confinement: UN C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
BGC Zone: SBS Coupling: DC ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Valley Flat: B C/D: C Islands: N
Active Floodplain Visible: ☐ Est. Width: Bars: ☒ N ☐ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR
Channel Pattern: SI Mass Movement: L Exposed/Eroded: NS
Riparian Veg.: D Landuse: NO

MAPS

Map Type	Map #	Year
TRIM	093M.084	1995

FDIS Fish Card

Shelagyte River Planning Area

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

Reach # 1.0
ILP Map # 093M.084
ILP # 10977

WATERBODY																	
Gazetted Name:										Local: None							
Project Code: 480-000000-00000-00000-0000-0000-000-000-000-000-0																	
WS Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000																	
Waterbody ID:										ILP Map #: 093M.084		ILP #: 10977		Reach #: 1 -			
Project ID: 1550										Lake/Stream: S		Lake From Date:					
Fish Permit #:		145084K		Date:		2001/08/09		To:		2001/08/09		Agency: C172		Crew: JH/JA		Resample: ☐	
SITE / METHOD																	
Site#	NID Map	NID #	UTM:Zone/East/North/Mhd			MTD/NO	Temp	Cond	Turbid	Comment							
221	093M.084	20021				GPU EF 1	6	20	C								
A. GEAR SETTINGS																	
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment										
221	EF 1	1	2001/08/09	12:50	2001/08/09	13:20											
C. ELECTROFISHER SPECIFICATIONS																	
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model						
221	EF 1	1	O	340	100.0	1.0	600	60	6	SMITH ROOT	12B						
FISH SUMMARY																	
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment								
221	EF 1	1	NFC			0											

FDIS Reach/Site Summary

Shelagyte River Planning Area

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

Reach # ILP Map # ILP #
2.0 093M.084 10966

STREAM REFERENCING

Gazetted Name: Local Name:
Watershed Code: 000-000000-00000-00000-0000-000-000-000-000-000-000 ILP Map #: 093M.084 ILP #: 10966

REACH

Reach #: 2.0 UTM(Zone/East/North): 9.605467.6194343 Sample Type: Biased
Length (km): .34 Coupling: Partially Couple Magnitude: 1 BGC Zone: SBS
Gradient (%): 20.6 Confinement: Confined Order: 1 Open water: Absent
US Elev (m): 1069 Islands: NONE Riparian Vegetation: Coniferous
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural

SITE

Site #: 222 Field UTM .. Agency: C172 Crew: JH/JA Date: 2001/08/07
Site Length (m): 100 GIS UTM 9.605482.6194267 Agency Name: Triton Environmental Consultants (Terrace)

CHANNEL

No Vis.Ch.: ☐ Intermittent: ☐
Dewatered: ☐ Tribs.: ☐
Stage: Low ☐
Med ☒
High ☐ Temp (C): 6 pH: 7.5 Conductivity: 30
Turbidity: Turbid ☐ Low ☐
Moderate ☐ Clear ☒

	Avg	Min	Max	#
Channel Width (m):	0.70	0.400	1.4	6
Wetted Width (m):	0.65	0.400	1.200	6
Bankfull Depth (m):	0.57	0.5	0.6	3

	Avg	Min	Max	#
Gradient %:	7.00	6	8	2
Pool Depth (m):	0.32	0.200	0.400	6

MORPHOLOGY

Bed Material: Dominant: Fines D95 (cm): 30.00 Bars: Non ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐
Subdominant: Cobble D (cm): 5.00 Braid ☐
Channel Pattern: Irregular, Wandering Islands: None DISTURBANCE INDICATORS O1 B1 B2 B3 D1 D2 D3
Coupling: Decoupled C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Confinement: Occasionally Confine
Morphology: CP Cascade Pool

COVER

Total Cover: Moderate
LWD: Few
LWD Dist: Clumped

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	N	T	N	S	N	D	N
Location: P/S/O:	☐	☒	☐	☒	☐	☒	☐

FSZ: ☐

Right Bank: Shape: V - shape Texture: Fines ☒ Gravel ☐ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐
Left Bank: Shape: V - shape Texture: Fines ☒ Gravel ☐ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐
Right Bank: Rip.Veg: Shrubs Stage: Shrub/herb stage
Left Bank: Rip.Veg: Stage: Shrub/herb stage
Instream Veg: None ☐ Algae ☐ Moss ☒ Vascular ☒

FISH

Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
222	EF	1	100	153 sec	600	NFC	0		

FDIS Site Card

Shelagyote River Planning Area

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

Reach # 2.0 ILP Map # 093M.084 ILP # 10966 Site # 222

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 000-000000-00000-00000-0000-000-000-000-000-000
ILP Map#: 093M.084 ILP #: 10966 NID Map #: 093M.084 NID #: 20022 Reach #: 2.0 Site #: 222
Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: MAP Access: H
GIS UTM (Z.E.N): 9.605482.6194267 Ref. Name:
Date: 2001/08/07 Time: 13:30 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	MS	0.50	1.40	0.80	0.50	0.60	0.40					0.70	Method I:	8.0	6.0	C	7.00
Wetted Width (m):	MS	0.50	1.20	0.70	0.50	0.60	0.40					0.65	Method II:			C	
Pool Depth (m):	MS	0.30	0.30	0.20	0.40	0.30	0.40					0.32					

Wb Depth: .5 .6 .6 Avg: 0.57 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	N	S	N	D	N
Loc: P/S/O:	☐	☒	☐	☒	☐	☒	☐

LWD: F DIST: C

LB SHP: V

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☐ A ☐ M ☒ V ☒

RB SHP: V

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

WATER

EMS: Temp: 6 Method: T4 Req #: Cond.: 30 Method: S3
pH: 7.5 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: none Method: GE

MORPHOLOGY

Bed Material: Dominant: F Subdom: C O1 B1 B2 B3 D1 D2 D3
D95: 30.0 D (cm): 5.00 Morph: CP DISTURBANCE INDICATORS
Pattern: IR 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	None - potenital in upstream lake
Rearing Habitat	Low - associated with small pools/cover/flows
Spawning Habitat	None observed

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 22 F: 12	STD	U	Upstream photo of pool with LWD cover
R: 22 F: 13	STD	D	Downstream photo of pool with overhead cover

FDIS Site Card

Shelagyote River Planning Area

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

Reach #	ILP Map #	ILP #	Site
2.0	093M.084	10966	222

COMMENTS	
Section	Comments
SITE CARD	Site located at the bottom of the gradient section
CHANNEL	NFC

FDIS Fish Card

Shelagoyote River Planning Area

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

Reach # 2.0
ILP Map # 093M.084
ILP # 10966

WATERBODY													
Gazetted Name:										Local: None			
Project Code: 480-000000-00000-00000-0000-000-000-000-000-000-0													
WS Code: 000-000000-00000-00000-0000-000-000-000-000-000-000													
Waterbody ID:										ILP Map #: 093M.084			
Project ID: 1550										ILP #: 10966		Reach #: 2 -	
										Lake/Stream: S		Lake From Date:	
Fish Permit #: 145084K				Date: 2001/08/07				To: 2001/08/07		Agency: C172		Crew: JH/JA	
													Resample: ☐
SITE / METHOD													
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment			
222	093M.084	20022				GPU EF 1	6	30	C				
A. GEAR SETTINGS													
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment						
222	EF	1	1	2001/08/07	13:30	2001/08/07	13:50						
C. ELECTROFISHER SPECIFICATIONS													
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model		
222	EF	1	1	O	153	100.0	0.8	600	60	6	SMITH ROOT	12B	
FISH SUMMARY													
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment				
222	EF	1	1	NFC		0							



Site #222, Upstream photo of pool with LWD cover.
Roll #22, Frame #12, Date: 2001/08/07



Site #222, Downstream photo of pool with overhead cover.
Roll #22, Frame #13, Date: 2001/08/07

Shelagyote River Planning Area

Reach #	ILP Map #	ILP #
3.0		

STREAM REFERENCING																																										
Gazetted Name:					Local Name:																																					
Watershed Code: 480-195700-82000-00000-0000-0000-000-000-000-000-000					ILP Map #:		ILP #:																																			
REACH																																										
Reach #: 3.0		UTM(Zone/East/North): 9.604437.6196675				Sample Type: Biased																																				
Length (km): .23		Coupling: Decoupled		Magnitude: 5		BGC Zone: ESSF																																				
Gradient (%): 4.8		Confinement: Unconfined		Order: 3		Open water: Present																																				
US Elev (m): 1084		Islands: NONE		Riparian Vegetation: Deciduous																																						
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural																																										
SITE																																										
Site #: 223		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/07																																		
Site Length (m): 100		GIS UTM 9.604430.6196829		Agency Name: Triton Environmental Consultants (Terrace)																																						
CHANNEL																																										
No Vis.Ch.: ☐		Intermittent: ☐		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Avg</th> <th>Min</th> <th>Max</th> <th>#</th> </tr> </thead> <tbody> <tr> <td>Channel Width (m):</td> <td>1.02</td> <td>0.600</td> <td>1.5</td> <td>6</td> </tr> <tr> <td>Wetted Width (m):</td> <td>1.05</td> <td>0.800</td> <td>1.4</td> <td>6</td> </tr> <tr> <td>Bankfull Depth (m):</td> <td>1.03</td> <td>1</td> <td>1.1</td> <td>3</td> </tr> </tbody> </table>			Avg	Min	Max	#	Channel Width (m):	1.02	0.600	1.5	6	Wetted Width (m):	1.05	0.800	1.4	6	Bankfull Depth (m):	1.03	1	1.1	3	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Avg</th> <th>Min</th> <th>Max</th> <th>#</th> </tr> </thead> <tbody> <tr> <td>Gradient %:</td> <td>5.50</td> <td>5</td> <td>6</td> <td>2</td> </tr> <tr> <td>Pool Depth (m):</td> <td>0.47</td> <td>0.300</td> <td>0.600</td> <td>6</td> </tr> </tbody> </table>			Avg	Min	Max	#	Gradient %:	5.50	5	6	2	Pool Depth (m):	0.47	0.300	0.600	6
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Channel Width (m):	1.02	0.600	1.5			6																																				
Wetted Width (m):	1.05	0.800	1.4	6																																						
Bankfull Depth (m):	1.03	1	1.1	3																																						
	Avg	Min	Max	#																																						
Gradient %:	5.50	5	6	2																																						
Pool Depth (m):	0.47	0.300	0.600	6																																						
Dewatered: ☐		Tribes.: ☐																																								
Stage: Low ☐																																										
Med ☒																																										
High ☐																																										
Temp (C): 6		pH: 7.4		Conductivity: 30		Turbidity: Turbid ☐		Low ☐																																		
						Moderate ☐		Clear ☒																																		
MORPHOLOGY																																										
Bed Material: Dominant: Gravels		D95 (cm): 30.00		Bars: Non ☒		Side ☐		Diagonal ☐																																		
Subdominant: Cobble		D (cm): 5.00				Mid-channel ☐		Span ☐																																		
Channel Pattern: Irregular, Wandering		Islands: None		Braid ☐																																						
Coupling: Decoupled				DISTURBANCE INDICATORS																																						
Confinement: Occasionally Confine				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>O1</td><td>B1</td><td>B2</td><td>B3</td><td>D1</td><td>D2</td><td>D3</td> </tr> <tr> <td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td> </tr> </table>						O1	B1	B2	B3	D1	D2	D3	☐	☐	☐	☐	☐	☐	☐																			
O1	B1	B2	B3	D1	D2	D3																																				
☐	☐	☐	☐	☐	☐	☐																																				
Morphology: RP Riffle Pool				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>C1</td><td>C2</td><td>C3</td><td>C4</td><td>C5</td><td>S1</td><td>S2</td><td>S3</td><td>S4</td><td>S5</td> </tr> <tr> <td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td> </tr> </table>						C1	C2	C3	C4	C5	S1	S2	S3	S4	S5	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐													
C1	C2	C3	C4	C5	S1	S2	S3	S4	S5																																	
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐																																	
COVER																																										
Total Cover: Moderate		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Type:</td> <td>SWD</td> <td>LWD</td> <td>B</td> <td>U</td> <td>DP</td> <td>OV</td> <td>IV</td> </tr> <tr> <td>Amount:</td> <td>N</td> <td>N</td> <td>N</td> <td>S</td> <td>T</td> <td>D</td> <td>T</td> </tr> </table>								Type:	SWD	LWD	B	U	DP	OV	IV	Amount:	N	N	N	S	T	D	T																	
Type:	SWD	LWD	B	U	DP	OV	IV																																			
Amount:	N	N	N	S	T	D	T																																			
LWD: None		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Location: P/S/O:</td> <td>☐</td><td>☐</td><td>☐</td><td>☒</td><td>☒</td><td>☒</td><td>☒</td> </tr> </table>								Location: P/S/O:	☐	☐	☐	☒	☒	☒	☒																									
Location: P/S/O:	☐	☐	☐	☒	☒	☒	☒																																			
LWD Dist: Not Applicable		FSZ: ☐																																								
Right Bank: Shape: Undercut		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐																																		
Left Bank: Shape: Undercut		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐																																		
Right Bank: Rip.Veg: Shrubs		Stage: Shrub/herb stage		Rock ☐		Manmade ☐		Crown Closure																																		
Left Bank: Rip.Veg:		Stage: Shrub/herb stage		Rock ☐		Manmade ☐		1-20%																																		
Instream Veg: None ☐ Algae ☐ Moss ☐ Vascular ☒																																										
FISH																																										
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)																																	
223	EF	1	100	113 sec	600	DV	6	60	70																																	

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-82000-00000-00000-00000-00000-00000-00000

Reach # 3.0 ILP Map # ILP # Site 223

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-00000-00000-00000-00000-00000-00000
Project Code: 1550

WATERSHED

Gazetted Name: Local Name: None
Watershed Code: 480-195700-82000-00000-00000-00000-00000-00000-00000-00000
ILP Map #: ILP #: NID Map #: 093M.094 NID #: 20023 Reach #: 3.0 Site #: 223
Field UTM (Z.E.N): Method: Site Lg: 100 Method: MAP Access: H
GIS UTM (Z.E.N): 9.604430.6196829 Ref. Name:
Date: 2001/08/07 Time: 14:00 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	MS	1.00	0.80	0.60	0.90	1.50	1.30					1.02	Method I:	5.0	6.0	C	5.50
Wetted Width (m):	MS	1.00	0.80	0.80	0.90	1.40	1.40					1.05	Method II:			C	
Pool Depth (m):	MS	0.60	0.50	0.40	0.60	0.40	0.30					0.47					

Wb Depth:	1.1	1.0	1.0
-----------	-----	-----	-----

Avg: 1.03

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	N	N	S	T	D	T
Loc: P/S/O:	☐	☐	☐	☒	☒	☒	☒

LWD: N

DIST: NA

LB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☐ A ☐ M ☐ V ☒

RB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

WATER

EMS: Temp: 6 Method: T4 Req #: Cond.: 30 Method: S3
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: 30.0 D (cm): 5.00 Morph: RP DISTURBANCE INDICATORS
Pattern: IR 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	Low - within site overstream vegetation is limited - downstream lakes potential
Rearing Habitat	Moderate - associated with cover/access/flows
Spawning Habitat	Moderate - associated with substrate and flows

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 22 F: 14	STD	U	Upstream photo of fish capture location
R: 22 F: 15	STD	D	Downstream photo of stream channel

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-82000-00000-0000-0000-000-000-000-000-000

Reach #	ILP Map #	ILP #	Site
3.0			223

COMMENTS	
Section	Comments
CHANNEL	DV captured - S4

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-82000-00000-00000-0000-000-000-000-000-000

Reach # 3.0
ILP Map #
ILP #

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0															
WS Code: 480-195700-82000-00000-0000-000-000-000-000-000															
Waterbody ID:										ILP Map #:					
Project ID: 1550										ILP #: Reach #: 3 -					
Fish Permit #: 145084K										Date: 2001/08/07 To: 2001/08/07 Agency: C172 Crew: JH/JA Resample: ☐					
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment					
223	093M.094	20023				GPU EF 1	6	30	C						
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
223	EF 1	1	2001/08/07	13:55	2001/08/07	14:20									
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
223	EF	1	1	O	113	100.0	1.0	600	60	6	SMITH ROOT	12B			
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment						
223	EF	1	1	DV	J	1+	6	60 70	R						
INDIVIDUAL FISH DATA															
Site#	MTD/NO	H/P	Species	Length	Weight	Sex	Mat	Age		Vch#	Genetic		Roll #	Frame#	Comment
								Str/Smpl#	Age		Str/Smpl#				
223	EF	1	1	DV	70		U	U							
223	EF	1	1	DV	70		U	U							
223	EF	1	1	DV	60		U	U							
223	EF	1	1	DV	60		U	U							
223	EF	1	1	DV	65		U	U							
223	EF	1	1	DV	65		U	U							



Site #223, Upstream photo of fish capture location.
Roll #22, Frame #14, Date: 2001/08/07



Site #223, Downstream photo of stream channel.
Roll #22, Frame #15, Date: 2001/08/07

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-75300-00000-0000-000-000-000-000-000

Reach # ILP Map # ILP #

4.0

STREAM REFERENCING									
Gazetted Name:					Local Name:				
Watershed Code: 480-195700-75300-00000-0000-000-000-000-000-000					ILP Map #:		ILP #:		
REACH									
Reach #: 4.0		UTM(Zone/East/North): 9.605158.6197196				Sample Type: Biased			
Length (km): .43		Coupling: Partially Couple		Magnitude: 3		BGC Zone: SBS			
Gradient (%): 15.1		Confinement: Frequently Confin		Order: 2		Open water: Absent			
US Elev (m): 969		Islands: NONE		Riparian Vegetation: Coniferous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 224		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/07	
Site Length (m): 100		GIS UTM 9.605510.6197095		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max	
Dewatered: ☐		Tribs.: ☐		Channel Width (m): 1.53		1.100		2.1	
Stage: Low ☐				Wetted Width (m): 1.25		1		1.5	
Med ☒				Bankfull Depth (m): 0.53		0.5		0.6	
High ☐									
Temp (C): 6		pH: 7.5		Conductivity: 40					
						Turbidity: Turbid ☐		Low ☐	
						Moderate ☐		Clear ☒	
MORPHOLOGY									
Bed Material: Dominant: Cobble		D95 (cm): 30.00		Bars: Non ☒		Side ☐		Diagonal ☐	
Subdominant: Gravels		D (cm): 10.00				Mid-channel ☐		Span ☐	
Channel Pattern: Sinuous		Islands: None		DISTURBANCE		O1		B1	
Coupling: Partially Coupled				INDICATORS		B2		B3	
Confinement: Frequently Confined						D1		D2	
Morphology: CP Cascade Pool						D3			
				C1		C2		C3	
				C4		C5		S1	
				S2		S3		S4	
				S5					
COVER									
Total Cover: Moderate		Type: SWD		LWD		B		U	
LWD: Few		Amount: N		S		N		N	
LWD Dist: Clumped		Location: P/S/O:		☒		☐		☐	
				☐		☐		☐	
Right Bank: Shape: V - shape		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐	
Left Bank: Shape: V - shape		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐	
Right Bank: Rip.Veg: Mixed C/D		Stage: Mature forest		Rock ☐		Manmade ☐		Crown Closure	
Left Bank: Rip.Veg:		Stage: Pole-sapling stage		Rock ☐		Manmade ☐		1-20%	
				Instream Veg: None ☐		Algae ☐		Moss ☐	
								Vascular ☒	
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
224	EF	1	100	223 sec	600	DV	8	60	110

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-75300-00000-00000-00000-00000-00000-00000

Reach # 4.0 ILP Map # ILP # Site 224

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-00000-00000-00000-00000-00000-00000
Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 480-195700-75300-00000-00000-00000-00000-00000-00000-00000
ILP Map#: ILP #: NID Map #: 093M.094 NID #: 20024 Reach #: 4.0 Site #: 224
Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: HC Access: H
GIS UTM (Z.E.N): 9.605510.6197095 Ref. Name:
Date: 2001/08/07 Time: 14:30 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	MS	1.10	1.20	1.40	2.10	1.80	1.60					1.53	Method I:	8.0	10.0	C	9.00
Wetted Width (m):	MS	1.00	1.00	1.30	1.30	1.50	1.40					1.25	Method II:			C	
Pool Depth (m):	MS	0.50	0.60	0.40	0.40	0.50	0.20					0.43					

Wb Depth: .5 .6 .5 Avg: 0.53 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	S	N	N	S	D	N
Loc: P/S/O:	☐	☒	☐	☐	☒	☒	☐

LWD: F DIST: C

LB SHP: V

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: D

STG: PS

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☐ A ☐ M ☐ V ☒

RB SHP: V

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Temp: 6 Method: T4 Req #: Cond.: 40 Method: S3
pH: 7.5 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: Rafted debris Method: GE

MORPHOLOGY

Bed Material: Dominant: C Subdom: G O1 B1 B2 B3 D1 D2 D3
D95: 30.0 D (cm): 10.0 Morph: CP DISTURBANCE INDICATORS
Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐ Bars: N ☒ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
Overwinter Habitat	None observed
Rearing Habitat	Moderate - associated with cover/flows/access
Spawning Habitat	Moderate - associated with gravels/flows

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 22 F: 16 STD U			Upstream photo of fish capture location
R: 22 F: 17 STD D			Downstream photo of cascade/pool habiat with functional LWD

Shelagyote River Planning Area

Reach #	ILP Map #	ILP #	Site
4.0			224

COMMENTS	
Section	Comments
SITE CARD	Site located at bottom of steep gradient section
CHANNEL	DV captured

FDIS Fish Card

Shelagyte River Planning Area

Watershed Code: 480-195700-75300-00000-0000-0000-000-000-000-000-000

Reach # 4.0
ILP Map #
ILP #

WATERBODY

Gazetted Name: Local: None
Project Code: 480-000000-00000-00000-0000-0000-000-000-000-0
WS Code: 480-195700-75300-00000-0000-0000-000-000-000-000-000
Waterbody ID: ILP Map #: ILP #: Reach #: 4 -
Project ID: 1550 Lake/Stream: S Lake From Date:

Fish Permit #: 145084K Date: 2001/08/07 To: 2001/08/07 Agency: C172 Crew: JH/JA Resample: ☐

SITE / METHOD

Site#	NID Map	NID #	UTM:Zone/East/North/Mhd	MTD/NO	Temp	Cond	Turbid	Comment
224	093M.094	20024		GPU EF 1	6	40	C	

A. GEAR SETTINGS

Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment
224	EF 1	1	2001/08/07	14:30	2001/08/07	15:00	

C. ELECTROFISHER SPECIFICATIONS

Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model
224	EF	1	1	O	223	100.0	1.5	600	60	6	SMITH ROOT 12B

FISH SUMMARY

Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment
224	EF	1	1	DV	A	3+	1 110 110	R	
224	EF	1	1	DV	J	2+	3 80 90	R	
224	EF	1	1	DV	J	1+	4 60 70	R	

INDIVIDUAL FISH DATA

Site#	MTD/NO	H/P	Species	Length	Weight	Sex	Mat	Age	Vch#	Genetic	Roll #	Frame#	Comment
								Str/Smpl#		Str/Smpl#			
224	EF	1	1	DV	60		U	U					
224	EF	1	1	DV	60		U	U					
224	EF	1	1	DV	70		U	U					
224	EF	1	1	DV	70		U	U					
224	EF	1	1	DV	90		U	U					
224	EF	1	1	DV	90		U	U					
224	EF	1	1	DV	80		U	U					
224	EF	1	1	DV	110		U	U					



Site #224, Upstream photo of fish capture location.
Roll #22, Frame #16, Date: 2001/08/07



Site #224, Downstream photo of cascade/pool habitat with functional LWD.
Roll #22, Frame #17, Date: 2001/08/07

FDIS Reach/Site Summary

Shelagyte River Planning Area

Reach # ILP Map # ILP #

Watershed Code: 480-195700-00000-00000-0000-000-000-000-000-000-000

10.0

STREAM REFERENCING											
Gazetted Name: SHELAGYOTE RIVER						Local Name:					
Watershed Code: 480-195700-00000-00000-0000-000-000-000-000-000-000						ILP Map #:		ILP #:			
REACH											
Reach #: 10.0		UTM(Zone/East/North): 9.599531.6199293				Sample Type: Random					
Length (km): .87		Coupling: Coupled		Magnitude: 21		BGC Zone: ESSF					
Gradient (%): 9.9		Confinement: Occasionally Conf		Order: 3		Open water: Absent					
US Elev (m): 1291		Islands: NONE		Riparian Vegetation: Coniferous							
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural											
SITE											
Site #: 27		Field UTM 9.598833.6199623		Agency: C172		Crew: JD/EL		Date: 2001/08/07			
Site Length (m): 300		GIS UTM 9.599850.6199215		Agency Name: Triton Environmental Consultants (Terrace)							
CHANNEL											
No Vis.Ch.: ☐		Intermittent: ☐				Avg		Min		Max	
Dewatered: ☐		Tribes.: ☐									
Stage: Low ☐				Channel Width (m):		7.17		6		8	
Med ☒				Wetted Width (m):		7.17		6		8	
High ☐				Bankfull Depth (m):		0.40		0.4		0.4	
		Temp (C): 5		pH: 7.4		Conductivity: 40					
								Turbidity: Turbid ☐		Low ☐	
								Moderate ☐		Clear ☒	
MORPHOLOGY											
Bed Material: Dominant: Cobble		D95 (cm): 62.00		Bars: Non ☐		Side ☒		Diagonal ☐		Mid-channel ☒	
Subdominant: Gravels		D (cm): 17.00								Span ☐	
Channel Pattern: Sinuous		Islands: Irregular		DISTURBANCE		O1		B1		B2	
Coupling: Coupled				INDICATORS						D3	
Confinement: Occasionally Confine				C1		C2		C3		C4	
Morphology: RP Riffle Pool										S5	
COVER											
Total Cover: Abundant		Type: SWD		LWD		B		U		DP	
LWD: Few		Amount: T		T		D		T		S	
LWD Dist: Evenly Distributed		Location: P/S/O:		☒		☒		☒		☒	
				☒		☒		☒		☒	
Right Bank: Shape: Sloping (g)		Texture: Fines ☒		Gravel ☐		Cobble ☒		Boulder ☐		Rock ☐	
Left Bank: Shape: Sloping (g)		Texture: Fines ☒		Gravel ☐		Cobble ☒		Boulder ☐		Rock ☐	
Right Bank: Rip.Veg: Mixed C/D		Stage: Mature forest								Crown Closure	
Left Bank: Rip.Veg:		Stage: Mature forest								1-20%	
		Instream Veg: None ☒		Algae ☐		Moss ☐		Vascular ☐			

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-00000-00000-0000-000-000-000-000-000-000

Reach # ILP Map # ILP #
10.0

SITE															
Site #: 225		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/07							
Site Length (m): 210		GIS UTM 9.600113.6199119		Agency Name: Triton Environmental Consultants (Terrace)											
CHANNEL															
No Vis.Ch.: ☐		Intermittent: ☐				Avg		Min		Max		#			
Dewatered: ☐		Tribes.: ☐				Channel Width (m):		8.05		7.400		9.100		6	
Stage: Low ☐						Wetted Width (m):		7.38		6.800		8		6	
Med ☒						Bankfull Depth (m):		0.80		0.7		0.9		3	
High ☐		Temp (C): 6		pH: 7.5		Conductivity: 30									
												Avg		Min	
												Gradient %:		6	
												Pool Depth (m):		0.70	
														0.400	
														0.9	
														6	
Turbidity.: Turbid ☐ Low ☐															
Moderate ☐ Clear ☒															
MORPHOLOGY															
Bed Material: Dominant: Boulders		D95 (cm): 110.00		Bars: Non ☒		Side ☐		Diagonal ☐		Mid-channel ☐		Span ☐			
Subdominant: Cobble		D (cm): 30.00												Braid ☐	
Channel Pattern: Irregular, Wandering		Islands: None		DISTURBANCE		O1		B1		B2		B3		D1	
Coupling: Partially Coupled				INDICATORS		☐		☐		☐		☐		☐	
Confinement: Frequently Confined						C1		C2		C3		C4		C5	
Morphology: CP Cascade Pool						☐		☐		☐		☐		☐	
						S1		S2		S3		S4		S5	
						☐		☐		☐		☐		☐	
COVER															
Total Cover: Moderate		Type: SWD		LWD		B		U		DP		OV		IV	
LWD: None		Amount: N		N		D		N		S		N		N	
LWD Dist: Not Applicable		Location: P/S/O:		☐		☐		☒		☐		☒		☐	
														FSZ: ☐	
Right Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☐		Boulder ☐		Rock ☐		Manmade ☐		Crown Closure	
Left Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☐		Boulder ☐		Rock ☒		Manmade ☐		0%	
Right Bank: Rip.Veg: Deciduous		Stage: Pole-sapling stage													
Left Bank: Rip.Veg:		Stage: Shrub/herb stage		Instream Veg: None ☒		Algae ☐		Moss ☐		Vascular ☐					
FEATURES															
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo			AirPhoto			UTM (Z/E/N)		
093M.094	21004	F	40.0	GE	10	GE	R: 22	F: 18	L:					9.600199.6198	
Comments: Shely Falls															
FISH															
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)						
27	EF	1	300	368 sec	900	NFC	0								
225	EF	1	210	793 sec	600	NFC	0								

FDIS Site Card

Shelagyte River Planning Area

Watershed Code: 480-195700-00000-00000-0000-000-000-000-000-000-000

Reach # 10.0 ILP Map # ILP # Site 225

PROJECT

Project Name: Shelagyte Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000

Project Code: 1550

WATERSHED

Gazetted Name: SHELAGYTE RIVER Local Name: Shelagyte River
Watershed Code: 480-195700-00000-00000-0000-000-000-000-000-000-000
ILP Map#: ILP #: NID Map #: 093M.094 NID #: 20025 Reach #: 10.0 Site #: 225
Field UTM (Z.E.N): ... Method: Site Lg: 210 Method: MAP Access: H
GIS UTM (Z.E.N): 9.600113.6199119 Ref. Name:
Date: 2001/08/07 Time: 15:20 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	MS	7.80	8.20	9.10	7.40	8.30	7.50					8.05				
Wetted Width (m):	MS	7.60	8.00	6.80	7.00	7.90	7.00					7.38	Method I:	6.0	6.0	C 6.00
Pool Depth (m):	MS	0.90	0.80	0.70	0.90	0.40	0.50					0.70	Method II:	7.0	5.0	C

Wb Depth: .9 .8 .7 Avg: 0.80 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	N	D	N	S	N	N
Loc: P/S/O:	☐	☐	☒	☐	☒	☐	☐

CROWN CLOSURE
0 0%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

LWD: N DIST: NA

LB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☒ A ☐

RIP: S

STG: SHR

RB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: D

STG: PS

WATER

EMS: Temp: 6 Method: T4 Req #: Cond.: 30 Method: S3
pH: 7.5 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: None Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C O1 B1 B2 B3 D1 D2 D3
D95: 110.0 D (cm): 30.00 Morph: CP DISTURBANCE INDICATORS
Pattern: IR C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐
Bars: N ☒ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR ☐

FEATURES

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)	Method
093M.094	21004	F	40.0	GE	10	GE	R: 22 F: 18 L: #:		9.600199.6198937	GIS

Comments: Shely Falls

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Low
Rearing Habitat	Moderate-associated with plunge pools/cover
Spawning Habitat	Low-associated with gravels, limited by flows/resting/substrates/access

Shelagyote River Planning Area

Reach #	ILP Map #	ILP #	Site
10.0			225

PHOTOS						
Photo		Foc Lg		Dir	Comments	
R:	22	F:	18	STD	D	Photo of Shelagyote River falls
R:	22	F:	19	STD	U	Upstream photo towards Shelagyote River headwaters
R:	22	F:	20	STD	D	Downstream photo towards helicopter

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-00000-00000-0000-0000-000-000-000-000-000

Reach # 10.0
ILP Map #
ILP #

WATERBODY													
Gazetted Name: SHELAGYOTE RIVER						Local: Shelagyote River							
Project Code: 480-000000-00000-00000-0000-000-000-000-000-000-0													
WS Code: 480-195700-00000-00000-0000-000-000-000-000-000-000													
Waterbody ID:				ILP Map #:				ILP #:		Reach #: 10 -			
Project ID: 1550				Lake/Stream: S				Lake From Date:					
Fish Permit #: 145084K			Date: 2001/08/07			To: 2001/08/07			Agency: C172		Crew: JD/EL		Resample: ☐
SITE / METHOD													
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment			
225	093M.094	20025				GPU EF 1	6	30	L				
27	093M.093	22027				GPU EF 1	5	40	C				
A. GEAR SETTINGS													
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment						
27	EF	1	2001/08/07	15:15	2001/08/07	16:00							
225	EF	1	2001/08/07	15:20	2001/08/07	16:40							
C. ELECTROFISHER SPECIFICATIONS													
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model		
27	EF	1	1	O	368	300.0	6.0	900	60	6	SMITH ROOT	12B	
225	EF	1	1	O	793	210.0	7.0	600	60	6	SMITH ROOT	12B	
FISH SUMMARY													
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment				
27	EF	1	1	NFC		0							
225	EF	1	1	NFC		0							



Site #225, Photo of Shelagyote River falls.
Roll #22, Frame #18, Date: 2001/08/07



Site #225, Upstream photo towards Shelagyote River headwaters.
Roll #22, Frame #19, Date: 2001/08/07



Site #225, Downstream photo towards helicopter.
Roll #22, Frame #20, Date: 2001/08/07

FDIS Reach/Site Summary

Shelagyote River Planning Area

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

Reach # 1.0 ILP Map # 093M.094 ILP # 11529

STREAM REFERENCING									
Gazetted Name:					Local Name:				
Watershed Code: 000-000000-00000-00000-0000-000-000-000-000-000-000					ILP Map #: 093M.094		ILP #: 11529		
REACH									
Reach #: 1.0		UTM(Zone/East/North): 9.600603.6202350				Sample Type: Biased			
Length (km): .95		Coupling: Coupled		Magnitude: 8		BGC Zone: ESSF			
Gradient (%): 17.1		Confinement: Frequently Confin		Order: 2		Open water: Absent			
US Elev (m): 1190		Islands: NONE		Riparian Vegetation: Coniferous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 226		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/08	
Site Length (m): 240		GIS UTM 9.600901.6202021		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max	
Dewatered: ☐		Tribes.: ☐		Channel Width (m): 0.92		0.600		1.3	
Stage: Low ☐				Wetted Width (m): 0.90		0.7		1.200	
Med ☐				Bankfull Depth (m): 0.47		0.4		0.5	
High ☒		Temp (C): 5		pH: 7.5		Conductivity: 40			
								Turbidity: Turbid ☐ Low ☐	
								Moderate ☐ Clear ☒	
MORPHOLOGY									
Bed Material: Dominant: Cobble		D95 (cm): 50.00		Bars: Non ☒		Side ☐		Diagonal ☐	
Subdominant: Gravels		D (cm): 10.00				Mid-channel ☐		Span ☐	
Channel Pattern: Sinuous		Islands: None		DISTURBANCE		O1		B1	
Coupling: Partially Coupled				INDICATORS		B2		B3	
Confinement: Frequently Confined						D1		D2	
Morphology: CP Cascade Pool						D3			
				C1		C2		C3	
				C4		C5		S1	
				S2		S3		S4	
				S5					
COVER									
Total Cover: Moderate		Type: SWD		LWD		B		U	
LWD: Few		Amount: T		S		N		N	
LWD Dist: Clumped		Location: P/S/O: ☒		☒		☐		☐	
		☐		☐		☐		☐	
Right Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☐		Boulder ☐	
Left Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☐		Boulder ☐	
Right Bank: Rip.Veg: Mixed C/D		Stage: Mature forest		Instream Veg: None ☒		Algae ☐		Moss ☐	
Left Bank: Rip.Veg:		Stage: Mature forest				Vascular ☐			
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
226	EF	1	240	241 sec	600	NFC	0		

FDIS Site Card

Shelagyote River Planning Area

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

Reach # 1.0 ILP Map # 093M.094 ILP # 11529 Site # 226

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-0000-000-000-000-000-000

Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000
ILP Map#: 093M.094 ILP #: 11529 NID Map #: 093M.094 NID #: 20226 Reach #: 1.0 Site #: 226
Field UTM (Z.E.N): ... Method: Site Lg: 240 Method: MAP Access: H
GIS UTM (Z.E.N): 9.600901.6202021 Ref. Name:
Date: 2001/08/08 Time: 09:15 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg
Channel Width (m):	MS	1.30	1.00	0.80	0.60	0.80	1.00					0.92
Wetted Width (m):	MS	1.20	1.00	0.80	0.70	0.80	0.90					0.90
Pool Depth (m):	MS	0.30	0.20	0.30	0.20	0.30	0.30					0.27

	Gradient %	Mtd	Avg
Method I:	15.0	17.0	C
Method II:	18.0	14.0	C

Wb Depth: .4 .5 .5 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:	T	S	N	N	D	T	N
Loc: P/S/O:	☒	☒	☐	☐	☒	☒	☐

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

LWD: F DIST: C

LB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

RB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS:
Temp: 5
pH: 7.5
Flood Signs: None

Method: T4
Method: P2
Method: GE

Req #:
Cond.: 40
Turb.: T ☐ M ☐ L ☐ C ☒
Method: S3
Method: GE

MORPHOLOGY

Bed Material: Dominant: C Subdom: G
D95: 50.0 D (cm): 10.00 Morph: CP
Pattern: SI
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐

DISTURBANCE INDICATORS
O1 B1 B2 B3 D1 D2 D3
☐ ☐ ☐ ☐ ☐ ☐ ☐
C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Bars: N ☒ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	None observed
Rearing Habitat	Low-associated with cover/pools
Spawning Habitat	Low-patches of gravel present, limited by gradient

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 22 F: 21	STD	U	Upstream photo of high gradient section with high debris
R: 22 F: 22	STD	D	Downstream photo of high gradient section with high avalanche debris

FDIS Site Card

Shelagyote River Planning Area

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

Reach #	ILP Map #	ILP #	Site
1.0	093M.094	11529	226

COMMENTS	
Section	Comments
CHANNEL	9 600861 6202021 23% for 40 m NFC upstream
CHANNEL	20% sections. Stream is in an avalanche track.
CHANNEL	No fish caught

FDIS Fish Card

Shelagyote River Planning Area

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

Reach # 1.0
ILP Map # 093M.094
ILP # 11529

WATERBODY

Gazetted Name: _____ Local: None
Project Code: 480-000000-00000-00000-0000-000-000-000-000-000-0
WS Code: 000-000000-00000-00000-0000-000-000-000-000-000-000
Waterbody ID: _____ ILP Map #: 093M.094 ILP #: 11529 Reach #: 1 -
Project ID: 1550 Lake/Stream: S Lake From Date: _____

Fish Permit #: 145084K Date: 2001/08/08 To: 2001/08/08 Agency: C172 Crew: JH/JA Resample: ☐

SITE / METHOD

Site#	NID Map	NID #	UTM:Zone/East/North/Mhd	MTD/NO	Temp	Cond	Turbid	Comment
226	093M.094	20026		GPU EF 1	5	40	C	

A. GEAR SETTINGS

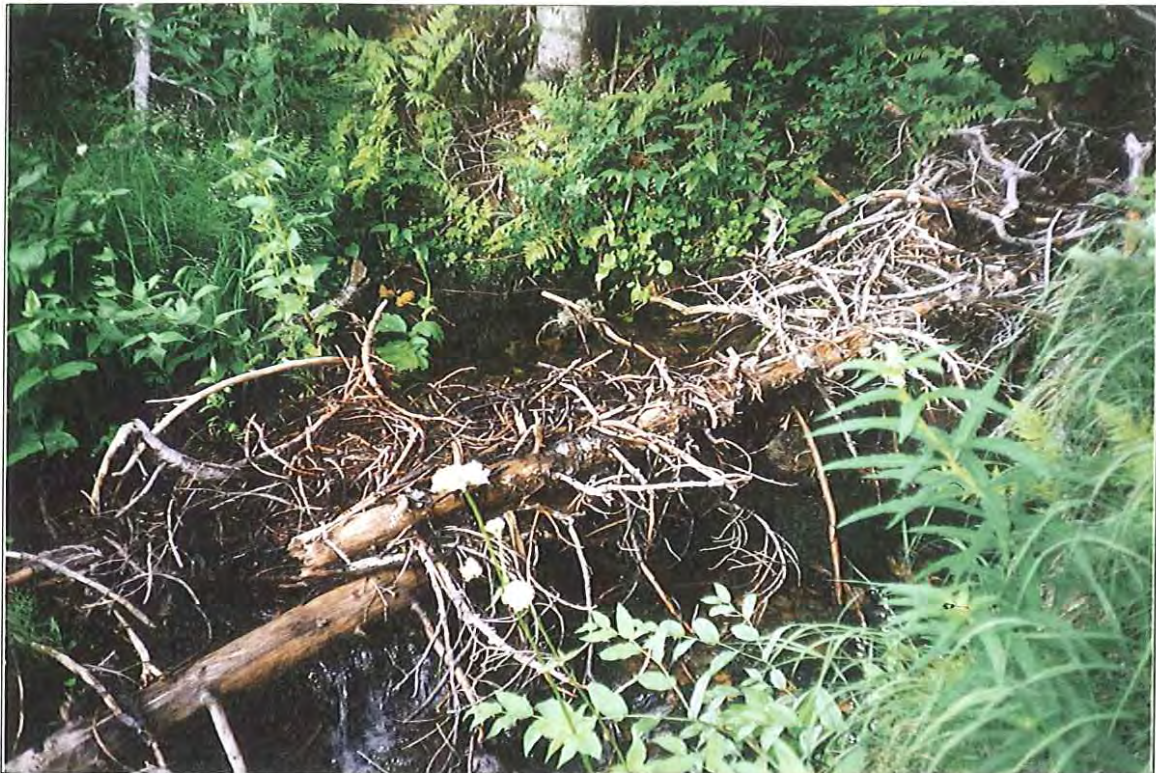
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment
226	EF	1	1	2001/08/08	09:00	2001/08/08	09:45

C. ELECTROFISHER SPECIFICATIONS

Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model
226	EF	1	1	O	241	240.0	1.0	600	60	6	SMITH ROOT

FISH SUMMARY

Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment
226	EF	1	1	NFC		0			



Site #226, Upstream photo of high gradient section with high debris.
Roll #22, Frame #21, Date: 2001/08/08



Site #226, Downstream photo of high gradient section with high avalanche debris.
Roll #22, Frame #22, Date: 2001/08/08

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-80300-52200-0000-0000-000-000-000-000-000

Reach # ILP Map # ILP #
1.0

STREAM REFERENCING									
Gazetted Name:					Local Name:				
Watershed Code: 480-195700-80300-52200-0000-0000-000-000-000-000-000					ILP Map #:		ILP #:		
REACH									
Reach #: 1.0		UTM(Zone/East/North): 9.606795.6204310				Sample Type: Random			
Length (km): .39		Coupling: Partially Couple		Magnitude: 43		BGC Zone: SBS			
Gradient (%): 5.1		Confinement: Confined		Order: 4		Open water: Absent			
US Elev (m): 1049		Islands: NONE		Riparian Vegetation: Coniferous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 227		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/08	
Site Length (m): 495		GIS UTM 9.606654.6204114		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max	
Dewatered: ☐		Tribes.: ☐		Channel Width (m): 8.18		6.800		9.300	
Stage: Low ☐				Wetted Width (m): 7.80		6.300		9	
Med ☐				Bankfull Depth (m): 0.47		0.4		0.6	
High ☒		Temp (C): 4		pH: 7.4		Conductivity: 30		Turbidity: Turbid ☐ Low ☐	
								Moderate ☐ Clear ☒	
MORPHOLOGY									
Bed Material: Dominant: Boulders		D95 (cm): 40.00		Bars: Non ☐		Side ☒		Diagonal ☐ Mid-channel ☐ Span ☐	
Subdominant: Cobble		D (cm): 10.00						Braid ☐	
Channel Pattern: Irregular, Wandering		Islands: None		DISTURBANCE		O1		B1 B2 B3 D1 D2 D3	
Coupling: Partially Coupled				INDICATORS		☐		☐	
Confinement: Frequently Confined				C1 C2 C3 C4 C5 S1 S2 S3 S4 S5		☐		☐	
Morphology: RP Riffle Pool						☐		☐	
COVER									
Total Cover: Moderate		Type: SWD LWD B U DP OV IV							
LWD: None		Amount: N N T T D S N							
LWD Dist: Not Applicable		Location: P/S/O: ☐		☒		☒		☒	
Right Bank: Shape: V - shape		Texture: Fines ☐ Gravel ☒ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐						FSZ: ☐	
Left Bank: Shape: V - shape		Texture: Fines ☐ Gravel ☒ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐						Crown Closure 1-20%	
Right Bank: Rip.Veg: Mixed C/D		Stage: Mature forest							
Left Bank: Rip.Veg:		Stage: Mature forest		Instream Veg: None ☒ Algae ☐ Moss ☐ Vascular ☐					
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
227	EF	1	495	672 sec	700	NFC	0		

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-80300-52200-0000-0000-000-000-000-000-000

Reach # 1.0 ILP Map # ILP # Site 227

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-0000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 480-195700-80300-52200-0000-0000-000-000-000-000-000
ILP Map#: ILP #: NID Map #: 093M.094 NID #: 20027 Reach #: 1.0 Site #: 227
Field UTM (Z.E.N): .. Method: Site Lg: 495 Method: MAP Access: H
GIS UTM (Z.E.N): 9.606654.6204114 Ref. Name:
Date: 2001/08/08 Time: 10:05 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	MS	9.30	7.60	8.20	8.00	6.80	9.20					8.18	Method I:	4.0	3.0	C	3.50
Wetted Width (m):	MS	8.40	7.70	8.00	7.40	6.30	9.00					7.80	Method II:			C	
Pool Depth (m):	MS	0.50	0.60	0.50	0.30	0.40	0.60					0.48					

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

COVER Total: M

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	N	N	T	T	D	S	N
Loc: P/S/O:	☐	☐	☒	☒	☒	☒	☐

LWD: N DIST: NA

LB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

RB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Temp: 4 Method: T4 Req #: Cond.: 30 Method: S3
pH: 7.4 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: Rafted debris Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C O1 B1 B2 B3 D1 D2 D3
D95: 40.0 D (cm): 10.00 Morph: RP DISTURBANCE INDICATORS
Pattern: IR C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐ Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Possible perennial flows
Rearing Habitat	Moderate-good in pools present limited by high percentage of riffles
Spawning Habitat	Low-limited by gravel/cobble sizes, high percentage of riffles

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 22 F: 23	STD	U	Upstream photo towards headwaters
R: 22 F: 24	STD	D	Downstream photo down the valley

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-80300-52200-0000-0000-000-000-000-000-000

Reach #	ILP Map #	ILP #	Site
1.0			227

COMMENTS	
Section	Comments
CHANNEL	No fish caught

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-80300-52200-0000-0000-000-000-000-000-000

Reach # 1.0
ILP Map #
ILP #

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0															
WS Code: 480-195700-80300-52200-0000-0000-000-000-000-000-000															
Waterbody ID:										ILP Map #:		ILP #:		Reach #: 1 -	
Project ID: 1550										Lake/Stream: S		Lake From Date:			
Fish Permit #:		145084K		Date: 2001/08/08		To: 2001/08/08		Agency: C172		Crew: JH/JA		Resample: ☐			
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO		Temp	Cond	Turbid	Comment				
227	093M.094	20027				GPU	EF	1	4	30	C				
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
227	EF	1	2001/08/08	10:00	2001/08/08	10:40									
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
227	EF	1	1	O	672	495.0	7.0	700	J	7	SMITH ROOT	12B			
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment						
227	EF	1	1	NFC		0									



Site #227, Upstream photo towards headwaters.
Roll #22, Frame #23, Date: 2001/08/08



Site #227, Downstream photo down the valley.
Roll #22, Frame #24, Date: 2001/08/08

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-80300-00000-0000-0000-000-000-000-000

Reach # ILP Map # ILP #

6.0

STREAM REFERENCING									
Gazetted Name:					Local Name:				
Watershed Code: 480-195700-80300-00000-0000-0000-000-000-000-000					ILP Map #:		ILP #:		
REACH									
Reach #: 6.0		UTM(Zone/East/North): 9.606345.6204763				Sample Type: Biased			
Length (km): .84		Coupling: Partially Couple		Magnitude: 37		BGC Zone: SBS			
Gradient (%): 6.5		Confinement: Frequently Confin		Order: 4		Open water: Absent			
US Elev (m): 1092		Islands: NONE		Riparian Vegetation: Coniferous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 228		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/08	
Site Length (m): 320		GIS UTM 9.606532.6204151		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max	
Dewatered: ☐		Tribes.: ☐		#					
Stage: Low ☐		Channel Width (m): 7.50		5.5		9.4		6	
Med ☒		Wetted Width (m): 7.27		5.5		9.300		6	
High ☐		Bankfull Depth (m): 0.53		0.5		0.6		3	
Temp (C): 5		pH: 7.6		Conductivity: 40		Avg		Min	
						Gradient %: 5.50		5	
						Pool Depth (m): 0.65		0.5	
						Turbidity: Turbid ☐		Low ☐	
						Moderate ☐		Clear ☒	
MORPHOLOGY									
Bed Material: Dominant: Boulders		D95 (cm): 14.00		Bars: Non ☐		Side ☒		Diagonal ☐	
Subdominant: Cobble		D (cm): 60.00		Mid-channel ☐		Span ☐		Braid ☐	
Channel Pattern: Sinuous		Islands: None		DISTURBANCE INDICATORS					
Coupling: Partially Coupled				O1 B1 B2 B3 D1 D2 D3					
Confinement: Frequently Confined				C1 C2 C3 C4 C5 S1 S2 S3 S4 S5					
Morphology: CP Cascade Pool									
COVER									
Total Cover: Moderate		Type: SWD LWD B U DP OV IV							
LWD: Few		Amount: N T S T D N N							
LWD Dist: Clumped		Location: P/S/O:		FSZ: ☐					
Right Bank: Shape: V - shape		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐	
Left Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☐		Boulder ☐	
Right Bank: Rip.Veg: Mixed C/D		Stage: Mature forest		Rock ☐		Manmade ☐		Crown Closure 1-20%	
Left Bank: Rip.Veg:		Stage: Mature forest		Instream Veg: None ☒		Algae ☐		Moss ☐	
				Vascular ☐					
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
228	EF	1	320	329 sec	600	NFC	0		

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-80300-00000-0000-0000-000-000-000-000

Reach # 6.0 ILP Map # ILP # Site 228

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: Local Name: None
Watershed Code: 480-195700-80300-00000-0000-0000-000-000-000-000-000-000
ILP Map#: ILP #: NID Map #: 093M.094 NID #: 20028 Reach #: 6.0 Site #: 228
Field UTM (Z.E.N): .. Method: Site Lg: 320 Method: MAP Access: H
GIS UTM (Z.E.N): 9.606532.6204151 Ref. Name:
Date: 2001/08/08 Time: 10:45 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg
Channel Width (m):	MS	9.30	8.70	9.40	6.20	5.90	5.50					7.50
Wetted Width (m):	MS	8.00	9.10	9.30	6.00	5.70	5.50					7.27
Pool Depth (m):	MS	0.60	0.70	0.80	0.60	0.70	0.50					0.65

	Gadient %		Mtd	Avg
Method I:	6.0	5.0	C	5.50
Method II:			C	

Wb Depth: .5 .5 .6 Avg: 0.53 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	S	T	D	N	N
Loc: P/S/O:	☐	☒	☒	☒	☒	☐	☐

LWD: F DIST: C

LB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

RB SHP: V

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Temp: 5 Method: T4 Req #: Cond.: 40 Method: S3
pH: 7.6 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: None Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C O1 B1 B2 B3 D1 D2 D3
D95: 14.0 D (cm): 60.00 Morph: CP DISTURBANCE INDICATORS
Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐ Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
Overwinter Habitat	Potential in deep pools
Rearing Habitat	Low-associated with plunge pools (LWD and D95). Good cover/depth within pools.
Spawning Habitat	Low-limited by substrate size and velocity

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 23 F: 1	STD	U	Upstream photo of cascade/pool section with functioning LWD/D95
R: 23 F: 2	STD	D	Downstream photo of cascade/pool section with limited resting

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-80300-00000-0000-0000-000-000-000-000

Reach #	ILP Map #	ILP #	Site
6.0			228

COMMENTS	
Section	Comments
CHANNEL	No fish caught

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-80300-00000-0000-0000-000-000-000-000-000

Reach # 6.0 ILP Map # ILP #

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0															
WS Code: 480-195700-80300-00000-0000-0000-000-000-000-000-000															
Waterbody ID:										ILP Map #:		ILP #:		Reach #: 6 -	
Project ID: 1550										Lake/Stream: S		Lake From Date:			
Fish Permit #:		145084K		Date: 2001/08/08		To: 2001/08/08		Agency: C172		Crew: JH/JA		Resample: ☐			
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment					
228	093M.094	20028				GPU EF 1	5	40	C						
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
228	EF	1	2001/08/08	10:45	2001/08/08	11:05									
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
228	EF	1	1	O	329	320.0	7.0	600	60	6	SMITH ROOT	12B			
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment						
228	EF	1	1	NFC		0									



Site #228, Upstream photo of cascade/pool section with functioning LWD/D95.
Roll #23, Frame #1, Date: 2001/08/08



Site #228, Downstream photo of cascade/pool section with limited resting.
Roll #23, Frame #2, Date: 2001/08/08

FDIS Reach Card

Shelagyote River Planning Area

Watershed Code: 480-195700-80300-52200-0000-0000-000-000-000-000-000

Reach # 2.0
ILP Map #
ILP #

PROJECT									
Project Name: Shelagyote Inventory					Project Code: 1550				
Stream Name (gaz.): BABINE RIVER									
Project Watershed Code: 480-000000-00000-00000-0000-0000-000-000-000-000-000									
WATERSHED									
Reach Watershed Code: 480-195700-80300-52200-0000-0000-000-000-000-000-000									
ILP Map #:	ILP #:	Reach #:	2.0	NID Map #:	093M.094	NID #:	11441		
Air Photos		Names			UTM(Zone/East/North/Method)				
LINE: 30BCB92072		Gaz.:			9.607477.6205048				
#: 191		Local:			Sample Type: B Welland: ☐				
SURVEY INFO									
Date: 2001/07/11			Agency: C172			Crew: JH/JA			
ATTRIBUTES									
Length (km): 1.03	Gradient: 7.67	Setting: VF	DISTURBANCE INDICATORS						
DS Elev.: 1049	Order: 3	Open water: A	O1	B1	B2	B3	D1	D2	D3
US Elev.: 1128	Magnitude: 23	Confinement: OC	C1	C2	C3	C4	C5	S1	S2
	BGC Zone: SBS	Coupling: PC						S3	S4
Valley Flat: B	C/D: D								
Active Floodplain Visible: ☐	Est. Width:	Islands: N	Bars: ☒ N	☐ SIDE	☐ DIAG	☐ MID	☐ SPAN	☐ BR	
Channel Pattern: ST		Mass Movement: L	Exposed/Eroded: NS				Landuse: NO		
		Riparian Veg.: C							

MAPS		
Map Type	Map #	Year
TRIM	093M.094	1995

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-80300-52200-0000-0000-000-000-000-000-000

Reach # 2.0
ILP Map #
ILP #

WATERBODY													
Gazetted Name:						Local: None							
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0													
WS Code: 480-195700-80300-52200-0000-0000-000-000-000-000-000													
Waterbody ID:						ILP Map #:		ILP #:		Reach #: 2 -			
Project ID: 1550						Lake/Stream: S		Lake From Date:					
Fish Permit #: 145084K			Date: 2001/08/08		To: 2001/08/08		Agency: C172		Crew: JH/JA		Resample: ☐		
SITE / METHOD													
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment			
229	093M.094	20029				GPU EF 1	5	30	C				
A. GEAR SETTINGS													
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment						
229	EF	1	1	2001/08/08	11:15	2001/08/08	11:45						
C. ELECTROFISHER SPECIFICATIONS													
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model		
229	EF	1	1	O	480	300.0	3.0	600	60	6	SMITH ROOT	12B	
FISH SUMMARY													
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment				
229	EF	1	1	NFC		0							

FDIS Reach Card

Shelagyote River Planning Area

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

Reach # 1.0
ILP Map # 093M.094
ILP # 11468

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000

Project Code: 1550

WATERSHED

Reach Watershed Code: 000-000000-00000-00000-0000-000-000-000-000-000-000
ILP Map #: 093M.094
ILP #: 11468
Reach #: 1.0
NID Map #: 093M.094
NID #: 11478
Air Photos
LINE: 30BCB92072
#: 191
Gaz.:
Local:
Names
UTM(Zone/East/North/Method)
9.607596.6204691
Sample Type: B
Wetland: ☐

SURVEY INFO

Date: 2001/07/11
Agency: C172
Crew: JH/JA

ATTRIBUTES

Length (km): .91
DS Elev.: 1044
US Elev.: 1107
Gradient: 6.92
Order: 3
Magnitude: 20
BGC Zone: SBS
Setting: VF
Open water: A
Confinement: OC
Coupling: PC
DISTURBANCE INDICATORS
O1 B1 B2 B3 D1 D2 D3
☐ ☐ ☐ ☐ ☐ ☐ ☐
C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Valley Flat: B
Active Floodplain Visible: ☐
Channel Pattern: SI
C/D: D
Est. Width:
Islands: N
Bars: ☒ N ☐ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR
Mass Movement: L
Riparian Veg.: C
Exposed/Eroded: NS
Landuse: NO

MAPS

Map Type	Map #	Year
TRIM	093M.094	1995

FDIS Fish Card

Shelagyote River Planning Area

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

Reach # 1.0 ILP Map # 093M.094 ILP # 11468

WATERBODY

Gazetted Name: Local: None
 Project Code: 480-000000-00000-00000-0000-000-000-000-000-0
 WS Code: 000-000000-00000-00000-0000-000-000-000-000-000
 Waterbody ID: ILP Map #: 093M.094 ILP #: 11468 Reach #: 1 -
 Project ID: 1550 Lake/Stream: S Lake From Date:

Fish Permit #: 145084K Date: 2001/08/08 To: 2001/08/08 Agency: C172 Crew: JH/JA Resample: ☐

SITE / METHOD

Site#	NID Map	NID #	UTM:Zone/East/North/Mthd	MTD/NO	Temp	Cond	Turbid	Comment
230	093M.094	20030		GPU EF 1	4	30	C	

A. GEAR SETTINGS

Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment
230	EF 1	1	2001/08/08	11:50	2001/08/08	12:15	

C. ELECTROFISHER SPECIFICATIONS

Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model
230	EF 1	1	O	549	388.0	4.0	800	60	6	SMITH ROOT	12B

FISH SUMMARY

Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment
230	EF 1	1	NFC			0			

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000

Reach # ILP Map # ILP #

1.0

STREAM REFERENCING									
Gazetted Name:					Local Name:				
Watershed Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000					ILP Map #:		ILP #:		
REACH									
Reach #: 1.0		UTM(Zone/East/North): 9.607767.6196702				Sample Type: Biased			
Length (km): 1.48		Coupling: Decoupled		Magnitude: 49		BGC Zone: SBS			
Gradient (%): 3.2		Confinement: Occasionally Conf		Order: 3		Open water: Absent			
US Elev (m): 928		Islands: NONE		Riparian Vegetation: Deciduous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 231		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/08	
Site Length (m): 150		GIS UTM 9.607802.6195968		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max	
Dewatered: ☐		Trib.: ☐		Channel Width (m): 8.25		6.800		9.600	
Stage: Low ☐				Wetted Width (m): 8.28		7.2		9	
Med ☐				Bankfull Depth (m): 0.77		0.7		0.8	
High ☒		Temp (C): 6		pH: 7.4		Conductivity: 30		Turbidity: Turbid ☐ Low ☐	
								Moderate ☒ Clear ☐	
MORPHOLOGY									
Bed Material: Dominant: Boulders		D95 (cm): 95.00		Bars: Non ☒		Side ☐		Diagonal ☐	
Subdominant: Cobble		D (cm): 30.00				Mid-channel ☐		Span ☐	
Channel Pattern: Sinuous		Islands: None		DISTURBANCE		O1		B1	
Coupling: Decoupled				INDICATORS		B2		B3	
Confinement: Frequently Confined				C1		C2		C3	
Morphology: RP Riffle Pool				C4		C5		S1	
				C6		S2		S3	
				C7		S4		S5	
				C8		S6		S7	
				C9		S8		S9	
				C10		S10		S11	
COVER									
Total Cover: Moderate		Type: SWD		LWD		B		U	
LWD: Few		Amount: N		T		S		T	
LWD Dist: Clumped		Location: P/S/O:		☒		☒		☒	
				☒		☒		☒	
Right Bank: Shape: Undercut		Texture: Fines ☒		Gravel ☒		Cobble ☐		Boulder ☐	
Left Bank: Shape: Undercut		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐	
Right Bank: Rip.Veg: Mixed C/D		Stage: Mature forest		Rock ☐		Manmade ☐		Crown Closure	
Left Bank: Rip.Veg:		Stage: Mature forest		Rock ☐		Manmade ☐		1-20%	
				Instream Veg: None ☒		Algae ☐		Moss ☐	
								Vascular ☐	
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
231	EF	1	150	237 sec	600	ST	7	70	100
231	EF	1	150	237 sec	600	BT	5	70	90

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000

Reach # 1.0 ILP Map # ILP # Site 231

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000

Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000
ILP Map#: ILP #: NID Map #: 093M.084 NID #: 20031 Reach #: 1.0 Site #: 231
Field UTM (Z.E.N): ... Method: Site Lg: 150 Method: MAP Access: H
GIS UTM (Z.E.N): 9.607802.6195968 Ref. Name:
Date: 2001/08/08 Time: 12:40 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg
Channel Width (m):	MS	8.90	6.80	7.50	8.30	8.40	9.60					8.25
Wetted Width (m):	MS	8.80	7.20	7.80	8.30	8.60	9.00					8.28
Pool Depth (m):	MS	0.60	0.50	0.60	0.30	0.40	0.50					0.48

	Gadient %	Mtd	Avg
Method I:	3.0	4.0	C
Method II:			C

Wb Depth: .8 .7 .8 Avg: 0.77 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	S	T	D	T	N
Loc: P/S/O:	☐	☒	☒	☒	☒	☒	☐

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

LWD: F DIST: C

LB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

RB SHP: U

Texture: F ☒ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS:
Temp: 6
pH: 7.4
Flood Signs: None

Method: T4
Method: P2
Method: GE

Req #:

Cond.: 30

Method: S3

Turb.: T ☐ M ☒ L ☐ C ☐

Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C
D95: 95.0 D (cm): 30.00 Morph: RP
Pattern: SI
Islands: N
Coupling: DC
Confinement: FC
FSZ: ☐

DISTURBANCE INDICATORS

O1	B1	B2	B3	D1	D2	D3				
☐	☐	☐	☐	☐	☐	☐	☐			
C1	C2	C3	C4	C5	S1	S2	S3	S4	S5	
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Bars: N ☒ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Potential-deep pools/perennial flows
Rearing Habitat	Moderate-associated with pools, cover, flows, access
Spawning Habitat	Moderate-associated with adequate sized gravels (patchy)

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 23 F: 3 STD U			Upstream photo of typical habitat within site
R: 23 F: 4 STD D			Downstream photo of fish capture location

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000

Reach #	ILP Map #	ILP #	Site
1.0			231

COMMENTS	
Section	Comments
CHANNEL	BT/ST captured

FDIS Fish Card

Shelagyte River Planning Area

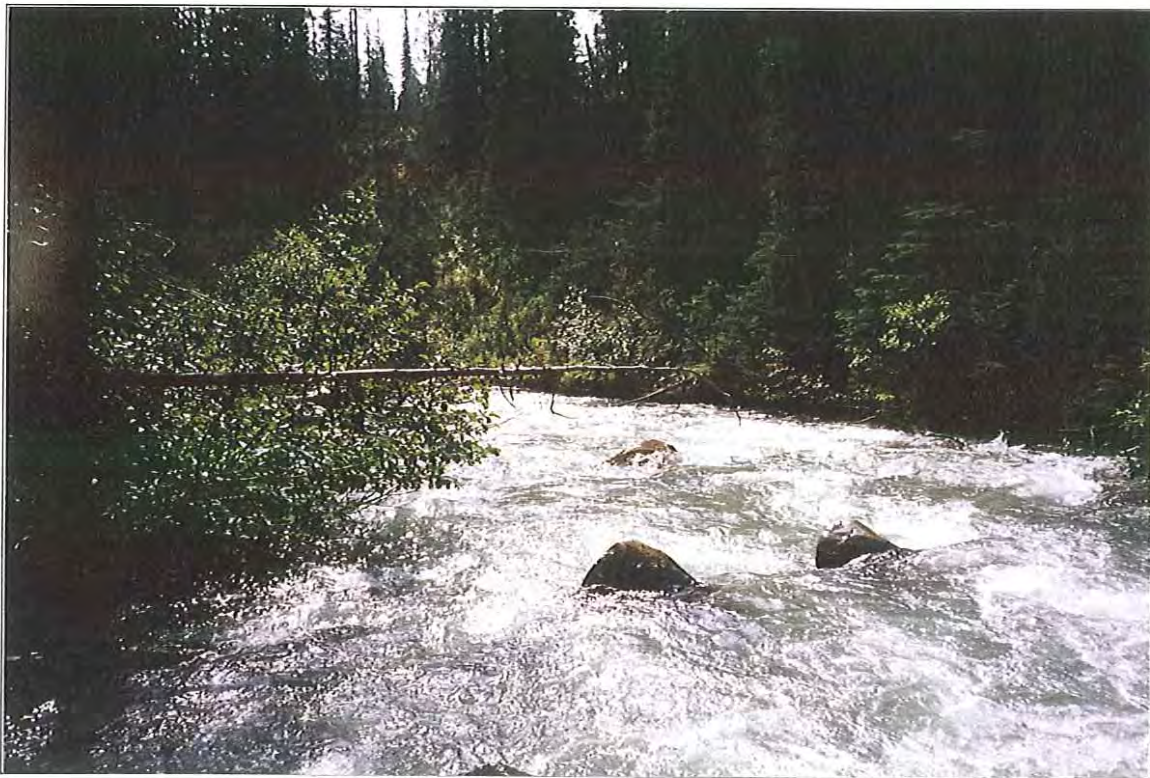
Watershed Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000

Reach # 1.0
ILP Map #
ILP #

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0															
WS Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000															
Waterbody ID:					ILP Map #:					ILP #:		Reach #: 1 -			
Project ID: 1550					Lake/Stream: S					Lake From Date:					
Fish Permit #: 145084K			Date: 2001/08/08			To: 2001/08/08			Agency: C172			Crew: JH/JA		Resample: ☐	
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment					
231	093M.084	20031				GPU EF 1	6	30	L						
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
231	EF	1	2001/08/08	12:30	2001/08/08	13:00									
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
231	EF	1	1	O	237	150.0	7.0	600	60	6	SMITH ROOT	12B			
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment						
231	EF	1	1	ST	J	1+	7	70	100	R					
231	EF	1	1	BT	J	1+	5	70	90	R					
INDIVIDUAL FISH DATA															
Site#	MTD/NO	H/P	Species	Length	Weight	Sex	Mat	Age		Vch#	Genetic		Roll #	Frame#	Comment
								Str/Smpl#	Age		Str/Smpl#				
231	EF	1	1	BT	70		U	U							
231	EF	1	1	BT	75		U	U							
231	EF	1	1	BT	75		U	U							
231	EF	1	1	BT	85		U	U							
231	EF	1	1	BT	90		U	U							
231	EF	1	1	ST	70		U	U							
231	EF	1	1	ST	70		U	U							
231	EF	1	1	ST	85		U	U							
231	EF	1	1	ST	85		U	U							
231	EF	1	1	ST	90		U	U							
231	EF	1	1	ST	100		U	U							
231	EF	1	1	ST	100		U	U							



Site #231, Upstream photo of typical habitat within site.
Roll #23, Frame #3, Date: 2001/08/08



Site #231, Downstream photo of fish capture location.
Roll #23, Frame #4, Date: 2001/08/08

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000

Reach # ILP Map # ILP #
3.0

STREAM REFERENCING									
Gazetted Name:					Local Name:				
Watershed Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000					ILP Map #:		ILP #:		
REACH									
Reach #: 3.0		UTM(Zone/East/North): 9.609381.6200125				Sample Type: Biased			
Length (km): 3.19		Coupling: Decoupled		Magnitude: 37		BGC Zone: ESSF			
Gradient (%): 1.3		Confinement: Unconfined		Order: 3		Open water: Present			
US Elev (m): 1070		Islands: NONE		Riparian Vegetation: Deciduous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 232		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/08	
Site Length (m): 520		GIS UTM 9.608995.6197121		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max	
Dewatered: ☐		Tribs.: ☐		Channel Width (m): 9.18		7.900		10.7	
Stage: Low ☐				Wetted Width (m): 8.48		7.800		9.4	
Med ☐				Bankfull Depth (m): 0.53		0.5		0.6	
High ☒									
Temp (C): 5		pH: 7.4		Conductivity: 30		Turbidity: Turbid ☐		Low ☒	
						Moderate ☐		Clear ☐	
MORPHOLOGY									
Bed Material: Dominant: Gravels		D95 (cm): 20.00		Bars: Non ☐		Side ☒		Diagonal ☐	
Subdominant: Cobble		D (cm): 10.00						Mid-channel ☒	
Channel Pattern: Irregular, Wandering		Islands: None						Span ☐	
Coupling: Decoupled								Braid ☐	
Confinement: Occasionally Confine									
Morphology: RP Riffle Pool									
COVER									
Total Cover: Moderate		Type: SWD LWD B U DP OV IV							
LWD: None		Amount: N N N S D T N							
LWD Dist: Not Applicable		Location: P/S/O: ☐ ☐ ☐ ☒ ☒ ☒ ☐ ☐						FSZ: ☐	
Right Bank: Shape: Undercut		Texture: Fines ☒ Gravel ☐ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐						Crown Closure	
Left Bank: Shape: Undercut		Texture: Fines ☒ Gravel ☐ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐						0%	
Right Bank: Rip.Veg: Shrubs		Stage: Shrub/herb stage							
Left Bank: Rip.Veg:		Stage: Shrub/herb stage							
		Instream Veg: None ☒ Algae ☐ Moss ☐ Vascular ☐							
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
232	EF	1	520	360 sec	700	NFC	0		

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000

Reach # 3.0 ILP Map # ILP # Site 232

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: Local Name: None
Watershed Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000
ILP Map#: ILP #: NID Map #: 093M.094 NID #: 20032 Reach #: 3.0 Site #: 232
Field UTM (Z.E.N): .. Method: Site Lg: 520 Method: MAP Access: H
GIS UTM (Z.E.N): 9.608995.6197121 Ref. Name:
Date: 2001/08/08 Time: 13:30 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg
Channel Width (m):	MS	9.30	10.70	9.60	8.50	7.90	9.10					9.18
Wetted Width (m):	MS	7.80	8.50	9.00	7.90	8.30	9.40					8.48
Pool Depth (m):	MS	1.15	1.20	1.00	1.40	0.70	0.60					1.01

	Gadient %	Mid	Avg
Method I:	2.0	3.0	C
Method II:			C

Wb Depth: .6 .5 .5 Avg: 0.53 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	N	N	S	D	T	N
Loc: P/S/O:	☐	☐	☐	☒	☒	☒	☐

CROWN CLOSURE
0 0%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

LWD: N DIST: NA

LB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

RB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

WATER

EMS: Req #: Cond.: 30 Method: S3
Temp: 5 Method: T4 Method: P2 Method: GE
pH: 7.4 Method: GE
Flood Signs: None Method: GE
Turb.: T ☐ M ☐ L ☒ C ☐

MORPHOLOGY

Bed Material: Dominant: G Subdom: C
D95: 20.0 D (cm): 10.00 Morph: RP
Pattern: IR
Islands: N
Coupling: DC
Confinement: OC
FSZ: ☐
DISTURBANCE INDICATORS
O1 B1 B2 B3 D1 D2 D3
☐ ☐ ☐ ☐ ☐ ☐ ☐
C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Bars: N ☐ SIDE ☒ DIAG ☐ MID ☒ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Moderate-provided by deep pools/tanks
Rearing Habitat	High-pools/cover present for various age classes and sizes
Spawning Habitat	High-substrates within site are suitable for all salmonid species-laminar/glide flow present

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 23 F: 5	STD	U	Upstream photo of large gravel/small cobble section
R: 23 F: 6	STD	D	Downstream photo of typical habitat within site

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000

Reach #

ILP Map #

ILP #

Site

3.0

232

COMMENTS	
Section	Comments
CHANNEL	No significant barriers/obstructions in recce. Potential gradient barriers and 2 m falls (est.)
CHANNEL	NFC

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000

Reach # 3.0
ILP Map #
ILP #

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-000-000-000-000-000-0															
WS Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000															
Waterbody ID:										ILP Map #:		ILP #:		Reach #: 3 -	
Project ID: 1550										Lake/Stream: S		Lake From Date:			
Fish Permit #:		145084K		Date: 2001/08/08		To: 2001/08/08		Agency: C172		Crew: JH/JA		Resample: ☐			
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment					
232	093M.094	20032				GPU EF 1	5	30	C						
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
232	EF	1	2001/08/08	13:15	2001/08/08	13:45									
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
232	EF	1	O	360	520.0	9.0	700	J	7	SMITH ROOT	12B				
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment						
232	EF	1	1	NFC		0									



Site #232, Upstream photo of large gravel/small cobble section.
Roll #23, Frame #5, Date: 2001/08/08



Site #232, Downstream photo of typical habitat within site.
Roll #23, Frame #6, Date: 2001/08/08

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000

Reach # ILP Map # ILP #
6.0

STREAM REFERENCING									
Gazetted Name:					Local Name:				
Watershed Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000					ILP Map #:		ILP #:		
REACH									
Reach #: 6.0		UTM(Zone/East/North): 9.609894.6201893				Sample Type: Biased			
Length (km): 42		Coupling: Partially Couple		Magnitude: 15		BGC Zone: AT			
Gradient (%): 2.9		Confinement: Unconfined		Order: 3		Open water: Absent			
US Elev (m): 1302		Islands: NONE		Riparian Vegetation: Shrubs					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 233		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/08	
Site Length (m): 380		GIS UTM 9.609866.6201278		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐ Intermittent: ☐				Avg		Min		Max	
Dewatered: ☐ Tribs.: ☐				Channel Width (m):		9.05		8	
Stage: Low ☐				Wetted Width (m):		9.03		7.900	
Med ☐				Bankfull Depth (m):		0.33		0.3	
High ☒		Temp (C): 9		pH: 7.4		Conductivity: 30		Turbidity: Turbid ☐ Low ☒	
								Moderate ☐ Clear ☐	
MORPHOLOGY									
Bed Material: Dominant: Boulders		D95 (cm): 100.00		Bars: Non ☐ Side ☒ Diagonal ☐ Mid-channel ☒ Span ☐					
Subdominant: Cobble		D (cm): 40.00				Braid ☐			
Channel Pattern: Irregular, Wandering		Islands: None		DISTURBANCE		O1 B1 B2 B3 D1 D2 D3			
Coupling: Decoupled				INDICATORS		☐ ☐ ☐ ☐ ☐ ☐ ☐			
Confinement: Occasionally Confine				C1 C2 C3 C4 C5 S1 S2 S3 S4 S5		☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐			
Morphology: CP Cascade Pool									
COVER									
Total Cover: Moderate		Type: SWD LWD B U DP OV IV							
LWD: None		Amount: N N D T S N N							
LWD Dist: Not Applicable		Location: P/S/O: ☐ ☐ ☒		☒ ☐ ☐		☒ ☐ ☐		FSZ: ☐	
Right Bank: Shape: Undercut		Texture: Fines ☒ Gravel ☐ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐						Crown Closure	
Left Bank: Shape: Undercut		Texture: Fines ☒ Gravel ☐ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐						0%	
Right Bank: Rip.Veg: Shrubs		Stage: Shrub/herb stage							
Left Bank: Rip.Veg:		Stage: Shrub/herb stage		Instream Veg: None ☒ Algae ☐ Moss ☐ Vascular ☐					
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
233	EF	1	380	375 sec	700	NFC	0		

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000

Reach # 6.0 ILP Map # ILP # Site 233

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000

Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 480-195700-69300-18900-0000-000-000-000-000-000-000
ILP Map#: ILP #: NID Map #: 093M.094 NID #: 20033 Reach #: 6.0 Site #: 233
Field UTM (Z.E.N): .. Method: Site Lg: 380 Method: MAP Access: H
GIS UTM (Z.E.N): 9.609866.6201278 Ref. Name:
Date: 2001/08/08 Time: 14:10 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mid	width	width	width	width	width	width	width	width	width	width	Avg
Channel Width (m):	MS	8.00	9.20	10.10	9.60	8.90	8.50					9.05
Wetted Width (m):	MS	7.90	9.20	10.10	9.40	8.90	8.70					9.03
Pool Depth (m):	MS	0.40	0.30	0.40	0.40	0.30	0.60					0.40

	Gadient %	Mid	Avg
Method I:	6.0	5.0	C
Method II:			C

Wb Depth: .3 .3 .4

Avg: 0.33

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	N	D	T	S	N	N
Loc: P/S/O:	☐	☐	☒	☒	☒	☐	☐

LWD: N

DIST: NA

LB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

CROWN CLOSURE

0 0%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

RB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

WATER

EMS:
Temp: 9
pH: 7.4
Flood Signs: None

Method: T4
Method: P2
Method: GE

Req #:

Cond.: 30

Method: S3

Turb.: T ☐ M ☐ L ☒ C ☐

Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C
D95: 100.0 D (cm): 40.00 Morph: CP
Pattern: IR
Islands: N
Coupling: DC
Confinement: OC
FSZ: ☐

O1 B1 B2 B3 D1 D2 D3
DISTURBANCE INDICATORS
C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Bars: N ☐ SIDE ☒ DIAG ☐ MID ☒ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	None observed
Rearing Habitat	Low-high velocities and limited resting
Spawning Habitat	Low-high percentage of fines mixed with substrates- large substrates/high velocity

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 23 F: 7	STD	U	Upstream photo towards glacier at head of valley
R: 23 F: 8	STD	D	Downstream photo towards helicopter and down valley

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000

Reach #

ILP Map #

ILP #

Site

6.0

233

COMMENTS	
Section	Comments
CHANNEL	High gradient section downstream >30%
CHANNEL	NFC

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000

Reach # 6.0
ILP Map #
ILP #

WATERBODY												
Gazetted Name:						Local:						
Project Code: 480-000000-00000-00000-0000-000-000-000-0												
WS Code: 480-195700-69300-18900-0000-0000-000-000-000-000-000												
Waterbody ID:						ILP Map #:		ILP #:		Reach #: 6 -		
Project ID: 1550						Lake/Stream: S		Lake From Date:				
Fish Permit #:		145084K		Date: 2001/08/08		To: 2001/08/08		Agency: C172		Crew: JH/JA		Resample: ☐
SITE / METHOD												
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment		
233	093M.094	20033				GPU EF 1	9	30	C			
A. GEAR SETTINGS												
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment					
233	EF	1	2001/08/08	14:00	2001/08/08	14:30						
C. ELECTROFISHER SPECIFICATIONS												
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model	
233	EF	1	1	O	375	380.0	8.0	700	J	7	SMITH ROOT	12B
FISH SUMMARY												
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment			
233	EF	1	1	NFC		0						



Site #233, Upstream photo towards glacier at head of valley.
Roll #23, Frame #7, Date: 2001/08/08



Site #233, Downstream photo towards helicopter and down valley.
Roll #23, Frame #8, Date: 2001/08/08

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-69300-00000-0000-000-000-000-000-000

Reach # ILP Map # ILP #

7.0

STREAM REFERENCING											
Gazetted Name: BARGER CREEK						Local Name:					
Watershed Code: 480-195700-69300-00000-0000-000-000-000-000-000						ILP Map #:		ILP #:			
REACH											
Reach #: 7.0		UTM(Zone/East/North): 9.611391.6199936				Sample Type: Biased					
Length (km): 2.78		Coupling: Coupled		Magnitude: 32		BGC Zone: ESSF					
Gradient (%): 6.9		Confinement: Frequently Confin		Order: 3		Open water: Absent					
US Elev (m): 1302		Islands: NONE		Riparian Vegetation: Coniferous							
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural											
SITE											
Site #: 234		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/08			
Site Length (m): 410		GIS UTM 9.611117.6197470		Agency Name: Triton Environmental Consultants (Terrace)							
CHANNEL											
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max		#	
Dewatered: ☐		Tribes.: ☐		Channel Width (m):		10.73		8.600		12.60 6	
Stage: Low ☐				Wetted Width (m):		8.18		5.400		10.10 6	
Med ☐				Bankfull Depth (m):		0.57		0.5		0.6 3	
High ☒		Temp (C): 5		pH: 7.4		Conductivity: 30					
								Turbidity: Turbid ☐		Low ☒	
								Moderate ☐		Clear ☐	
MORPHOLOGY											
Bed Material: Dominant: Boulders		D95 (cm): 120.00		Bars: Non ☐		Side ☒		Diagonal ☐		Mid-channel ☒ Span ☐	
Subdominant: Cobble		D (cm): 35.00								Braid ☐	
Channel Pattern: Irregular, Wandering		Islands: None		DISTURBANCE		O1		B1		B2 B3 D1 D2 D3	
Coupling: Decoupled				INDICATORS		☐		☐		☐	
Confinement: Occasionally Confine				C1 C2 C3 C4 C5 S1 S2 S3 S4 S5		☐		☐		☐	
Morphology: RP Riffle Pool						☐		☐		☐	
COVER											
Total Cover: Moderate		Type: SWD LWD B U DP OV IV									
LWD: Few		Amount: N T S T D N N									
LWD Dist: Clumped		Location: P/S/O: ☐		☒		☒		☒		☒	
										FSZ: ☐	
Right Bank: Shape: Undercut		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐		Rock ☐ Manmade ☐	
Left Bank: Shape: Undercut		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐		Rock ☐ Manmade ☐	
Right Bank: Rip.Veg: Mixed C/D		Stage: Mature forest								Crown Closure 1-20%	
Left Bank: Rip.Veg:		Stage: Mature forest								Instream Veg: None ☒ Algae ☐ Moss ☐ Vascular ☐	
FEATURES											
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo		AirPhoto		UTM (Z/E/N)
093M.094	21005	F	40.0	GE	10	GE	R: 23	F: 11	L:	#:	9.611086.6197
Comments: Falls											
FISH											
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)		
234	EF	1	410	530 sec	700	NFC	0				

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-69300-00000-0000-0000-0000-0000-0000-0000

Reach # 7.0 ILP Map # ILP # Site 234

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-0000-0000-0000-0000-0000-0000-0000
Project Code: 1550

WATERSHED

Gazetted Name: BARGER CREEK
Local Name: Barger Creek
Watershed Code: 480-195700-69300-00000-00000-0000-0000-0000-0000-0000-0000-0000-0000
ILP Map#: ILP #: NID Map #: 093M.094 NID #: 20034 Reach #: 7.0 Site #: 234
Field UTM (Z.E.N): .. Method: Site Lg: 410 Method: MAP Access: H
GIS UTM (Z.E.N): 9.611117.6197470 Ref. Name:
Date: 2001/08/08 Time: 14:50 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	MS	12.60	10.30	12.20	9.60	11.10	8.60					10.73	Method I:	4.0	5.0	C	4.50
Wetted Width (m):	MS	5.40	9.40	10.10	9.00	6.40	8.80					8.18	Method II:			C	
Pool Depth (m):	MS	0.60	0.50	0.30	0.40	0.60	0.70					0.52					

Wb Depth: .6 .5 .6 Avg: 0.57 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	S	T	D	N	N
Loc: P/S/O:	☐	☒	☒	☒	☒	☐	☐

LWD: F DIST: C

LB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

RB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS:
Temp: 5
pH: 7.4
Flood Signs: None
Method: T4
Method: P2
Method: GE
Req #:
Cond.: 30
Turb.: T ☐ M ☐ L ☒ C ☐
Method: S3
Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C
D95: 120.0 D (cm): 35.00 Morph: RP
Pattern: IR
Islands: N
Coupling: DC
Confinement: OC
FSZ: ☐
DISTURBANCE INDICATORS
O1 B1 B2 B3 D1 D2 D3
☐ ☐ ☐ ☐ ☐ ☐ ☐
C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Bars: N ☐ SIDE ☒ DIAG ☐ MID ☒ SPAN ☐ BR ☐

FEATURES

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)	Method
093M.094	21005	F	40.0	GE	10	GE	R: 23 F: 11 L:	#:	9.611086.6197359	GIS

Comments: Falls

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Deep pools may provide overwintering potential
Rearing Habitat	Moderate-good pool habitat/cover
Spawning Habitat	Low-high percentage of gravels, but suited for larger species ie coho, chinook - high velocities in areas

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-69300-00000-00000-00000-000-000-000-000-000

Reach #

ILP Map #

ILP #

Site

7.0

234

PHOTOS						
Photo			Foc Lg		Dir	Comments
R:	23	F:	10	STD	D	Downstream photo of typical habitat within site
R:	23	F:	11	STD	D	Photo from top of falls
R:	23	F:	9	STD	U	Upstream photo of riffle pool habitat
COMMENTS						
Section			Comments			
CHANNEL			No fish caught			

FDIS Fish Card

Shelagyote River Planning Area

Reach # ILP Map # ILP #

Watershed Code: 480-195700-69300-00000-0000-0000-000-000-000-000-000

7.0

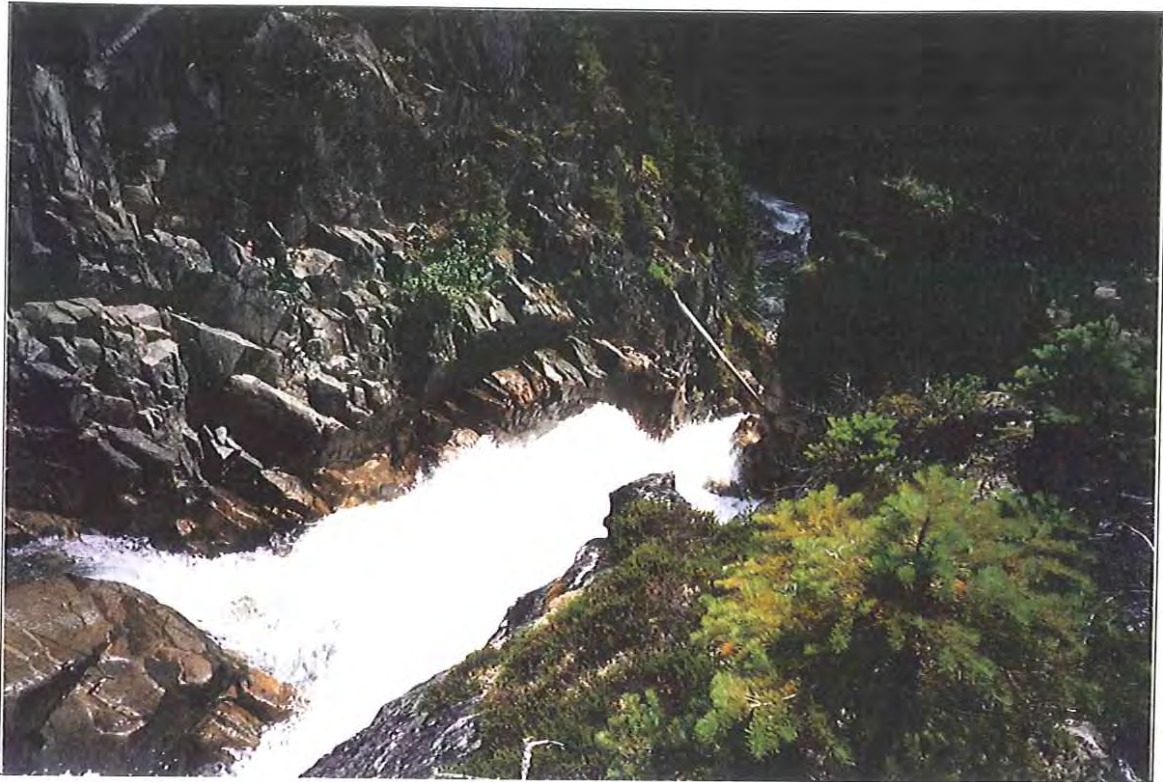
WATERBODY															
Gazetted Name: BARGER CREEK										Local: Barger Creek					
Project Code: 480-000000-00000-00000-0000-0000-000-000-000-000-0															
WS Code: 480-195700-69300-00000-0000-0000-000-000-000-000-000															
Waterbody ID:										ILP Map #:		ILP #:		Reach #: 7 -	
Project ID: 1550										Lake/Stream: S		Lake From Date:			
Fish Permit #:		145084K		Date: 2001/08/08		To: 2001/08/08		Agency: C172		Crew: JH/JA		Resample: ☐			
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mtld			MTD/NO		Temp	Cond	Turbid	Comment				
234	093M.094	20034				GPU	EF 1	5	30	L					
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
234	EF 1	1	2001/08/08	14:40	2001/08/08	15:10									
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
234	EF 1	1	O	530	410.0	9.0	700	J	7	SMITH ROOT	12B				
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment						
234	EF 1	1	NFC			0									



Site #234, Upstream photo of riffle pool habitat.
Roll #23, Frame #9, Date: 2001/08/08



Site #234, Downstream photo of typical habitat within site.
Roll #23, Frame #10, Date: 2001/08/08



Site #234, Photo from top of falls.
Roll #23, Frame #11, Date: 2001/08/08

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-69300-28300-0000-0000-000-000-000-000-000

Reach # ILP Map # ILP #

1.0

STREAM REFERENCING											
Gazetted Name:						Local Name:					
Watershed Code: 480-195700-69300-28300-0000-0000-000-000-000-000-000						ILP Map #:			ILP #:		
REACH											
Reach #: 1.0		UTM(Zone/East/North): 9.609735.6194514				Sample Type: Biased					
Length (km): 1.31		Coupling: Partially Couple		Magnitude: 17		BGC Zone: SBS					
Gradient (%): 8.5		Confinement: Occasionally Conf		Order: 3		Open water: Absent					
US Elev (m): 1025		Islands: NONE		Riparian Vegetation: Coniferous							
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural											
SITE											
Site #: 36		Field UTM ..		Agency: C172		Crew: JD/EL		Date: 2001/08/08			
Site Length (m): 200		GIS UTM 9.608887.6194825		Agency Name: Triton Environmental Consultants (Terrace)							
CHANNEL											
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max		#	
Dewatered: ☐		Tribes.: ☐		Channel Width (m): 5.30		4.6		6.1		6	
Stage: Low ☐				Wetted Width (m): 3.18		2.6		3.6		6	
Med ☒				Bankfull Depth (m): 0.70		0.6		0.8		3	
High ☐		Temp (C): 7		pH: 7.8		Conductivity: 40		Turbidity: Turbid ☐		Low ☐	
								Moderate ☐		Clear ☒	
MORPHOLOGY											
Bed Material: Dominant: Cobble		D95 (cm): 65.00		Bars: Non ☐		Side ☒		Diagonal ☐		Mid-channel ☐	
Subdominant: Gravels		D (cm): 20.00								Span ☐	
Channel Pattern: Sinuous		Islands: None		DISTURBANCE		O1		B1		B2	
Coupling: Coupled				INDICATORS		☐		☐		☐	
Confinement: Confined				C1		C2		C3		C4	
Morphology: CP Cascade Pool				☐		☐		☐		☐	
				C5		S1		S2		S3	
				☐		☐		☐		☐	
				S4		S5		☐		☐	
				☐		☐		☐		☐	
COVER											
Total Cover: Abundant		Type: SWD		LWD		B		U		DP	
LWD: Few		Amount: T		D		T		T		S	
LWD Dist: Clumped		Location: P/S/O:		☒		☒		☒		☒	
				☒		☒		☒		☒	
Right Bank: Shape: Sloping (g)		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐		Rock ☐	
Left Bank: Shape: Sloping (g)		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐		Rock ☐	
Right Bank: Rip.Veg: Coniferous		Stage: Mature forest								Crown Closure	
Left Bank: Rip.Veg:		Stage: Mature forest								1-20%	
										Instream Veg: None ☒	
										Algae ☐	
										Moss ☐	
										Vascular ☐	
FEATURES											
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)		
093M.084	88031	C	7.0	GE	4	GE	R: 4 F: 4 L: 4	#:	9.608866.6195		
Comments: Barrier to upstream migration											
FISH											
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)		
36	EF	1	100	169 sec	900	RB	6	69	86		
235	EF	1	100	210 sec	400	RB	15	55	125		

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-69300-28300-0000-0000-000-000-000-000-000

Reach # 1.0
ILP Map #
ILP #

WATERBODY												
Gazetted Name:						Local: None						
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0												
WS Code: 480-195700-69300-28300-0000-0000-000-000-000-000-000												
Waterbody ID:				ILP Map #:				ILP #:		Reach #: 1 -		
Project ID: 1550				Lake/Stream: S				Lake From Date:				
Fish Permit #: 145084K			Date: 2001/08/08			To: 2001/08/08			Agency: C172		Crew: JD/EL	Resample: ☐

SITE / METHOD											
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment	
235	093M.084	20035				GPU EF 1	6	50	C		
36	093M.084	22036				GPU EF 1	7	40	C		

A. GEAR SETTINGS											
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment				
36	EF 1	1	2001/08/08	16:40	2001/08/08	17:20					
235	EF 1	1	2001/08/08	15:25	2001/08/08	15:40					

C. ELECTROFISHER SPECIFICATIONS											
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model
36	EF	1	1	O	169	100.0	3.0	900	70	6	SMITH ROOT 12B
235	EF	1	1	O	210	100.0	2.0	400	60	6	SMITH ROOT 12B

FISH SUMMARY											
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)		FishAct	Comment	
36	EF	1	1	RB	J	6	69	86	R		
235	EF	1	1	RB	A	3+	100	125	R		
235	EF	1	1	RB	J	2+	55	80	R		

INDIVIDUAL FISH DATA																	
Site#	MTD/NO		H/P	Species	Length	Weight	Sex	Mat	Age			Vch#	Genetic		Roll #	Frame#	Comment
									Str/Smpl#	Age			Str/Smpl#				
36	EF	1	1	RB	86		U	U									
36	EF	1	1	RB	82		U	U									
36	EF	1	1	RB	69		U	U									
36	EF	1	1	RB	78		U	U									
36	EF	1	1	RB	75		U	U									
36	EF	1	1	RB	70		U	U									
235	EF	1	1	RB	35		U	U									
235	EF	1	1	RB	60		U	U									
235	EF	1	1	RB	60		U	U									
235	EF	1	1	RB	60		U	U									
235	EF	1	1	RB	65		U	U									
235	EF	1	1	RB	65		U	U									
235	EF	1	1	RB	70		U	U									
235	EF	1	1	RB	75		U	U									
235	EF	1	1	RB	75		U	U									
235	EF	1	1	RB	80		U	U									
235	EF	1	1	RB	100		U	U									
235	EF	1	1	RB	100		U	U									
235	EF	1	1	RB	100		U	U									
235	EF	1	1	RB	105		U	U									
235	EF	1	1	RB	125		U	U									

FDIS Reach Card

Shelagyote River Planning Area

Watershed Code: 480-195700-69300-28300-0000-0000-000-000-000-000

Reach # 6.0
ILP Map #
ILP #

PROJECT									
Project Name: Shelagyote Inventory					Project Code: 1550				
Stream Name (gaz.): BABINE RIVER									
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000									
WATERSHED									
Reach Watershed Code: 480-195700-69300-28300-0000-0000-000-000-000-000-000									
ILP Map #:		ILP #:		Reach #:		NID Map #:		NID #:	
				6.0		093M.084		13636	
Air Photos			Names			UTM(Zone/East/North/Method)			
LINE: 30BCB92052			Gaz.:			9.611251.6192716			
#: 25			Local:			Sample Type: B Welland: ☐			
				GIS					
SURVEY INFO									
Date: 2001/07/11			Agency: C172			Crew: JH/JA			
ATTRIBUTES									
Length (km): .79		Gradient: 3.29		Setting: VF		DISTURBANCE			
DS Elev.: 1138		Order: 2		Open water: A		INDICATORS			
US Elev: 1164		Magnitude: 4		Confinement: OC		C1 C2 C3 C4 C5 S1 S2 S3 S4 S5			
		BGC Zone: ESSF		Coupling: DC		☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐			
Valley Flat: B		C/D: C		Islands: N					
Active Floodplain Visible: ☐		Est. Width:		Bars: ☒ N ☐ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR					
Channel Pattern: SI				Mass Movement: L		Exposed/Eroded: NS			
				Riparian Veg.: D		Landuse: NO			

MAPS		
Map Type	Map #	Year
TRIM	093M.084	1995

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-69300-28300-0000-0000-000-000-000-000-000

Reach # 6.0
ILP Map #
ILP #

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0															
WS Code: 480-195700-69300-28300-0000-0000-000-000-000-000-000															
Waterbody ID:										ILP Map #:		ILP #:		Reach #: 6 -	
Project ID: 1550										Lake/Stream: S		Lake From Date:			
Fish Permit #:		145084K		Date: 2001/08/08		To: 2001/08/08		Agency: C172		Crew: JH/JA		Resample: ☐			
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment					
236	093M.084	20036				GPU EF 1	6	60	C						
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
236	EF	1	2001/08/08	16:00	2001/08/08	16:45									
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
236	EF	1	1	O	293	100.0	1.0	600	70	6	SMITH ROOT	12B			
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment						
236	EF	1	1	NFC		0									

FDIS Reach/Site Summary

Shelagyote River Planning Area

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

Reach # 5.0 ILP Map # 093M.085 ILP # 11301

STREAM REFERENCING											
Gazetted Name:						Local Name:					
Watershed Code: 000-000000-00000-00000-0000-000-000-000-000-000						ILP Map #: 093M.085		ILP #: 11301			
REACH											
Reach #: 5.0		UTM(Zone/East/North): 9.615303.6188444				Sample Type: Biased					
Length (km): 1.45		Coupling: Partially Couple		Magnitude: 6		BGC Zone: ESSF					
Gradient (%): 9.0		Confinement: Frequently Confin		Order: 3		Open water: Absent					
US Elev (m): 1452		Islands: NONE		Riparian Vegetation: Shrubs							
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural											
SITE											
Site #: 237		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/09			
Site Length (m): 290		GIS UTM 9.614940.6188316		Agency Name: Triton Environmental Consultants (Terrace)							
CHANNEL											
No Vis.Ch.: ☐		Intermittent: ☐				Avg		Min		Max	
Dewatered: ☐		Tribes.: ☐									
Stage: Low ☐				Channel Width (m):		4.43		3.6		5.400	
Med ☒				Wetted Width (m):		4.43		3.6		5.400	
High ☐				Bankfull Depth (m):		0.53		0.5		0.6	
		Temp (C): 5		pH: 7.3		Conductivity: 30					
								Turbidity: Turbid ☐		Low ☐	
								Moderate ☐		Clear ☒	
MORPHOLOGY											
Bed Material: Dominant: Boulders		D95 (cm): 80.00		Bars: Non ☐		Side ☒		Diagonal ☐		Mid-channel ☐	
Subdominant: Cobble		D (cm): 30.00								Span ☐	
Channel Pattern: Irregular, Wandering		Islands: None		DISTURBANCE		O1		B1		B2	
Coupling: Partially Coupled				INDICATORS						D3	
Confinement: Frequently Confined				C1		C2		C3		C4	
Morphology: CP Cascade Pool										S5	
COVER											
Total Cover: Moderate		Type: SWD		LWD		B		U		DP	
LWD: Few		Amount: N		T		S		T		D	
LWD Dist: Clumped		Location: P/S/O:		☒		☒		☒		☒	
Right Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☒		Cobble ☐		Boulder ☐		Rock ☐	
Left Bank: Shape: V - shape		Texture: Fines ☐		Gravel ☐		Cobble ☐		Boulder ☒		Rock ☐	
Right Bank: Rip.Veg: Mixed C/D		Stage: Mature forest								Crown Closure	
Left Bank: Rip.Veg:		Stage: Mature forest								1-20%	
								Instream Veg: None ☒		Algae ☐	
										Moss ☐	
										Vascular ☐	
FEATURES											
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo		AirPhoto		UTM (Z/E/N)
093M.085	21006	C	2.5	MS	4	MS	R: 23	F: 14	L:	#:	9.614744.6188
Comments: Cascade											
FISH											
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)		
237	EF	1	290	473 sec	700	NFC	0				

FDIS Site Card

Shelagoyte River Planning Area

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

Reach # 5.0 ILP Map # 093M.085 ILP # 11301 Site 237

PROJECT

Project Name: Shelagoyte Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: Local Name: None
Watershed Code: 000-000000-00000-00000-0000-000-000-000-000-000-000
ILP Map #: 093M.085 ILP #: 11301 NID Map #: 093M.085 NID #: 20037 Reach #: 5.0 Site #: 237
Field UTM (Z.E.N): .. Method: Site Lg: 290 Method: MAP Access: H
GIS UTM (Z.E.N): 9.614940.6188316 Ref. Name:
Date: 2001/08/09 Time: 09:00 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg
Channel Width (m):	MS	4.20	3.60	3.90	5.40	4.70	4.80					4.43
Wetted Width (m):	MS	4.30	3.60	3.80	5.40	4.70	4.80					4.43
Pool Depth (m):	MS	0.40	0.50	0.30	0.40	0.30	0.50					0.40

	Gadient %	Mtd	Avg
Method I:	8.0	7.0	C
Method II:			C

Wb Depth: .5 .6 .5 Avg: 0.53 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	S	T	D	N	N
Loc: P/S/O:	☐	☒	☒	☒	☒	☐	☐

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

LWD: F DIST: C

LB SHP: V

Texture: F ☐ G ☐ C ☐ B ☒ R ☐ A ☐

RIP: M

STG: MF

RB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Temp: 5 Method: T4 Req #: Cond.: 30 Method: S3
pH: 7.3 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: Rafted debris Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C
D95: 80.0 D (cm): 30.00 Morph: CP
Pattern: IR
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐
DISTURBANCE INDICATORS
O1 B1 B2 B3 D1 D2 D3
☐ ☐ ☐ ☐ ☐ ☐ ☐
C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

FEATURES

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)	Method
093M.085	21006	C	2.5	MS	4	MS	R: 23 F: 14 L: #:		9.614744.6188449	GIS

Comments: Cascade

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Possible-potential overwintering in some pools present
Rearing Habitat	Moderate- associated with pools and cover
Spawning Habitat	Low-majority of site contains large angular cobbles/gravels - spawning habitat is patchy

FDIS Site Card

Shelagyote River Planning Area

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

Reach #	ILP Map #	ILP #	Site
5.0	093M.085	11301	237

PHOTOS						
Photo				Foc Lg	Dir	Comments
R:	23	F:	12	STD	U	Upstream photo of typical cascade pool habitat found within site
R:	23	F:	13	STD	D	Downstream photo of cascade pool habitat with functioning D95
R:	23	F:	14	STD	U	Photo of 2.5 m x 4 m cascade
COMMENTS						
Section				Comments		
CHANNEL				Cascade observed in site fish could potentially access upstream habitat over cascade approx. 180 seconds over 100 m sampled upstream of the cascade		
CHANNEL				No fish caught		

Shelagyote River Planning Area

000-000000-000000-000000-00000-00000-000-000-000-000-000-000

ILP #

5.0

093M.085

11301

Gazetted Name:

Local: None

Project Code: 480-000000-00000-00000-0000-0000-0000-000-000-000-000-000-0

WS Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000-000-000

Waterbody ID:

ILP Map #: 093M.085

ILP #: 11301

Reach #: 5 -

Project ID: 1550

Lake/Stream: S

Lake From Date:

Fish Permit #: 145084K

Date: 2001/08/08

To: 2001/08/08

Agency: C172

Crew: JH/JA

Resample: ☐

Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO		Temp	Cond	Turbid	Comment
237	093M.085	20037				GPU	EF 1	5	30	C	

Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment
237	EF 1	1	2001/08/08	08:50	2001/08/08	09:45	

Site#	MTD/NO		H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model
237	EF	1	1	O	473	290.0	4.0	700	J	7	SMITH ROOT	12B

Site#	MTD/NO		H/P	Species	Stage	Age	Total #	Lgth (Min/Max)		FishAct	Comment
237	EF	1	1	NFC			0				



Site #237, Upstream photo of typical cascade pool habitat found within site.
Roll #23, Frame #12, Date: 2001/08/09



Site #237, Downstream photo of cascade pool habitat with functioning D95.
Roll #23, Frame #13, Date: 2001/08/09



Site #237, Photo of 2.5 m x 4 m cascade.
Roll #23, Frame #14, Date: 2001/08/09

FDIS Reach/Site Summary

Shelagyte River Planning Area

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

Reach # ILP Map # ILP #
2.0 093M.085 11301

STREAM REFERENCING											
Gazetted Name:						Local Name:					
Watershed Code: 000-000000-00000-00000-0000-000-000-000-000-000						ILP Map #: 093M.085			ILP #: 11301		
REACH											
Reach #: 2.0		UTM(Zone/East/North): 9.613774.6188629				Sample Type: Biased					
Length (km): .83		Coupling: Partially Couple		Magnitude: 10		BGC Zone: ESSF					
Gradient (%): 4.2		Confinement: Occasionally Conf		Order: 3		Open water: Absent					
US Elev (m): 1297		Islands: NONE		Riparian Vegetation: Coniferous							
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural											
SITE											
Site #: 238		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/09			
Site Length (m): 410		GIS UTM 9.613390.6188853		Agency Name: Triton Environmental Consultants (Terrace)							
CHANNEL											
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max		#	
Dewatered: ☐		Tribes.: ☐		Channel Width (m): 4.77		3.900		6.300		6	
Stage: Low ☐				Wetted Width (m): 4.70		4		5.800		6	
Med ☒				Bankfull Depth (m): 0.47		0.4		0.5		3	
High ☐		Temp (C): 6		pH: 7.4		Conductivity: 30		Turbidity: Turbid ☐		Low ☐	
								Moderate ☐		Clear ☒	
MORPHOLOGY											
Bed Material: Dominant: Cobble		D95 (cm): 70.00		Bars: Non ☐		Side ☒		Diagonal ☐		Mid-channel ☐	
Subdominant: Boulders		D (cm): 25.00								Span ☐	
Channel Pattern: Irregular, Wandering		Islands: None		DISTURBANCE		O1		B1		B2	
Coupling: Partially Coupled				INDICATORS		☐		☐		☐	
Confinement: Frequently Confined				C1		C2		C3		C4	
Morphology: RP Riffle Pool				☐		☐		☐		☐	
				C5		S1		S2		S3	
				☐		☐		☐		☐	
				S4		S5		☐		☐	
				☐		☐		☐		☐	
COVER											
Total Cover: Moderate		Type: SWD		LWD		B		U		DP	
LWD: Few		Amount: N		S		T		T		D	
LWD Dist: Clumped		Location: P/S/O:		☐		☒		☒		☒	
				☐		☐		☐		☐	
Right Bank: Shape: Undercut		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐		Rock ☐	
Left Bank: Shape: Undercut		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐		Rock ☐	
Right Bank: Rip.Veg: Coniferous		Stage: Mature forest								Crown Closure	
Left Bank: Rip.Veg:		Stage: Mature forest								1-20%	
										Instream Veg: None ☐	
										Algae ☐	
										Moss ☒	
										Vascular ☐	
FEATURES											
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo			AirPhoto	
093M.085	21007	F	10.0	GE	2	GE	R: 23	F: 17	L:	#:	UTM (Z/E/N)
Comments: Falls											9.613208.6189
FISH											
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)		
238	EF	1	410	641 sec	700	NFC	0				

FDIS Site Card

Shelagyote River Planning Area

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

Reach # 2.0 ILP Map # 093M.085 ILP # 11301 Site 238

PROJECT																																																																										
Project Name: Shelagyote Inventory										Project Code: 1550																																																																
Stream Name (gaz.): BABINE RIVER																																																																										
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000																																																																										
WATERSHED																																																																										
Gazetted Name:										Local Name: None																																																																
Watershed Code: 000-000000-00000-00000-0000-000-000-000-000-000-000																																																																										
ILP Map#: 093M.085			ILP #: 11301			NID Map #: 093M.085			NID #: 20038			Reach #: 2.0		Site #: 238																																																												
Field UTM (Z.E.N): ..					Method:					Site Lg: 410		Method: MAP		Access: H																																																												
GIS UTM (Z.E.N): 9.613390.618853										Ref. Name:																																																																
Date: 2001/08/09			Time: 10:15			Agency: C172			Crew: JH/JA			Fish Crd?: ☒		Incomplete: ☐																																																												
CHANNEL																																																																										
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Mtd</th> <th>width</th> <th>width</th> <th>width</th> <th>width</th> <th>width</th> <th>width</th> <th>width</th> <th>width</th> <th>width</th> <th>Avg</th> </tr> </thead> <tbody> <tr> <td>Channel Width (m):</td> <td>MS</td> <td>4.40</td> <td>6.30</td> <td>4.90</td> <td>3.90</td> <td>4.30</td> <td>4.80</td> <td></td> <td></td> <td></td> <td>4.77</td> </tr> <tr> <td>Wetted Width (m):</td> <td>MS</td> <td>4.00</td> <td>5.80</td> <td>5.10</td> <td>4.60</td> <td>4.10</td> <td>4.60</td> <td></td> <td></td> <td></td> <td>4.70</td> </tr> <tr> <td>Pool Depth (m):</td> <td>MS</td> <td>0.50</td> <td>0.40</td> <td>0.60</td> <td>0.40</td> <td>0.40</td> <td>0.50</td> <td></td> <td></td> <td></td> <td>0.47</td> </tr> </tbody> </table>											Mtd	width	width	width	width	width	width	width	width	width	Avg	Channel Width (m):	MS	4.40	6.30	4.90	3.90	4.30	4.80				4.77	Wetted Width (m):	MS	4.00	5.80	5.10	4.60	4.10	4.60				4.70	Pool Depth (m):	MS	0.50	0.40	0.60	0.40	0.40	0.50				0.47	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Gadient %</th> <th>Mtd</th> <th>Avg</th> </tr> </thead> <tbody> <tr> <td>Method I:</td> <td>4.0</td> <td>5.0</td> <td>C</td> </tr> <tr> <td>Method II:</td> <td></td> <td></td> <td>C</td> </tr> </tbody> </table>						Gadient %	Mtd	Avg	Method I:	4.0	5.0	C	Method II:			C
	Mtd	width	width	width	width	width	width	width	width	width	Avg																																																															
Channel Width (m):	MS	4.40	6.30	4.90	3.90	4.30	4.80				4.77																																																															
Wetted Width (m):	MS	4.00	5.80	5.10	4.60	4.10	4.60				4.70																																																															
Pool Depth (m):	MS	0.50	0.40	0.60	0.40	0.40	0.50				0.47																																																															
	Gadient %	Mtd	Avg																																																																							
Method I:	4.0	5.0	C																																																																							
Method II:			C																																																																							
Wb Depth:		.4	.5	.5	Avg: 0.47		Method: MS		Stage: L ☐ M ☒ H ☐		No Vis.Ch.: ☐ Intermittent: ☐		Dw: ☐ Tribs.: ☐																																																													
COVER Total: M																																																																										
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Type:</th> <th>SWD</th> <th>LWD</th> <th>B</th> <th>U</th> <th>DP</th> <th>OV</th> <th>IV</th> </tr> </thead> <tbody> <tr> <td>Amount:</td> <td>N</td> <td>S</td> <td>T</td> <td>T</td> <td>D</td> <td>N</td> <td>N</td> </tr> <tr> <td>Loc: P/S/O:</td> <td>☐</td> <td>☒</td> <td>☒</td> <td>☒</td> <td>☒</td> <td>☐</td> <td>☐</td> </tr> </tbody> </table>										Type:	SWD	LWD	B	U	DP	OV	IV	Amount:	N	S	T	T	D	N	N	Loc: P/S/O:	☐	☒	☒	☒	☒	☐	☐	CROWN CLOSURE 1 1-20%																																								
Type:	SWD	LWD	B	U	DP	OV	IV																																																																			
Amount:	N	S	T	T	D	N	N																																																																			
Loc: P/S/O:	☐	☒	☒	☒	☒	☐	☐																																																																			
LWD: F DIST: C										INSTREAM VEG: N ☐ A ☐ M ☒ V ☐																																																																
LB SHP: U										RB SHP: U																																																																
Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐										Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐																																																																
RIP: C										RIP: C																																																																
STG: MF										STG: MF																																																																
WATER																																																																										
EMS:										Req #:																																																																
Temp: 6										Cond.: 30																																																																
pH: 7.4										Method: S3																																																																
Flood Signs: None										Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE																																																																
Method: T4																																																																										
Method: P2																																																																										
Method: GE																																																																										
MORPHOLOGY																																																																										
Bed Material: Dominant: C Subdom: B										O1 B1 B2 B3 D1 D2 D3																																																																
D95: 70.0 D (cm): 25.00 Morph: RP										<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> </table>					☐	☐	☐	☐	☐	☐	☐	☐																																																				
☐	☐	☐	☐	☐	☐	☐	☐																																																																			
Pattern: IR										DISTURBANCE INDICATORS																																																																
Islands: N										C1 C2 C3 C4 C5 S1 S2 S3 S4 S5																																																																
Coupling: PC										<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> <td>☐</td> </tr> </table>					☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐																																																	
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐																																																																
Confinement: FC										Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐																																																																
FSZ: ☐																																																																										
FEATURES																																																																										
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo		AirPhoto		UTM (Z/E/N)		Method																																																													
093M.085	21007	F	10.0	GE	2	GE	R: 23	F: 17	L:	#:	9.613208.6189050		GIS																																																													
Comments: Falls																																																																										
HABITAT QUALITY																																																																										
Name		Comments																																																																								
OverWinter Habitat		Potential-deep pools																																																																								
Rearing Habitat		Moderate-associated with pools, cover, flow																																																																								
Spawning Habitat		Low-limited by coarse angular substrates, associated with small patches																																																																								

FDIS Site Card

Shelagyote River Planning Area

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

Reach #	ILP Map #	ILP #	Site
2.0	093M.085	11301	238

PHOTOS					
Photo				Foc Lg	Dir
R:	23	F:	15	STD	U
R:	23	F:	16	STD	D
R:	23	F:	17	STD	U
COMMENTS					
Section				Comments	
CHANNEL				Downstream barrier at Reach 1 break	
CHANNEL				No fish caught	

Shelagyote River Planning Area

Reach #	ILP Map #	ILP #
2.0	093M.085	11301

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-000-000-000-000-000-0															
WS Code: 000-000000-00000-00000-0000-000-000-000-000-000-000															
Waterbody ID:					ILP Map #: 093M.085					ILP #:		11301		Reach #:	2 -
Project ID: 1550					Lake/Stream: S					Lake From Date:					
Fish Permit #: 145084K					Date: 2001/08/09			To: 2001/08/09			Agency: C172		Crew: JH/JA		Resample: ☐
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd				MTD/NO		Temp	Cond	Turbid	Comment			
238	093M.085	20038				GPU	EF	1	6	30	C				
A. GEAR SETTINGS															
Site#	MTD/NO		H/P	Date In	Time In	Date Out	Time Out		Comment						
238	EF	1	1	2001/08/09	10:00	2001/08/09	11:10								
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO		H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model			
238	EF	1	1	O	641	410.0	5.0	700	70	6	SMITH ROOT	12B			
FISH SUMMARY															
Site#	MTD/NO		H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment					
238	EF	1	1	NFC			0								



Site #238, Upstream photo of riffle pool section with moderate rearing.
Roll #23, Frame #15, Date: 2001/08/09



Site #238, Downstream photo of riffle pool section with functioning LWD.
Roll #23, Frame #16, Date: 2001/08/09



Site #238, Upstream photo of mid section of 10 m falls.
Roll #23, Frame #17, Date: 2001/08/09

FDIS Reach/Site Summary

Shelagyte River Planning Area

Reach # ILP Map # ILP #

Watershed Code: 480-195700-66900-00000-00000-000-000-000-000-000

1.0

STREAM REFERENCING									
Gazetted Name:					Local Name:				
Watershed Code: 480-195700-66900-00000-00000-000-000-000-000-000					ILP Map #:		ILP #:		
REACH									
Reach #: 1.0		UTM(Zone/East/North): 9.608580.6192934				Sample Type: Biased			
Length (km): 1.15		Coupling: Partially Couple		Magnitude: 12		BGC Zone: SBS			
Gradient (%): 13.9		Confinement: Frequently Confin		Order: 3		Open water: Absent			
US Elev (m): 999		Islands: NONE		Riparian Vegetation: Coniferous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 239		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/09	
Site Length (m): 100		GIS UTM 9.607733.6192809		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max	
Dewatered: ☐		Tribes.: ☐		Channel Width (m): 1.92		1.600		2.3	
Stage: Low ☐				Wetted Width (m): 1.60		1.4		2	
Med ☒				Bankfull Depth (m): 0.53		0.5		0.6	
High ☐		Temp (C): 9		pH: 7.5		Conductivity: 40			
						Turbidity: Turbid ☐		Low ☐	
								Moderate ☐	
								Clear ☒	
MORPHOLOGY									
Bed Material: Dominant: Boulders		D95 (cm): 60.00		Bars: Non ☐		Side ☒		Diagonal ☐	
Subdominant: Cobble		D (cm): 20.00						Mid-channel ☐	
Channel Pattern: Irregular, Wandering		Islands: None		DISTURBANCE INDICATORS		O1		B1	
Coupling: Partially Coupled						B2		B3	
Confinement: Frequently Confined						D1		D2	
Morphology: CP Cascade Pool						D3			
				C1		C2		C3	
				C4		C5		S1	
				S2		S3		S4	
				S5					
COVER									
Total Cover: Moderate		Type: SWD		LWD		B		U	
LWD: Few		Amount: N		T		S		T	
LWD Dist: Clumped		Location: P/S/O:		☐		☒		☐	
				☐		☐		☐	
Right Bank: Shape: Undercut		Texture: Fines ☐		Gravel ☒		Cobble ☐		Boulder ☐	
Left Bank: Shape: Undercut		Texture: Fines ☐		Gravel ☒		Cobble ☐		Boulder ☐	
Right Bank: Rip.Veg: Mixed C/D		Stage: Mature forest							
Left Bank: Rip.Veg:		Stage: Mature forest		Instream Veg: None ☐		Algae ☐		Moss ☒	
								Vascular ☐	
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
239	EF	1	100	138 sec	600	DV	6	85	90

FDIS Site Card

Shelagyte River Planning Area

Watershed Code: 480-195700-66900-00000-00000-00000-00000-00000-00000

Reach # 1.0 ILP Map # ILP # Site 239

PROJECT

Project Name: Shelagyte Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-00000-00000-00000-00000-00000-00000
Project Code: 1550

WATERSHED

Gazetted Name: Local Name: None
Watershed Code: 480-195700-66900-00000-00000-00000-00000-00000-00000-00000
ILP Map#: ILP #: NID Map #: 093M.084 NID #: 20039 Reach #: 1.0 Site #: 239
Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: GE Access: H
GIS UTM (Z.E.N): 9.607733.6192809 Ref. Name:
Date: 2001/08/09 Time: 11:30 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	MS	1.60	1.60	2.30	2.20	1.80	2.00					1.92	Method I:	6.0	8.0	C	9.00
Wetted Width (m):	MS	1.40	1.60	1.40	1.50	1.70	2.00					1.60	Method II:	10.0	12.0	C	
Pool Depth (m):	MS	0.20	0.20	0.30	0.20	0.20	0.30					0.23					

Wb Depth: .6 .5 .5 Avg: 0.53 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	S	T	D	T	N
Loc: P/S/O:	☐	☒	☒	☒	☒	☒	☐

LWD: F DIST: C

LB SHP: U

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☐ A ☐ M ☒ V ☐

RB SHP: U

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Temp: 9 Method: T4 Req #: Cond.: 40 Method: S3
pH: 7.5 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: None Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C O1 B1 B2 B3 D1 D2 D3
D95: 60.0 D (cm): 20.00 Morph: CP DISTURBANCE INDICATORS
Pattern: IR C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐ Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Potential in larger pools
Rearing Habitat	Moderate-good cover, access, flows
Spawning Habitat	Low-limited by coarse substrates-gravels are patchy

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 23 F: 18	STD	U	Upstream photo of typical rearing habitat within stream
R: 23 F: 19	STD	D	Downstream photo of functional LWD

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-66900-00000-00000-000-000-000-000-000-000

Reach #

ILP Map #

ILP #

Site

1.0

239

COMMENTS

Section	Comments
CHANNEL	DV captured (85-90 mm)

FDIS Fish Card

Shelagoyote River Planning Area

Watershed Code: 480-195700-66900-00000-0000-000-000-000-000-000

Reach # 1.0
ILP Map #
ILP #

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0															
WS Code: 480-195700-66900-00000-0000-000-000-000-000-000															
Waterbody ID:				ILP Map #:				ILP #:		Reach #: 1 -					
Project ID: 1550				Lake/Stream: S				Lake From Date:							
Fish Permit #:		145084K		Date: 2001/08/09		To: 2001/08/09		Agency: C172		Crew: JH/JA		Resample: ☐			
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment					
239	093M.084	20039				GPU EF 1	9	40	C						
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
239	EF	1	2001/08/09	11:15	2001/08/09	11:45									
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
239	EF	1	1	O	138	100.0	2.0	600	J	7	SMITH ROOT	12B			
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)		FishAct	Comment					
239	EF	1	1	DV	J	1+	6	85 90	R						
INDIVIDUAL FISH DATA															
Site#	MTD/NO	H/P	Species	Length	Weight	Sex	Mat	Age		Vch#	Genetic		Roll #	Frame#	Comment
								Str/Smpl#	Age		Str/Smpl#				
239	EF	1	1	DV	85		U	U							
239	EF	1	1	DV	85		U	U							
239	EF	1	1	DV	85		U	U							
239	EF	1	1	DV	85		U	U							
239	EF	1	1	DV	90		U	U							
239	EF	1	1	DV	90		U	U							



Site #239, Upstream photo of typical rearing habitat within stream.
Roll #23, Frame #18, Date: 2001/08/09



Site #239, Downstream photo of functional LWD.
Roll #23, Frame #19, Date: 2001/08/09

Shelagyote River Planning Area

Reach #	ILP Map #	ILP #
1.0	093M.084	10885

Gazetted Name:	Local Name:
Watershed Code: 000-000000-00000-00000-0000-000-000-000-000-000-000	ILP Map #: 093M.084 ILP #: 10885

Reach #: 1.0 UTM (Zone/East/North): 9.606514.6189768 Sample Type: Biased
 Length (km): .73 Coupling: Decoupled Magnitude: 2 BGC Zone: SBS
 Gradient (%): 4.9 Confinement: Unconfined Order: 2 Open water: Absent
 US Elev (m): 846 Islands: NONE Riparian Vegetation: Deciduous
 Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural

Site #: 240	Field UTM ..	Agency: C172	Crew: JH/JA	Date: 2001/08/09
Site Length (m): 100	GIS UTM9.606390.6189733	Agency Name: Triton Environmental Consultants (Terrace)		

No Vis.Ch.: ☐	Intermittent: ☒		Avg	Min	Max	#		Avg	Min	Max	#	
Dewatered: ☐	Tribs.: ☐		Channel Width (m):	1.22	0.9	1.600	6	Gradient %:	9.00	8	10	2
Stage: Low ☐			Wetted Width (m):	0.62	0.400	1	6	Pool Depth (m):	0.23	0.200	0.300	6
Med ☒			Bankfull Depth (m):	0.33	0.3	0.4	3					
High ☐	Temp (C): 9	pH: 7.6										
		Conductivity: 40										
								Turbidity.: Turbid ☐ Low ☐				
								Moderate ☐ Clear ☒				

[illegible]

Total Cover: Moderate

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	T	S	N	T	N	D	N
Location: P/S/O:	☒ ☐ ☐	☒ ☐ ☐	☐ ☐ ☐	☒ ☐ ☐	☐ ☐ ☐	☒ ☐ ☐	☐ ☐ ☐

FSZ: ☐

Right Bank: Shape: V - shape Texture: Fines ☒ Gravel ☒ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐ Crown Closure

Left Bank: Shape: V - shape Texture: Fines ☒ Gravel ☒ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐ 1-20%

Right Bank: Rip.Veg: Mixed C/D Stage: Mature forest

Left Bank: Rip.Veg: Stage: Mature forest Instream Veg: None ☐ Algae ☐ Moss ☒ Vascular ☐

FDIS Site Card

Shelagyote River Planning Area

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

Reach # 1.0 ILP Map # 093M.084 ILP # 10885 Site 240

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-0000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 000-000000-00000-00000-0000-0000-000-000-000-000-000
ILP Map #: 093M.084 ILP #: 10885 NID Map #: 093M.084 NID #: 20040 Reach #: 1.0 Site #: 240
Local Name: None
Field UTM (Z.E.N): ... Method: Site Lg: 100 Method: MAP Access: H
GIS UTM (Z.E.N): 9.606390.6189733 Ref. Name:
Date: 2001/08/09 Time: 13:15 Agency: C172 Crew: JH/JA Fish Crd?: ☐ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	MS	1.30	1.60	1.00	1.20	0.90	1.30					1.22	Method I:	10.0	8.0	C	9.00
Wetted Width (m):	MS	1.00	0.80	0.40	0.60	0.40	0.50					0.62	Method II:			C	
Pool Depth (m):	MS	0.20	0.20	0.20	0.30	0.20	0.30					0.23					

Wb Depth: .3 .4 .3 Avg: 0.33 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	S	N	T	N	D	N
Loc: P/S/O:	☒	☒	☐	☒	☐	☒	☐

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☐ A ☐ M ☒ V ☐

LWD: F DIST: C

LB SHP: V

Texture: F ☒ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

RB SHP: V

Texture: F ☒ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Temp: 9 pH: 7.6 Flood Signs: None Method: T4 Method: P2 Method: GE Req #: Cond.: 40 Turb.: T ☐ M ☐ L ☐ C ☒ Method: S3 Method: GE

MORPHOLOGY

Bed Material: Dominant: G Subdom: C D95: 40.0 D (cm): 10.00 Morph: RP DISTURBANCE INDICATORS O1 B1 B2 B3 D1 D2 D3 C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Pattern: IR Islands: N Coupling: PC Confinement: FC FSZ: ☐ Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	None
Rearing Habitat	Low-associated with pools limited by flows
Spawning Habitat	Low-associated with gravels - limited by flows

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 23 F: 20	STD	U	Upstream photo of heavily vegetated section within site
R: 23 F: 21	STD	D	Downstream photo of heavily vegetated section within site

FDIS Site Card

Shelagyote River Planning Area

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

Reach #1.0ILP Map #093M.084ILP #10885Site240

COMMENTS	
Section	Comments
CHANNEL	Stream is difficult to follow in lower section of site and may become discontinuous in lower portion of reach
CHANNEL	Not sampled for fish

FDIS Reach Card

Shelagyote River Planning Area

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

Reach # 1.0 ILP Map # 093M.074 ILP # 10630

PROJECT																													
Project Name: Shelagyote Inventory					Project Code: 1550																								
Stream Name (gaz.): BABINE RIVER																													
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000																													
WATERSHED																													
Reach Watershed Code: 000-000000-00000-00000-0000-000-000-000-000-000-000																													
ILP Map #: 093M.074		ILP #: 10630		Reach #: 1.0		NID Map #: 093M.074		NID #: 15663																					
Air Photos			Names			UTM(Zone/East/North/Method)																							
LINE: 30BCB92049			Gaz.:			9.608750.6183559 GIS																							
#: 204			Local:			Sample Type: B		Wetland: ☒																					
SURVEY INFO																													
Date: 2001/07/11			Agency: C172			Crew: JH/JA																							
ATTRIBUTES																													
Length (km): .66		Gradient: 2.42		Setting: VF		DISTURBANCE INDICATORS																							
DS Elev.: 755		Order: 2		Open water: P		<table border="0" style="width:100%;"> <tr> <td>O1</td><td>B1</td><td>B2</td><td>B3</td><td>D1</td><td>D2</td><td>D3</td> </tr> <tr> <td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td> </tr> </table>				O1	B1	B2	B3	D1	D2	D3	☐	☐	☐	☐	☐	☐	☐						
O1	B1	B2	B3	D1	D2	D3																							
☐	☐	☐	☐	☐	☐	☐																							
US Elev: 771		Magnitude: 3		Confinement: OC		<table border="0" style="width:100%;"> <tr> <td>C1</td><td>C2</td><td>C3</td><td>C4</td><td>C5</td><td>S1</td><td>S2</td><td>S3</td><td>S4</td><td>S5</td> </tr> <tr> <td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td> </tr> </table>				C1	C2	C3	C4	C5	S1	S2	S3	S4	S5	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
C1	C2	C3	C4	C5	S1	S2	S3	S4	S5																				
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐																				
		BGC Zone: SBS		Coupling: DC																									
Valley Flat: B		C/D: C		Islands: N																									
Active Floodplain Visible: ☐		Est. Width:		Bars: ☒ N ☐ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR																									
Channel Pattern: IR				Mass Movement: L		Exposed/Eroded: NS																							
				Riparian Veg.: D		Landuse: NO																							

MAPS		
Map Type	Map #	Year
TRIM	093M.074	1995

FDIS Fish Card

Shelagyte River Planning Area

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

Reach # 1.0 ILP Map # 093M.074 ILP # 10630

WATERBODY									
Gazetted Name:					Local: None				
Project Code: 480-000000-00000-00000-0000-000-000-000-000-000-0									
WS Code: 000-000000-00000-00000-0000-000-000-000-000-000-000									
Waterbody ID:					ILP Map #: 093M.074		ILP #: 10630		Reach #: 1 -
Project ID: 1550					Lake/Stream: S		Lake From Date:		

Fish Permit #: 145084K Date: 2001/08/09 To: 2001/08/09 Agency: C172 Crew: JH/JA Resample: ☐

SITE / METHOD									
Site#	NID Map	NID #	UTM:Zone/East/North/Mtd		MTD/NO	Temp	Cond	Turbid	Comment
241	093M.074	20041			GPU EF 1	8	40	C	

A. GEAR SETTINGS							
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment
241	EF	1	2001/08/09	14:20	2001/08/09	14:50	

C. ELECTROFISHER SPECIFICATIONS											
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model
241	EF	1	1	O	145	100.0	1.0	700	70	6	SMITH ROOT

FISH SUMMARY										
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)		FishAct	Comment
241	EF	1	1	RB	J	1+	5	90 110	R	
241	EF	1	1	BT	J	1+	7	85 100	R	
241	EF	1	1	DV	J	1+	4	80 100	R	

INDIVIDUAL FISH DATA																	
Site#	MTD/NO		H/P	Species	Length	Weight	Sex	Mat	Age			Vch#	Genetic		Roll #	Frame#	Comment
									Str	Smpl#	Age		Str	Smpl#			
241	EF	1	1	DV	80		U	U									
241	EF	1	1	DV	85		U	U									
241	EF	1	1	DV	85		U	U									
241	EF	1	1	DV	100		U	U									
241	EF	1	1	BT	85		U	U									
241	EF	1	1	BT	90		U	U									
241	EF	1	1	BT	95		U	U									
241	EF	1	1	BT	95		U	U									
241	EF	1	1	BT	90		U	U									
241	EF	1	1	BT	85		U	U									
241	EF	1	1	BT	100		U	U									
241	EF	1	1	RB	90		U	U									
241	EF	1	1	RB	90		U	U									
241	EF	1	1	RB	100		U	U									
241	EF	1	1	RB	95		U	U									
241	EF	1	1	RB	110		U	U									

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-40600-00000-0000-0000-000-000-000-000-000

Reach # ILP Map # ILP #
4.0

STREAM REFERENCING

Gazetted Name: Local Name:
Watershed Code: 480-195700-40600-00000-0000-0000-000-000-000-000-000-000 ILP Map #: ILP #:

REACH

Reach #: 4.0 UTM(Zone/East/North): 9.610380.6185445 Sample Type: Biased
Length (km): 2.69 Coupling: Coupled Magnitude: 23 BGC Zone: SBS
Gradient (%): 4.2 Confinement: Frequently Confin Order: 3 Open water: Absent
US Elev (m): 988 Islands: NONE Riparian Vegetation: Coniferous
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural

SITE

Site #: 242 Field UTM .. Agency: C172 Crew: JH/JA Date: 2001/08/09
Site Length (m): 450 GIS UTM 9.610130.6183162 Agency Name: Triton Environmental Consultants (Terrace)

CHANNEL

No Vis.Ch.: ☐ Intermittent: ☐
Dewatered: ☐ Tribs.: ☐
Stage: Low ☐
Med ☒
High ☐ Temp (C): 8 pH: 7.6 Conductivity: 40
Turbidity: Turbid ☐ Low ☐
Moderate ☐ Clear ☒

	Avg	Min	Max	#
Channel Width (m):	4.33	3.8	5.1	6
Wetted Width (m):	3.42	2.400	4.300	6
Bankfull Depth (m):	0.50	0.4	0.6	3

	Avg	Min	Max	#
Gradient %:	2.50	2	3	2
Pool Depth (m):	0.38	0.300	0.5	6

MORPHOLOGY

Bed Material: Dominant: Gravels D95 (cm): 5.00 Bars: Non ☐ Side ☒ Diagonal ☐ Mid-channel ☐ Span ☐
Subdominant: Fines D (cm): 5.00 Braid ☐
Channel Pattern: Irregular, Wandering Islands: None
Coupling: Decoupled DISTURBANCE INDICATORS O1 B1 B2 B3 D1 D2 D3
Confinement: Occasionally Confine C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Morphology: RP Riffle Pool

COVER

Total Cover: Moderate
LWD: Abundant
LWD Dist: Clumped

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	N	T	N	T	S	D	N
Location: P/S/O:	☐	☒	☐	☒	☒	☒	☐

Right Bank: Shape: Undercut Texture: Fines ☒ Gravel ☐ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐ Crown Closure
Left Bank: Shape: Undercut Texture: Fines ☒ Gravel ☐ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐ 21-40%
Right Bank: Rip.Veg: Deciduous Stage: Pole-sapling stage
Left Bank: Rip.Veg: Stage: Pole-sapling stage Instream Veg: None ☒ Algae ☐ Moss ☐ Vascular ☐

FEATURES

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)
093M.074	21008	F	15.0	GE	2	GE	R: 23 F: 24 L:	#:	9.609851.6183

Comments: Falls

FISH

Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
242	EF	1	450	627 sec	700	NFC	0		

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-40600-00000-00000-00000-00000-00000-00000

Reach # 4.0 ILP Map # ILP # 1550 Site 242

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-00000-00000-00000-00000-00000-00000

Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 480-195700-40600-00000-00000-00000-00000-00000-00000-00000
Local Name: None
ILP Map #: ILP #: NID Map #: 093M.074 NID #: 20042 Reach #: 4.0 Site #: 242
Field UTM (Z.E.N): .. Method: Site Lg: 450 Method: MAP Access: H
GIS UTM (Z.E.N): 9.610130.6183162 Ref. Name:
Date: 2001/08/09 Time: 15:00 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg
Channel Width (m):	MS	4.60	4.10	3.80	4.40	4.00	5.10					4.33
Wetted Width (m):	MS	2.80	2.40	3.30	4.30	4.20	3.50					3.42
Pool Depth (m):	MS	0.40	0.30	0.30	0.50	0.40	0.40					0.38

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

Wb Depth: .6 .4 .5 Avg: 0.50 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	N	T	S	D	N
Loc: P/S/O:	☐	☒	☐	☒	☒	☒	☐

CROWN CLOSURE
2 21-40%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

LWD: A DIST: C

LB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: D

STG: PS

RB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: D

STG: PS

WATER

EMS: Temp: 8 Method: T4 Req #: Cond.: 40 Method: S3
pH: 7.6 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: Rafted debris Method: GE

MORPHOLOGY

Bed Material: Dominant: G Subdom: F O1 B1 B2 B3 D1 D2 D3
D95: 5.00 D (cm): 5.00 Morph: RP DISTURBANCE INDICATORS
Pattern: IR 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
093M.074	21008	F	15.0	GE	2	GE	R: 23 F: 24 L:	#:	9.609851.6183184	GIS
Comments: Falls										

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Potential-pools may be deep enough to provide overwintering habitat
Rearing Habitat	Moderate-associated with cover, flows, pools
Spawning Habitat	Moderate-associated with substrates and moderate flows

Shelagyote River Planning Area

Reach #	ILP Map #	ILP #	Site
4.0			242

PHOTOS						
Photo			Foc Lg	Dir	Comments	
R:	23	F:	22	STD	U	Upstream photo of heavily overgrown section
R:	23	F:	23	STD	D	Downstream photo of heavily overgrown section
R:	23	F:	24	STD	U	Photo of falls
COMMENTS						
Section			Comments			
CHANNEL			Section sampled immediately upstream of falls			
CHANNEL			No fish caught			

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-40600-00000-0000-0000-000-000-000-000-000

Reach # 4.0
ILP Map #
ILP #

WATERBODY													
Gazetted Name:										Local: None			
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0													
WS Code: 480-195700-40600-00000-0000-0000-000-000-000-000													
Waterbody ID:				ILP Map #:				ILP #:		Reach #:		4 -	
Project ID: 1550				Lake/Stream: S				Lake From Date:					
Fish Permit #:		145084K		Date: 2001/08/09		To: 2001/08/09		Agency: C172		Crew: JH/JA		Resample: ☐	
SITE / METHOD													
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment			
242	093M.074	20042				GPU EF 1	8	40	C				
A. GEAR SETTINGS													
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment						
242	EF	1	1	2001/08/09	15:00	2001/08/09	15:50						
C. ELECTROFISHER SPECIFICATIONS													
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model		
242	EF	1	1	O	627	450.0	4.0	700	J	7	SMITH ROOT	12B	
FISH SUMMARY													
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment				
242	EF	1	1	NFC		0							



Site #242, Upstream photo of heavily overgrown section.
Roll #23, Frame #22, Date: 2001/08/09



Site #242, Downstream photo of heavily overgrown section.
Roll #23, Frame #23, Date: 2001/08/09



Site #242, Photo of falls.
Roll #23, Frame #24, Date: 2001/08/09

FDIS Reach/Site Summary

Shelagyote River Planning Area

Reach # ILP Map # ILP #

Watershed Code: 480-195700-34400-00000-00000-00000-00000-00000-00000

3.0

STREAM REFERENCING									
Gazetted Name:					Local Name:				
Watershed Code: 480-195700-34400-00000-00000-00000-00000-00000-00000					ILP Map #:		ILP #:		
REACH									
Reach #: 3.0		UTM (Zone/East/North): 9.612763.6178557				Sample Type: Biased			
Length (km): 2.23		Coupling: Decoupled		Magnitude: 38		BGC Zone: SBS			
Gradient (%): 1.4		Confinement: Occasionally Conf		Order: 4		Open water: Present			
US Elev (m): 947		Islands: NONE		Riparian Vegetation: Coniferous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 243		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/09	
Site Length (m): 150		GIS UTM 9.612453.6179050		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max	
Dewatered: ☐		Tribes.: ☐		Channel Width (m): 5.20		4.5		6.2	
Stage: Low ☐				Wetted Width (m): 5.27		4.2		6.5	
Med ☒				Bankfull Depth (m): 0.67		0.5		0.8	
High ☐									
Temp (C): 10		pH: 7.2		Conductivity: 20					
				Avg		Min		Max	
				Gradient %: 2.50		2		3	
				Pool Depth (m): 0.42		0.300		0.5	
				Turbidity: Turbid ☐		Low ☐			
				Moderate ☐		Clear ☒			
MORPHOLOGY									
Bed Material: Dominant: Cobble		D95 (cm): 70.00		Bars: Non ☐		Side ☒		Diagonal ☐	
Subdominant: Gravels		D (cm): 5.00						Mid-channel ☐	
Channel Pattern: Irregular, Wandering		Islands: None		DISTURBANCE		O1		B1	
Coupling: Partially Coupled				INDICATORS		B2		B3	
Confinement: Occasionally Confine						D1		D2	
Morphology: RP Riffle Pool						D3			
				C1		C2		C3	
				C4		C5		S1	
				S2		S3		S4	
				S5					
COVER									
Total Cover: Moderate		Type: SWD		LWD		B		U	
LWD: Few		Amount: N		T		T		S	
LWD Dist: Clumped		Location: P/S/O: ☐		☒		☒		☒	
				☒		☒		☒	
Right Bank: Shape: Undercut		Texture: Fines ☒		Gravel ☒		Cobble ☐		Boulder ☐	
Left Bank: Shape: Undercut		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐	
Right Bank: Rip.Veg: Mixed C/D				Stage: Mature forest					
Left Bank: Rip.Veg:				Stage: Mature forest		Instream Veg: None ☐		Algae ☐	
						Moss ☒		Vascular ☐	
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
243	EF	1	150	132 sec	600	RB	6	80	100

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-34400-00000-00000-000-000-000-000-000

Reach # 3.0 ILP Map # ILP # 1550 Site 243

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-00000-000-000-000-000-000

Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 480-195700-34400-00000-00000-000-000-000-000-000
ILP Map#: ILP #: NID Map #: 093M.074 NID #: 20043 Reach #: 3.0 Site #: 243
Field UTM (Z.E.N): .. Method: Site Lg: 150 Method: MAP Access: H
GIS UTM (Z.E.N): 9.612453.6179050 Ref. Name:
Date: 2001/08/09 Time: 16:00 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	MS	4.50	5.00	6.20	5.10	5.80	4.60					5.20	Method I:	2.0	3.0	C	2.50
Wetted Width (m):	MS	4.30	5.30	6.50	5.00	6.30	4.20					5.27	Method II:			C	
Pool Depth (m):	MS	0.50	0.40	0.40	0.30	0.50	0.40					0.42					

Wb Depth: .8 .7 .5 Avg: 0.67 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	T	S	D	T	N
Loc: P/S/O:	☐	☒	☒	☒	☒	☒	☐

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☐ A ☐ M ☒ V ☐

LWD: F DIST: C

LB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

RB SHP: U

Texture: F ☒ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS:
Temp: 10
pH: 7.2
Flood Signs: Rafted debris

Method: T4
Method: P2
Method: GE

Req #:
Cond.: 20
Turb.: T ☐ M ☐ L ☐ C ☒
Method: S3
Method: GE

MORPHOLOGY

Bed Material: Dominant: C Subdom: G
D95: 70.0 D (cm): 5.00 Morph: RP
Pattern: IR
Islands: N
Coupling: PC
Confinement: OC
FSZ: ☐

O1 B1 B2 B3 D1 D2 D3
☐ ☐ ☐ ☐ ☐ ☐ ☐
DISTURBANCE INDICATORS
C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Moderate-deep pools and potential perennial flows
Rearing Habitat	Moderate-associated with pools, cover, flows
Spawning Habitat	Moderate-associated with suitable substrates, flows

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 24 F: 1	STD	U	Upstream photo of typical riffle pool habitat found in stream
R: 24 F: 2	STD	D	Downstream photo of expanded section within site

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-34400-00000-0000-0000-000-000-000-000-000

Reach #	ILP Map #	ILP #	Site
3.0			243

COMMENTS	
Section	Comments
CHANNEL	RB captured

FDIS Fish Card

Shelagyte River Planning Area

Watershed Code: 480-195700-34400-00000-0000-0000-000-000-000-000-000

Reach # 3.0
ILP Map #
ILP #

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0															
WS Code: 480-195700-34400-00000-0000-0000-000-000-000-000-000															
Waterbody ID:				ILP Map #:				ILP #:		Reach #: 3 -					
Project ID: 1550				Lake/Stream: S				Lake From Date:							
Fish Permit #:		145084K		Date: 2001/08/09		To: 2001/08/09		Agency: C172		Crew: JH/JA		Resample: ☐			
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment					
243	093M.074	20043				GPU EF 1	10	20	C						
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
243	EF	1	2001/08/09	16:00	2001/08/09	16:50									
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
243	EF	1	1	O	132	150.0	600	J	7	SMITH ROOT	12B				
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)		FishAct	Comment					
243	EF	1	1	RB	J	1+	6	80 100	R						
INDIVIDUAL FISH DATA															
Site#	MTD/NO	H/P	Species	Length	Weight	Sex	Mat	Age Str/Smpl#//Age		Vch#	Genetic Str/Smpl#		Roll #	Frame#	Comment
243	EF	1	1	RB	80		U	U							
243	EF	1	1	RB	80		U	U							
243	EF	1	1	RB	85		U	U							
243	EF	1	1	RB	90		U	U							
243	EF	1	1	RB	90		U	U							
243	EF	1	1	RB	100		U	U							



Site #243, Upstream photo of typical riffle pool habitat found in stream.
Roll #24, Frame #1, Date: 2001/08/09



Site #243, Downstream photo of expanded section within site.
Roll #24, Frame #2, Date: 2001/08/09

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-34400-00000-00000-00000-00000-00000-000

Reach # ILP Map # ILP #
8.0

STREAM REFERENCING											
Gazetted Name:						Local Name:					
Watershed Code: 480-195700-34400-00000-00000-00000-00000-00000-000						ILP Map #:		ILP #:			
REACH											
Reach #: 8.0		UTM(Zone/East/North): 9.613833.6184977				Sample Type: Biased					
Length (km): .94		Coupling: Decoupled		Magnitude: 8		BGC Zone: SBS					
Gradient (%): 3.7		Confinement: Occasionally Conf		Order: 3		Open water: Absent					
US Elev (m): 1160		Islands: NONE		Riparian Vegetation: Coniferous							
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural											
SITE											
Site #: 244		Field UTM ..		Agency: C172		Crew: JH/JA		Date: 2001/08/10			
Site Length (m): 310		GIS UTM 9.613793.6184566		Agency Name: Triton Environmental Consultants (Terrace)							
CHANNEL											
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max		#	
Dewatered: ☐		Tribes.: ☐		Channel Width (m): 1.65		1.3		2.1		6	
Stage: Low ☐				Wetted Width (m): 1.50		1.4		1.600		6	
Med ☒				Bankfull Depth (m): 0.53		0.5		0.6		3	
High ☐		Temp (C): 7		pH: 6.4		Conductivity: 30					
								Turbidity: Turbid ☐		Low ☐	
								Moderate ☐		Clear ☒	
MORPHOLOGY											
Bed Material: Dominant: Cobble		D95 (cm): 40.00		Bars: Non ☐		Side ☒		Diagonal ☐		Mid-channel ☐ Span ☐	
Subdominant: Gravels		D (cm): 5.00								Braid ☐	
Channel Pattern: Irregular, Wandering		Islands: None		DISTURBANCE		O1		B1		B2 B3 D1 D2 D3	
Coupling: Decoupled				INDICATORS		☐		☐		☐	
Confinement: Occasionally Confine				C1 C2 C3 C4 C5 S1 S2 S3 S4 S5		☐		☐		☐	
Morphology: RP Riffle Pool						☐		☐		☐	
COVER											
Total Cover: Moderate		Type: SWD		LWD		B		U		DP OV IV	
LWD: Few		Amount: N		N		T		D		T S N	
LWD Dist: Clumped		Location: P/S/O:		☐		☐		☒		☒	
Right Bank: Shape: Undercut		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐		Rock ☐ Manmade ☐	
Left Bank: Shape: Undercut		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐		Rock ☐ Manmade ☐	
Right Bank: Rip.Veg: Shrubs		Stage: Shrub/herb stage								Crown Closure 1-20%	
Left Bank: Rip.Veg:		Stage: Shrub/herb stage								Instream Veg: None ☐ Algae ☐ Moss ☒ Vascular ☐	
FEATURES											
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo		AirPhoto		UTM (Z/E/N)
093M.075	21009	F	12.0	GE	12	GE	R: 24	F: 3	L:	#:	9.613666.6184
Comments: 3 sets each approximately 4 m high											
FISH											
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)		
244	EF	1	310	518 sec	700	NFC	0				

FDIS Site Card

Shelagoyte River Planning Area

Watershed Code: 480-195700-34400-00000-0000-0000-000-000-000-000

Reach # 8.0 ILP Map # ILP # 1550 Site # 244

PROJECT

Project Name: Shelagoyte Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000

Project Code: 1550

WATERSHED

Gazetted Name: Local Name: None
Watershed Code: 480-195700-34400-00000-00000-0000-000-000-000-000-000
ILP Map#: ILP #: NID Map #: 093M.075 NID #: 20044 Reach #: 8.0 Site #: 244
Field UTM (Z.E.N): .. Method: Site Lg: 310 Method: MAP Access: H
GIS UTM (Z.E.N): 9.613793.6184566 Ref. Name:
Date: 2001/08/10 Time: 09:00 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg
Channel Width (m):	MS	1.60	1.80	1.40	2.10	1.30	1.70					1.65	Method I:	4.0	3.0	C 3.50
Wetted Width (m):	MS	1.50	1.60	1.50	1.40	1.40	1.60					1.50	Method II:			C
Pool Depth (m):	MS	0.40	0.30	0.50	0.40	0.30	0.30					0.37				

Wb Depth: .5 .5 .6 Avg: 0.53 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	N	T	D	T	S	N
Loc: P/S/O:	☐	☐	☒	☒	☒	☒	☐

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☐ A ☐ M ☒ V ☐

LWD: F DIST: C

LB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

RB SHP: U

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: S

STG: SHR

WATER

EMS: Temp: 7 Method: T4 Req #: Cond.: 30 Method: S3
pH: 6.4 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: None Method: GE

MORPHOLOGY

Bed Material: Dominant: C Subdom: G O1 B1 B2 B3 D1 D2 D3
D95: 40.0 D (cm): 5.00 Morph: RP DISTURBANCE INDICATORS
Pattern: IR 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
093M.075	21009	F	12.0	GE	12	GE	R: 24 F: 3 L:	#:	9.613666.6184444	GIS

Comments: 3 sets each approximately 4 m high

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Low-pools present may provide some overwintering potential
Rearing Habitat	Moderate-associated with cover, flows, pools
Spawning Habitat	Low-limited by coarse substrates

Shelagyote River Planning Area

Reach #	ILP Map #	ILP #	Site
8.0			244

PHOTOS						
Photo			Foc Lg	Dir	Comments	
R:	24	F:	3	STD	D	Photo of falls-3 sets each approximately 4 m high
R:	24	F:	4	STD	U	Upstream photo of habitat within site
R:	24	F:	5	STD	D	Downstream photo of habitat within site
COMMENTS						
Section			Comments			
CHANNEL			No fish caught			

FDIS Fish Card

Shelagyte River Planning Area

Watershed Code: 480-195700-34400-00000-0000-0000-000-000-000-000-000

Reach # 8.0
ILP Map #
ILP #

WATERBODY														
Gazetted Name:										Local: None				
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0														
WS Code: 480-195700-34400-00000-0000-000-000-000-000-000														
Waterbody ID:										ILP Map #:		ILP #:	Reach #:	8 -
Project ID: 1550										Lake/Stream: S		Lake From Date:		
Fish Permit #:		145084K		Date: 2001/08/10		To: 2001/08/10		Agency: C172		Crew: JH/JA		Resample: ☐		
SITE / METHOD														
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment				
244	093M.075	20044				GPU EF 1	7	30	C					
A. GEAR SETTINGS														
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment							
244	EF	1	2001/08/10	08:50	2001/08/10	09:45								
C. ELECTROFISHER SPECIFICATIONS														
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model			
244	EF	1	1	O	518	310.0	1.5	700	J	7	SMITH ROOT	12B		
FISH SUMMARY														
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment					
244	EF	1	1	NFC		0								



Site #244, Photo of falls-3 sets each approximately 4 m high.
Roll #24, Frame #3, Date: 2001/08/10



Site #244, Upstream photo of habitat within site.
Roll #24, Frame #4, Date: 2001/08/10



Site #244, Downstream photo of habitat within site.
Roll #24, Frame #5, Date: 2001/08/10

FDIS Reach/Site Summary

Shelagvote River Planning Area

Watershed Code: 480-195700-16200-56500-0000-0000-000-000-000-000-000

Reach # ILP Map # ILP #

3.0

STREAM REFERENCING											
Gazetted Name:						Local Name:					
Watershed Code: 480-195700-16200-56500-0000-0000-000-000-000-000-000						ILP Map #:		ILP #:			
REACH											
Reach #: 3.0		UTM(Zone/East/North): 9.615934.6173813				Sample Type: Biased					
Length (km): .25		Coupling: Decoupled		Magnitude: 1		BGC Zone: SBS					
Gradient (%): 2.4		Confinement: Occasionally Conf		Order: 1		Open water: Absent					
US Elev (m): 1001		Islands: NONE		Riparian Vegetation: Coniferous							
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural											
SITE											
Site #: 245		Field UTM ...		Agency: C172		Crew: JH/JA		Date: 2001/08/10			
Site Length (m): 100		GIS UTM 9.615892.6173849		Agency Name: Triton Environmental Consultants (Terrace)							
CHANNEL											
No Vis.Ch.: ☐		Intermittent: ☒				Avg		Min		Max	
Dewatered: ☐		Tribes.: ☐									
Stage: Low ☒				Channel Width (m):		1.53		1.3		1.9	
Med ☐				Wetted Width (m):		0.57		0.200		0.9	
High ☐				Bankfull Depth (m):		0.43		0.4		0.5	
		Temp (C): 8		pH: 7.2		Conductivity: 50					
								Turbidity: Turbid ☐		Low ☐	
								Moderate ☐		Clear ☒	
MORPHOLOGY											
Bed Material: Dominant: Fines		D95 (cm): 40.00		Bars: Non ☒		Side ☐		Diagonal ☐		Mid-channel ☐	
Subdominant: Boulders		D (cm): 5.00								Span ☐	
Channel Pattern: Irregular, Wandering		Islands: None		DISTURBANCE		O1		B1		B2	
Coupling: Decoupled				INDICATORS						B3	
Confinement: Occasionally Confine						C1		C2		C3	
Morphology: CP Cascade Pool										S1	
										S2	
										S3	
										S4	
										S5	
COVER											
Total Cover: Moderate		Type: SWD		LWD		B		U		DP	
LWD: Few		Amount: T		S		N		N		N	
LWD Dist: Clumped		Location: P/S/O:									
										FSZ: ☐	
Right Bank: Shape: V - shape		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐		Rock ☐	
Left Bank: Shape: V - shape		Texture: Fines ☒		Gravel ☐		Cobble ☐		Boulder ☐		Rock ☐	
Right Bank: Rip.Veg: Deciduous		Stage: Pole-sapling stage								Crown Closure	
Left Bank: Rip.Veg:		Stage: Pole-sapling stage								21-40%	
				Instream Veg: None ☐		Algae ☐		Moss ☒		Vascular ☐	

FDIS Site Card

Shelagyte River Planning Area

Watershed Code: 480-195700-16200-56500-0000-0000-000-000-000-000-000

Reach # 3.0 ILP Map # ILP # Site 245

PROJECT

Project Name: Shelagyte Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: Local Name: None
Watershed Code: 480-195700-16200-56500-0000-0000-000-000-000-000-000
ILP Map#: ILP #: NID Map #: 093M.065 NID #: 20045 Reach #: 3.0 Site #: 245
Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: MAP Access: H
GIS UTM (Z.E.N): 9.615892.6173849 Ref. Name:
Date: 2001/08/10 Time: 10:00 Agency: C172 Crew: JH/JA Fish Crd?: ☐ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	MS	1.40	1.60	1.30	1.70	1.90	1.30					1.53	Method I:	4.0	3.0	C	3.50
Wetted Width (m):	MS	0.60	0.50	0.20	0.80	0.40	0.90					0.57	Method II:			C	
Pool Depth (m):	MS	0.10	0.10	0.10	0.10							0.10					

Wb Depth: .4 .5 .4 Avg: 0.43 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	S	N	N	N	D	N
Loc: P/S/O:	☐	☐	☐	☐	☐	☐	☐

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: D

STG: PS

RB SHP: V

Texture: F ☒ G ☐ C ☐ B ☐ R ☐ A ☐

RIP: D

STG: PS

WATER

EMS: Req #: 50
Temp: 8 Method: T4 Cond.: 50 Method: S3
pH: 7.2 Method: P2
Flood Signs: None Method: GE Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE

MORPHOLOGY

Bed Material: Dominant: F Subdom: B
D95: 40.0 D (cm): 5.00 Morph: CP
Pattern: IR
Islands: N
Coupling: DC
Confinement: OC
FSZ: ☐
DISTURBANCE INDICATORS
O1 B1 B2 B3 D1 D2 D3
☐ ☐ ☐ ☐ ☐ ☐ ☐
C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Bars: N ☒ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	None
Spawning Habitat	None
Rearing Habitat	None

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 24 F: 6 STD U			Upstream photo of typical overgrown habitat found throughout site
R: 24 F: 7 STD D			Downstream photo of typical overgrown habitat found throughout site

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-16200-56500-0000-0000-000-000-000-000-000

Reach #

ILP Map #

ILP #

Site

3.0

245

COMMENTS

Section	Comments
CHANNEL	Non sampled
CHANNEL	Upstream wetland could potentially contain fish-dimples observed on lake surface- likely coarse fish



Site #245, Upstream photo of typical overgrown habitat found throughout site.
Roll #24, Frame #6, Date: 2001/08/10



Site #245, Downstream photo of typical overgrown habitat found throughout site.
Roll #24, Frame #7, Date: 2001/08/10

FDIS Reach Card

Shelagyte River Planning Area

Watershed Code: 480-195700-02400-00000-00000-00000-00000-00000-000

Reach # 8.0
ILP Map #
ILP #

PROJECT									
Project Name: Shelagyte Inventory					Project Code: 1550				
Stream Name (gaz.): BABINE RIVER									
Project Watershed Code: 480-000000-00000-00000-00000-00000-00000-00000-000									
WATERSHED									
Reach Watershed Code: 480-195700-02400-00000-00000-00000-00000-00000-00000-000									
ILP Map #:		ILP #:		Reach #: 8.0		NID Map #: 093M.065		NID #: 19074	
Air Photos		Names		UTM(Zone/East/North/Method)				GIS	
LINE: 30BCB92093		Gaz.:		9.619628.6170966					
#: 54		Local:		Sample Type: B		Welland: ☐			
SURVEY INFO									
Date: 2001/07/11			Agency: C172			Crew: JH/JA			
ATTRIBUTES									
Length (km): .18		Gradient: 2.78		Setting: MP		DISTURBANCE			
DS Elev.: 919		Order: 1		Open water: A		INDICATORS			
US Elev.: 924		Magnitude: 1		Confinement: OC		C1 C2 C3 C4 C5 S1 S2 S3 S4 S5			
		BGC Zone: SBS		Coupling: DC		☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐			
Valley Flat: N		C/D:		Islands: N					
Active Floodplain Visible: ☐		Est. Width:		Bars: ☒ N ☐ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR					
Channel Pattern: SI				Mass Movement: L		Exposed/Eroded: NS			
				Riparian Veg.: C		Landuse: NO			

MAPS		
Map Type	Map #	Year
TRIM	093M.065	1990

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-02400-00000-0000-0000-000-000-000-000-000

Reach # 8.0
ILP Map #
ILP #

WATERBODY														
Gazetted Name:										Local: None				
Project Code: 480-000000-00000-00000-0000-000-000-000-000-000-0														
WS Code: 480-195700-02400-00000-0000-0000-000-000-000-000-000														
Waterbody ID:					ILP Map #:					ILP #:		Reach #: 8 -		
Project ID: 1550					Lake/Stream: S					Lake From Date:				
Fish Permit #:		145084K		Date: 2001/08/10		To: 2001/08/10		Agency: C172		Crew: JH/JA		Resample: ☐		
SITE / METHOD														
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment				
246	093M.065	20046				GPU EF 1	7	40	C					
A. GEAR SETTINGS														
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment							
246	EF	1	1	2001/08/10	11:00	2001/08/10	12:00							
C. ELECTROFISHER SPECIFICATIONS														
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model			
246	EF	1	1	O	273	100.0	1.0	700	J	7	SMITH ROOT	12B		
FISH SUMMARY														
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment					
246	EF	1	1	NFC		0								
COMMENTS														
Section			Comments											
WATERBODY			Upstream lake could potentially support fish-likely coarse fish species-nothing observed rising											

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-160900-00000-00000-0000-000-000-000-000-000-000

Reach # ILP Map # ILP #

2.0

STREAM REFERENCING

Gazetted Name: LE CLAIR CREEK

Local Name:

Watershed Code: 480-160900-00000-00000-0000-000-000-000-000-000-000

ILP Map #:

ILP #:

REACH

Reach #: 2.0

UTM(Zone/East/North): 9.611205.6168388

Sample Type: Random

Length (km): 6.38

Coupling: Coupled

Magnitude: 93

BGC Zone: SBS

Gradient (%): 5.3

Confinement: Entrenched

Order: 4

Open water: Absent

US Elev (m): 885

Islands: NONE

Riparian Vegetation: Coniferous

Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural

SITE

Site #: 247

Field UTM ..

Agency: C172

Crew: JH/JA

Date: 2001/08/10

Site Length (m): 420

GIS UTM 9.613680.6164175

Agency Name: Triton Environmental Consultants (Terrace)

CHANNEL

No Vis.Ch.: ☐ Intermittent: ☐

Dewatered: ☐ Tribs.: ☐

Stage: Low ☒

Med ☐

High ☐

Temp (C): 10

pH: 7.4

Conductivity: 40

	Avg	Min	Max	#
Channel Width (m):	9.20	8.600	10.10	6
Wetted Width (m):	6.05	4.6	8.100	6
Bankfull Depth (m):	0.73	0.6	0.9	3

	Avg	Min	Max	#
Gradient %:	6.00	5	7	2
Pool Depth (m):	0.63	0.5	0.800	6

Turbidity.: Turbid ☐ Low ☐

Moderate ☐ Clear ☒

MORPHOLOGY

Bed Material: Dominant: Boulders

D95 (cm): 85.00

Bars: Non ☐

Side ☒

Diagonal ☐

Mid-channel ☐

Span ☐

Subdominant: Cobble

D (cm): 25.00

Braid ☐

Channel Pattern: Irregular, Wandering

Islands: None

DISTURBANCE

O1 B1 B2 B3 D1 D2 D3

Coupling: Coupled

INDICATORS

☐ ☐ ☐ ☐ ☐ ☐ ☐

Confinement: Frequently Confined

C1 C2 C3 C4 C5 S1 S2 S3 S4 S5

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Morphology: CP Cascade Pool

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

COVER

Total Cover: Moderate

LWD: Few

LWD Dist: Clumped

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	N	S	T	T	D	T	N
Location: P/S/O:	☐	☒	☒	☒	☒	☒	☐

FSZ: ☐

Right Bank: Shape: V - shape

Texture: Fines ☐ Gravel ☒ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐

Crown Closure

Left Bank: Shape: V - shape

Texture: Fines ☐ Gravel ☒ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐

1-20%

Right Bank: Rip.Veg: Mixed C/D

Stage: Mature forest

Left Bank: Rip.Veg:

Stage: Mature forest

Instream Veg: None ☒ Algae ☐ Moss ☐ Vascular ☐

FEATURES

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)
093M.064	21021	F	20.0	GE		MAP	R: F: L: #:		9.613088.6164
Comments: Barrier to fish									
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)
093M.064	21020	F	5.0	GE		MAP	R: F: L: #:		9.611192.6168
Comments: Barrier to fish									

FISH

Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
247	EF	1	420	190 sec	700	RB	22	30	95

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-160900-00000-00000-0000-000-000-000-000-000-000

Reach # 2.0 ILP Map # ILP # 1550 Site 247

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000

Project Code: 1550

WATERSHED

Gazetted Name: LE CLAIR CREEK Local Name: Le Clair Creek
Watershed Code: 480-160900-00000-00000-0000-000-000-000-000-000-000
ILP Map#: ILP #: NID Map #: 093M.065 NID #: 20047 Reach #: 2.0 Site #: 247
Field UTM (Z.E.N): .. Method: Site Lg: 420 Method: MAP Access: H
GIS UTM (Z.E.N): 9.613680.6164175 Ref. Name:
Date: 2001/08/10 Time: 13:00 Agency: C172 Crew: JH/JA Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	MS	9.30	10.10	8.60	8.90	8.80	9.50					9.20	Method I:	5.0	7.0	C	6.00
Wetted Width (m):	MS	4.60	7.30	5.20	4.80	6.30	8.10					6.05	Method II:			C	
Pool Depth (m):	MS	0.60	0.80	0.70	0.60	0.60	0.50					0.63					

Wb Depth: .9 .6 .7 Avg: 0.73 Method: MS Stage: L ☒ M ☐ H ☐

No Vis.Ch.: ☐ Intermittent: ☐
Dw: ☐ Tribes: ☐

COVER Total: M

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	N	S	T	T	D	T	N
Loc: P/S/O:	☐	☒	☒	☒	☒	☒	☐

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

LWD: F DIST: C

LB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

RB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Temp: 10 pH: 7.4 Flood Signs: Rafted debris Method: T4 Method: P2 Method: GE Req #: Cond.: 40 Turb.: T ☐ M ☐ L ☐ C ☒ Method: S3 Method: GE

MORPHOLOGY

Bed Material: Dominant: B Subdom: C D95: 85.0 D (cm): 25.00 Morph: CP
Pattern: IR Islands: N Coupling: CO Confinement: FC FSZ: ☐
DISTURBANCE INDICATORS
O1 B1 B2 B3 D1 D2 D3
☐ ☐ ☐ ☐ ☐ ☐ ☐
C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

FEATURES

NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)	Method
093M.064	21021	F	20.0	GE		MAP	R: F: L: #:		9.613088.6164830	GIS
Comments: Barrier to fish										
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo	AirPhoto	UTM (Z/E/N)	Method
093M.064	21020	F	5.0	GE		MAP	R: F: L: #:		9.611192.6168403	GIS
Comments: Barrier to fish										

HABITAT QUALITY

Name Comments

Shelagyote River Planning Area

Reach #	ILP Map #	ILP #	Site
2.0			247

HABITAT QUALITY				
Name		Comments		
OverWinter Habitat		Potential exists-deep pools and possible perennial flows		
Rearing Habitat		Moderate-associated with moderately deep pools, LWD and D95-D100 good access		
Spawning Habitat		Low-associated with gravel patches/bar edges and limited by coarse substrates and lack of adult resting (cover)		
PHOTOS				
Photo		Foc Lg	Dir	Comments
R: 24	F: 8	STD	U	Upstream photo of sections of riffle pool habitat found within site
R: 24	F: 9	STD	D	Downstream photo of cascade pool habitat within site
COMMENTS				
Section		Comments		
CHANNEL		Two barriers observed in Reach 2- 5 m falls and 20 m falls. Unable to access these due to steep sided canyon and no hell landing areas. Poor epe for GPS point and point is not right.		

FDIS Fish Card

Shelagoyote River Planning Area

Watershed Code: 480-160900-00000-00000-0000-000-000-000-000-000-000

Reach # 2.0
ILP Map #
ILP #

WATERBODY									
Gazetted Name: LE CLAIR CREEK					Local: Le Clair Creek				
Project Code: 480-000000-00000-00000-0000-000-000-000-000-000-0									
WS Code: 480-160900-00000-00000-0000-000-000-000-000-000-000									
Waterbody ID:			ILP Map #:		ILP #:		Reach #: 2 -		
Project ID: 1550			Lake/Stream: S			Lake From Date:			
Fish Permit #: 145084K		Date: 2001/08/10		To: 2001/08/10		Agency: C172		Crew: JH/JA	Resample: ☐

SITE / METHOD									
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd		MTD/NO	Temp	Cond	Turbid	Comment
247	093M.065	20047			GPU EF 1	10	40	C	

A. GEAR SETTINGS							
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment
247	EF	1	2001/08/10	13:00	2001/08/10	14:20	

C. ELECTROFISHER SPECIFICATIONS											
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model
247	EF	1	1	O	190	420.0	9.0	700	J	7	SMITH ROOT 12B

FISH SUMMARY										
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)		FishAct	Comment
247	EF	1	1	RB	F	0+	4	30	30	R
247	EF	1	1	RB	J	1+	18	80	95	R

INDIVIDUAL FISH DATA																	
Site#	MTD/NO		H/P	Species	Length	Weight	Sex	Mat	Age			Vch#	Genetic		Roll #	Frame#	Comment
									Str/Smpl#/Age				Str/Smpl#				
247	EF	1	1	RB	80		U	U									
247	EF	1	1	RB	80		U	U									
247	EF	1	1	RB	80		U	U									
247	EF	1	1	RB	85		U	U									
247	EF	1	1	RB	85		U	U									
247	EF	1	1	RB	90		U	U									
247	EF	1	1	RB	85		U	U									
247	EF	1	1	RB	95		U	U									
247	EF	1	1	RB	95		U	U									
247	EF	1	1	RB	85		U	U									
247	EF	1	1	RB	80		U	U									
247	EF	1	1	RB	90		U	U									
247	EF	1	1	RB	80		U	U									
247	EF	1	1	RB	85		U	U									
247	EF	1	1	RB	90		U	U									
247	EF	1	1	RB	95		U	U									
247	EF	1	1	RB	90		U	U									
247	EF	1	1	RB	90		U	U									
247	EF	1	1	RB	30		U	U									
247	EF	1	1	RB	30		U	U									
247	EF	1	1	RB	30		U	U									
247	EF	1	1	RB	30		U	U									



Site #247, Upstream photo of sections of riffle pool habitat found within site.
Roll #24, Frame #8, Date: 2001/08/10



Site #247, Downstream photo of cascade pool habitat within site.
Roll #24, Frame #9, Date: 2001/08/10

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-48200-36200-0000-0000-000-000-000-000-000

Reach # ILP Map # ILP #

1.0

STREAM REFERENCING																																														
Gazetted Name:						Local Name:																																								
Watershed Code: 480-195700-48200-36200-0000-0000-000-000-000-000-000						ILP Map #:		ILP #:																																						
REACH																																														
Reach #: 1.0		UTM(Zone/East/North): 9.603386.6185708				Sample Type: Random																																								
Length (km): .59		Coupling: Decoupled		Magnitude: 37		BGC Zone: SBS																																								
Gradient (%): 9.7		Confinement: Unconfined		Order: 4		Open water: Absent																																								
US Elev (m): 932		Islands: NONE		Riparian Vegetation: Deciduous																																										
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural																																														
SITE																																														
Site #: 18		Field UTM 9.603685.6186122		Agency: C172		Crew: JD/EL		Date: 2001/08/06																																						
Site Length (m): 150		GIS UTM 9.603574.6186062		Agency Name: Triton Environmental Consultants (Terrace)																																										
CHANNEL																																														
No Vis.Ch.: ☐		Intermittent: ☐		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Avg</th> <th>Min</th> <th>Max</th> <th>#</th> </tr> </thead> <tbody> <tr> <td>Channel Width (m):</td> <td>6.50</td> <td>5</td> <td>8</td> <td>6</td> </tr> <tr> <td>Wetted Width (m):</td> <td>3.25</td> <td>2.5</td> <td>4</td> <td>6</td> </tr> <tr> <td>Bankfull Depth (m):</td> <td>0.43</td> <td>0.4</td> <td>0.5</td> <td>3</td> </tr> </tbody> </table>					Avg	Min	Max	#	Channel Width (m):	6.50	5	8	6	Wetted Width (m):	3.25	2.5	4	6	Bankfull Depth (m):	0.43	0.4	0.5	3	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Avg</th> <th>Min</th> <th>Max</th> <th>#</th> </tr> </thead> <tbody> <tr> <td>Gradient %:</td> <td>6.00</td> <td>6</td> <td>7</td> <td>4</td> </tr> <tr> <td>Pool Depth (m):</td> <td>0.32</td> <td>0.200</td> <td>0.400</td> <td>6</td> </tr> </tbody> </table>					Avg	Min	Max	#	Gradient %:	6.00	6	7	4	Pool Depth (m):	0.32	0.200	0.400	6
	Avg	Min	Max	#																																										
Channel Width (m):	6.50	5	8	6																																										
Wetted Width (m):	3.25	2.5	4	6																																										
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	Avg	Min	Max	#																																										
Gradient %:	6.00	6	7	4																																										
Pool Depth (m):	0.32	0.200	0.400	6																																										
Dewatered: ☐		Tribes.: ☐																																												
Stage: Low ☐								Turbidity: Turbid ☐ Low ☒																																						
Med ☒								Moderate ☐ Clear ☐																																						
High ☐		Temp (C): 5		pH: 7.9		Conductivity: 50																																								
MORPHOLOGY																																														
Bed Material: Dominant: Boulders		D95 (cm): 95.00		Bars: Non ☐		Side ☒		Diagonal ☐		Mid-channel ☐ Span ☐																																				
Subdominant: Cobble		D (cm): 17.00								Braid ☐																																				
Channel Pattern: Sinuous		Islands: None		DISTURBANCE INDICATORS		O1 ☐		B1 ☐		D3 ☐																																				
Coupling: Coupled						C1 ☐		C2 ☐		C3 ☐																																				
Confinement: Frequently Confined						C4 ☐		C5 ☐		S1 ☐																																				
Morphology: CP Cascade Pool						S2 ☐		S3 ☐		S4 ☐ S5 ☐																																				
COVER																																														
Total Cover: Abundant		Type: SWD		LWD		B		U		DP																																				
LWD: Few		Amount: T		T		D		T		S																																				
LWD Dist: Evenly Distributed		Location: P/S/O:		☒		☒		☒		☒																																				
				☒		☒		☒		☒																																				
Right Bank: Shape: Sloping (g)		Texture: Fines ☐		Gravel ☐		Cobble ☒		Boulder ☒		Rock ☐ Manmade ☐																																				
Left Bank: Shape: Sloping (g)		Texture: Fines ☐		Gravel ☐		Cobble ☒		Boulder ☒		Rock ☐ Manmade ☐																																				
Right Bank: Rip.Veg: Mixed C/D		Stage: Mature forest								Crown Closure 1-20%																																				
Left Bank: Rip.Veg:		Stage: Mature forest								Instream Veg: None ☒ Algae ☐ Moss ☐ Vascular ☐																																				
FEATURES																																														
NID Map	NID	Type	Hgt	Method	Lg	Method	Photo			AirPhoto																																				
093M.084	88026	C	1.8	GE	1	HC	R: 2	F: 11	L:	#:	UTM (Z/E/N)																																			
Comments: C1											9.603431.6185																																			

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-48200-36200-0000-0000-000-000-000-000-000

Reach # ILP Map # ILP #

1.0

SITE									
Site #: 248		Field UTM ..		Agency: C172		Crew: DT/JA		Date: 2001/08/20	
Site Length (m): 500		GIS UTM 9.603521.6185919		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐	Intermittent: ☐			Avg	Min	Max	#		
Dewatered: ☐	Trips.: ☐							Avg	Min
Stage: Low ☐		Channel Width (m):		9.83	7	13	6	Gradient %:	1.75
Med ☒		Wetted Width (m):		8.03	1.200	13	6	Pool Depth (m):	0.62
High ☐		Bankfull Depth (m):		0.83	0.6	1.1	3		
Temp (C): 4		pH: 8.3		Conductivity: 30		Turbidity: Turbid ☐		Low ☐	
						Moderate ☐		Clear ☒	
MORPHOLOGY									
Bed Material: Dominant: Cobble		D95 (cm): 52.00		Bars: Non ☐		Side ☒		Diagonal ☐	
Subdominant: Gravels		D (cm): 5.00				Mid-channel ☐		Span ☐	
Channel Pattern: Sinuous		Islands: Occasional		DISTURBANCE		O1		B1	
Coupling: Decoupled				INDICATORS		B2		B3	
Confinement: Unconfined						D1		D2	
Morphology: CP Cascade Pool						D3			
				C1		C2		C3	
				C4		C5		S1	
				S2		S3		S4	
				S5					
COVER									
Total Cover: Moderate		Type: SWD		LWD		B		U	
LWD: Few		Amount: T		D		S		T	
LWD Dist: Evenly Distributed		Location: P/S/O:		☒		☒		☒	
				☒		☒		☒	
Right Bank: Shape: Undercut		Texture: Fines ☐		Gravel ☐		Cobble ☒		Boulder ☐	
Left Bank: Shape: Undercut		Texture: Fines ☐		Gravel ☒		Cobble ☐		Boulder ☐	
Right Bank: Rip.Veg: Mixed C/D		Stage: Mature forest		Rock ☐		Manmade ☐		Crown Closure	
Left Bank: Rip.Veg:		Stage: Mature forest		Instream Veg: None ☒		Algae ☐		Moss ☐	
								Vascular ☐	
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
18	EF	1	150	116 sec	700	DV	6	80	98
18	EF	1	150	116 sec	700	BT	4	60	75

FDIS Site Card

Shelagoyote River Planning Area

Watershed Code: 480-195700-48200-36200-0000-0000-000-000-000-000-000

Reach # 1.0 ILP Map # ILP # Site 248

PROJECT

Project Name: Shelagoyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-0000-000-000-000-000-000-000
Project Code: 1550

WATERSHED

Gazetted Name: Local Name: None
Watershed Code: 480-195700-48200-36200-0000-0000-000-000-000-000-000
ILP Map#: ILP #: NID Map #: 093M.084 NID #: 20048 Reach #: 1.0 Site #: 248
Field UTM (Z.E.N): .. Method: Site Lg: 500 Method: MAP Access: H
GIS UTM (Z.E.N): 9.603521.6185919 Ref. Name:
Date: 2001/08/20 Time: 12:26 Agency: C172 Crew: DT/JA Fish Crd?: ☐ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	GE	12.00	8.00	7.00	13.00	10.00	9.00					9.83	Method I:	1.0	2.0	C	1.75
Wetted Width (m):	GE	1.20	8.00	7.00	13.00	10.00	9.00					8.03	Method II:	1.0	3.0	C	
Pool Depth (m):	GE	0.60	0.70	0.60	0.50	0.80	0.50					0.62					

Wb Depth: .6 1.1 .8 Avg: 0.83 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	D	S	T	S	T	N
Loc: P/S/O:	☒	☒	☒	☒	☒	☒	☐

CROWN CLOSURE

0 0%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

LWD: F DIST: E

LB SHP: U

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

RB SHP: U

Texture: F ☐ G ☐ C ☒ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Req #: Temp: 4 Method: T4 Cond.: 30 Method: S3
pH: 8.3 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: Rafted debris Method: GE

MORPHOLOGY

Bed Material: Dominant: C Subdom: G O1 B1 B2 B3 D1 D2 D3
D95: 52.0 D (cm): 5.00 Morph: CP DISTURBANCE INDICATORS
Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: O
Coupling: DC
Confinement: UN
FSZ: ☐ Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
Spawning Habitat	Low-limited by lack of clean patches of gravel
Rearing Habitat	Moderate-associated with LWD, deep pools, and perennial flows
OverWinter Habitat	Moderate-associated with deep pools and perennial flows
COMMENTS	
Section	Comments
SITE CARD	Photos didn't turn out

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-29500-00000-0000-0000-000-000-000-000-000

Reach # ILP Map # ILP #

2.0

STREAM REFERENCING															
Gazetted Name:					Local Name:										
Watershed Code: 480-195700-29500-00000-0000-0000-000-000-000-000-000					ILP Map #:					ILP #:					
REACH															
Reach #: 2.0		UTM(Zone/East/North): 9.609286.6176683								Sample Type: Biased					
Length (km): 1.06		Coupling: Partially Couple				Magnitude: 103				BGC Zone: SBS					
Gradient (%): 5.1		Confinement: Confined				Order: 4				Open water: Absent					
US Elev (m): 786		Islands: NONE				Riparian Vegetation: Coniferous									
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural															
SITE															
Site #: 11		Field UTM 9.609460.6176640				Agency: C172		Crew: JD/EL		Date: 2001/08/06					
Site Length (m): 230		GIS UTM 9.609596.6176595				Agency Name: Triton Environmental Consultants (Terrace)									
CHANNEL															
No Vis.Ch.: ☐		Intermittent: ☐				Avg		Min		Max		#			
Dewatered: ☐		Trib.: ☐				Channel Width (m):		21.50		20		23		6	
Stage: Low ☐						Wetted Width (m):		8.00		6		10		6	
Med ☒						Bankfull Depth (m):		0.80		0.8		0.8		3	
High ☐						Temp (C): 5		pH: 8.0		Conductivity: 40					
												Turbidity: Turbid ☐		Low ☐	
												Moderate ☐		Clear ☒	
MORPHOLOGY															
Bed Material: Dominant: Cobble		D95 (cm): 112.00		Bars: Non ☐		Side ☒		Diagonal ☐		Mid-channel ☐		Span ☐			
Subdominant: Boulders		D (cm): 28.00												Braid ☐	
Channel Pattern: Sinuous		Islands: None		DISTURBANCE		O1		B1		B2		B3		D1	
Coupling: Coupled				INDICATORS		☐		☐		☐		☐		☐	
Confinement: Occasionally Confine				C1		C2		C3		C4		C5		S1	
Morphology: CP Cascade Pool				☐		☐		☐		☐		☐		☐	
				S2		S3		S4		S5					
				☐		☐		☐		☐		☐		☐	
COVER															
Total Cover: Abundant		Type: SWD		LWD		B		U		DP		OV		IV	
LWD: Few		Amount: N		T		D		N		S		T		N	
LWD Dist: Evenly Distributed		Location: P/S/O:		☐		☒		☒		☐		☒		☐	
				☐		☐		☐		☐		☐		FSZ: ☐	
Right Bank: Shape: Sloping (g)		Texture: Fines ☐		Gravel ☒		Cobble ☒		Boulder ☐		Rock ☐		Manmade ☐		Crown Closure	
Left Bank: Shape: Sloping (g)		Texture: Fines ☐		Gravel ☒		Cobble ☒		Boulder ☐		Rock ☐		Manmade ☐		1-20%	
Right Bank: Rip.Veg: Shrubs		Stage: Mature forest													
Left Bank: Rip.Veg:		Stage: Mature forest													
								Instream Veg: None ☒		Algae ☐		Moss ☐		Vascular ☐	

Shelagyote River Planning Area

Reach #	ILP Map #	ILP #
2.0		

SITE											
Site #: 249		Field UTM ...		Agency: C172		Crew: DT/JA		Date: 2001/08/20			
Site Length (m): 200		GIS UTM 9.610008.6176637		Agency Name: Triton Environmental Consultants (Terrace)							
CHANNEL											
No Vis.Ch.: ☐		Intermittent: ☐		Avg		Min		Max		#	
Dewatered: ☐		Tribes.: ☐		Channel Width (m):		7.50		6		9	
Stage: Low ☐				Wetted Width (m):		3.28		2.8		4	
Med ☒				Bankfull Depth (m):		0.93		0.7		1.2	
High ☐		Temp (C): 5		pH: 7.1		Conductivity: 30					
						Avg		Min		Max	
						Gradient %:		4.25		7	
						Pool Depth (m):		0.43		0.64	
						Turbidity: Turbid ☐		Low ☐			
						Moderate ☐		Clear ☒			
MORPHOLOGY											
Bed Material: Dominant: Cobble		D95 (cm): 45.00		Bars: Non ☐		Side ☒		Diagonal ☐		Mid-channel ☐	
Subdominant: Gravels		D (cm): 13.00								Span ☐	
Channel Pattern: Sinuous		Islands: Occasional		DISTURBANCE		O1		B1		B2	
Coupling: Decoupled				INDICATORS		B3		D1		D2	
Confinement: Unconfined						D3					
Morphology: CP Cascade Pool						C1		C2		C3	
						C4		C5		S1	
						S2		S3		S4	
						S5					
COVER											
Total Cover: Moderate		Type:		SWD		LWD		B		U	
LWD: Few		Amount:		S		D		T		T	
LWD Dist: Evenly Distributed		Location: P/S/O:		☒		☒		☒		☒	
				☒		☒		☒		☒	
				☒		☒		☒		☒	
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FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-29500-00000-00000-00000-00000-00000-00000-00000

Reach # 2.0 ILP Map # ILP # 1550 Site 249

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-00000-00000-00000-00000-00000-00000-00000-00000
Project Code: 1550

WATERSHED

Gazetted Name: Local Name: None
Watershed Code: 480-195700-29500-00000-00000-00000-00000-00000-00000-00000-00000-00000
ILP Map#: ILP #: NID Map #: 093M.074 NID #: 20049 Reach #: 2.0 Site #: 249
Field UTM (Z.E.N): .. Method: Site Lg: 200 Method: HC Access: H
GIS UTM (Z.E.N): 9.610008.6176637 Ref. Name:
Date: 2001/08/20 Time: 10:32 Agency: C172 Crew: DT/JA Fish Crd?: ☐ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %	Mtd	Avg	
Channel Width (m):	GE	6.00	8.00	7.00	6.00	9.00	9.00					7.50	Method I:	4.0	7.0	C	4.25
Wetted Width (m):	GE	3.00	4.00	3.00	4.00	2.80	2.90					3.28	Method II:	3.0	3.0	C	
Pool Depth (m):	MS	0.64	0.51	0.25	0.31	0.47	0.40					0.43					

Wb Depth: .9 1.2 .7 Avg: 0.93 Method: MS Stage: L ☐ M ☒ H ☐ No Vis.Ch.: ☐ Intermittent: ☐
Dw: ☐ Tribs.: ☐

COVER Total: M

Type:	SWD	LWD	B	U	DP	OV	IV
Amount:	S	D	T	T	S	T	N
Loc: P/S/O:	☒	☒	☒	☒	☒	☒	☐

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☒ A ☐ M ☐ V ☐

LWD: F DIST: E

LB SHP: U

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

RB SHP: V

Texture: F ☐ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Temp: 5 Method: T4 Req #: Cond.: 30 Method: S3
pH: 7.1 Method: P2 Turb.: T ☐ M ☐ L ☐ C ☒ Method: GE
Flood Signs: Rafted debris Method: GE

MORPHOLOGY

Bed Material: Dominant: C Subdom: G
D95: 45.0 D (cm): 13.00 Morph: CP
Pattern: SI
Islands: O
Coupling: DC
Confinement: UN
FSZ: ☐
DISTURBANCE INDICATORS
O1 B1 B2 B3 D1 D2 D3
☐ ☐ ☐ ☐ ☐ ☐ ☐
C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Bars: N ☐ SIDE ☒ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
Spawning Habitat	Low-limited by lack of clean patches of gravel observed within site
Rearing Habitat	Moderate-associated with deep pools, LWD and perennial flow
OverWinter Habitat	Moderate-associated with deep pools and perennial flow

COMMENTS

Section	Comments
SITE CARD	Photos didn't turn out

FDIS Reach/Site Summary

Shelagyote River Planning Area

Watershed Code: 480-195700-82900-00000-00000-000-000-000-000-000

Reach # ILP Map # ILP #

1.0

STREAM REFERENCING									
Gazetted Name:					Local Name:				
Watershed Code: 480-195700-82900-00000-00000-000-000-000-000-000					ILP Map #:		ILP #:		
REACH									
Reach #: 1.0		UTM(Zone/East/North): 9.603681.6199245				Sample Type: Biased			
Length (km): .78		Coupling: Decoupled		Magnitude: 40		BGC Zone: SBS			
Gradient (%): 2.8		Confinement: Occasionally Conf		Order: 4		Open water: Absent			
US Elev (m): 949		Islands: NONE		Riparian Vegetation: Deciduous					
Bars: None ☒ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: None/natural									
SITE									
Site #: 255		Field UTM ..		Agency: C172		Crew: JH/SG/SH		Date: 2002/09/21	
Site Length (m): 200		GIS UTM 9.603743.6198777		Agency Name: Triton Environmental Consultants (Terrace)					
CHANNEL									
No Vis.Ch.: ☐ Intermittent: ☐				Avg		Min		Max	
Dewatered: ☐ Tribs.: ☐									
Stage: Low ☐		Channel Width (m): 5.75		5.400		6		6	
Med ☒		Wetted Width (m): 5.68		5.400		6		6	
High ☐		Bankfull Depth (m): 0.53		0.5		0.6		3	
Temp (C): 7		pH: 7.4		Conductivity: 60		Turbidity: Turbid ☐		Low ☒	
						Moderate ☐		Clear ☐	
MORPHOLOGY									
Bed Material: Dominant: Gravels		D95 (cm): 80.00		Bars: Non ☒		Side ☐		Diagonal ☐ Mid-channel ☐ Span ☐	
Subdominant: Cobble		D (cm): 30.00						Braid ☐	
Channel Pattern: Sinuous		Islands: None		DISTURBANCE INDICATORS		O1		B1 B2 B3 D1 D2 D3	
Coupling: Partially Coupled									
Confinement: Frequently Confined				C1 C2 C3 C4 C5 S1 S2 S3 S4 S5					
Morphology: RP Riffle Pool									
COVER									
Total Cover: Abundant		Type: SWD LWD B U DP OV IV							
LWD: Few		Amount: T S T T D S N							
LWD Dist: Clumped		Location: P/S/O: ☒ ☐ ☐		☒ ☐ ☐		☒ ☐ ☐		FSZ: ☐	
Right Bank: Shape: V - shape		Texture: Fines ☒ Gravel ☒ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐						Crown Closure 1-20%	
Left Bank: Shape: V - shape		Texture: Fines ☒ Gravel ☒ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐							
Right Bank: Rip.Veg: Mixed C/D		Stage: Mature forest							
Left Bank: Rip.Veg:		Stage: Mature forest		Instream Veg: None ☐ Algae ☐ Moss ☒ Vascular ☐					
FISH									
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
255	EF	1	200	900 sec	700	RB	6	50	90
255	EF	1	200	900 sec	700	CO	1	500	500
255	EF	1	200	900 sec	700	BT	16	40	150

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-82900-00000-00000-00000-00000-00000-00000-00000-00000

Reach # 1.0 ILP Map # ILP # Site 255

PROJECT

Project Name: Shelagyote Inventory
Stream Name (gaz.): BABINE RIVER
Project Watershed Code: 480-000000-00000-00000-00000-00000-00000-00000-00000-00000-00000-00000-00000
Project Code: 1550

WATERSHED

Gazetted Name: Watershed Code: 480-195700-82900-00000-00000-00000-00000-00000-00000-00000-00000-00000-00000
Local Name: None
ILP Map#: ILP #: NID Map #: 093M.094 NID #: 20055 Reach #: 1.0 Site #: 255
Field UTM (Z.E.N): .. Method: Site Lg: 200 Method: MAP Access: H
GIS UTM (Z.E.N): 9.603743.6198777 Ref. Name:
Date: 2002/09/21 Time: 09:45 Agency: C172 Crew: JH/SG/SH Fish Crd?: ☒ Incomplete: ☐

CHANNEL

	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadient %		Mtd	Avg
Channel Width (m):	T	6.00	5.80	6.00	5.40	5.50	5.80					5.75	Method I:	3.0	4.0	C	4.00
Wetted Width (m):	T	5.50	6.00	6.00	5.50	5.40	5.70					5.68	Method II:	5.0		C	
Pool Depth (m):	MS	0.60	0.70	0.60	0.50	0.60	0.50					0.58					

Wb Depth: .5 .5 .6 Avg: 0.53 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	T	T	D	S	N
Loc: P/S/O:	☒	☒	☒	☒	☒	☒	☐

LWD: F DIST: C

LB SHP: V

Texture: F ☒ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

CROWN CLOSURE

1 1-20%

INSTREAM VEG: N ☐ A ☐ M ☒ V ☐

RB SHP: V

Texture: F ☒ G ☒ C ☐ B ☐ R ☐ A ☐

RIP: M

STG: MF

WATER

EMS: Temp: 7 Method: T4 Req #: Cond.: 60 Method: S3
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: 80.0 D (cm): 30.0 Morph: RP DISTURBANCE INDICATORS
Pattern: SI C1 C2 C3 C4 C5 S1 S2 S3 S4 S5
Islands: N
Coupling: PC
Confinement: FC
FSZ: ☐
Bars: N ☒ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR ☐

HABITAT QUALITY

Name	Comments
OverWinter Habitat	Associated with pools
Rearing Habitat	Associated with pools, cover, LWD, and D95
Spawning Habitat	Associated with gravels, cover, and pools

PHOTOS

Photo	Foc Lg	Dir	Comments
R: 101 F: 1	STD	NS	Photo of a bull trout
R: 101 F: 2	STD	NS	Photo of a bull trout
R: 101 F: 3	STD	U	Upstream photo of habitat within tributary

FDIS Site Card

Shelagyote River Planning Area

Watershed Code: 480-195700-82900-00000-0000-0000-000-000-000-000-000

Reach #

ILP Map #

ILP #

Site

1.0

255

PHOTOS

Photo				Foc Lg	Dir	Comments
R:	101	F:	4	STD	D	Downstream photo of habitat within tributary
R:	101	F:	5	STD	U	Upstream photo of habitat within tributary

COMMENTS

Section	Comments
CHANNEL	Adult CO electrofished
CHANNEL	High density of juvenile BT and fry
CHANNEL	BT, CO, RB captured
CHANNEL	S2 Stream

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-82900-00000-00000-00000-00000-00000-000

Reach # 1.0
ILP Map #
ILP #

WATERBODY															
Gazetted Name:										Local: None					
Project Code: 480-000000-00000-00000-00000-00000-00000-0															
WS Code: 480-195700-82900-00000-00000-00000-00000-000															
Waterbody ID:					ILP Map #:					ILP #:		Reach #: 1 -			
Project ID: 1550					Lake/Stream: S					Lake From Date:					
Fish Permit #:		145084K		Date: 2002/09/21		To: 2002/09/21		Agency: C172		Crew: JH/SH/SG		Resample: ☐			
SITE / METHOD															
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment					
255	093M.094	20055				GPU EF 1	7	60	L						
A. GEAR SETTINGS															
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment								
255	EF 1	1	2002/09/21	09:45	2002/09/21	11:00									
C. ELECTROFISHER SPECIFICATIONS															
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model				
255	EF 1	1	O	900	200.0	5.0	700	60	6	SMITH ROOT	12B				
FISH SUMMARY															
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)		FishAct	Comment					
255	EF 1	1	CO	A		1	500	500	S						
255	EF 1	1	RB	J		6	50	90	R						
255	EF 1	1	BT	J		16	40	150	R						
INDIVIDUAL FISH DATA															
Site#	MTD/NO	H/P	Species	Length	Weight	Sex	Mat	Age		Vch#	Genetic		Roll #	Frame#	Comment
								Str/Smpl#	Age		Str/Smpl#				
255	EF	1	1	BT	50		U	U							
255	EF	1	1	BT	110		U	U							
255	EF	1	1	BT	150		U	U							
255	EF	1	1	BT	130		U	U							
255	EF	1	1	BT	120		U	U							
255	EF	1	1	BT	110		U	U							
255	EF	1	1	BT	100		U	U							
255	EF	1	1	BT	110		U	U							
255	EF	1	1	BT	40		U	U							
255	EF	1	1	BT	90		U	U							
255	EF	1	1	BT	80		U	U							
255	EF	1	1	BT	90		U	U							
255	EF	1	1	BT	40		U	U							
255	EF	1	1	BT	50		U	U							
255	EF	1	1	BT	60		U	U							
255	EF	1	1	BT	50		U	U							
255	EF	1	1	RB	90		U	U							
255	EF	1	1	RB	80		U	U							
255	EF	1	1	RB	90		U	U							
255	EF	1	1	RB	80		U	U							
255	EF	1	1	RB	50		U	U							
255	EF	1	1	RB	60		U	U							
255	EF	1	1	CO	500		U	U							



Site #255, Photo of a bull trout.
Roll #101, Frame #1, Date: 2002/09/21



Site #255, Photo of a bull trout.
Roll #101, Frame #2, Date: 2002/09/21



Site #255, Upstream photo of habitat within tributary.
Roll #101, Frame #3, Date: 2002/09/21



Site #255, Downstream photo of habitat within tributary.
Roll #101, Frame #4, Date: 2002/09/21



Site #255, Upstream photo of habitat within tributary.
Roll #101, Frame #5, Date: 2002/09/21

FDIS Reach Card

Shelagyote River Planning Area

Watershed Code: 480-160900-43800-00000-0000-0000-000-000-000-000-000

Reach # 1.0
ILP Map #
ILP #

PROJECT									
Project Name: Shelagyote Inventory					Project Code: 1550				
Stream Name (gaz.): BABINE RIVER									
Project Watershed Code: 480-000000-00000-00000-0000-0000-000-000-000-000-000									
WATERSHED									
Reach Watershed Code: 480-160900-43800-00000-0000-0000-000-000-000-000-000									
ILP Map #:	ILP #:	Reach #:	1.0	NID Map #:	093M.064	NID #:	18214		
Air Photos		Names		UTM(Zone/East/North/Method)					
LINE: 30BCB92074		Gaz.:		9.611411.6169501					
#: 35		Local:		Sample Type: B Welland: ☐					
GIS									
SURVEY INFO									
Date: 2001/07/11			Agency: C172			Crew: JH/JA			
ATTRIBUTES									
Length (km): .57		Gradient: 11.75		Setting: VW		DISTURBANCE			
DS Elev.: 959		Order: 3		Open water: A		INDICATORS			
US Elev: 1026		Magnitude: 35		Confinement: EN		C1 C2 C3 C4 C5 S1 S2 S3 S4 S5			
		BGC Zone: SBS		Coupling: PC		☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐			
Valley Flat: N		C/D:		Islands: N					
Active Floodplain Visible: ☐		Est. Width:		Bars: ☒ N ☐ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR					
Channel Pattern: IR				Mass Movement: M		Exposed/Eroded: NS			
				Riparian Veg.: C		Landuse: NO			
MAPS									
Map Type	Map #	Year							
TRIM	093M.064	1995							

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-160900-43800-00000-0000-0000-000-000-000-000-000

Reach # 1.0 ILP Map # ILP #

WATERBODY													
Gazetted Name:										Local: None			
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0													
WS Code: 480-160900-43800-00000-0000-000-000-000-000-000-000													
Waterbody ID:				ILP Map #:				ILP #:		Reach #: 1 -			
Project ID: 1550				Lake/Stream: S				Lake From Date:					
Fish Permit #:		145084K		Date: 2001/08/05		To: 2001/08/05		Agency: C172		Crew: JH/RB		Resample: ☐	
SITE / METHOD													
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment			
287	093M.064	20287				GPU EF 1	7	40	C				
A. GEAR SETTINGS													
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment						
287	EF	1	1	2001/08/05	16:20	2001/08/05	16:50						
C. ELECTROFISHER SPECIFICATIONS													
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model		
287	EF	1	1	O	380	300.0	7.0	600	60	6	SMITH ROOT	12B	
FISH SUMMARY													
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment				
287	EF	1	1	NFC		0							

FDIS Reach Card

Shelagyote River Planning Area

Watershed Code: 480-195700-29500-00000-0000-0000-000-000-000-000

Reach # 6.0
ILP Map #
ILP #

PROJECT																													
Project Name: Shelagyote Inventory					Project Code: 1550																								
Stream Name (gaz.): BABINE RIVER																													
Project Watershed Code: 480-000000-00000-00000-0000-0000-000-000-000-000-000																													
WATERSHED																													
Reach Watershed Code: 480-195700-29500-00000-00000-0000-0000-000-000-000-000																													
ILP Map #:		ILP #:		Reach #: 6.0		NID Map #: 093M.074		NID #: 15244																					
Air Photos		Names				UTM(Zone/East/North/Method)		GIS																					
LINE: 30BCB92050		Gaz.:				9.604338.6176398																							
#: 120		Local:				Sample Type: B		Wetland: ☐																					
SURVEY INFO																													
Date: 2001/07/11			Agency: C172				Crew: JH/JA																						
ATTRIBUTES																													
Length (km): 1.06		Gradient: 9.15		Setting: VW		DISTURBANCE INDICATORS																							
DS Elev.: 1133		Order: 3		Open water: A		<table style="width: 100%; border: none;"> <tr> <td>O1</td><td>B1</td><td>B2</td><td>B3</td><td>D1</td><td>D2</td><td>D3</td> </tr> <tr> <td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td> </tr> </table>				O1	B1	B2	B3	D1	D2	D3	☐	☐	☐	☐	☐	☐	☐						
O1	B1	B2	B3	D1	D2	D3																							
☐	☐	☐	☐	☐	☐	☐																							
US Elev: 1230		Magnitude: 18		Confinement: CO		<table style="width: 100%; border: none;"> <tr> <td>C1</td><td>C2</td><td>C3</td><td>C4</td><td>C5</td><td>S1</td><td>S2</td><td>S3</td><td>S4</td><td>S5</td> </tr> <tr> <td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td> </tr> </table>				C1	C2	C3	C4	C5	S1	S2	S3	S4	S5	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
C1	C2	C3	C4	C5	S1	S2	S3	S4	S5																				
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐																				
		BGC Zone: ESSF		Coupling: CO																									
Valley Flat: N		C/D: ☐		Est. Width:		Islands: N																							
Active Floodplain Visible: ☐						Bars: ☒ N ☐ SIDE ☐ DIAG ☐ MID ☐ SPAN ☐ BR																							
Channel Pattern: SI						Mass Movement: M Exposed/Eroded: NS																							
						Riparian Veg.: C Landuse: NO																							
MAPS																													
Map Type		Map #		Year																									
TRIM		093M.074		1995																									

FDIS Fish Card

Shelagyote River Planning Area

Watershed Code: 480-195700-29500-00000-0000-0000-000-000-000-000-000

Reach # 6.0
ILP Map #
ILP #

WATERBODY												
Gazetted Name:						Local: None						
Project Code: 480-000000-00000-00000-0000-000-000-000-000-0												
WS Code: 480-195700-29500-00000-0000-0000-000-000-000-000												
Waterbody ID:						ILP Map #:		ILP #:		Reach #: 6 -		
Project ID: 1550						Lake/Stream: S		Lake From Date:				
Fish Permit #: 145084K			Date: 2001/08/06		To: 2001/08/06		Agency: C172		Crew: JH/JA		Resample: ☐	
SITE / METHOD												
Site#	NID Map	NID #	UTM:Zone/East/North/Mthd			MTD/NO	Temp	Cond	Turbid	Comment		
288	093M.074	20288				GPU EF 1	6	40	C			
A. GEAR SETTINGS												
Site#	MTD/NO	H/P	Date In	Time In	Date Out	Time Out	Comment					
288	EF	1	2001/08/06	10:40	2001/08/06	11:00						
C. ELECTROFISHER SPECIFICATIONS												
Site#	MTD/NO	H/P	Encl	Sec	Length	Width	Voltage	Frequency	Pulse	Make	Model	
288	EF	1	1	O	280	100.0	6.0	600	60	6	SMITH ROOT	12B
FISH SUMMARY												
Site#	MTD/NO	H/P	Species	Stage	Age	Total #	Lgth (Min/Max)	FishAct	Comment			
288	EF	1	1	NFC		0						