

WSC 460 to WSC 460-600600 (Morice North Planning Area)

Volume 2 of 5





### Prepared for:

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Prepared by:



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### APPENDIX I

Reach Cards/Site Cards/Fish Collection Forms and Photographs (Sites 41 to 290)

Morice North Planning Area

Reach # ILP Map #

ILP#

2.0 093L.013

	4.0		9.1 K	EAM		EKEN	CING			14.46	1 2 2 2	
Gazetted Na							ocal Name:					
Watershed (	Code: 000-00	0000-00000-00	00-0000-0000-00	0-000-0	000-000-0	000-000	ILP	Map #: 093L.0	13	IL	P#:	3749
			17.14条件计算		REA	СН			1000	10	J. 3	
Reach #: 2	2.0		UTM(Zone/East/N	orth): 9	.598947.	5998027			Sample	Type:	Bias	ed
Length (km)		Co	oupling: Partially C	ouple	Mag	gnitude:	4		BGC	Zone:	SBS	
Gradient (%)		Confi	nement: Confined			Order:	2		Open wa	ter: Abs	ent	
US Elev (m)	: 1150		Islands: NONE		Rip	arian Veg	getation: Con	ferous				
Bars: None	✓ Side	Diagonal _	Mid-channel	Span	В	raid 🗌	Landuse: No	t Specified				
		14 AVE 5			SIT	E	72): 5/140 For 3/14		7- 20 -	Fall Supp	in.	
Site #	41	Field UTI	M			Agend	y: C172	Crew: D7	T/JD	Date:	2002/0	9/03
Site Length	(m):300	GIS UT	M 9.599992.59975	40		Agen	cy Name: Trito	n Environmenta	al Consul	tants (T	епасе)	
	565	Walter Control	Tarte Spine	C	HAN	NEL	. 金色		Valle S	n News	1 . 7	
No Vis.Ch.:	Intermit	ttent:		Avg	Min	Max	#		Avg	Min	Max	#
Dewatered:	_ Tr	ribs.:	Channel Width (m):	4.35	3.5	5.1	6	Gradient %	9.75	8	12	4
Stage: Low	7		Wetted Width (m):	1.92	1.4	2.3	6	Pool Depth (m)	0.40	0.300	0.5	6
Med		E	Bankfull Depth (m):	0.80	0.7	0.9	3	Turb	idity.:	Turbid		Low
High		emp (C): 7	pH: 7.6		C	onductivit	y: 40	Turo	10 OF 15	derate	ij.,	Clear
	- E.S.			MOF	RPHO	LOGY	No.	- 40 - 10 di - 7	7.85	43 Va	2007	
Bed Material	: Dominant:	Cobble	D95 (cm): 40			Bars: Non		Diagonal	1 Marie	channel		pan
	Subdominant	2,777	D (cm): 20			Dais. NO	olde [	Diagonal [	Wild-	cilatine	-	raid _
Channel Pa	ttern: Sinuou	s	Islands: Nor	ne		RBANCE	O1 B1	B2 B3	D1 1	D2 D	3	
Cou	pling: Partially	y Coupled			INDIC	ATORS				1		
		ntly Confined			C1	C2 C	3 C4 C	S1 S2	S3	S4	S5	
Morpho	ology: CP	Cascade Pool	H .									
				NAME OF	COVE	R			CV.	n n	- A.	- 1
Total Cover:	Abundant		Type:	SWD	LWD	В	U	DP C	OV	IV		
LWD:	Fow		Amount:	T	D	T	T	T	S	N		
LWD Dist:			Location: P/S/O:		V	~		VIIV			FS	z: 🗌
Right Bank:	Shape: U	ndercut Text	ture: Fines Gra	vei	Cobble	/ Boulde	er Rock	Manmade	1	Crr	own Clo	SHIP
Left Bank:	Shape: U			-	Cobble			Manmade	1	- Oil	1-2	2212
Right Bank:	Rip.Veg: C			e: Matur	1010000	4 55		, (me)eee(	1			0,0
Left Bank:	Rip.Veg:		1,40.7	e: Matur			Instream Ve	g: None 🗸	Algae 🗌	Moss	Vas	cular [
W-		Walnes & 2		e la Me	FISI	1 100		Un Wester King	- 17	= = 10		y
Site Number	Capture	Number of	Length fished	Tota		Voltage	Species	Total	Minim	um	Mari	mum
2	Method	Events	(m)	Time			200.20	Fish	Length	Act Add and a second		h (mm)
41	EF	1	300	286 s	ec	700	NFC	0				Ter.

#### Morice North Planning Area

ILP Map# Reach#

ILP#

Site

2.0 093L.013 3749 41

							PR	OJE	e T						
Project Name: RFFH with: the Morios Forest District (twbs to Morbe R.)   Stream Name (gaz.):   8UJULEY RYER   Project Watershed Code:   490-00000-0000-0000-0000-0000-0000-0000															
	15° VE	Fest II	33-5	194	of poly		WAT	ERS	HED	44 T		1 1 1 1 T	366405	nety to a	
Gazetted Name Watershed Code ILP Mapa Field UTM (Z.E.N	e: 000-00 #: 093L.0 ):	0000-00 13	II	P#: 37	749				N	ID #: 20	0041 g: 300				
Da	ate: 200	2/09/03	1	ime: 08	:20		Agency:	C172	C	rew: 1	DT/JD		Fish C	rd?: 🗸	Incomplete:
	NE.	118	1 3/e		N in		CH	ANN	EL			9.2	13.50		
Cacalled Name:   Cacalled Name:   Watershed Code: 000-0000-0000-0000-0000-0000-0000-000															
Ref. Name:															
			7077												
Pool Depth (m)	: MS	0.40	0.50	0.30	0.40	0.30	0.50		1	200		0.40	0.00	V 6	
					130				4	V	1.14	-70%	No Vis		
Wb Depth	8.	.7	.9	Avg	g: 0.80	V	Method:	MS	St	age: L	✓ M	Пн		Dw:	Tribs.:
COVER			Tota	al: A											
Туре	: SWE	LV	VD	В	U	DP	2	ov	IV	CR	OWN CL	OSURE			
Amoun	etted Name:  rshed Code: 000-000000-00000-00000-0000-0000-000-0														
Loc: P/S/C					1	V	V			INS	TREAM	VEG:	NVA	ПМП	V 🖂
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S 1740				_											.62 .2
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2.49											RIP	: C			
STO	S: MF										STG	: MF			
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EMC		-4					555072.14			D	- 44				
						Mathe	d. TA								Mathad: 92
										C	0110 40				
The second second		dload								T	urb.: T	M		C	Method: GE
	-											7	See Vindage A		
/	11	4	-11-15	-15-20	and the same	· · · · · · · · · · · · · · · · · · ·	UKF	HOL	UGY					10000	
Bed Material	: 1	Dominan	t: C							-					
D95	: 40.0	D (cm)	: 20.00		Morph	: CP	ī	DISTURE	BANCE					~	
Pattern	: SI									C1	C2	C3 (	C4 C5	S1 S	2 S3 S4 S5
Islands	: N											ПП	TIT	ПП	
Coupling	: PC														
Confinement	:FC									4.75				110000	
FSZ	:							В	ars:	NV	SID		DIAG	MID.	SPAN BR
7 (14) de	SAME.	@ OI	5 9 TO 1		To Date	UAI	O L T A	TOI	1 4 1 1	rv	A STATE		4 1	-4	
	Channel Width (m): T   4.20   3.80   3.50   4.60   5.10   4.90   4.90   4.35   4.60   5.10   4.90														
	at	Droop	h						C	ommen	is				
				hstrates	active	tream h	ed.	_	-		-	-			
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ILP Map#: 093L.013															
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								F		3					

Morice North Planning Area

ILP Map #

ILP#

Site

2.0

Reach #

093L.013

3749

	COMMENTS
Section	Comments
CHANNEL	Disturbed channel downstream.
CHANNEL	S3*

# FDIS Fish Card

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

2.0

093L.013

			1000			A A P		TER							200	
-	zetted Name									Loca	al:					
,						0-0000-000-0										
14	/aterbody IE		J00000-0	0000-000	000-000	0-0000-000-0	TRAFF.	лар #: (		3		ILP#:	3749	Reach #:	2	
	Project IE						iL) iv	nap m. (	7336.01	Lake/Str	eam:			From Date:	2	
F	ish Permit #	: 14	5269		ate: 2	002/09/03	То	: 2002/	/09/03	Age	ency:	C172	Crew: DT	/JD	Resam	ole:
	all to your	TriV	VAIS-N	17	- 15	The state of	SITE	/ M	ETH	O D						
Site#	NID Map	NID	#	UTM:Zor	e/East/	North/Mthd	MTD	/NO	Temp	Cond	Turt	oid		Comment		
41	093L.013	200	41			GPU	U EF	1	7	40	С					
1511				· 通 被		Α.	GEA	R S	ETT	INGS			TO FREE TO SERVICE AND A SERVI			X = :
Site#	MTD/NO	H/P	Date	In T	ime In	Date Out	Time	Out				С	omment			
41	EF 1	1	2002/0		08:20	2002/09/03		7.5								
		SIN	7/2-0	C	. El	ECTRO	FISI	HER	SPE	CIFI	CA	TIONS	10000			- 10
Site#	MTD/	NO	H/P	Er	ncl	Sec	Length		Width	Vol	tage	Frequency	Pulse	Ma	ke	Mode
41			1			286	300.0		1.8	70	00	60	6	SMI		12B
-4	Will The William	3 7	FU- 41, 10	wii.			ISH	SUA	M M A	RY	ľ	<b>学</b> 对原数			J.W.Y	entre en
Site#	MTD/	NO	H/P	s S	stage A	ge	Total #	Lgt	h (Min/M	ax)	FishAct		Comme	ent		
41								0		44.1	_					



Site #41, Upstream photo of LWD cascade. Roll #5, Frame #06, Date: 2002/09/03



Site #41, Downstream photo of spanning LWD. Roll #5, Frame #07, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

1.0 093L.013

	STREAM	REF	EREN	CING	A CONTRACTOR OF THE SECOND	37"		Relia!	
Gazetted Name:			L	ocal Nar	ne:				
Watershed Code: 000-000000-00000-	-00000-0000-0000-000-000-0	00-000-0	00-000		ILP Map #: 093L.01	3	ILP	#:	3749
	200 May 200 May 200 May 4	REAC	H			18		17/18	- 4- W
	UTM(Zone/East/North): 9. Coupling: Partially Couple ifinement: Frequently Confin Islands: NONE  Mid-channel Span	Mag	nitude: Order: 2	etation:			Type: Zone: Sater: Abse		d
	Name of All Property of	SIT		= (A) (Table	Color Service	500			
	TM 9.600107,5997226 UTM 9.600095.5997311			y: C172 y Name:	Crew: DT		Date: :		/03
WELLINGS - PW S	** ** C	HANI	NEL	Life L	it is well bridger				
No Vis.Ch.: Intermittent: Dewatered: Tribs.: Stage: Low Med	Channel Width (m): 3.58 Wetted Width (m): 1.57 Bankfull Depth (m): 0.83	Min 2.900 1 0.8	4.300 2.3 0.9	6 6 3	Gradient %: Pool Depth (m): Turbi	300	Min 5 0.200 Turbid		# 4 6
High Temp (C): 7	pH: 7.6		onductivity			М	oderate	1 (	lear 🗸
Bed Material: Dominant: Gravels Subdominant: Cobble	D95 (cm): 35.00 D (cm): 20.00		LOGY Bars: Non		ide Diagonal	Mid	-channel	-	oan 🗌
Channel Pattern: Sinuous Coupling: Decoupled Confinement: Occasionally Confir Morphology: CP Cascade Po			RBANCE ATORS C2 C3	01 C4	B1 B2 B3  C5 S1 S2	D1 S3	D2 D3  V	3 S5	
Company of the second	2 30 - 100 - 100 (10)	COVE	R	736			THE THE PARTY OF	1 37	
	Type: SWD Amount: T  Location: P/S/O:   exture: Fines  Gravel   Stage: Matur  Stage: Matur	e forest	= 12.000	r Ro	DP OS T T T T T T T T T T T T T T T T T T		IV N Cro	FSZ wn Clos 1-20	sure

Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

1.0

093L.013

3749

Project Name: RFFHI withis the Morce Forest District (rifes to Morce R.)  Stream Name (gaz.) BULKLEY RIVER Project Watershed Code: 499-400000-0000-0000-0000-0000-0000-000																
	100	- "VW	× - E	i 199			WAT	ERS	HED		· 16	THE PARTY	7.97	T. H		
Watershed Code: ILP Map#: Field UTM (Z.E.N): GIS UTM (Z.E.N):	000-00 093L.0 9.60010 9.6000	13 07.5997 95.5997	11 226 311	LP#: 37 M	749 Method:	NID M	ар #: 09	3L.013	N Re	ID#: 20 Site Lo	0042 g: 200 e:		Method: MA	\P	Access:	FT
	e: 2002	2/09/03	J	ime: 08	:45	1.				rew: (	DT/JD	-	Fish Crd	?: 🗸	Inco	
1111		1819			. 6			-	-	X - 4	V. 7. 1		1800 N	W. 4	District Co.	
							-	width	width	width	width			-		
	_			_			70000							and the same of the		
	_			_	_								Method	1: 7.0	5.0	C
Pool Depth (m):	GE	0.30	0.40	0.30	0.50	0.20	0.30					0.33	No Vis.C	h.: 🗍	Intermitte	ent:
Wb Depth:	.8	.9	.8	Avo	: 0.83		Method:	MS	St	age: L	M	ПНГ		The same of		
COVER			Tota		7,0002						•					
	-1111	1 77		2 - 22 - 4						1	0110101	001105				
							,			4						
		_	_		_	T		T	N	1					Alexander of the second	
Loc: P/S/O:	~	1	- V		V	~	V			INS	TREAM	VEG:	NVA	M	V	
STG:	MF	Y SV	T F S				W	ATE	R		STG	: MF				
FMC.			2.00		. 10	god Line			01463	D	an #.		200	4	N S COAL	SSP\$Calls
	7					**	TA								Matha	4. 62
															Metho	a: 53
		haaka								1	urb.: T	M	L	~	Metho	d: GE
Flood Signs.	Elonea	Danks														
11/1/20	N <sub>0</sub>	- SV-1		11	101.	1 1	ORF	HOL	OGY		4	2 - 3	The State	NAT THE		
D95: Pattern: Islands:	35,0 SI N		W				ı	DISTURE INDICA	BANCE TORS		V			V		\$4 \$
								В	ars:	NV	SID	E	DIAG	MID	SPAN	BF
"你是我的	- 435		10	1000	Augi	HA	BITA	TQU	JALI	TY	THE ST	4 4		17.50		ener All
Name	1, 1	1					*****		C	commen	ts				1-0-1-1-1	
OverWinter Habita	it	Preser	nt.													
Spawning Habitat		Poor -	large su	bstrates	and an	active st	ream ch	nannel.								
Rearing Habitat		Moder	ate - sub	ject to I	ow flows	and dis	turbance	es.								
	-		11/3			100	PH	OTO	S		75.1	- 112		3171	all hames	
Photo	Fo	c Lg	7	-	Dir	To I		Charles and	Che - SA		No. of Contract of	Comme	nts			od-sa- L
5 F: 08		TD	-		U	Une	tream to	owards d	eactivate	ed road	crossing					
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5 F: 09						I LJOV	vilalied	II DHOID (	יו בוומוווו וו	Cit.						

Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

1.0

093L.013

3749

	COMMENTS
Section	Comments
CHANNEL	Disturbed channel downstream.
CHANNEL	S3*

# **FDIS Fish Card**

### Morice North Planning Area

Reach #

ILP Map #

ILP#

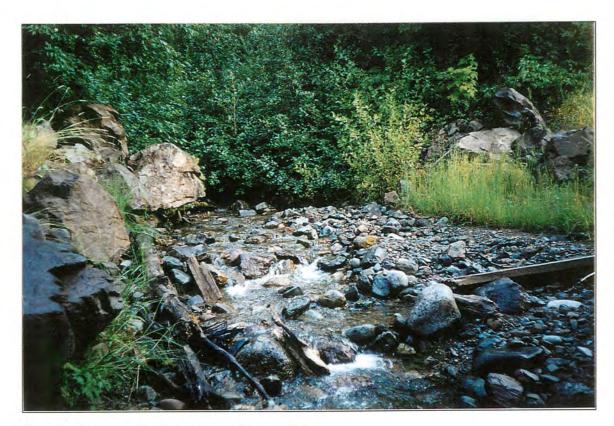
Watershed Code:

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1.0

093L.013

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Gaz	zetted Na	me:			10000		CONTRICT.				Loc	al:					
F							0-0000-000-0										
W	/aterbody		000-0	00000-0	00000-00	000-000	0-000-000-0	3 75 75	0-000-00 Map #:	7577	13		ILP#:	374	0 1	Reach #:	1-
,,	Projec		5270					ici	wap ir.	0301.0	Lake/St	ream:	100		- 10	om Date:	,
F	Fish Permit #: 145269 Date: 2002/09								o: 2002	2/09/03	Ag	ency:	C172	Crew:	JD/DT	Res	ample:
n					TE OF THE PERSON NAMED IN	W.		ITE	- / M	ETH	OD		15. 清朝		10010		
Site#	The Paris of the P								D/NO	Temp	Cond	Tur	bid		Co	omment	
42	093L.0	13	2004	42			GPI	9999		7	40	C					
1.35	i mal-	25			::::::::::::::::::::::::::::::::::::::		Α.	GE,	AR S	ETT	INGS		, 44,0 × 4.	19-5			
Site#	MTD/	10	H/P	Date	In	Time In	Date Out	Tim	e Out					Commer	nt		
42	EF	1	1	2002/0		08:45	2002/09/03		9:06								
164		a diy	THE STATE OF	NE CO		C.E	LECTRO	FIS	HER	SP	ECIF	CA	TIONS	1000	18.	がなる場合	2 2 m
Site#	# MTD/NO				E	incl	Sec	Length	h	Width	Voi	tage	Frequen	cy I	Pulse	Make	Mode
42	EF		1	1	1_	0	227	200.0		1.5	7	00	60		6	SMITH	12B
, % = 1%		£-	- 1			1 0	of the second	ISH	SU	MMA	RY	Gert.	4. 市 頻繁			Music (Co.)	2127
Site#	MT	D/N	0	H/P Species Stage				ge	Total	# Lg	th (Min/N	ax)	FishAct			Comment	
42								0									



Site #42, Upstream towards deactivated road crossing. Roll #5, Frame #08, Date: 2002/09/03



Site #42, Downstream photo of channel. Roll #5, Frame #09, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

093L.013

ILP#

2.0

			STR	EAM	REF	EREN	CING		- 1-07 AVA W- NO	
Gazetted Na	me:					L	ocal Name:			
Watershed C	ode: 000-00	00000-00000-00	000-0000-0000-0	0-000-0	00-000-	000-000	ILF	Map #: 093L	.013	LP#: 3746
			<b>在一种种</b>		REA	CH			<b>全国的</b>	
Reach #: 2	.0		UTM(Zone/East/N	lorth): 9	599847	5998630		BEQUINE 3	Sample Type:	Random
Length (km):	: 1.24		upling: Partially (			gnitude:	3		BGC Zone:	
Gradient (%):	: 12.9	Confin	ement: Frequent	y Confin		Order: 2			Open water: At	sent
US Elev (m):	: 989	1	slands: NONE		Rip	oarian Veg	etation: Mixe	ed C/D		
Bars: None	✓ Side	Diagonal _	Mid-channel	Span	□ B	raid 🗌	Landuse: No	ot Specified		
				1,	SIT	E A				<b>医雅思</b>
Site #: Site Length		Field UTM GIS UT	И M 9.600259.59976	534		1000	y: C172 y Name: Trito		JD/DT Date	: 2002/09/03 Terrace)
		1- V		C	HAN	NEL		. 李铁 別則是		
No Vis.Ch.:	Intermi	ttent:		Avg	Min	Max	#		Avg Min	Max #
Dewatered:		ribs.: C	hannel Width (m)	2.82	2.400	3.5	6	Gradient	%: 12.75 10	16 4
Stage: Low	~		Wetted Width (m)		0.9	2.1	6	Pool Depth (r	n): 0.33 0.300	0.400 6
Med		В	ankfull Depth (m)	0.73	0.6	0.8	3	Tu	rbidity.: Turbic	Low L
High	1	emp (C): 7	pH: 7.6		(	Conductivity	y: 40		Moderate	= =
		138 T	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	MOR	PHO	LOGY	128-11-			Personal Committee
Bed Material:	Dominant Subdominant	2222	D95 (cm): 35 D (cm): 15			Bars: Non	✓ Side [	Diagonal	Mid-channe	el Span Braid
	ttem: Sinuou pling: Partiall		Islands: No	ine	Sec. (2011) 2011	RBANCE	O1 B1	B2 B3	D1 D2	D3
Confiner	ment: Freque	ntly Confined			C1	C2 C3	C4 C	5 S1 S	2 S3 S4	\$5
Morpho	logy: CP	Cascade Pool								
	1000年	A CHARLES	11 -156	451	COAL	ER	St. March	*	Commence of the state of the st	SINU SITE
Total Cover: A	Abundant		Type:	SWD	LWE	В	U	DP	OV IV	
LWD: F	Few	_	Amount:	LIJ L	S	D	T	T	TN	
LWD Dist: 0			Location: P/S/O:	<b>V</b>	V					FSZ:
Right Bank: Left Bank: Right Bank: Left Bank:	Shape: O Shape: U Rip.Veg: M Rip.Veg:		ure: Fines Gr Stag	avel 🗸 avel 🗸 je: Matur	e forest		r Rock	Manmade Manmade		rown Closure 1-20%
LON DUIN.	, up. veg.		Stag	io. iviatur			moudant Ve	y. None V	Aigae   Moss	vascular _
Otto No.		Th			FIS		Southern of the	k albah	14 / 40 61	
Site Number	Capture Method	Number of Events	Length fished (m)	Tota Time		Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
43	EF	1	200	262 s	ec	700	NFC	0		

## Morice North Planning Area

ILP Map #

ILP#

Site

2.0 093L.013 3746 43

	Project Name: RFFHI within the Morice Forest District (fibre to Morice R)  Silvan Name (gac.): BULNCEY RIVER  Project Valeershed Code: 469-060000-00000-0000-0000-0000-0000-000																
	Pro	Stream N	lame (gaz	:.): BUL	KLEY RI	VER						00	F	Project C	ode:		5270
	100	12000	Ji San	N Total	CSU(S	- 王 利 ·	1904 -	300	WAT	ERS	HED	1 = 1 = 1			1,10	Grand St	
	Gaz	zetted Nan	ne:									Loc	cal Name	9:			
	Wate	ILP Ma	de: 000-0 p#: 093L.( N):	013	1	LP#: 37	746				N	ID #: 20	0043 g: 200				
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	- 1	Loc: P/S/	Record   Name   RFFH   within the Morice Forest District (fiths to Morice R.)   Project Code:   5270														
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			J										010.	IVII			
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		EM	S:									R	eg #:				
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		p	H: 7.6					Metho	od: P2			_					
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													02	C3 (		J   5.	2 33 34 33
	C		-	### REPHI within the Montoe Forest District (tribs to Morice R.) ### BULLEY RIVER ### BE 0  ### BULLEY RIVER ### BE 0    Local Name:   Local N													
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R:	5	F: 12		טוט		- 1	)	Dow	nstream	photo o	stream	channel					

## Morice North Planning Area

Reach # ILP Map #

ILP#

Site

2.0

093L.013

3746

	COMMENTS
Section	Comments
CHANNEL	Disturbed channel downstream.
CHANNEL	S3*

# FDIS Fish Card

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

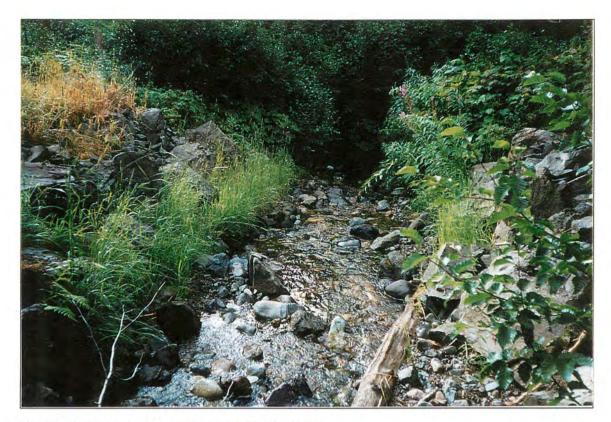
Watershed Code:

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093L.013

				300				WA	TER	BOD	Y						
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	Projec		5270								Lake/St	ream:	s	Lake	From Date:		
F	ish Perm	it #:	14	5269	Date	2002/09	9/03	To:	: 2002	/09/03	Ag	ency:	C172	Crew: JD/	DT R	esample:	
1	4			F. 2 - 10	0.5	Ve Ful	S	ITE	/ M	ETH	OD						186
Site#	NIDM	ар	NID	#	UTM:Zone/E	ast/North/	Mthd	MTD	/NO	Temp	Cond	Turt	oid		Comment		
43	093L.0	13	2004	43			GPU	EF	1	7	40	C	1				
14			173	三种植		376	Α.	GEA	R S	ETT	INGS	77.		" Third			
Site#	MTD/I	10	H/P	Date	In Time	In Da	te Out	Time	Out					Comment			
43	EF	1	1	2002/0	9/03 09:2		2/09/03	09:4	2.7								
	- And		1.10		C.	ELEC	TRO	FISI	HER	SPI	ECIFI	CA	TIONS				H
Site#	M	D/N	0	H/P	Encl	Sec		Length	III E	Width	Vol	tage	Frequenc	y Pulse	Make	M	ode
43						200.0		1.6	7	00	60	6	SMITE		2B		
1	- 10		30 AV	(h)			F	ISH	SUI	M M A	RY	913			//		7
Site#	e# MTD/NO H/P Species Stage							e	Total #	Lg	th (Min/M	ax)	FishAct		Commen		
43									0								_



Site #43, Downstream photo of deactivated road crossing. Roll #5, Frame #10, Date: 2002/09/03



Site #43, Upstream photo of cascade/pool habitat. Roll #5, Frame #11, Date: 2002/09/03



Site #43, Downstream photo of stream channel. Roll #5, Frame #12, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

2.0

093L.013

			STR	EAM	REF	EREN	CING			Andrew 7/5		
Gazetted Name:						L	ocal Name:					
Watershed Code: 0	00-0000	00-00000-00	000-0000-0000-00	00-000-0	00-000-	000-000	ILP	Map #: 093L.	013	IL	P#:	3742
a all					REA	CH	严也。	ali di		200	3/3	
Reach #: 2.0 Length (km): 1.01 Gradient (%): 17.1 US Elev (m): 987 Bars: None 🗹 Sid	de 🗌 I	Co Confin	UTM(Zone/East/N cupling: Partially C cement: Confined slands: NONE  Mid-channel	9 BC - 18	Ma Ri	gnitude: Order: 3		d C/D	Sample BGC Open wa	Zone:		ed
		15 - 15	A Commence of	Shirt San	SIT	E		i Livis	1-42	His Comment	100	10
Site #: 44 Site Length (m): 10	0	Field UTM GIS UT	1 М 9.600571.59982	205			y: C172 cy Name: Trito	Crew: Don Environmen	T/JD tal Consu	10.000	2002/09 errace)	9/03
		- 20 pt 20		C	HAN	NEL	- AV	<b>SEVANS</b>	1.	- Pill	10 m	- 3
No Vis.Ch.:	termitter	nt:		Avg	Min	Max	#		Avg	Min	Max	#
Dewatered:	Tribs		hannel Width (m):	2.85	2.5	3.400	6	Gradient %	6: 7.50	6	10	4
Stage: Low			Wetted Width (m):		1	2.3	6	Pool Depth (m	): 0.68	0.5	1	6
Med		В	ankfull Depth (m):	0.87	0.7	1	3	Tur	bidity.:	Turbid		Low
High	Tem	np (C): 6	pH: 7.6		(	Conductivit	y: 40	10,		oderate		Clear
		水师员 2.	T.VER.	MOR	PHO	LOGY						N. C
Bed Material: Dom Subdom	inant: Co		D95 (cm): 30 D (cm): 20			Bars: Non	✓ Side [	Diagonal	Mid-	channel		pan [
Channel Pattern: S Coupling: Pa Confinement: Fa Morphology: 0	artially C requently		Islands: No	ne		CATORS C2 C3	01 B1	B2 B3 5 S1 S2		D2 [ S4	03 S5	
			- 100	11 76	COV	FP			3111500			- 1
Total Cover: Abunda	nt		Type:	SWD	LWI		Τυ	DP I	ov I	IV	1	
			Amount:	T	D	S	T	S	T	N		
LWD: Few	á		Location: P/S/O:		V			VIIV	-			-
LWD Dist: Clumpe	a				I V				ــا [لــالــا	لبالبا	FSZ	<u>:</u> : [_]
Left Bank: Sha	pe: Over pe: Unde eg: Mixe eg:	ercut Text	Stag	avel avel e: Mature e: Mature	e forest	<b>✓</b> Boulde	er Rock	Manmade Manmade Manmade	Algae		own Clos	
	- 4	1W (2)			FIS	Н			T = 20	A.Y.	- 1/1-	7 - 5
Site Number Capt Meth		Number of Events	Length fished (m)	Tota Time		Voltage	Species	Total Fish	Minim Length			mum h (mm)
44 EI	3	1	100	216 s	ec	700	DV	8	65		1	75

#### Morice North Planning Area

ILP Map # Reach #

Comments

Downstream photo of de-activated road crossing.

Upstream photo of cascade pool habitat.

Downstream photo of channel.

ILP#

Site

2.0 093L.013 3742 44 PROJECT Project Name: RFFHI within the Morice Forest District (tribs to Morice R.) Stream Name (gaz.): BULKLEY RIVER Project Code: 5270 WATERSHED Gazetted Name: Local Name: ILP Map#: 093L.013 ILP#: 3742 NID Map #: 093L.013 NID #: 20044 Reach #: 2.0 Site #: 44 Field UTM (Z.E.N): ... Method: Site Lg: 100 Method: MAP Access: V4 GIS UTM (Z.E.N): 9.600571.5998205 Ref. Name: Date: 2002/09/03 Time: 10:05 Agency: C172 Crew: DT/JD Fish Crd?: V Incomplete: CHANNEL Mtd width Avg Gadient % Mtd Avg Channel Width (m): MS 3.10 2.60 2.50 3.40 2.60 2.90 2.85 Method I: 6.0 8.0 C 7.50 Wetted Width (m): MS 1.30 1.20 1.00 2.20 2.30 1.60 1.60 Method II: 10.0 6.0 C Pool Depth (m): MS 0.60 0.80 1.00 0.60 0.50 0.60 0.68 No Vis.Ch.: Intermittent: Wb Depth: 1.0 .9 .7 Avg: 0.87 Method: MS Stage: L V M H Dw: Tribs.: COVER Total: A Type: SWD LWD В DP CROWN CLOSURE u OV IV Amount D S S N 1-20% Loc: P/S/O: INSTREAM VEG: N 🗸 A 🗌 M 🗍 V 📋 LWD: F DIST: C LB SHP: U Texture: F G G C B R A Texture: F G G C B R A RIP: M RIP: M STG: MF STG: MF WATER EMS: Reg #: Temp: 6 Method: T4 Cond.: 40 Method: S3 pH: 7.6 Method: P2 Turb.: T M L C Method: GE Flood Signs: Rafted debris Method: GE MORPHOLOG 01 **B1** B<sub>2</sub> **B**3 D1 D2 D3 Bed Material: Dominant: C Subdom: B D95: 30.0 V D (cm): 20.00 Morph: CP DISTURBANCE **INDICATORS** Pattern: SI C1 C2 C3 C4 C5 S1 S2 **S**3 \$4 **S5** Islands: N Coupling: PC Confinement: FC MID SIDE SPAN Bars: NV DIAG BR FSZ: HABITAT QUALITY Name Comments Spawning Habitat Poor - large substrates and subject to channel disturbances Rearing Habitat Moderate - deep pools and adequate perennial flows. PHOTOS Foc Lg

13

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Morice North Planning Area

Reach # ILP Map #

093L.013

2.0

ILP# 3742 Site 44

Section Comments

CHANNEL DV captured.

CHANNEL S3

## **FDIS Fish Card**

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

000-000000-00000-00000-0000-000-000-000-000-000-000

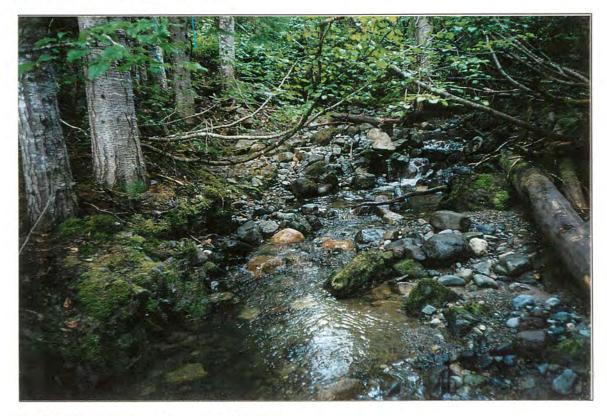
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G	Proje		: 460-	-000000-0			5.5 5 10 70	-	1000 1000			Loc	al:					
	Water	rbody ID roject ID	):		0000		000 00		ILP Map		3L.013	3 Lake/St	ream:	ILP S	#: 3	3742 I Lake Fro	329211111	2 -
	Fish F	Permit #	: 14	15269	D	ate: 200	2/09/03		To: 2	2002/0	9/03	Ag	ency:	C172	Cre	ew: JD/DT	Resa	mple:
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Site#	M	TD/NO	H/P	Date	In Ti	me In	Date C	ut	Time Ou	ıt	- DAGSEN				Com	ment	TO AND THE	
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44		F	1	1	DV	J	-	-		6	6		05	R	1			_
33	-05	1700	100	30 30			IND	171	DUA	L F	111			Section 2	Color No.	20-2-27		12 m
ite#	МТ	D/NO	H/P	Species	Length	Weight	Sex	Mat		Age	- Carrello	Vch#	G	enetic	Roll#	Frame#	Comr	nent
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44	EF	1	1	DV	105		U	U		-	-	-	-		0	10		
44	EF	1	1	DV	175		U	U			-				-			
44	EF	1	1	DV	65		U	U										
44	EF	1	1	DV	95		U	U										
44	EF	1	1	DV	86		U	U										
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44	EF	1	1	DV	80		U	U								1		



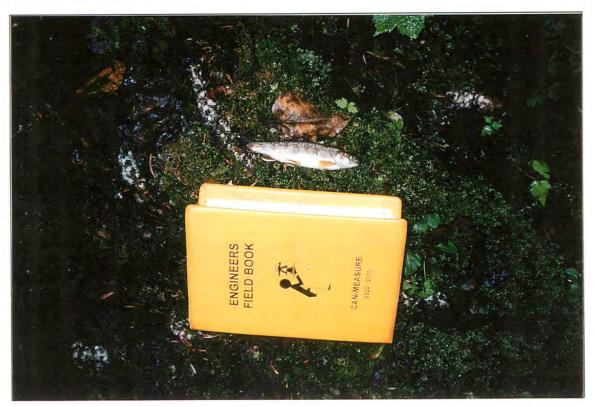
Site #44, Downstream photo of de-activated road crossing. Roll #5, Frame #13, Date: 2002/09/03



Site #44, Upstream photo of cascade pool habitat. Roll #5, Frame #14, Date: 2002/09/03



Site #44, Downstream photo of channel. Roll #5, Frame #15, Date: 2002/09/03



Site #44, Fill in comment from fish form and reprint Roll #5, Frame #16, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

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093L.013

Charles o	u\	p1=11	644		STR	EAM	REF	ERE	NCIN	G				15	
Gazetted									Local N						
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Reach # Length (ke Gradient (* US Elev (r Bars: None	m): .68 %): 10.7 m): 889	de 🔲		UTM(Zon Coupling: E nfinement: C Islands: N	Decoupled Decasiona NONE	d	Mag	nitude: Order:	: 1 : 1 egetation		0		Type: Zone: iter: Abs		ed
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No Vis.Ch	.: 🗌 Ir	ntermitter	nt: 🗸			Avg	Min	Max	#			Avg	Min	Max	#
Dewatered	d: 🔲	Tribs	s.: 🗌 📗	Channel W	/idth (m):	1.67	1.4	1.9	6		Gradient %:	3.00	2	4	4
Stage: Lo	WV			Wetted W			0	0	0		Pool Depth (m):	0.00	0	0	0
Me	The same of		(1)	Bankfull De	epth (m):	0.40	0.4	0.4	3		Turbi	dity :	Turbid		Low
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35.7M	y by	7.5	( ) T		Wind-11	MOR	PHO	LOG	Υ	5		16	3175		
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Total Cove	): Few		nd [	A Location:	Type: mount: P/S/O:	SWD T	S		B N	T	DP O		T	FS	
Right Bank Left Bank Right Bank Left Bank	c: Sha	ape: Ove ape: Ove /eg: Con	rhangi 1 rhangi 1	Texture: Fines	Gra S ✓ Gra Stag	avel C	obble obble forest	Boul Boul	der I	Rock Rock	Manmade Manmade	Igae [	Cro	own Clo 1-2	
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Edit Dail		W													
NID Map 093L.013	NID 88028	Type	Hgt	Method	Lg	Method	d [	Pho	oto	T	AirPhot	0	T	UTI	M (Z/E/I

Morice North Planning Area

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Pro	Proj Stream Na ject Waters		): BULI	KLEY RI	VER			1 1 1 1			00		Project (	Code:			5270		
		(3)				# CS \	3 4 11 16	WAT	ERS	HED	ide significant	- 1 - 5 M			TOMES	9,57			
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C	onfinement:	3.0							B	ars:	NE	SIDE		DIAG		MID	SPA	NICT	PD-
	FSZ:									aro.	NV	OID		DINOL	] "	110	JI A	1	BR
	S -1 30 30 30 40	Non-	Caron	E \$500	H manage of the	101	-a - th	EEA	TUR	E C	Valle (Com	ene e	125 #17	1 10 10	- 15 th		Section 1	and the same	
V	to the	10, 10, 1			-1-3/6	100		The state of the s		E9	(francis)			X		2	The last	6012.70 	" E L
NID Map			Hgt	Method		•	fethod		Photo			AirPl				UTM (Z			Method
093L.013		cv	1.7	GE	2	0	GE	R: 5	F:	17 L	2		#:		9.6	01741.5	599944	9	GIS
Commen	ts: Naturally	embedo	ed culve	rt.															
11.51	10.15	11 -2-1	1 7	1. 电波		1	HAI	BITA	TQU	JALI	TY	112 11	William T	NV-	11000			== ph	
	Name		r ·			71.	700		15 13		は影しの	e	100			HALL S			
Overl	Vinter Habita	ət	None.					_	-	C	comment	.5					_		
	vning Habita		_	enhemo	ral large	e substra	toe sub	iact to la	w flows					_	_	_	-		
	ring Habitat		-			m, no re			W HUWS.					_					
1/69	ing Havitat		Lindi -	chilettie	di Silea	iii, no re	adual po	JUIS.											

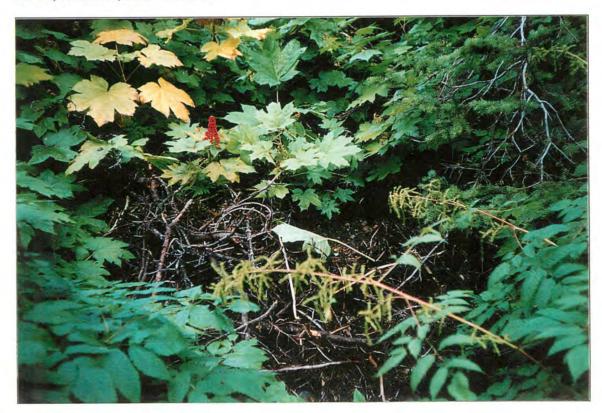
### Morice North Planning Area

Reach # ILP Map # ILP # Site 2.0 093L.013 3740 45

1	31					PHOTOS							
	Ph	noto		Foc Lg	Dir	Comments							
R:	5	F:	17	STD	D	Naturally embedded culvert (1700 mm).							
R:	5	F:	18	STD	The state of the s								
R:	5	F:	19	STD	D	Downstream photo of substrates.							
1		A TOP	1000	<b>高級製作品以及</b> 不		COMMENTS							
		Sec	ction			Comments							
		CHAI	NNEL	S3*									



Site #45, Naturally embedded culvert (1700 mm). Roll #5, Frame #17, Date: 2002/09/03



Site #45, Upstream photo of channel. Roll #5, Frame #18, Date: 2002/09/03



Site #45, Downstream photo of substrates. Roll #5, Frame #19, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

2.0 093L.013

المراجع المراجع المتطابع				STR	EAM	KEF	EREN	CING	The state of the s			17 (18)		y=,6
Gazetted Name:							1	ocal Name	);					
Watershed Code:	000-0000	00-00000	-00000-0000	-0000-00	0-000-00	0-000-0	00-000	- 1	LP Map #: 0	93L.013	3	ILI	#:	3737
BATE			124-115-34- 2415-115-34-115-34-1	and the same	F	EAC	H				N - 1/2			- 1 ps
Reach #: 2.0			UTM(Zon	e/East/N	orth): 9.6	02434.5	999969			s	ample	Туре:	Biase	ed
Length (km): .82			Coupling: D	Decree to the second		Mag	nitude:	2			BGC	Zone:	SBS	
Gradient (%): 11.9		Cor	nfinement: F		Confin	26.7	Order:	The Court is		Ot	oen wa	ter: Abs	ent	
US Elev (m): 905	_		Islands: N	ONE		Ripa	arian Ve	getation: S	hrubs					
Bars: None 🗸 S	Side [	Diagonal	Mid-ch	annel _	Span	Bra	aid 🔲	Landuse:	Not Specifie	d				
17 7075	37,46				South of the	SITI		100	1 1 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0, ±0, <sub>11</sub> , †	nis,		vit j	Jiyan .
Site #: 46 Site Length (m): 1	00		JTM UTM 9.60236	55.59995	70			cy: C172 cy Name: T	Crew riton Environ		-		2002/09 errace)	9/03
			Alle The		CI	IANI	NEL	e militaria.		Ŷ,	10.53	- T		arv li
No Vis.Ch.:	Intermitten	nt: 🗸		= 10	Avg	Min	Max	#			Avg	Min	Max	#
Dewatered:	Tribs	s.: 🔲 📗	Channel W	idth (m):	1.40	1.200	1.600	6	Gradi	ent %:	5.00	3	6	4
Stage: Low			Wetted W		0.00	0	0	0	Pool Dep	th (m):	0.00	0	0	0
Med		L	Bankfull De	epth (m):	0.33	0.3	0.4	3		Turbid	lity.:	Turbid		Low
High	Tem	np (C):	p	H:		C	onductivi	ty:				oderate		Clear
Correct Compatibility		e la l	553	15.	MOR	PHO	LOGY	e			15	( ) ( ) ( ) ( ) ( ) ( )		3665
Bed Material: Do Subdo	ominant: Co ominant: Gr			(cm): 15.		E	Bars: Nor	Sid	e Diago	onal 🗌	Mid-	channel	_	oan [
Channel Pattern:			Isla	ands: Nor	ne i		BANCE	01 B	1 B2	B3 I	D1	D2 D	3	
Confinement:	Occasions		ne				C2 C	3 C4	C5 S1	S2	S3	S4	S5	
Morphology:		ascade P			F			3 (4	C3 31	52	53	54	55	
					L				المالي	النا		_ا_ا	ш	
				<u> </u>		OVE		W. Green	f years		Y		***	1-1-1
	tant			Type:	SWD	LWD	В	U	DP	0/		IV		
Total Cover: Abund	dant					T						T		
Total Cover: Abund	udit	-		mount:	T		N	S	N	D	_			
		ed [	Location:										FSZ	Z: 🗌
LWD: Few LWD Dist: EvenI Right Bank: SI Left Bank: SI	y Distribute	rhangi T rhangi T		P/S/O: Gra	vel C	cobble cobble	Bould	er Rock	Manma	de 🗌	_		FSZ wn Clos 1-2	sure
LWD: Few LWD Dist: Evenl Right Bank: SI Left Bank: SI Right Bank: Rip	y Distribute hape: Over	rhangi T rhangi T	Location: exture: Fines	P/S/O: Gra	vel (	Cobble Cobble nerb sta	Bould Bould	er Rock	Manma	ade ade		Cro	wn Clos	sure 0%
LWD: Few LWD Dist: Evenl Right Bank: SI Left Bank: SI Right Bank: Rip	y Distribute hape: Over hape: Over b.Veg: Shru	rhangi T rhangi T	Location: exture: Fines	P/S/O: Gra	vel (	Cobble Cobble nerb stagenerb stagenerb stagenerb	Bould Bould	er Rocker Rock	Manma	ade ade		Cro	wn Clos	sure 0%
LWD: Few LWD Dist: Evenl Right Bank: SI Left Bank: SI Right Bank: Rip	y Distribute hape: Over hape: Over b.Veg: Shru	rhangi T rhangi T	Location: exture: Fines	P/S/O: Gra	vel (	Cobble Cobble nerb stagenerb stage	Bould Bould ge ge	er Rocker Rock	Manma Manma Veg: None	ade ade	gae [	Cro	vwn Clos 1-2 Vas	sure

Morice North Planning Area

Reach #

ILP Map #

IIP#

Site

2.0

093L.013

3737

	P P			J. T.				PF	OJE	CT							*	Me	3 11
	Proje Stream Nam ect Watersh	ne (gaz.	): BUL	KLEY RI	VER				to Morice		000	- 3	Project Co	ode:			5270		
	18.77	===10		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		1/2531/1	e with the	WAT	ERS	HED			national services		of the		Lilens	L	111-11
Gaze	etted Name:										Lo	cal Nam	e:						
Field UT	shed Code: ILP Map#: IM (Z.E.N): IM (Z.E.N):	093L.0	13	JI	LP#: 37				0-000-000 93L.013		NID#: 20 Site Ly Ref. Name	g: 100	Reac	h #: Method		.0	Acces	ite #: 4 s: V2	6
	Dat	e: 200	2/09/03	1	Time: 11	:26		Agency	r: C172		Crew:	DT/JD		Fish	Crd?:		Inc	comple	te: 🗌
70 j.	7,44	15-15			11/6			CF	HANN	EL.		ing the	湖(1967)。	XIII WA	1		.Z		6
		Mtd	width	width	width	width	width	width	width	width	width	width	Avg			Gadie	nt %	Mtd	Avg
Channel	Width (m):	MS	1.40	1.30	1.60	1.50	1.20	1.40					1.40	Met	hod I:	5.0	6.0	С	5.00
	Width (m):	MS		-285	-	1 = 2		-					0.00	Meth	nod II:	3.0	6.0	С	
Pool	Depth (m):	MS						-					0.00	No V	is.Ch.:		Intermitt	ent 5	
	Wb Depth:	.3	1.4	.3	Avo	g: 0.33		Method	: MS		Stage: L	M	пнп		Dw:			ibs.:	Š
	COVER			100	al: A							•		1				-	
-		014/5					1 00		ov T	***	7 00	0444	COURT						
-	Type: Amount:	SWE	_	VD T	B N	S	DF		OV D	IV T	1		OSURE						
-	Loc: P/S/O:					VO				v	-		VEG: 1	M I A		4	V		
	RIP: STG:		5300			in man to		¥	VATE	R		STG	: SHR			Tt.	34.3		
	EMS:		200						artistic in		R	eq #:	1000		2-382-8V				
	Temp:						Meth	od: T4				ond.:					Meth	od: S	3
	pH:						Meth	od: P2	2		7	Turb.: T	ПМГ	111	ТСГ	1	Meth	od: G	E
F	lood Signs:	None					Meth	od: GE					L L		1 - [	_1	,iiouii		-
(0.20)	THE FILE	. 10		6890	or som	1964	N SIN	OR	PHOL	OG	<b>Y</b>	F- 5			Sall Ca		0.00	1	700
Ве	D95: Pattem: Islands: Coupling:	15.0 SI N	Dominar D (cm	nt: C ): 8.00		Subdon	10		DISTURI INDICA		01 C1	B1 C2	B2 B C3 C		HE	ПГ		\$4 	\$ \$5
Co	onfinement:																Serve		
	FSZ:[								В	lars:	N	SID		DIAG	М		SPAN		BR
- XIII.	14			1000	1 / 1	10 m	( Sec. 1)	FE.	ATUR	ES	(a) = 1		() () () () () () () () () () () () () (		ta esta de la companya de la company	4	15	, P	15-7
Map	NID T	уре	Hgt	Metho	d L	g N	Method		Photo	1000	5935	AirP	- M		L	JTM (Z/	/E/N)		Method
L.013	88029 C	V	1.6	GE			GE	R:	5 F:	20	L:		#:		9.60	2402.5	5999465	3	GIS
omments	s: Naturally	embed	ded.																
		100		F 19		1 ( )	HA	BITA	AT Q	JAL	ITY			TARON'			- 1 March	e	
	Name		T	1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1						- 10	Commen	ts	20171-2-	2000	244.2		3 400		
OverW	/inter Habita	t	None.																
	ning Habitat		_	shallow															
Rear	ing Habitat		Poor -	epheme	ral strea	am, no re	esidual p	ools.											

Morice North Planning Area

Reach # ILP Map #

ILP#

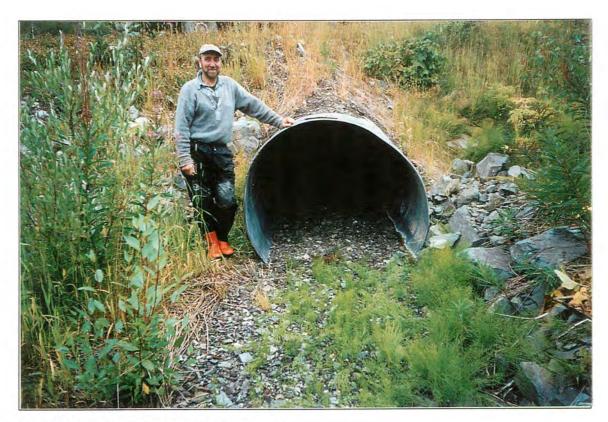
Site

2.0

093L.013

3737

		- Yill		3-36-00	1.7		PHOTOS
	Ph	noto		Foo	Lg	Dir	Comments
R:	5	F:	20	ST	D	U	Naturally embedded culvert (1600 mm).
R:	5	F:	21	ST	D	U	Upstream photo of dry channel.
R:	5 F: 22 STD D					D	Downstream photo of dry channel.
	not in	3		in ly vi			COMMENTS
	Section						Comments
_	-	CHAI	NNEL		S4*		



Site #46, Naturally embedded culvert (1600 mm). Roll #5, Frame #20, Date: 2002/09/03



Site #46, Upstream photo of dry channel. Roll #5, Frame #21, Date: 2002/09/03



Site #46, Downstream photo of dry channel. Roll #5, Frame #22, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

5.0

093L.014

	STRE	AM	REF	ERE	NCIN	G					10 AV
Gazetted Name:					Local N	lame:	100				
Watershed Code: 000-000000-0000	00-0000-0000-0000-000	-000-0	00-000-0	000-000		ILP	Map #: 093L.01	4	IL	P#:	3792
			REA	C H			May here	1 9111		(1) (1)	10 m
Reach #: 5.0 Length (km): .46 Gradient (%): 16.1 US Elev (m): 926 Bars: None Side Diagona	UTM(Zone/East/Nor Coupling: Partially Cor confinement: Frequently ( Islands: NONE	uple	Mag	6000329 gnitude: Order: parian Ve	1 1 egetation		0	Sample BGC pen wa	Zone:	477	ed
	<b>医生活物质风景</b>	2.11	SIT	E	July 1	D 4.	To the second		No. 10	lay-1	54
	UTM S UTM 9.603948.600013	6			ncy: C17		Crew: DT			2002/09 errace)	9/03
	国生艺术协会分析	C	HAN	NEL	1	sin I	M. Postor	134, - 16			$2 = e^{-a k_{\perp}}$
No Vis.Ch.: ☐ Intermittent: ✓ Dewatered: ☐ Tribs.: ☐ Stage: Low ✓	Channel Width (m):	Avg 0.50 0.00	Min 0.300 0	0.600 0	# 6 0	F	Gradient %:	Avg 18.75 0.00	Min 16 0	22 0	# 4 0
Med Temp (C):	Bankfull Depth (m): pH;	0.23	0.2	0.3 Conductiv	3 vity:		Turbi	1000000	Turbid oderate	=	Low
		I O F	PHO	LOG	γ	Sales at	W. 100 - 100 - 1	la.	in in	7/49	1 400
Bed Material: Dominant: Fines Subdominant: Gravels	D95 (cm): 15.00 D (cm): 5.00			Bars: No	on 🗸	Side	Diagonal [	Mid-	channel	- 7	oan 🗌
Channel Pattern: Sinuous Coupling: Partially Coupled Confinement: Frequently Confir Morphology: CP Cascade				RBANCE CATORS C2 (	01 C3 C4	B1 4 C5	B2 B3 S1 S2	D1   S3	D2 D S4	S5	
		1	COVI	ER	to de a	x 350		112 - 7	3		- Edin
Total Cover: Abundant LWD: Few LWD Dist: Evenly Distributed	Type: S Amount:  Location: P/S/O:	T	T	) E		U S	DP O	_	IV D	FSZ	<u>.</u> : 🗆
Right Bank: Shape: Overhangi Left Bank: Shape: Overhangi Right Bank: Rip.Veg: Coniferous Left Bank: Rip.Veg:	Stage:	el Matur	Cobble Cobble e forest e forest	Bould	der F	Rock [] Rock [] eam Veg	Manmade Manmade Nanmade A	lgae 🗌		own Clos 1-20	

Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

5.0

093L.014

3792

	A. C.					N. Sales	PR	OJE	CT		THE V		7			到一个	
Proje Stream Nan Project Watersh	ne (gaz	.): BUL		VER						00	ı	Project C	ode:			5270	
11 - 1888 平海井 18			200	929		Men.	WAT	ERS	HED	in Eghno		8.5	35		111		
Gazetted Name: Watershed Code: ILP Map#: Field UTM (Z.E.N): GIS UTM (Z.E.N):	000-00 093L.0	948.6000	)131	.P#: 37 M	92 Method:	NID M	ap #: 09	3L.013	Re	ID#: 20 Site Li ef. Name	g: 100 e:			5. hod: MAP		Site a	72
Dat	e: 200	2/09/03		ime: 12:	:07	- 1	Agency:			rew:	DT/JD		-	ish Crd?:	Ш	Incom	plete:
	V TI	il (		5.00			СН	ANN	EL	Selling	Q.		i i		6.50		
Channel Width (m): Wetted Width (m): Pool Depth (m):	Mtd MS MS MS	0.60	width 0.40	0.50	0.60	width 0.30	0.60	width	width	width	width	0.50 0.00 0.00	N	lethod II:	22.0	20.0	18.75
Wb Depth:	.2	.3	.2	77797	: 0.23		Method:	MS	St	age: L	<b>✓</b> M	пн		o Vis.Ch.: Dw:	1	ntermittent: Tribs.:	_
COVER			Tota	al: A													
Type: Amount: Loc: P/S/O:	SWI	_	ND T	B N	U S	DF	_	ov s	IV D	1		-20%		A			
LB SHP: Texture: RIP: STG:  EMS: Temp: pH: Flood Signs:	C MF	G C	C [	В	R 🗌 A	Metho Metho	wod: T4 od: P2 od: GE	ATE	R	R	RIP STG eq #: ond.:	: F 🗸 :C :MF	ejani	_ c _		R	S3
FIL MASS	- 70	S. 1	10			_ N	ORF	HOL	OGY		专员员		21.40	1 - 1 - 1			
Bed Material: D95: Pattern: Islands: Coupling: Confinement: FSZ:	15.0 SI N PC FC	Dominar D (cm	nt: F ): 5.00		Subdom Morph			INDICA	BANCE TORS	01 C1	B1 C2 SID	C3		D1 D2 C5 S1			S4 S5
100	PK F	100	all to	10 421	- 1 S	HA	BITA	TQ	JALI	Y	V 10 10 1	54-1	1111	<b>阿斯斯</b>			
Name	- 62			process.	-heule	- Ingil		hiii	С	ommen	ts	للشاشا	III R.	AT-U-HILL	-	and all a	
OverWinter Habita		None.															
Spawning Habitat			- no suita			0 0											
Rearing Habitat	11000	Poor -	high gra	dient ep	hemeral	stream		residual IOTC					200				
Photo		oc Lg		D								Comme	nts				
R: 5 F: 23 R: 5 F: 24		STD		- 1					mall case of substra								

#### Morice North Planning Area

Reach# ILP Map # ILP # Site 5.0 093L.014 3792 47

	COMMENTS
Section	Comments
CHANNEL	High gradient section upstream of road crossing prevent upstream fish migration ~100 m upstream of confluence.
CHANNEL	S4*/S6



Site #47, Upstream photo of small cascade. Roll #5, Frame #23, Date: 2002/09/03



Site #47, Downstream photo of substrates. Roll #5, Frame #24, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

3.0

093L.014

		STR	EAMRE	FEREN	CING			
Gazetted Name:				L	ocal Name:			
Watershed Code: 000-000	000-00000-000	00-0000-0000-00	00-000-000-000	0-000-000	ILP	Map #: 093L.0	)14 IL	P#: 3787
			RE/	CH	Nevana i sa a Nevana ka ka ka ka sa	The state of the s		
Reach #: 3.0 Length (km): 1.37 Gradient (%): 11.5 US Elev (m): 1002 Bars: None  Side	Confine	TM(Zone/East/N ipling: Decoupled ment: Frequently lands: NONE Mid-channel	d N y Confin	lagnitude: Order: 1	1 etation: Decid Landuse: Not	uous	Sample Type: BGC Zone: Open water: Abs	
	Nov 1	Bre ille	SI	TE		新的版		10 m = 01
Site #: 48 Site Length (m): 100	Field UTM GIS UTM	 19.604291.60017	64	1000000	r: C172 y Name: Triton		D/DT Date: al Consultants (T	2002/09/03 епасе)
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		CHA	NNEL	The Congress		M. 19	30 1 - 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
Stage: Low 🗸	os.: Ch	nannel Width (m): Vetted Width (m): Inkfull Depth (m): pH: 7.6	Avg Min 1.35 1.20 0.60 0.5 0.33 0.3		3	Gradient % ool Depth (m		Max # 6 4 0.200 3  Low Clear ✓
	out the second	· · · · · · · · · · · · · · · · · · ·	MORPH					
Channel Pattern: Sinuous Coupling: Decouple Confinement: Occasion Morphology: CP		D (cm); 5.	ne DIST	URBANCE ICATORS C2 C3	O1 B1 C4 C5	B2 B3 S1 S2		Braid D3
			COV	ER	CONTRACTION.	19 12 T	J. House and the	HEAVIER OF
Total Cover: Abundant  LWD: Few  LWD Dist: Clumped		Type: Amount: ocation: P/S/O:	SWD LV	VD B S N	U T	DP N	OV IV	FSZ:
[[[리 () 라틴 () [[리 () [] [] [] [] [] [] [] [] [] [] [] [] []	erhangi Textu	Stag	e: Mature fores e: Pole-sapling	e Boulde	Rock Instream Veg	Manmade Manmade None	Cr	own Closure 1-20%  Vascular
NID Map NID Type	Hgt M	lethod Lg	Method	Photo	- 188 W	AirPho		LITA / ZICA
093L.013 88030 CV  Comments: Partial barrier	1.2	GE 20			01A L:	AirPho	#:	UTM (Z/E/N) 9.604482.6001
	23117	PER AL SA	FIS	BH TOO	3.33 mile	To The Horis		
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	102 sec	700	NFC	0		A STATE OF THE STA

### Morice North Planning Area

Reach #

ILP Map#

Site

093L.014 3.0 3787 48

		2016	-	76.7季费	4 4		PR	OJE	CT		/a a i M		1	₹ W.	·Wen		2001	
Proje Stream Nar Project Watersh	ne (gaz.	): BULI	KLEY R	VER				to Morice		00		Project C	ode:			5270		
	2002	(nc. 1/3)	1 20	and the	Pro	1845.0°	WAT	ERS	HED	251	I AST 1	15.53	74. "I	115-415-4	N Sail V	1	101	
Gazetted Name Watershed Code ILP Map#	: 000-00			000-0000 LP#: 37			000-000 ap #: 09			Loc ID#: 20	cal Nam		ch#:	3	.0	Si	ite #: 48	
Field UTM (Z.E.N) GIS UTM (Z.E.N)		91.6001	764	N	Method:					Site Lo	g: 100		Meth	nod: MAP		Access	s: V2	
Da	te: 200:	2/09/03		Time: 12	:34		Agency:			rew: .	JD/DT		F	ish Crd?:	V	Inc	complete:	Ц
V		- 1,4470	113 W		We William	y		ANN		170				Office of the	10.			
Ch ( 146.44 /)	Mtd	width	width	width	width	width	width	width	width	width	width	Avg	-		Gadie			Avg
Channel Width (m): Wetted Width (m):	MS	1.60	1.30	1.20	1.20	1.40	1.40				1	1.35	-	Method I:	6.0	5.0		4.50
Pool Depth (m):	MS	0.60		-		0.50	0.70	-				0.60	L <sub>M</sub>	ethod II:	3.0	4.0	C	
Poor Deptir (m).	IVIO	0.10				0.20	0.10					0.13	l N	o Vis.Ch.	. 🗆	Intermitte	ent V	
Wb Depth:	.3	.4	.3	1 Avo	: 0.33		Method:	MS	St	age: L	M	пно		Dw			ibs.:	
COVER				al: A							( <b>v</b> )			-				
Type:	SWD	LV	VD	В	U	DF	1	ov T	IV	CRO	OWN CL	OSURE						
Amount:	T	- 8	3	N	T	N		D	т	1	1	1-20%						
Loc: P/S/O:	V			m	V	THE				INS	TREAM	VEG:	NI	A	МП	V		
LB SHP. Texture: RIP. STG:	F 🗸	G	c $\square$	В	R 🗌 A						RB SHP Texture RIP STG	: F 🗸	G	] ¢ □	В	R 🗍	A 🗌	
						(i)	W	ATE	R	- W 1012		17	100			. S. 31	1615m	23
EMS:										Re	eq #:							
Temp:	8					Metho	od: T4			Co	ond.: 50					Metho	od: S3	
pH:						Metho	od: P2			T	urb.: T	$\square$ M		□ c		Metho	od: GE	
Flood Signs:	None					Metho	od: GE				even y	П.,				,		
1 - 2 di 1 - 4 s	100		2901	300	SE 22	N	ORF	HOL	OGY	OF ALL	V/ 100	THE STATE OF	Span	4.0	11 7	- F.3		
Bed Material:		Dominan	t: G		Subdom	: C				01	B1	B2	B3	D1 D2	2 D3	3		
D95:			: 5.00		Morph	7.15		NOTHER	MANOR					FILE				
Pattern:					772.0		L	INDICA		04	00	00	04	05 04			0.4	05
Islands:										C1	C2	C3	C4	C5 S1	1 S2	2 \$3	S4	S5
Coupling:												خاوليا						
Confinement:																		
FSZ:								В	ars:	N	SID	E	DIAG	M		SPAN		BR
ENGLE HAS	2 0	-				SATE	FEA	TUR	ES			100	in the	1 To 200	<b>13</b>	1 3.00	Page 1	Tues
	уре	Hgt	Metho	d L	g N	lethod	- Congress	Photo		*****	AirP	hoto		Ti	JTM (Z	/E/N)	Me	thod
093L.013 88030 C	V	1.2	GE			GE	R: 6		01A L			#:				5001809	_	GIS
Comments: Partial ba	rrier.							275										
The line was some	3.8	6780K	1		Pier-III	HAI	BITA	TQL	IALIT	Y	THE REAL PROPERTY.	, 30 B	3 - 3	10000000000000000000000000000000000000	NEW DE LA	THE STATE OF	1	THE P
Name		1		- 1	(C)	100		We also	40.70	omment						27-		
OverWinter Habita	it	None.			_	_	_		- 0	omment				-				
Spawning Habitat		_	shallow	stream v	with large	e substra	ates.	_					-	-		-		
Rearing Habitat		_						ow pool,	limited c	hannel o	complex	ity.						
		-																

Morice North Planning Area

Reach # ILP Map #

ILP#

3.0

093L.014

3787

Site 48

			with a silver			PHOTOS
	Pho	oto		Foc Lg	Dir	Comments
R: 6	5	F:	01A	STD	U	Photo of culvert - gradient too high.
R: 6	5	F:	02A	STD	Ü	Photo of channel substrates.
R: 6	3	F:	03A	STD	D	Photo of LWD and Cover.
103		T 175		<b>医复数的原始的</b>		COMMENTS
		Sec	tion			Comments
		CHAI	NNEL	Ephemeral :	tream.	
	-	CHAI	NNEL	S4		

### **FDIS Fish Card**

#### Morice North Planning Area

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Reach # ILP Map #

Watershed Code:

3.0

093L.014

ILP# 3787

				4		HOVE 2	WAT	RB	OD.	Y		THE STATE	THE THE			
Gaz	zetted Name	:								Loca	al:	-				
F						0-0000-000-00										
14			000000-0	0-0000	0000-000	0-0000-000-00							0707			
V	/aterbody ID Project ID						ILP Map	#: 09		t Lake/Str	eam:	ILP#: S	3787 Lake	Reach From Dat		9
F	ish Permit#	: 14	5269		Date: 2	002/09/03	To:	2002/0	9/03	Age	ency:	C172	Crew: DT	7/JD	Resam	ple:
a Mile		1 -1/0			(中) / 1	S	ITE I	ME	THO	O D	1001	LEGIS.	计划分别	· 经产品的	<b>海</b> 鲁州	100
Site#	NID Map	NIC	)#	UTM:Z	one/East/	North/Mthd	MTD/N	) Te	emp	Cond	Turt	oid		Commer	nt	- N-M
48	093L.013	200	48			GPU	EF 1	50	8	50	С					
THE ST	10000			Variation of	V X	Α.	GEAR	SE	TTI	NGS				Emergia (Milya)		
Site#	MTD/NO	H/P	Date	ln	Time In	Date Out	Time O	ıt				C	omment			
48	EF 1	1	2002/0	9/03	12:34	2002/09/03	12:55									
100		Y	1	Jan Fill	C. E	ECTRO	FISH	ER S	SPE	CIFI	CA	TIONS	31 3h		区有理点是	
Site#	MTD/I	ON	H/P		Encl	Sec I	Length	W	idth	Volt	age	Frequency	Puls	e N	Make	Mode
48	EF	1	1		0	102	100.0		0.6	70	00	60	6		MITH	12B
	Towns to the		1	100		F	ISHS	UM	MAI	RY	7			al Year and		
Site#	MTD/I	OV	H/P	Spec	cies S	stage Ag	e To	tal#	Lgth	(Min/Ma	ax)	FishAct	71	Comr		
48	EF I	1	1	NEC	2			0								



Site #48, Photo of culvert - gradient too high. Roll #6, Frame #01A, Date: 2002/09/03



Site #48, Photo of channel substrates. Roll #6, Frame #02A, Date: 2002/09/03



Site #48, Photo of LWD and Cover. Roll #6, Frame #03A, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

3.0

093L.014

			STR	EAM	REF	EREN	ICINO	3		The state of the s			
Gazetted Na Watershed	7	0000-00000-00	000-0000-0000-00	0-000-00	00-000-		Local Na		Map #: 093L.01	14	ILP	· #:	3783
			TO SPANS TO	1	REA	CH		No. of the			VAS	1	E 7 1/21
Reach #: 3 Length (km) Gradient (%) US Elev (m) Bars: None	): 2.02 ): 4.3 ): 875	Confin	UTM(Zone/East/No pupling: Partially C nement: Occasiona slands: NONE	ouple ally Conf	Ma	gnitude: Order: parian Ve	getation		erous	Sample T BGC Zo Open wate	one: S		om
bars. None	Side _	Diagonal	Mid-channel	Span	SIT	Braid [_]	Landu	se: Not	Specified		78 63	200	η≃ . τ.
Site #		Field UTM GIS UT	M 9.604785.60032	43	311	Agen	cy: C172		Crew: DT		Date:		9/03
		70 P		C	HAN	NEL	To Pay Vings	3 OT		1 pt 13.		6 to 10 to	- 101
No Vis.Ch.:	Intermitt	ent: 🗸		Avg	Min	Max	#			Avg	Min	Max	#
Dewatered:	Tri		hannel Width (m):	2.72	2.1	3,200	6		Gradient %:	3.75	3	5	4
Stage: Low	<b>✓</b>		Wetted Width (m): lankfull Depth (m):	0.88	0.600	1.200	3	P	ool Depth (m):	0.42	0.300	0.5	6
Med				0.60	-				Turbi		urbld		Low
High		emp (C): 8	pH: 7.8			Conductiv				Mod	lerate	1	Clear 🗸
Confine	ipling: Coupled ment: Entrenc plogy: RP				C1	CATORS C2 C	3 C4	C5	B2 B3 S1 S2	D1 D2 S3		\$5	
		STORY TO	ann an Ir i age		COV	ER		1 100			gt.		
Total Cover:  LWD:  LWD Dist:  Right Bank:  Left Bank:  Right Bank:		ndercut Text	ture: Fines Gra		Cobble Cobble	Bould Bould	er R	U T ock ✓	T S		N Cro	FS wn Clo 1-2	
Left Bank:	Rip.Veg:	Ten 3.	Stage	e: Mature	e forest			am Veg	: None 🗸 A	No. of the state of			cular [
NID Map	NID Type		Method Lg	Meth	Sept.	Pho	Chris	1	AirPhot	to			M (Z/E/N
	88031 CV	1.2	GE 25	GE	R:		: 04A	L:	, , (10	#:		_	826.6003
Comments	2 x 1 m and	1 x 1.2 m culve	erts.										
1 10 10	10053	W		7000	FIS	H	- The has	E-1-1-		6 W 6	1	3 83	
Site Number	Capture Method	Number of Events	Length fished (m)	Tota	d	Voltage	Spe	cies	Total Fish	Minimu Length (r			imum th (mm)
49	EF	1	300	329 s	_	700		-C	0				
307	EF	1	700	546 s	ec	900	NE	C	0				

Morice North Planning Area

Reach #

ILP Map#

ILP#

Site

3.0 093L.014 3783 49

No Company		WAY.				#2000	PR	OJE	СТ	JA.	1000 2010 200	Winds	Photo S		
Proje Stream Nam Project Watersh	ne (gaz.	): BUL		VER						00	1	Project C			5270
		15)-4	A				WAT	ERS	HED	The state of		- Throng .		No YE	
Gazetted Name:								W.T.		Lo	cal Nam	e:			
Watershed Code:						0-000-00	000-000	000-000							
ILP Map#:		14	II	.P#: 37	783	NID M	ap #: 09	3L.014	1	IID#: 2	0049	Rea	ch #:	3.0	Site #: 49
Field UTM (Z.E.N):		05 0000		N	lethod:				- 12		g: 300		Method: M.	AP	Access: V2
GIS UTM (Z.E.N):	9.6047	85.6003	243						R	ef. Nam	e:				
Date	e: 2002	2/09/03	Ţ	ime: 13:	12		Agency:	C172		Crew:	DT/JD		Fish Cro	?: <b>V</b>	Incomplete:
The street Wife				A Jina			CH	ANN	EL	3 300	10-60		110 1	الدرو الأ	a X 数据在一下
	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadi	ent % Mtd Avg
Channel Width (m):	_	3.10	2.60	2.80	3.20	2.10	2.50					2.72	Method		4.0 C 3.75
Wetted Width (m): Pool Depth (m):	MS	1.20	0.60	0.30	0.60	0.90	0.80					0.88	Method	11: 3.0	3.0 C
r doi Dopai (iii).	MO	0.00	0.40	0.00	0.40	0.00	0.40			_	_	0.42	No Vis.C	h.:	Intermittent:
Wb Depth:	.6	.6	.6	Avg	: 0.60	٨	Method:	MS	S	tage: L	✓ M	H		)w: 🗌	Tribs.:
COVER			Tota	ıl: A											
Туре:	SWD	LV	VD	В	U	DP		OV	IV	CR	OWN CL	OSURE			
Amount:	T		)	T	Т	T	31	S	N	1		-20%			
Loc: P/S/O:	<b>V</b>	V			<b>V</b>	V				INS	TREAM	VEG:	NVA	M	v 🗆
LWD:	F		DI	ST: E											
LB SHP:	U										RB SHP	U			
Texture:	F	G	C	B	RVA	П					Texture	F	GCC	78	RVA
RIP:	С										RIP	-			
STG:	MF										STG	MF			
	-	5000				1000	W	ATE	) circus	ai/s	- ali		To The AS		
EMS:						270.00					eq #:	-0	i Salati		=X(_=\)
Temp: 8	3					Metho	d: T4				ond.: 40				Method: S3
pH: 7	7.8					Metho	d: P2			7	urh · T	п м г	rlc		Method: GE
Flood Signs: N	Vone					Metho	d: GE				uio t	L 1		V	Wethou, OL
N. T. Walter		205	(C-1)		S. M.C.	M	ORP	HOL	OGY	254	T THE		100 July 100	Sec.	200
Bed Material:	р	ominan	t:R		Subdom	· C				01	B1	B2 E	33 D1	D2 D	3
D95:			: 10.00		Morph		-	ISTURB	ANCE			ПП		ПП	7]
Pattern: 5	SI							INDICAT		C1	C2	C3 (	C4 C5	S1 S	2 S3 S4 S5
Islands: I										П					
Coupling: (	00														
Confinement: E								R	irs:	N	SIDE		DIAG	MID	SPAN BR
FSZ:								Do		NV	Oibi	L.	JING _		SPAN BR
		W. 1 %	100	RIST			FEA	TUR	ES	SPAN.	0/8/3/9			(Fig. 18)	No. of the state o
NID Map NID Ty	уре	Hgt	Method	L	g M	lethod	ar males and	Photo	NE 300 A	100	AirPl	noto	10000	UTM (Z	Z/E/N) Method
093L.014 88031 C		1.2	GE	2	5	GE	R: 6	F: (	04A I	i L		#:	9	604826.	6003245 GIS
Comments: 2 x 1 m ar	nd 1 x 1.	2 m cul	verts.												
1 2 THE	o ind	17 my 1		A CONTRACTOR		HAE	BITA	T QU	ALI	TY	1 10	SLOTE L		(9)	
Name									(	commen	ts				
OverWinter Habitat		_	shallow p												
Spawning Habitat					manie 10	Spawn	IIIQ.								

Morice North Planning Area

Reach#

ILP Map #

ILP#

Site

3.0

093L.014

3783

	Ph	oto		Foc Lg	Dir	Comments
R:	6	F:	04A	STD	U	Photo of 3 culverts at crossing.
R:	6	F:	05A	STD	U	Upstream photo of bedrock chute.
R:	6	F:	06A	STD	D	Downstream photo of bedrock chutes.
			100 mm = 15	Article Market		COMMENTS
		Se	ction			Comments
		CHA	NNEL	Possible barr	ier downstream	chutes may also prevent upstream migration 5 - 6 chutes. Barrier located downstream.

## **FDIS Fish Card**

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

307

NFC

000-00000-00000-00000-0000-000-000-000-000-000-000

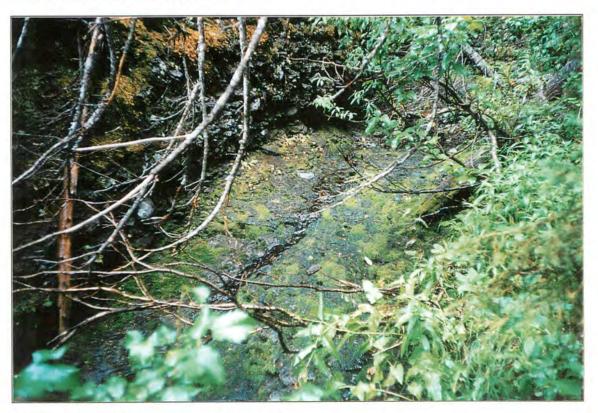
3.0

093L.014

		120					Contraction of the Contraction o		WA	TEI	RBOL	Y	F.994	///			
Gaz	zetted	Name:										Loc	al:				
F	roject	Code:	460-	0-00000	0000-000	00-000	0-0000-0	00-00	0-000	-000-0	0-000						
	WS	Code:	0004	0-00000	0000-000	00-000	0-0000-0	00-00	0-000	-000-0	000-000						
W	aterbo	dy ID:							ILP	Map #:	093L.0	14		ILP#:	3783	Reach #:	3 -
	Proj	ect ID:	5270									Lake/St	ream:	S	Lake I	From Date:	
F	ish Pe	rmit #:	14	5269	ı	ate: 2	002/09/0	3	To	o: 200	02/09/03	Ag	ency:	C172	Crew: JD/0	OT Res	ample:
79	- 3	Self-	7 to 1		97.C		5.50	S	ITE	11	METH	OD	E A				101-
Site#	NID	Мар	NID	#	UTM:Zor	e/East/	North/Mt	hd	MTC	O/NO	Temp	Cond	Turt	oid		Comment	
307	093	014	203	07		30 1		GPU	EF	1	6	50	C				
49	093	014	200	49				GPU	EF	1	8	40	С	7			
			. 33			# 1 m		A. (	GEA	R:	SETT	INGS					
Site#	MTI	O/NO	H/P	Date	In T	me In	Date	Out	Time	e Out		Table 1 and		C	omment		
49	EF	1	1	2002/0	9/03	3:12	2002/0	9/03	14:	:06							
307	EF	1	1	2002/0	9/03	4:00	2002/0	9/03	15:	:00							
	100		- 11	1	C	, EI	LECT	RO:	FIS	HER	RSP	ECIFI	CA	TIONS			
Site#	1	MTD/N	0	H/P	Er	cl	Sec	L	ength		Width	Vol	tage	Frequency	Pulse	Make	Mode
49	EF		1	1			329		300.0	H	1.0	7	00	60	6	SMITH	12B
307	EF		1	1			546	1.50	700.0		1.0	9	00	60	6	SMITH ROOT	12B
		Š. X	1888	1			1000	F	ISH	SU	MMA	RY		" pA		FIG. VIII	
Site#		MTD/N	0	H/P	Specie	s S	Stage	Age	9	Total	# Lg	th (Min/M	ax)	FishAct		Comment	
49	EF		1	1	NFC					(							



Site #49, Photo of 3 culverts at crossing. Roll #6, Frame #04A, Date: 2002/09/03



Site #49, Upstream photo of bedrock chute. Roll #6, Frame #05A, Date: 2002/09/03



Site #49, Downstream photo of bedrock chutes. Roll #6, Frame #06A, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

4.0

093L.014

STREAM REFERENCING
Gazetted Name: Local Name:
Watershed Code: 000-000000-00000-0000-0000-0000-000-00
REACH
Reach #: 4.0 UTM(Zone/East/North): 9.603238.6004012 Sample Type: Biased Length (km): .86 Coupling: Decoupled Magnitude: 1 BGC Zone: ESSF Gradient (%): 3.4 Confinement: Occasionally Conf Order: 1 Open water: Absent US Elev (m): 904 Islands: NONE Riparian Vegetation: Coniferous  Bars: None Side Diagonal Mid-channel Span Braid Landuse: Not Specified
SITE STATE
Site #: 50 Field UTM Agency: C172 Crew: JD/DT Date: 2002/09/03 Site Length (m): 100 GIS UTM 9.603387.6003783 Agency Name: Triton Environmental Consultants (Terrace)
CHANNEL
No Vis.Ch.:         Intermittent:         Avg         Min         Max         #         Avg         Min         Max           Dewatered:         Tribs.:         Channel Width (m):         1.08         0.9         1.200         6         Gradient %:         2.00         1         3           Stage:         Low ✓         Wetted Width (m):         0.58         0.400         0.9         6         Pool Depth (m):         0.30         0.200         0.400         Low           Med         Bankfull Depth (m):         0.40         0.3         0.5         3         Turbidity.:         Turbidity.:         Turbid         Low
High Temp (C): 8 pH: 7.6 Conductivity: 50 Moderate Clea
MORPHOLOGY
Subdominant: Cobble D (cm): 5.00  Channel Pattern: Sinuous Islands: None Coupling: Decoupled Confinement: Unconfined Confinement: Unconfinement: Unconfined Confinement: Unconfinement:
COVER
Total Cover: Abundant         Type:         SWD         LWD         B         U         DP         OV         IV           LWD: Few         Amount:         S         S         N         T         N         D         T           LWD: Dist: Clumped         Location: P/S/O:         Image: Clumped of the control
Right Bank: Shape: Overhangi Texture: Fines  Gravel Cobble Boulder Rock Manmade Crown Closure  Left Bank: Shape: Overhangi Texture: Fines  Gravel Cobble Boulder Rock Manmade 1-20%  Right Bank: Rip.Veg: Coniferous 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 (2           093L.013         88032         CV         1.0         GE         20         HC         R:         6         F:         07A         L:         #:         9.603445.
Comments:
FISH TO THE RESERVE T
Site Number   Capture   Number of   Length fished   Total   Voltage   Species   Total   Minimum   Maximu   Method   Events   (m)   Time   Fish   Length (mm)   Length (n)   Le
50 EF 1 100 216 sec 700 NFC 0

#### Morice North Planning Area

Reach#

ILP Map #

ILP#

Site

Project Nar Stream Name (ga Project Watershed Co	ne: RFFHI with	RIVER			t (tribs to		R.)	0	F	Project C	ode:		5270
	\$5000 FEET - 1-	(A) (A) (A)			WAT	ERSI	HED	130.00	2 6	Notice to	a de music	gr i	
Gazetted Name: Watershed Code: 000-0			V.	- Company of the Comp				Loc	cal Nam				
ILP Map#: 093L		ILP#: 37			ap #: 093			D#: 20	050	Read	ch #:	4.0	Site #: 50
Field UTM (Z.E.N):		N	Method:					Site Lg	: 100		Metho	d: MAP	Access: V2
GIS UTM (Z.E.N): 9.603	387.6003783						Re	f. Name			mound	G, IVII (I	7100003. 42
		E.S.M			in a		2.0				5.4		
Date: 20	02/09/03	Time: 14:	:17		Agency:			rew: J	JD/DT		Fisi	h Crd?:	✓ Incomplete: _
			物。作		CH.	ANN	EL	No.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		# WE	TO VE	
Mtd	The second secon		width	width	width	width	width	width	width	Avg		-	Sadient % Mtd Avg
Channel Width (m): MS	1.20 1.20	1.00	0.90	1.20	1.00	1				1.08			2.0 3.0 C 2.00
Wetted Width (m): MS	0.40 0.60		0.90	0.50	0.70					0.58	Met	thod II: 2	2.0 1.0 C
Pool Depth (m): MS	0.40 0.30	0.20	0.20	0.30	0.40					0.30	No	Vis.Ch.:	Intermittent:
Wb Depth: .4	.3 .5	7 Avo	: 0.40	N	fethod:	MS	Sta	age: L	M	ПНГ		Dw:	Tribs.:
COVER		otal: A							V		1		
		7.07100		1									
Type: SW Amount: S		В	U T	DP		DV	IV	1110		OSURE			
Amount: S		N	_	N	_	D	T	1		-20%			m v m
		إنالا	<b>V</b>	لنالنا	~			1143	INCAW	VEG.	🗀 .	, [] w	
LB SHP; O Texture: F RIP; C STG: MF	Ne □ c □	B 🗆 1	R 🗌 A						RB SHP Texture RIP STG	F 🗸	G 🗀	С 🗌 В	RA
					W	ATE	₹	200 T 4	<b>新</b> 5点	De Salvania			A CONTRACT
EMS:								Re	eq #:				
Temp: 8				Metho	d: T4				ond.: 50				Method: S3
pH: 7.6				Metho	d: P2			T	uch · T		- 1	CV	Method: GE
Flood Signs: None				Metho	d: GE				u.u 1	U ''' (	7.		Metriod. GE
		150		M	ORP	HOL	OGY		- 7	(4) E			
Ded Materials	Daniland O		0.14	•				01	B1	B2 E	33 D	1 D2	D3
Bed Material: D95: 10.0	Dominant: G D (cm): 5.0		Subdom										
	D (cm): 5.0	U	Morph	. KP	D	STURB	ANCE	للنا	للط	$\Box$	-111		
Pattern: SI					,	NDICAT	ORS	C1	C2	C3 C	24 C	5 S1	S2 S3 S4 S5
Islands: N													
Coupling: DC Confinement: UN													
FSZ:						Ba	ırs:	N	SIDE		DIAG	MID	SPAN BR
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		The Same	9,127	- V2-2	CEA	TUD	E C				Towns of the	Trulk Y	A Section of the Control of the Cont
		Pro Mini			N. N. State of the second	TUR			h is so				50,00
NID Map NID Type 093L.013 88032 CV	Hgt Meth			ethod		Photo	74		AirPl	Later and the later and the			M (Z/E/N) Method 445.6003645 GIS
	1.0 GE	1 2	0 1	HC	R: 6	F: (	07A L:	1		#:		9.0034	AND DEBUSDAD I CIS
Comments:												111111111111111111111111111111111111111	140.0000040
Comments:	r		1 2 1	LAC	TA	T 011	A 1 1 7	V.	2 19 19 19 19	(In-17)			140.0000040
	1 11 - 1			HAE	BITA	T QU	ALIT						11.00
Name	Need			HAE	BITA	T QU	The state of	Y	s	Andrews			100
	None.	NW 2005	naumia -	2.12.33		T QU	The state of		S				21.02

### Morice North Planning Area

Reach # ILP Map #

ILP#

Site

4.0

093L.014

3783

P	hoto	5. W.	Foc Lg	Dir	Comments
R: 6	F:	07A	STD	U	Photo of culvert.
R: 6	F:	A80	STD	U	Upstream photo of channel.
R: 6	F:	09A	STD	D	Downstream photo of substrates.
			The American	100	COMMENTS
	Se	ection		and the state of t	Comments
	CHA	NNEL	Downstream	barrier located p	prevents upstream migration.
	CHA	NNEL	S6		

## **FDIS Fish Card**

#### Morice North Planning Area

Reach #

ILP Map #

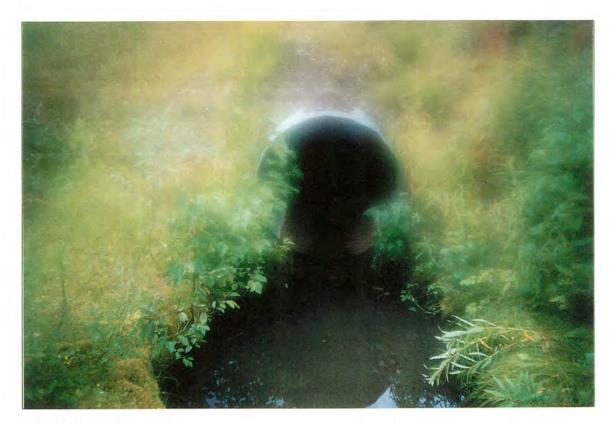
ILP#

Watershed Code:

4.0

093L.014

		- 1 機			W. T.	185 ± 0.0		W	ATE	RBOD	Y		THAT IS			
	Proje		460-0				00-0000-000-				Loc	al:				
Ņ		body ID: oject ID:						ILP	Map#	: 093L.0	14 Lake/St	ream:	ILP#:	3783 Lake F	Reach #:	4 -
F	ish F	Permit #:	14	5269		Date: 2	2002/09/03	1	To: 200	02/09/03	Ag	ency:	C172	Crew: JD/D	T Resa	mple:
1 4	1.5		· 11/2		TENANT .			SITI	E / 1	METH	OD	Market Sale	ille in the			
Site#	N	D Map	NID	#	UTM:2	Zone/East/	North/Mthd	MT	D/NO	Temp	Cond	Turk	oid I	(	Comment	200
50	09	3L.013	200	50			GF	U EF	1	8	50	C				
$\Delta E_{\rm co}$	121	100					Α,	GE	AR :	SETT	INGS			<b>用"自为"</b>	N. William	
Site#	M	TD/NO	H/P	Date	In	Time In	Date Out	Tim	ne Out	A STATE OF THE PARTY.			C	omment		
50	E	F 1	1	2002/0	9/03	14:17	2002/09/0	3 1	4:30							
28 A	31,8	178		Ť.		C. El	ECTR	OFIS	HE	R SP	ECIFI	CA	TIONS	4,97		Text in
Site#	T	MTD/N	10	H/P		Encl	Sec	Lengt	h	Width	Vol	tage	Frequency	Pulse	Make	Mode
50	E	F	1	1		0	216	100.0	0	0.6		00	60	6	SMITH	12B
118	(Fat							FISH	1 5 0	MMA	RY	15/37/19	Was a sa	18.35	ROOT	Tell Wage
Site#	T	MTD/N	0	H/P	Spe	cies S	Stage /	Age	Total	# Lg	th (Min/M	ax)	FishAct		Comment	Thursday, 19
50	F	F	1	1	NF						- 1	-				_



Site #50, Photo of culvert. Roll #6, Frame #07A, Date: 2002/09/03



Site #50, Upstream photo of channel. Roll #6, Frame #08A, Date: 2002/09/03



Site #50, Downstream photo of substrates. Roll #6, Frame #09A, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

1.0

093L.013

STREAM REFERENCING **Gazetted Name:** Local Name: ILP Map #: 093L.013 ILP# 3731 REACH Reach #: 1.0 UTM(Zone/East/North): 9.602852.6003229 Sample Type: Biased Length (km): 1.00 Coupling: Decoupled Magnitude: BGC Zone: SBS Gradient (%): 6.7 Confinement: Occasionally Conf Order: 1 Open water: Absent US Elev (m): 936 Islands: NONE Riparian Vegetation: Coniferous Bars: None ✓ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: Not Specified SITE Site #: 51 Field UTM ... Agency: C172 Crew: JD/DT Date: 2002/09/03 Site Length (m): 100 GIS UTM 9.603567.6003423 Agency Name: Triton Environmental Consultants (Terrace) CHANNEL Avg No Vis.Ch.: Intermittent: V Min Max # Avg Min Max # Channel Width (m): Dewatered: Tribs.: 1.13 0.9 1.3 6 Gradient % 5.50 5 6 4 Wetted Width (m): 0.80 0.600 1 2 Pool Depth (m): 0.15 0.100 0.200 2 Stage: Low Bankfull Depth (m): 0.37 0.3 0.4 3 Med Turbidity.: Turbid Low High Temp (C): 8 pH: 7.8 Conductivity: 50 Moderate Clear V MORPHOLOGY Bed Material: Dominant: Gravels D95 (cm): 10.00 Side Diagonal Bars: Non V Mid-channel Span Subdominant: Fines D (cm): 5.00 Braid Channel Pattern: Sinuous Islands: None DISTURBANCE Coupling: Decoupled INDICATORS Confinement: Unconfined C2 C3 C4 C5 S1 S2 **S**3 **S4** Morphology: CP Cascade Pool COVER Total Cover: Abundant SWD LWD Type: В U DP IV Amount: D N S N S LWD: Few Location: P/S/O: ~ ~ LWD Dist: Evenly Distributed FSZ: Right Bank: Shape: Overhangi Texture: Fines ✓ Gravel Cobble Boulder Rock Manmade Crown Closure Left Bank: Shape: Overhangi Texture: Fines Gravel Cobble Boulder Rock Manmade 1-20% Right Bank: Rip.Veg: Coniferous Stage: Mature forest Left Bank: Rip.Veg: Instream Veg: None Algae Moss V Vascular V Stage: Mature forest FISH Site Number Capture Number of Length fished Total Voltage Species Total Minimum Maximum Method **Events** Time (m) Fish Length (mm) Length (mm)

EF

1

100

104 sec

700

NFC

0

### Morice North Planning Area

ILP Map #

ILP#

Site

1.0 093L.013 3731 51

							PR	OJE	CT	11 45	115			18	1 37	1	
Proj Stream Na Project Waters	me (gaz		KLEY RI	VER						00		Project C	ode:		527	0	
		* 2. 30K	2.75	M-00.15	Way.		WAT	ERS	HED		. W				207-1		
Gazetted Name Watershed Code ILP Mapi Field UTM (Z.E.N GIS UTM (Z.E.N	e: 000-00 #: 093L.0 ): ): 9.6035	13 67.6003	423	LP#: 37 M	731 Method:	00-000-0 NID Ma	000-000- ap #: 09	-000-000 3L.013	N	Lo ID #: 20 Site L ef. Name	g: 100 e:		ch #: Method			Site #: 5 cess: V2	
Da	ite: 200	2/09/03	1	Time: 14	:50		Agency:			Crew:	JD/DT		Fish	Crd?:		Incomple	ete:
<b>基本</b> 文字 400000		- \$M.≥	1 - 3/5	y vega	Store .		CH	ANN	EL		( 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1		100		100		m
	Mtd	width	width	width	width	width	width	width	width	width	width	Avg			dient %	Mtd	Avg
Channel Width (m)	MS	1.00	0.90	1.30	1.20	1.10	1.30				100	1.13	Meth			С	5.50
Wetted Width (m) Pool Depth (m)	MS				1.00	0.60			-			0.80	Meth	od II: 6.0	5.0	С	
Poor Deptir (III)	MS				0.20	0.10				_		0.15	No V	is.Ch.:	Intern	mittent:	
Wb Depth	.3	.4	.4	Avg	: 0.37	M	fethod:	MS	St	age: L	ПМ	ПН		Dw:		Tribs.:	i
COVER		•	Tota	al: A													
Туре	: SWE	TIV	VD T	В	U	T DP	1	ov T	11/	1 00	OWAL OF	OCUDE					
Amount	_		2	N	S	N		ov s	T	1		OSURE					
Loc: P/S/O										4			NI	□ M D	2 V =	a	
RIF	F	G	c $\square$	В	R 🗌 A		w				RB SHP Texture RIP STG	F V	G 🗌 C	с □ в [	R	_ ^ _	
						=460AKO	W	ATE	R								
EMS											eq #:				- 22		
Temp	7.8						d: T4 d: P2				ond.: 50				Me	ethod: S3	3
Flood Signs:		debris				Metho	200			4	urb.: T	M	L	CV	Me	ethod: Gl	E
		CVIPE S		- A		3.44	A. A.	***		or an and							
				<u> </u>	1	M	ORP	HOL	OGY			3,1		"是是"		The Let	===,
Bed Material:		Dominant			Subdom	:F				01	B1	B2 E	33 D1	D2	D3		
D95:	10.0	D (cm)	): 5.00		Morph	: CP	D	ISTURB	ANCE		~						
Pattern	SI							INDICA	TORS	C1	C2	C3 C	4 C5	S1	S2 S	S3 S4	S5
Islands																	
Coupling																	
Confinement: FSZ:								Ва	ars:	NV	SIDE		DIAG	MID	SPA	AN	BR
TO THE POST OF THE PARTY OF THE				7878	1000000000	SUA C	17.4	T 01	CHARLESTON -	- V	12 TAPE				al'ujir.		
	100	<b>,</b> -				HAE	SIIA	ı QU	IALIT							4	- 4
Name OverWinter Habit		Mana							С	ommen	ts						
Spawning Habita		None.	low flow	s grave	ls mixed	with fine	9										
Rearing Habitat	_		epheme					idual po	ols.	_							
[[三十二年][[]][[]][[]][[]][[]][[]][[]][[]][[]][	TO THE							OTO					e see the see	124			
Photo	Fo	c Lg	1000	D	ir				10,25	4 February	Spin-	Commen	ts	100			
R: 6 F: 10A		TD		ī		Upst	ream ph	oto of ch	nannel.								
R: 6 F: 11A	S	TD		C	)		_		f dry cha	nnel.							

#### Morice North Planning Area

Reach# ILP Map # ILP #

Site

	COMMENTS
Section	Comments
CHANNEL	Barrier downstream on mainstem.
CHANNEL	\$6

### **FDIS Fish Card**

### Morice North Planning Area

Reach#

ILP Map #

ILP#

Watershed Code:

000-000000-00000-00000-0000-0000-000-000-000-000-000

1.0

093L.013

101	1300			N T VIE	<b>加斯克</b> 西		Y	VATE	RB	OD	Y			<b>特性</b>	<b>公司</b>	Fire
Ga	zetted Nar	ne:									Loca	al:				
F	Project Co	de: 46	0-00000	00-0000	-00000-00	00-0000-000	0-000-	-000-000	-000-	0						
			0-00000	00-0000	-00000-00	00-0000-000	0-000-	-000-000	-000-	000						
N	/aterbody						-	LP Map	#: 09	3L.01	3		ILP#:	3731	Reach #:	1 -
	Project	D: 52	70								Lake/Str	eam:	S	Lake Fro	om Date:	
F	ish Permi	#:	145269		Date:	2002/09/03		To: 2	002/09	9/03	Age	ency:	C172	Crew: JD/DT	Resar	mple:
				5- 1-34 W 7-	2 1999	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SI	TE /	ME	THO	) D				編版 -	in 7
Site#	NID Ma	p N	ID#	UTM	:Zone/Eas	t/North/Mthd	11	MTD/NO	Te	mp	Cond	Tur	bid	Co	omment	*****
51	093L.01	3 2	0051	26)		G	PU I	EF 1	1-	8	50	C				_
	点 (松声)	# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 17 A	a Sign		A	G	EAR	SE	TTI	NGS		可能引送。	Transfer of the second	1.00	
Site#	MTD/N	) H/	D	ate In	Time In	Date Ou	it 1	Time Out	1				Co	omment	WHO SOME TO SEE	
51	EF 1	1	200	2/09/03	14:50	2002/09/	03	15:10								
	1 100	North Control	\$ . T		C. E	LECTR	OF	ISHE	RS	PE	CIFI	CA	TIONS	e-jr the		77
Site#	MTE	/NO	H	I/P	Encl	Sec	Ler	ngth	Wi	dth	Volt	age	Frequency	Pulse	Make	Mode
51	EF	1		1	0	104	10	0.00	(	0.6	70	00	60	6	SMITH	12B
7.0	1-1-1-1-1	(C-251	glassay.	TO FEE # 17.	1. Minut	I the same	FIC	SH S	11.11		- AV	260		MANAGEMENT DE	ROOT	
O14 - #	1	410	1				200				104			WK /-		
Site#	MTE	MO	H/			Stage	Age	Tot	al#	Lgth	(Min/Ma	ax)	FishAct		Comment	
51	EF	1	1 1	N	FC				0		1					



Site #51, Upstream photo of channel. Roll #6, Frame #10A, Date: 2002/09/03



Site #51, Downstream photo of dry channel. Roll #6, Frame #11A, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

5.0

093L.014

		STR	REAM	REF	EREN	CING		7.37	
Gazetted Name:					L	ocal Name:			
Watershed Code: 000	-00000-00000-	00000-0000-0000-0	00-000-00	00-000-0	000-000	ILP	Map #: 093L	014	LP#: 3783
(State of the state of the stat		"你只要不		REA	СН	7 Oak 2	11 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		(F) 43/23
Reach #: 5.0		UTM/Zana/East/D	landh). O	000074	0004040		1000		
Length (km): 1.40		UTM(Zone/East/N Coupling: Partially (			gnitude:	1		Sample Type: BGC Zone:	
Gradient (%): 3.3		finement: Occasion			Order: 1			Open water: At	THE P. L.
US Elev (m): 950		Islands: NONE	77.6 19.53		arian Veg	etation: Coni	ferous	Sport House Trib	, do no
Bars: None 🗸 Side	Diagonal	Mid-channel	Span	-		Landuse: No			
en-	15.754			SIT	E	in the state of	1.36		
Site #: 52	Field U	TM			Agency	/: C172	Crew:	DT/JD Date	: 2002/09/03
Site Length (m): 100	GIS (	JTM 9.602593.6004	619		Agenc	y Name: Trito	n Environme	ntal Consultants (	Тептасе)
Line land in	0.0		C	HAN	NEL	- Value - 1			
No Vis.Ch.: Inte	rmittent: 🗸		Avg	Min	Max	#		Avg Min	Max #
Dewatered:	Tribs.:	Channel Width (m)	1.33	1	1.600	6	Gradient		2 4
Stage: Low		Wetted Width (m)	1 2 1 2 1 2 1	0.5	0.7	6	Pool Depth (r	m): 0.13 0.100	0 0.200 6
Med		Bankfull Depth (m)	0.43	0.4	0,5	3	Tu	urbidity.: Turbid	Low L
High	Temp (C): 8	pH: 7.8		C	conductivity	y: 50		Moderate	
		T-MAN DENNY	MOR	PHO	LOGY	REAL	all a		
Bed Material: Domin	ant: Gravels ant: Fines	D95 (cm): 15 D (cm): 5			Bars: Non	✓ Side	Diagonal	Mid-channe	el Span Braid
Channel Pattern: Sin Coupling: Par		Islands: No	ne		RBANCE	01 B1	B2 B3	D1 D2	D3
Confinement: Fre	quently Confined	E -		C1	C2 C3	C4 C5	S1 S	2 S3 S4	S5
Morphology: RF	P Riffle Pool								
		200 - 415 - 1000 200	1	COVE	R			The state of the s	
Total Cover: Abundant		Type:	SWD	LWD	В	U	DP	ov I iv	1
LWD: Few		Amount:	T	S	N	D	N	S T	
LWD Dist: Clumped		Location: P/S/O:	<b>V</b>	V					FSZ:
		exture: Fines 🗸 Gr exture: Fines 🗸 Gr	and the same of	Cobble Cobble	Boulde Boulde		Manmade Manmade		Frown Closure
Right Bank: Rip.Ve	g: Coniferous g:	100	je: Mature je: Mature			Instream Ve	g: None	Algae Moss	Vascular V
	And the	一一一大人		FISI	Harry	A. 1860 - 10			
Site Number Captur Metho		Length fished (m)	Tota Time		Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
52 EF	1	100	119 se	ec	700	NFC	0		

Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

5.0

093L.014

3783

1- year of the last			i in	10 A	N-E-		PR	OJE	C T		N. P.		and the state of	1	
Proje Stream Nar Project Watersh	ne (gaz		KLEY RI	VER						00	ı	Project C	ode:		5270
THE WAR STREET		1	6 A 25		Do talk		WAT	ERS	HED	8/6	1-14 H 7	ng Cale	<b>国门部</b> 了独物		
Gazetted Name	:								and the state of	Lo	cal Nam	e:	- Indian		N
Watershed Code ILP Map#				00-0000 LP#: 37			000-000- ap #: 09			ID#: 20			ch #:	5.0	Site #: 52
Field UTM (Z.E.N) GIS UTM (Z.E.N)		593.6004	619	٨	Method:				Re	Site Le			Method: HC		Access: V2
Da	te: 200	2/09/03	1	Time: 15	:25		Agency:	C172	C	rew:	DT/JD		Fish Crd	· V	Incomplete:
3-1-11-11-	1	305	100 E 16		Ne is a	1- EST-	CH	ANN	FI	9	2 2 2	21/3 -192	17 W. 200	40	
	Mtd	width	width	width	width	width	width	width	width	width	width	Avg	 	Gadie	ent %   Mtd   Avg
Channel Width (m):	MS	1.20	1.30	1.40	1.00	1.60	1.50	Widdi	Widui	WIGHT	Widei	1.33	Method I	_	ent % Mtd Avg 2.0 C 1.50
Wetted Width (m):	MS	0.60	0.50	0.60	0.50	0.70	0.50					0.57	Method II		1.0 C
Pool Depth (m):	MS	0.10	0.10	0.10	0.20	0.20	0.10					0.13			
				1	1.12			202		- 7	-2.4		No Vis.Ch		Intermittent:
Wb Depth:	.4	.4	.5 Tota	Avg al: A	g: 0.43	,	Method:	MS	St	age: L	✓ M	□ н [	_ D	w: [_]	Tribs.:
Type:	SWI	D   LV	WD	В	U	DF		ov T	IV	CR	OWN CL	OSURE			
Amount:			S	N	D	N	0.5	S	T	1		-20%			
Loc: P/S/O:	1				V				V	INS	TREAM	VEG:	NAA	MV	V 🗸
RIP. STG											STG	:C			R A
		18 18			V.	14	W	ATE	R	17 3				31	3-1-1-1-1
EMS:										R	eq #:				
Temp:	8					Meth	od: T4			C	ond.: 50				Method: S3
pH:	7.8					Meth	od: P2			- 1	Turb.: T	ПМ			Method: GE
Flood Signs:	None					Meth	od: GE							V	
	1 3	104	- 7 - 200)	115,115		18 N	ORF	HOL	OGY		3028	2 TH 1	521.70.44		
Bed Material:		Dominar	t-G		Subdom	. E				01	B1	B2	B3 D1 [	02 D	3
- 25000000000000000000000000000000000000	15.0		): 5.00		Morph									TIT	
Pattern:		- (	, 0.00		шогр			INDICA		01	00	00	04 05 6	4 0	2 60 64 65
Islands:										C1	C2	C3	C4 C5 S	S1 S	2 S3 S4 S5
Coupling:															
Confinement:															
FSZ:								В	ars:	NV	SID	E	DIAG	MID	SPAN BR
100 Water					· Will	HA	BITA	TQL	JALI	ΓY		IN MARI			The state of the s
Name									C	ommen	ts				
OverWinter Habita		None.													
Spawning Habita	t	_	gravels			277	ws.								
Rearing Habitat		Poor -	shallow	pool de	pths, low	flows.		0.7.0	0						
	20	100		125	4			ото	3		1. 3.	100			
Photo		oc Lg			)ir							Commer	nts		
6 F: 12A 6 F: 13A		STD			U D		tream pl		n isolate	pool.		-		-	
J I ION					_	DOW	mou call	· PIIOLO C	LAAD.						

#### Morice North Planning Area

Reach# ILP Map # ILP#

Site 52

5.0

093L.014

COMMENTS
Comments
Barrier to upstream fish migration downstream.
S6.
֡

### **FDIS Fish Card**

### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

000-000000-00000-00000-0000-000-000-000-000-000-000

5.0

093L.014

F			. i.e 7			<b>医肠髓</b>		WA	TER	BOD	<b>Y</b> - //-		10年建	生物的水质		
		de: 46				000-0000-00					Loca	al:				
W	/aterbody Project	ID:								093L.014	l Lake/Str	eam:	ILP#:	3783 Lake I	Reach #: From Date:	5 -
F	ish Permi	t #:	145269		Date:	2002/09/03	1	To	: 2002	/09/03	Age	ency:	C172	Crew: JD/E	DT Res	sample:
- 16	= (15.00)		- Lune			W 2 X 3	S	ITE	/ M	ETHO	D	188 N	701-20-77	是 对 明	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Site#	NID Ma	p N	ID#	UTM	:Zone/Eas	st/North/Mth	d	MTD	/NO T	Temp	Cond	Turk	oid	Allow to the same	Comment	
52	093L.0	3 2	0052				GPU	EF	1	8	50	C				
					= 11 = 1	THE WAY	1. (	GEA	R S	ETTI	NGS	<b>新</b>		11 712		Start A
Site#	MTD/N	O H/	Da Da	ite In	Time Ir	n Date C	Out	Time	Out	E STATE STATE OF		TOTAL STATE	C	omment	C. 2000 C. S.	100000000000000000000000000000000000000
52	EF	1	2002	2/09/03	15:25	2002/09	9/03	15:4	40							
	Y			75-10	C. E	LECTI	RO	FISI	HER	SPE	CIFI	CA	TIONS	g (c = 13-15)		- 30
Site#	MT	O/NO	Н	P	Encl	Sec	L	ength	1	Width	Volt	age	Frequency	Pulse	Make	Mode
52	EF	1	3 7	1	0	119		100.0	41.7	0.6	70	00	60	6	SMITH	12B
-			10,35		12 360	37 31VG	F	SH	SUN	MAF	Y				ROOT	
Site#	5 AT	D/NO	H/F	St	ecies	Stage	Age	FTEL VISION	Total #	March Co.	(Min/Ma	ax) T	FishAct		Comment	
52	EF	-	-	-	IFC	-			0	-gui	1	/			Communit	



Site #52, Upstream photo of an isolated pool. Roll #6, Frame #12A, Date: 2002/09/03



Site #52, Downstream photo of LWD. Roll #6, Frame #13A, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

2.0

093L.026

<b>经</b> 保险等等。	STREA	MREF	ERE	ICING					
Gazetted Name:			- 7	Local Nan	ne:				
Watershed Code: 000-000000-00	000-00000-0000-0000-000	0-000-000-	000-000		ILP Map #: 093L.02	26	IL	P#:	3679
	<b>表示。陈渊</b>	REA	CH		A LINE	e li juju		THURST C	
US Elev (m): 795	UTM(Zone/East/North) Coupling: Decoupled Confinement: Occasionally C Islands: NONE nal Mid-channel Si	Ma onf Rij	gnitude: Order: parian Ve	getation:	O Coniferous		Type: Zone: iter: Abs		ed
Days. None V Side   Diago	nal Mid-channel S		raid 🗌	Landuse	e: Not Specified	aftern Erro	Value of the control	2100000	
Langer Control of the	eld UTM 9.638420.6016197 GIS UTM 9.638414.6016228	SIT	Agen Ager	cy: C172 cy Name:	Crew: SG Triton Environmenta			2002/09 errace)	1/22
<u> </u>		CHAN	NEL		1954年1956年	P. Cong			161
No Vis.Ch.: ☐ Intermittent; ✔  Dewatered: ☐ Tribs.: ☐	Channel Width (m): 0.7		Max 0.9	6	Gradient %:	Avg 3.00	Min 2	Max 4	#
Stage: Low	Wetted Width (m): 0.0		0	0	Pool Depth (m):	0.00	0	0	0
Med ☐ High ☐ Temp (C)	Bankfull Depth (m): 0.2 pH:		0.3 Conductivi	3 ty:	Turbi	0.2 2 -	Turbid oderate		Low _
	M C	RPHO	LOG	Y		2,41%	184	med S	416.1
Bed Material: Dominant: Fines Subdominant: Gravels	D95 (cm): 10.00		Bars: No		de Diagonal	Mid-	channel	-	oan 🗌
Channel Pattern: Sinuous Coupling: Decoupled Confinement: Occasionally Co	Islands: None		RBANCE CATORS C2 C		B1 B2 B3 C5 S1 S2	D1 S3	D2 D	)3 	
Morphology: RP Riffle P	ool								
	<b>化产业总统的</b>	COV	ER		· 15 爱情感激素	16.24			\$95.Y
Total Cover: Abundant	Type: SW	D LWD	В	10	DP O	v T	IV	40.00	
LWD: Abundant LWD Dist: Evenly Distributed	Amount: T	N I	N	s			s (	FSZ	. 🗆
Left Bank: Shape: Overhangi Right Bank: Rip.Veg: Coniferous		Cobble e-sapling s		er Roc	ck Manmade			own Clos 1-20	
Total Cover: Abundant  LWD: Abundant  LWD Dist: Evenly Distributed  Right Bank: Shape: Overhang  Left Bank: Shape: Overhang	Type: SWI Amount: T Locatir.n: P/S/O:  Texture: Fines  Gravel  Texture: Fines  Gravel  Stage: Pol	D LWC N Cobble	Bould Bould tage	S Rocer Roc	N C		S Cre	own Clos 1-20	)

### Morice North Planning Area

ILP Map # Reach #

ILP#

Site

2.0

093L.026

3679

	3700		1				PR	OJE	CT				一种"		March	-11
Proje Stream Nar Project Watersh	ne (gaz		KLEY RI	VER						00	F	roject C			5270	
	= = 30	- Ahai	gent at the	S\$15.50	PIL S		WAT	ERS	HED	1. 24. 2	199	价值目前		i water and	1800 S. 1810	2. 18
Gazetted Name		110000							minute of	Loc	al Name		7-20-1			
Watershed Code		00000-00	000-000	00-0000	-0000-0	00-000-0	000-000	-000-000	)							
ILP Map#	: 093L.0	026	II	LP #: 36	579	NID M	ap #: 09	3L.026	N	IID#: 20	080	Read	ch #:	2.0	Site #: 8	30
Field UTM (Z.E.N)	: 9.6384	20.6016	197	N	Method:	GPU				Site Lg	: 300		Method	: GE	Access: V4	
GIS UTM (Z.E.N)									R	ef. Name	:					
Do	to: 200	2/09/22		Time: 14:	-00		Agency:	C172	,	Crew: S	SC/ID		Fich	Crd?:	Incomple	te:
Da	te. 200	12109122		inne. 14.	.00	(t -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1		1.00		Jiew. C	30/30	NI CONTRACTOR	1 1511	Oldi.	moniple	
					" " [1]		1000000	ANN	_		A FULL	1	W EXA			
OL	Mtd	width	width	width	width	width	width 0.60	width	width	width	width	Avg 0.73	1.11-11		ient % Mtd	3.00
Channel Width (m): Wetted Width (m):	MS	0.70	0.80	0.60	0.80	0.90	0.00	-				0.00		od II: 4.0	3.0 C	3.00
Pool Depth (m):												0.00	1000		Tana and	1
						- 7	1	100			12. 17.			is.Ch.:	Intermittent:	4
Wb Depth:	.3	.2	.3	Avg	g: 0.27	,	Method:	MS	S	tage: L	V M	] н		Dw:	Tribs.:	4
COVER			Tota	al: A						1 3						
Туре	SWI	D LV	MD	В	U	DF	_	OV	IV	100		OSURE				
Amount	-		N	N	S	N		D	S	1		-20%		_ = = =	400	
Loc: P/S/O					V		1		<b>V</b>	INS	TREAM	VEG:	NVA	$\square$ M $\square$	V	
RIP STG	: C	g G									RIP	:C			RA	
ALC: NO	1-4-1		Andre		IN THE	1000	W	ATE	R			N.V.			NORTH NORTH	
EMS						Was to					eq #:				arana 1	
Temp							od: T4			Co	ond.:				Method: S	3
pH: Flood Signs:							od: P2 od: GE			T	urb.: T	M		C	Method: G	E
Flood Signs.	None															
	772	F 75			SHH.	08 0	ORI	HOL	OGY	44			1-4,15			1000
Bed Material:		Dominar	nt: F		Subdon	n: G				01	B1	B2	B3 D1	D2 [	D3	
D95	10.0	D (cm	1): 5.00		Morp	h: RP	1	DISTUR	BANCE						311	
Pattern	: SI							INDICA		C1	C2	C3	C4 C5	S1 5	S2 S3 S4	4 S5
Islands	: N															
Coupling																
Confinement									Bars:	NV	SID	E	DIAG	MID	SPAN	BR
FSZ									, , , ,		9.2					
The Mark of	C CHE	746			(T- 10 5)	HA	BITA	TQ	UALI	TY	F	Maria.	19/1	× III		
Name			65216.0	32000	1 = 1 2			- Au	SE 1339	Commen	ts		- 1/3			
OverWinter Habit	at	None.								200000000000000000000000000000000000000						
Spawning Habita			- fines a			_										
Rearing Habitat		Poor -	- epheme	eral strea	am, no re	esidual p						no hay	100000	- Table 1		
to the temperate	1%	1	in s			Harris Public	Pł	1010	) S				TO DE	Act along		差 14-
Photo		oc Lg	-1		Dir							Comme	nts			
7 F: 11		STD			U D	_			channel. of chann	nel .	_					
7   F: 12	-	OID			U	LOO	MIDUEGI	" PHOTO	of Griaril	rul.						

Morice North Planning Area

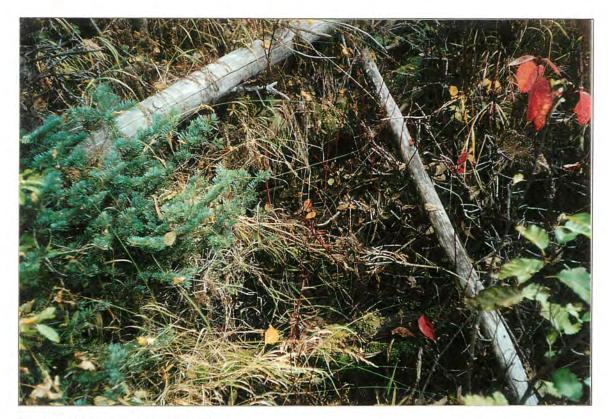
Reach # ILP Map #

Site

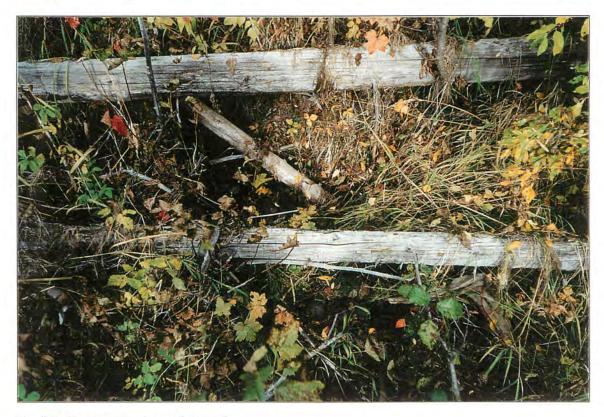
2.0 093L.026

ILP# 3679

	COMMENTS
Section	Comments
CHANNEL	No perennial habitat upstream.
CHANNEL	45% for over 100 m in Reach 1.
CHANNEL	S6



Site #80, Upstream photo of channel. Roll #7, Frame #11A, Date: 2002/09/22



Site #80, Downstream photo of channel. Roll #7, Frame #12A, Date: 2002/09/22

**Morice North Planning Area** 

Reach # ILP Map #

ILP#

2.0

093L.026

			STR	EAMR	EFERE	NCING				-,.05
Gazetted Nam	e:					Local Name:				
Watershed Co	de: 000-00	00-00000-00	0000-0000-0000-00	00-000-000	-000-000-000	11.1	P Map #: 093L.	026	ILP#	3701
A TETELOR A		No.		R	EACH				M	
Reach #: 2.0		The Late of Asserting	UTM(Zone/East/N	lorth): 9.63	7613.601480		2/63	Sample Ty	me.	Biased
Length (km): .9 Gradient (%): 4 US Elev (m): 8 Bars: None	1.0 313	Confir	oupling: Partially C nement: Occasion Islands: NONE	Couple ally Conf	Magnitude Order Riparian V	1 1 egetation: Dec			ne: SB	IS
	Sauge	TE NOTE OF	The Marin	9 76	SITE	Zanduse	et opecineu		10 St. 10 St.	- N
Site #: 8		Field UTM GIS UT	и ТМ 9.638255.60153		Age	ncy: C172 ncy Name: Trit	Crew: S			02/09/27 ace)
W-Sales 23		76 TO 1	$= \int_{\mathbb{R}^{n}} d^{n} \hat{\phi} \hat{h}_{n-j,n}(\hat{h}).$	СН	ANNEL			- and		
No Vis.Ch.:	Intermit	tent:		Avg	Min Max	#		Avg 1	Min   M	Max #
Dewatered:	Tr		Channel Width (m):	416.	0.7 1.200	6	Gradient %	6: 4.75	2	8 4
Stage: Low	1		Wetted Width (m):		.300 0.600	6	Pool Depth (m	): 0.11 (	0.06 0.	.200 6
Med		LB	Bankfull Depth (m):	0.33	0.3 0.4	3	Tur	bidity.: Ti	urbid	Low
High	T	emp (C): 10	pH: 7.9		Conducti	vity: 60		Mode	erate	Clear
				MORP	HOLOG	YAT				1964 J. H
Bed Material: Sul	Dominant: bdominant:		D95 (cm): 10 D (cm): 5.		Bars: No	on 🗸 Side	Diagonal	Mid-ch	annel [	Span Braid
Channel Patte	m: Sinuou	s	Islands: No	ne D	ISTURBANCE	O1 B1	B2 B3	D1 D2	D3	
Couplin	ng: Partially	y Coupled		1	NDICATORS					
		onally Confine		(	C1 C2	C3 C4 C	5 S1 S2	S3 S	S4 S5	i
Morpholo	gy: RP	Riffle Pool								
- 3 · · · · · · · · · · · · · · · · · ·			STORKER.	C	OVER			- 1" phr 1	May co	
Total Cover: Ab	undant		Type:	SWD	LWD I	3 0	DP	OV I	v	
LWD: Fe	w	_	Amount:	T	S	N	N	D 7		
LWD Dist: Ev	enly Distrib	outed	Location: P/S/O:							FSZ:
	Shape: O Shape: O Rip.Veg: D Rip.Veg:	verhangi Text			bble Boul prest	der Rock	Manmade Manmade eg: None	Algae N		Closure 1-20% Vascular
THE STORY		and the second			ISH	THE MEN		SC - S /5/A	In die	- V-W+
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (m		Maximum ength (mm)
81	EF	1	400	351 sec	800	NFC	0	gu. (III		a (mmi)

### Morice North Planning Area

Reach # ILP

ILP Map #

ILP#

Site

PROJECT																	
Stream No		ct (tribs t			00	Project Code:				5270							
	= 910/	ME THOU	3		A HE WAY		WAT	ERS	HED		· 381		F-055		Wald .		
Gazetted Nam Watershed Coo ILP Map Field UTM (Z.E.N GIS UTM (Z.E.N		000-000- ap #: 09		N	ID#: 20	ite Lg: 400 Method: MAF			2.0 MAP	Site #: 81 Access: V2							
D	2/09/27	/09/27 Time: 15:00				Agency: C172 Cre				w: SG/JD Fish Cr			rd?: 🗸	Incomplete:			
j k silo o pri o suk		11/6/15	6 1-7			W 100	CH	ANN	EL		20,100	2 4	10.00	1 2 TO 1	1 TE L		
	Mtd	width	width	width	width	width	width	width	width	width	width	Avg	1	Gad	lient %   Mtd   Avr		
Channel Width (m	): MS	1.10	1.20	0.80	0.70	0.90	1.00		1,			0.95	Metho	_	Contraction of the Contraction o		
Wetted Width (m		0.50	0.30	0.60	0.50	0.60	0.60					0.52	Method	III: 6.0	8.0 C		
Pool Depth (m	): MS	0.10	0.06	0.10	0.20	0.10	0.10					0.11					
Wb Depth	1: .3	1.4	.3	Avo	: 0.33		Method:	Me		nan I	- W	- u -					
COVER	-	1		al: A	. 0.55		vieu ioo.	IVIO	31	age. L	V M	_ n [		Dw.	inds.:		
Тур		) I 1V			11	1 00		OV T	87	1 00	OMAL OI	OCULOR					
Amour																	
Loc: P/S/0						100				1			NIA	M	V		
RI	P: 0 e: F 🗸 P: D G: MF		с	ST: E	R 🗌 A						Texture RIP	F V	e □ c	В	R A		
	1-170	中下的	E P	1 37		Wildle St	W	ATE	R		W. S.E.K	- 1		*			
EMS Temp ph Flood Signs					Method: T4 Method: P2 Method: GE				Req #: Cond.: 60  Turb.: T					Method: S3 Method: GE			
		1000	6 HVF	186	The r	N	ORP	HOL	OGY		W- 17						
Bed Materia D95 Pattern Islands Coupling Confinement	:: 10.0 :: SI :: N :: PC :: OC	Dominan D (cm)	t: G : 5.00		Subdom Morph		D	INDICA	TORS	01 C1	B1 C2 SIDE	C3 (	C4 C5		52 S3 S4 S		
	William I	W.		A 100 mg		HAE	BITA	T QL	JALIT	Υ		<b>基下</b>					
Name	Name			2007年,1907年,第19日 经共享股票的基础的基本的企业,在10日的基本的企业,1907年,1907													
	OverWinter Habitat							TAT QUALITY  Comments									
Spawning Habit		_		_													
Rearing Habita	t	Poor -	limited b	y lack of	pool an	d seaso	he was a day	^==	Project Code:								
	200	1.15	1.7	iet air			PH	ото	5	300	300	Un II		145	Site #: 81 Access: V2  Incomplete:   dient % Mtd Avg 3.0 C 4.75 8.0 C  Intermittent:  Tribs.:   W  Method: S3 Method: GE  D3  S2 S3 S4 S5  SPAN BR		
Photo	c Lg																
R: 7 F: 15 R: 7 F: 16	TD	1		_	Upstream photo of culvert outlet.  Downstream photo of channel.												
N. 7 F. 16	S	TD		D		Dow	nstream	photo o	r channe	12							

### Morice North Planning Area

Reach # ILP M

2.0

ILP Map # 093L.026 ILP# 3701 Site 81

Section Comments

CHANNEL Barrier (%) downstream in Reach 1. NFC upstream of %.

CHANNEL S6

## **FDIS Fish Card**

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

 $000\hbox{-}000000\hbox{-}00000\hbox{-}00000\hbox{-}0000\hbox{-}0000\hbox{-}000\hbox{-}000\hbox{-}000\hbox{-}000\hbox{-}000$ 

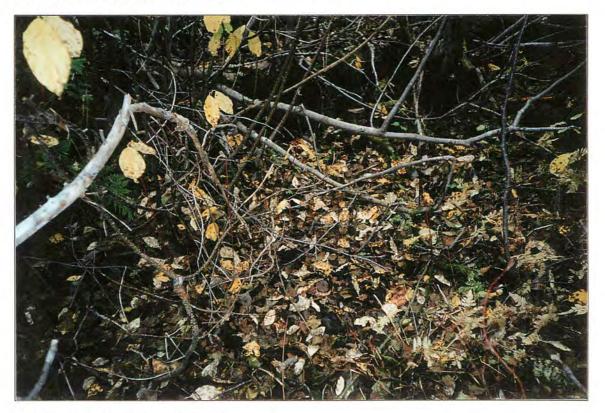
2.0

093L.026

luce i			Delina at		影響		WA	IER	BOD	Yest				1883年		主持的
Gaz	zetted Nam	e:								Loca	al:					
F	Project Cod	e: 460-	000000-0	0000-0000	0-000	0-000-000-0	00-000	-000-00	0-0							
	WS Cod	e: 000-	000000-0	0000-0000	0-000	0-0000-000-0	00-000	-000-00	0-000							
W	aterbody II	):					ILP	Map #:	093L.02	26		ILP#:	3701	Reach	#: 2	_
	Project II		)				75.7		127017	Lake/Str	eam:	S		From Date	7.5	
F	ish Permit	#: 14	5269	Da	te: 20	002/09/27	To	2002	2/09/27	Age	ency:	C172	Crew: SG	JD	Resam	ple:
	EMOS					S. S	ITE	/ M	ETH	O D						
Site#	NID Map	NIE	)#	UTM:Zone	East/I	North/Mthd	MTD	NO)	Temp	Cond	Turt	oid		Commen	t	
81	093L.026	200	81			GPU	I EF	1	10	60	C					
				<b>建设</b>		Α.	GEA	RS	ETT	INGS						i ing siles esta
Site#	MTD/NC	H/P	Date	In Tim	e In	Date Out	Time	Out			Decree of the later of	С	omment		and the second second second	HILL THE STATE OF
81	EF 1	1	2002/0	9/27 15	:00	2002/09/27	16:	00								
			THE REAL	G.	EL	ECTRO	FIS	HER	SPI	CIFI	CA	TIONS			100	
Site#	MTD	NO	H/P	Enc		Sec	Length		Width	Vol	tage	Frequency	Pulse	e M	lake	Mode
81	EF	1	1	0	1	351	400.0		0.5	80	00	60	6		HTIN	12B
Total Sales						F.	ISH	SU	AMM	RY			A PARTY	CHERON CO.		
Site#	MTD	NO	H/P	Species	S	tage Ag	je	Total #	# Lg	th (Min/M	ax)	FishAct		Comn	nent	
81	EF I	1	1	NFC				0								



Site #81, Upstream photo of culvert outlet. Roll #7, Frame #15A, Date: 2002/09/27



Site #81, Downstream photo of channel. Roll #7, Frame #16A, Date: 2002/09/27

Morice North Planning Area

Reach # ILP Map # ILP # 1.0 093L.026 3702

	STREA	MREF	ERE	NCINC	<b>G</b>	A STATE OF	- 1		
Gazetted Name:				Local Na	me:				
Watershed Code: 000-000000-000	00-0000-0000-000-00	0-000-000-	000-000		ILP Map #: 093L.02	26	ILI	P#:	3702
	PEN DE TOT	REA	CH				产行动、		line in
Reach #: 1.0 Length (km): .78 Gradient (%): 6.0 US Elev (m): 806 Bars: None Side Diagon	UTM(Zone/East/North Coupling: Decoupled confinement: Occasionally C Islands: NONE	Ma Conf Ri	gnitude Order	: 1 : 1 egetation:			Type: Zone: ter: Abse		:d
		SIT	E		19 (1 - X. 20) (100)		. Indus	1	1 1
	UTM S UTM 9.638466.6015192			ncy: C172 ency Name	Crew: SG Triton Environmental			2002/09 errace)	1/27
	加入 物、对人工程度	CHAN	NEL	a men	Jan Marie	1933			The s
No Vis.Ch.: V Intermittent: Dewatered: Tribs.: Stage: Low	Channel Width (m): 0.0 Wetted Width (m): 0.0 Bankfull Depth (m): 0.0	00 0	0 0 0	0 0	Gradient %: Pool Depth (m):	Avg 0.00 0.00	Min 0 0	0 0	0 0
Med High Temp (C):	pH:		Conducti	vity:	Turbio	0.00	Turbid_ oderate		Low
	M	ORPHO	LOG	Y	F Stades				
Bed Material: Dominant: Subdominant: Channel Pattern: Coupling: Confinement: Morphology:	D95 (cm): D (cm): Islands:	C1		E 01	B1 B2 B3 C5 S1 S2		D2 D:	Br	pan 🗌
		COV	ER	A SECTION		San C			
Total Cover:  LWD:  LWD Dist:  Right Bank: Shape:  Left Bank: Shape:	Type: SW Amount:  Location: P/S/O:  Texture: Fines Gravel Texture: Fines Gravel	Cobble Cobble	Boul	Ider Ro	OCK Manmade OCK Manmade	v	Cro	FSZ own Clos	
Right Bank: Rip.Veg: Left Bank: Rip.Veg:	Stage: Stage:			Instrea	am Veg: None A	lgae 🗌	] Moss [	Vaso	cular 🗌

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

1.0 093L.026 3702 82 PROJECT Project Name: RFFHI within the Morice Forest District (tribs to Morice R.) Stream Name (gaz.): BULKLEY RIVER Project Code: 5270 WATERSHED Gazetted Name: Local Name: ILP Map#: 093L.026 ILP#: 3702 NID Map #: 093L.026 NID #: 20082 Reach #: 1.0 Site #: 82 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: MAP Access: V2 GIS UTM (Z.E.N): 9.638466.6015192 Ref. Name: Date: 2002/09/27 Time: 13:00 Agency: C172 Crew: SG/JD Fish Crd?: Incomplete: CHANNEL Mtd width Avg Mtd Gadient % Avg Channel Width (m): MS 0.00 Method I C 0.00 Wetted Width (m): MS 0.00 Method II: C Pool Depth (m): MS 0.00 No Vis.Ch.: 🗸 Intermittent: Wb Depth: Avg: 0.00 Method: MS Stage: L M M H Dw: Tribs.: COVER Total: SWD LWD В DP **CROWN CLOSURE** Type: U OV IV Amount Loc: P/S/O: INSTREAM VEG: N A M V LWD: DIST: LB SHP: RB SHP: Texture: GGCBGRA Texture: F G C B R A RIP: RIP: STG: STG: WATER EMS: Req#: Temp: Method: T4 Cond .: Method: S3 pH: Method: P2 Turb.: T M L C Method: GE Flood Signs: Method: GE MORPHOLOGY 01 **B1 B2 B3** D1 D2 D3 Bed Material: Dominant: Subdom: D95: D (cm): Morph: DISTURBANCE INDICATORS Pattern: C1 C2 C3 C4 C5 **S1** S2 **S3** 54 **S5** Islands: Coupling: Confinement: Bars: SIDE SPAN N DIAG MID BR FSZ: HABITAT QUALITY Name Comments Other No fish habitat due to No Visible Channel.

Morice North Planning Area

ILP Map # Reach #

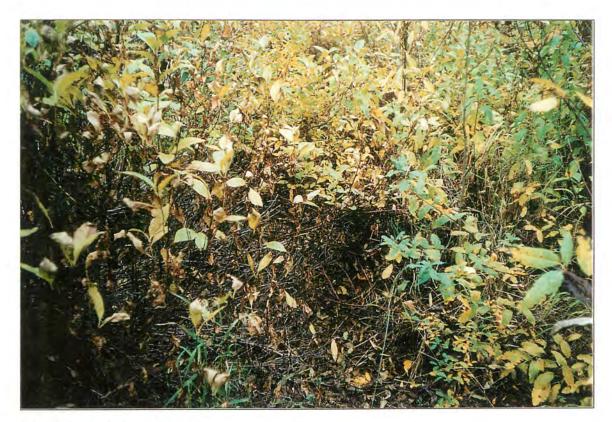
ILP#

Site

093L.026

3702

7460 1 20K2	COMMENTS
Section	Comments
CHANNEL	638852 / 6015555
CHANNEL	18-22% on mainstern prevents upstream fish migration - not FSZ.
CHANNEL	NVC



Site #82, Upslope photo of seepage. Roll #7, Frame #13A, Date: 2002/09/27



Site #82, Downslope photo of seepage. Roll #7, Frame #14A, Date: 2002/09/27

Morice North Planning Area

Reach # ILP Map #

ILP#

2.0

093L.056

		17.	Mr. June 1		STR	EAM	REF	ERE	NCIN	3				1
Gazetted N	ame:								Local Na	me:	and the second			
Watershed	Code: 0	00-00	0000-00000	-0000-0000	-0000-0	00-000-0	00-000-	000-000		ILP	Map #: 093L	056	ILP	#: 2445
Lange Contraction				1 00	11/2	10 G 10 G	REA	C H	1 70	7	e in the	FEW.S		AND THE
Reach #: Length (km Gradient (% US Elev (m Bars: None	i): 1.16 b): 3.6 i): 628	de [	Cor	UTM(Zon Coupling: D Infinement: C Islands: N	ecouple Occasion	d	Ma Rij	gnitude: Order:	57 3 egetation		d C/D	Sample T	ype: one:	100
4.1042-1	1.		W-1017	£ (45.96)	20-	2.45	SIT	E				- 100		T 400 5 15
Site #	#: 250 h (m): 17	5	Field U	JTM UTM 9.6386	59.60418	313		771	ncy: C172 ncy Name		Crew:	SG/SH ntal Consulta		2002/09/03 mace)
7 2 W 4		#	200	2/	Kar Jas	, C	HAN	NEL	7.5	200		- A 34	- 200	A111 (C)
No Vis.Ch.	lr	termit	tent;			Avg	Min	Max	#			Avg	Min	Max #
Dewatered:		Tr	ibs.:	Channel W	idth (m)	7.80	6.800	9.2	6	1	Gradient		2	3 4
Stage: Low	~			Wetted W		6.00	4.900	8	6	F	Pool Depth (r	n): 0.50	0.300	0.800 4
Med				Bankfull De	epth (m):	0.27	0.2	0.4	3	97	Tu	rbidity.: 1	Turbid	Low
High		T	emp (C): 8	p	H: 7.0		(	Conductiv	vity: 120			7	derate	Clear✓
. www4		100		September 1	H 1 3	MOR	PHO	LOG	Y	£3	- X 7/2 X	- 400	1.80 M	- N
Confine	upling: D ement: U ology:	ecoup	led	1316	ands; No	ile.		RBANCE CATORS C2 (	01 C3 C4	C5	B2 B3 S1 S	D1 D:		S5
- No. 25 (20)		II.	1 4.7.2	S12 7 1	35	11: 7:	COVI	R	10 W 10 = 3				Salut.	W-1. 11
Total Cover: LWD: LWD Dist:	None		. [	A Location:	Type: mount: P/S/O:	SWD	LWC N			U T	DP T	S	IV N	507
Right Bank: Left Bank: Right Bank: Left Bank:	Sha	ape: Sl ape: Sl /eg: Mi	oping (g T	exture: Fines	Gra Stag			✓ Bould	der Ro	ock [	Manmade Manmade		Crov	FSZ: vn Closure 1-20%
4		1425	m: ga		, a -1	3. VI.	F	EATL	IRES	1 - 1	U.S. P.		1500	
NID Map	NID	Туре	Hgt	Method	Lg	Meth	od	Pho	to		AirPh	noto		UTM (Z/E/N
093L.056	25250	X	1.2	MS	0	MS	R:	99 F	: 01	L:		#:	-12	9.638585.6041
Comments	: Log Fa	alls - no	on permane	nt obstruction	n, 50 m i	/s of Brid	dge							
1200	18.00	- 245				421	FIS		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		- New Color	1 20 - 1 1 Mg	<b>以開</b>	TO A HES
Site Number	Capt Meth		Number of Events			Tota Time		Voltage	Spec	cies	Total Fish	Minimus Length (n	27 (5) (1)	Maximum Length (mm)
250	E	F	1	15	0	359 se	ес	300	R	В	4	70		95
250	E		1	15	-	359 se	ес	300	D	V	6	85		105
250	E	F	1	15	0	359 se	ес	300	C	)	5	70		87

### Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

2.0 093L.056 2445 250

Project Name: RFFH4 within the Mortor Forest District (ribs to Morce R.)		100	- C-10					THE WAY	PR	OJE	СТ	47	10-30	- 1	100			No. 12 - 14 C	11.00	Tally.
Gazetted Name: Watershed Code: 000-00000-0000-0000-0000-0000-000-0000-000-000-000-0000	Proj	Stream Na	me (gaz	.): BUL	KLEY RI	VER						00		Project (	Code:			5270		
Waltershed Code: 000-00000-0000-0000-0000-0000-000-000-	1			3 5/1/18	(3) to	19-	The same	1010	WAT	ERS	HED	7-13	71.0		- 12 AS	是 15.3	II the	3, 5	1058	110-1
Watershed Code: 000-00000-0000-0000-0000-0000-000-000-	Gaz	etted Name	9:									Lo	cal Nam	e: Edw	ards C	reek				
Field UTM (Z.E.N):	Wate	rshed Code	e: 000-00	00000-00	000-000	00-0000	0-0000-0	00-000-0	000-000	-000-000	)									
Date   2002/09/03   Time: 07:30   Agency: C172   Crew: SG/SH   Fish Crd7:   Incomplete:		ILP Map	#: 093L.0	)56	1	LP#: 24	145	NID M	ap #: 09	3L.056	N	IID#: 20	250	Rea	ach#:		2.0		Site #: 2	250
Date: 2002/09/03   Time: 07:30   Agency: C172   Crew: SG/SH   Fish Crif7:   Incomplete:						N	Method:					Site L	g: 175		Me	thod: HC	;	Acce	ss: V2	
Mild   width	GIS U	TM (Z.E.N	): 9.6386	59.6041	813						R	ef. Name	e:							
Mild   width		Da	ate: 200	2/09/03	- 1	Time: 07:	:30		Agency:	C172	(	Crew:	SG/SH		1	Fish Crd	?: 🗸	lr.	ncomple	ete:
Mild   width	May at a	(E) EN	0	U-365	12 11 3	100		E 17	1			78 S		(eterole						
Chammel Width (m)   MS   2.50   7.50   8.30   9.20   6.80   7.70   1.7			Mtd	Width	width	width	width	Width				Lwidth	width	Ava	1		Gadi	ent %	Mtd	I Ava I
Wetted Width (m): MS 6.30 6.60 8.00 5.20 5.00 4.90	Channe	Width (m)		_		_	_	_	-	- Wide	Wide	mour	Maar		1 -	Method	_	-		
Wilder   W	Wetted	d Width (m)	: MS	6.30	6.60	8.00	5.20	5.00	4.90			10.1		6.00	1 17	Method I	3.0	2.0	С	
With Depth   A	Poo	Depth (m)	: MS	0.30	0.30	0.80		0.60						0.50	] [	u- 11- 0				-
COVER		Wb Depth	.4	1 .2	.2	1 Avo	: 0.27		Method:	MS	S	tage: L	E M	пн					ALCOHOL: NO PERSONAL PROPERTY AND ADDRESS OF THE	4
Type: SWD LWD B U DP OV IV Amount: N N D T T S N I 1-20% INSTREAM VEG: N A M V   INSTREAM VEG: N A M INSTREAM VE		COVER			_	0.000							<b>V</b>				,,,		noon L	_
Amount		NACT EV		2 1 11			- 11	1 00		ov T	- 11/	T cp/	OVANI CI	OCUD	-					
Loc: P/S/O	-		-						_			9.00			-					
LWD: N			-					1	-			-			N	A	мп	VП		
EMS:     Temp: 8		LB SHF Texture	P: S B: F [	G 🗆									Texture RIP	: F [	G	_ c 🕡	В	R	) <b>A</b> [	]
Temp: 8	- West		3 4	- 11				e anoue	W	ATE	R	10 PT		5 7.2						
PH: 7.0   Method: P2   Method: GE		EMS	:									R	eq #:							
Red Material:   Dominant: C   Subdom: G   Disturbance		3.0										C	ond.: 12	0				Met	hod: S	3
Bed Material:   Dominant: C   Subdom: G   D95: 40.0   D (cm): 20.00   Morph: RP   DISTURBANCE   INDICATORS   C1   C2   C3   C4   C5   S1   S2   S3   S4   S5   S5   S5   S5   S5   S5   S5	C.	1 19.11 10.11		Dahela								T	urb.: T	ПМ		ГС	~	Met	hod: G	iΕ
Bed Material:   Dominant: C   Subdom: G   D95: 40.0   D (cm): 20.00   Morph: RP   DISTURBANCE   INDICATORS   C1   C2   C3   C4   C5   S1   S2   S3   S4   S5   S5   S5   S5   S5   S5   S5		-1000 Signs	. Raileo	Deblis																
D95: 40.0   D (cm): 20.00   Morph: RP   DISTURBANCE   INDICATORS   C1   C2   C3   C4   C5   S1   S2   S3   S4   S5   Islands: N   Coupling: DC   Confinement: UN   FSZ:		V			7-5-4		1215-7	N	ORP	HOL	OGY		400	y" I Ily	15	- 11			3/6	3 V5 1
Pattern: SI   INDICATORS   C1   C2   C3   C4   C5   S1   S2   S3   S4   S5     Islands: N	В	ed Material		Dominan	t; C		Subdom	n; G				01	B1	B2	В3	D1 1	D2 D	3		
Islands: N   Coupling: DC   Confinement: UN   FSZ:   Bars:   N   SIDE   DIAG   MID   SPAN   BR		D95	: 40.0	D (cm	): 20.00		Morph	: RP	0	ISTURE	BANCE									
Coupling: DC Confinement: UN FSZ:  NID Map NID Type Hgt Method Lg Method Photo AirPhoto UTM (Z/E/N) Method 093L.056 25250 X 1.2 MS 0 MS R: 99 F: 01 L: #: 9.638585.6041807 GIS Comments: Log Falls - non permanent obstruction, 50 m u/s of Bridge  HABITAT QUALITY  Name Comments Spawning Habitat Poor - limited gravel substrate and riffle pool sequencing. OverWinter Habitat Poor - lack of good deep pools (only 1 in 150 m).										INDICA	TORS	C1	C2	C3	C4	C5 :	S1 S	2 S	3 54	4 S5
Bars: N   SIDE   DIAG   MID   SPAN   BR																			JIC	
SPAN   BR   SIDE   DIAG   MID   SPAN   BR   SPAN   S																				
NID Map										В	ars:	N	SID	EV	DIAG		MID	SPA	N	BR
NID Map         NID Type         Hgt         Method         Lg         Method         Photo         AirPhoto         UTM (Z/E/N)         Method           093L.056         25250         X         1.2         MS         0         MS         R:         99         F:         01         L:         #:         9.638585.6041807         GIS           Comments: Log Falls - non permanent obstruction, 50 m u/s of Bridge           HABITAT QUALITY           Comments           Spawning Habitat         Poor - limited gravel substrate and riffle pool sequencing.           OverWinter Habitat         Poor - lack of good deep pools (only 1 in 150 m).																				
093L.056         25250         X         1.2         MS         0         MS         R:         99         F:         01         L:         #:         9.638585.6041807         GIS           Comments: Log Falls - non permanent obstruction, 50 m u/s of Bridge           HABJTAT QUALITY           Comments           Spawning Habitat         Poor - limited gravel substrate and riffle pool sequencing.           OverWinter Habitat         Poor - lack of good deep pools (only 1 in 150 m).	M. V. 7 - 3	7 3/2	1000	10	A COLOR	401/10/1			FEA	TUR	ES	plo,		L				AL III		
Comments: Log Falls - non permanent obstruction, 50 m u/s of Bridge  HABITAT QUALITY  Name Comments  Spawning Habitat Poor - limited gravel substrate and riffle pool sequencing.  OverWinter Habitat Poor - lack of good deep pools (only 1 in 150 m).			_	_		_			- 1			_	AirP			7				
Name Comments  Spawning Habitat Poor - limited gravel substrate and riffle pool sequencing.  OverWinter Habitat Poor - lack of good deep pools (only 1 in 150 m).			1.77		17671				K: 99	F:	01 [			#:	-	9.	o38585.	604180	1	GIS
Name Comments  Spawning Habitat Poor - limited gravel substrate and riffle pool sequencing.  OverWinter Habitat Poor - lack of good deep pools (only 1 in 150 m).	Common.	Sen Driver	non p	- THORICI	. ocali di	2.1011, 00	0		PITA	TAI	LA LES	TV	NAME OF THE OWNER, OWNE		militar.	2102 30	W43116	F #	1200	CO Pulling
Spawning Habitat Poor - limited gravel substrate and riffle pool sequencing.  OverWinter Habitat Poor - lack of good deep pools (only 1 in 150 m).	F = 2 3 4 1		100	100 - (In) 1 H	No.	1-66	1 4 1	or and a second		ı ut			17		1.11		All Control		11 MIT 34	
OverWinter Habitat Poor - lack of good deep pools (only 1 in 150 m).	Carri			Dest	limited :	enucl at	hata-t-	- d - ten	mant at	an ris ar 24.		commen	s							_
The state of the s				_							J.	_			_					
Total president parties and the state of the					1-1-4					-	runs.				_		-			

Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

2.0

093L.056

2445

	Pho	to		Foc Lg	Dir	Comments
R: 99		F:	01	STD	U	1.2 m Log Falls (non-permanent obstruction).
R: 99		F:	02	STD	D	Typical habitat.
R: 99		F:	03	STD	U	Typical habitat (Log Falls visible in background).
Y Js						COMMENTS
		Sec	tion			Comments
	S	ITE (	CARD	Partial obstru	ction observed 5	0 m upstream of bridge, small channel (1.0 m wide) observed around Falls.
	S	ITE (	CARD	S2		

## FDIS Fish Card

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

2.0

093L.056

Gazelted Name:   Project Code: 460-000000-00000-00000-00000-0000-0000-					-51 -50 10 8925			yn'≘ I		WATE	RB	ODY		Mr.	7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	10.20	THE STATE OF		
Project ID: 5270		ezetted Projec	Name t Code	e: 460-	000000-0	0000-000	00-0000-	0000-00	00-00	0-000-000-0	000-0	)		2		Creek			
Fish Permit #: 145269   Date: 2002/09/03   To: 2002/09/03   Agency: C172   Crew: SG/SH   Resample:										ILP Map #	: 093	3L.056			ILP	#: 2	2445	Reach #:	2 -
SITE   METHOD   SITE   SI		Pro	ject ID	: 5270	)							L	ake/St	ream	S		Lake Fr	om Date:	
NID Map		Fish P	ermit #	: 14	15269							7.7.7	-		C172	Cre	ew: SG/SI	H Resai	mple:
Comment   Comm						1		W-1	S	ITE / I	VI E	THO	D.	ISM			13 1000		ellinda (n. s.
A. GEAR SETTINGS   Site#   MTD/NO	Site#					UTM:Zone	e/East/No		7.7		Te	mp	Cond	Tu	bid		С	omment	
MTD/NO	250	093	L.056	202	250			_	_										
Comment   Comm	1	Ti-II	E L	#		T a del		ļ	1. (	SEAR	SE	TTI	VGS	100	///	3 117			
C. ELECTROFISHER SPECIFICATIONS   Make   Mozoro   M	Site#	_		-		In Ti	me In		Out	Time Out						Com	ment		47-11
Site#   MTD/NO	250	EF	1	1	2002/09	A CONTRACTOR OF THE PARTY OF TH			200										
The image is a constant of the image is a cons	200		E.	18 1/2		C	. ELI	CTI	ROI	FISHE	R S	PEC	CIFI	CA	TION	S	3		12.82
Second   S	Site#		MTD/N	OV	H/P	En	cl :	Sec	L	ength	Wie	dth	Vol	tage	Freq	uency	Pulse	Make	Mode
Stage   Age   Total #   Light (Min/Max)   FishAct   Comment	250	EF		1	1	0		359	- 0	150.0	7	7.5	3	00	6	60	6		12B
250   EF		1-15	West P				14		F	SHSL	MI	MAR	Υ		127		ENT.	with Astrology and the San	50
250   EF	Site#		MTD/N	10	H/P	Species	Sta	ge	Age	Tota	#	Lgth	(Min/M	ax)	FishAc	t I		The same of the sa	
	250	EF	1	1	1	co	J					_						55111115111	
INDIVIDUAL FISH   DATA	250	EF		1	1	DV	J			(	6	85	1	05	R				
MTD/NO	250	EF		1	1 -	RB	J			- 4	1	70		95	R				
Str/Smpi#/Age   Str/Smpi#		100		S. 1		1/10 - 1/2		IND	11	DUAL	FI	SH	DA	TA	71				
50 EF 1 1 DV 105 U IM 50 EF 1 1 DV 95 U IM 50 EF 1 1 DV 95 U IM 50 EF 1 1 DV 90 U IM 50 EF 1 1 DV 100 U IM 50 EF 1 1 DV 102 U IM 50 EF 1 1 RB 95 U IM 50 EF 1 1 RB 70 U IM 50 EF 1 1 RB 72 U IM 50 EF 1 1 RB 79 U IM 50 EF 1 1 RB 79 U IM 50 EF 1 1 CO 85 U IM 50 EF 1 1 CO 87 U IM	ite#	MTD	/NO	H/P	Species	Length	Weight	Sex	Mat	A	ge		Vch#	G	enetic	Roll#	Frame#	Comn	nent
50 EF 1 1 DV 85 U IM 50 EF 1 1 DV 95 U IM 50 EF 1 1 DV 90 U IM 50 EF 1 1 DV 100 U IM 50 EF 1 1 RB 95 U IM 50 EF 1 1 RB 70 U IM 50 EF 1 1 RB 72 U IM 50 EF 1 1 RB 79 U IM 50 EF 1 1 RB 79 U IM 50 EF 1 1 CO 85 U IM 50 EF 1 1 CO 70 U IM 50 EF 1 1 CO 70 U IM 50 EF 1 1 CO 71 U IM 50 EF 1 1 CO 71 U IM 50 EF 1 1 CO 71 U IM					COLDE					Str/Sn	npl#//	Age		Str	/Smpl#	400			
50 EF 1 1 DV 95 U IM 50 EF 1 1 DV 90 U IM 50 EF 1 1 DV 100 U IM 50 EF 1 1 RB 95 U IM 50 EF 1 1 RB 70 U IM 50 EF 1 1 RB 72 U IM 50 EF 1 1 RB 79 U IM 50 EF 1 1 CO 85 U IM 50 EF 1 1 CO 70 U IM 50 EF 1 1 CO 71 U IM 50 EF 1 1 CO 71 U IM 50 EF 1 1 CO 71 U IM	250	The second second	1	1	DV	105		U	IM						1				
50 EF 1 1 DV 90 U IM 50 EF 1 1 DV 102 U IM 50 EF 1 1 RB 95 U IM 50 EF 1 1 RB 70 U IM 50 EF 1 1 RB 72 U IM 50 EF 1 1 RB 79 U IM 50 EF 1 1 CO 85 U IM 50 EF 1 1 CO 70 U IM 50 EF 1 1 CO 70 U IM 50 EF 1 1 CO 71 U IM 50 EF 1 1 CO 71 U IM 50 EF 1 1 CO 71 U IM	250	-	100			1000	1	U	1M			1	177						
50 EF 1 1 DV 100 U IM 50 EF 1 1 RB 95 U IM 50 EF 1 1 RB 70 U IM 50 EF 1 1 RB 72 U IM 50 EF 1 1 RB 79 U IM 50 EF 1 1 CO 85 U IM 50 EF 1 1 CO 70 U IM	250		_	_	-				IM			- 7		75					
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50 EF 1 1 CO 71 U IM			1						9.55										
					15.5.	1.4.2		Mark Comment			-								
50 EF 1 1 1 CO 75 U IM	250	EF	1	1	CO	75		U			_								



Site #250, 1.2 m Log Falls (non-permanent obstruction). Roll #99, Frame #01, Date: 2002/09/03



Site #250, Typical habitat. Roll #99, Frame #02, Date: 2002/09/03



Site #250, Typical habitat (Log Falls visible in background). Roll #99, Frame #03, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

4.0 093L.046

	STR	EAM	REF	ERE	ACINO	9	5 %			
Gazetted Name:					Local Na	me:				
Watershed Code: 000-000000-0000	00-0000-0000-0000-00	0-000-00	00-000-0	000-000		ILP Map #: 093L.04	16	IL	P#:	3007
			REA	СН	- 1/10				(F )	
US Elev (m): 621	UTM(Zone/East/No Coupling: Decoupled onfinement: Occasiona Islands: NONE		Ma	gnitude: Order:	1 1 egetation		BGC	Type: Zone: ater: Abs	7.53	ed
		No. 280.1	SIT	E		The standard	W. Kar	411	an thus	
	UTM S UTM 9.638756.604124	45	104 Promise		cy: C172 ncy Name	Crew: SG	S/SH I Consu		2002/0 errace)	9/03
	Graff Alg. TV	C	HAN	NEL	-VIN 21		7	44	8	/ - \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
No Vis.Ch.: Intermittent:  Dewatered: Tribs.:  Stage: Low	Channel Width (m): Wetted Width (m): Bankfull Depth (m):	Avg 0.66 0.00 0.10	Min 0.400 0 0.1	Max 0.800 0 0.1	# 6 0	Gradient %: Pool Depth (m):	Avg 5.00 0.00	Min 4 0	6 0	# 4 0
Med Temp (C):	pH:	31.2		Conductiv		Turbi	200	Turbid loderate	= 1	Low
	Ne addition	MOR	PHC	LOG	Y	Salt Market Second	NO THE		-16	
Bed Material: Dominant: Gravels Subdominant: Cobble Channel Pattern: Sinuous Coupling: Decoupled Confinement: Unconfined Morphology: RP Riffle Poo	D95 (cm): 20. D (cm): 10. Islands: Non	00	DISTU	Bars: No		B1 B2 B3  C5 S1 S2	D1 S3	D2 D S4	В	pan 🗌 raid 🗍
SECTION DE ANGE		ead (	COVI	E R		The state of	11- 11		<b>-3.</b> 5	
Total Cover: Moderate  LWD: Few  LWD Dist: Evenly Distributed	Type: Amount: Location: P/S/O:		S				) )	IV N	FS	
	Stage	- Annexed		Bould	der R	ock	√lgae [		own Clo 21-4	
	LE BOOK B	7.11	F	EATL	IRES		-14,3			-
NID Map         NID         Type         Hgt           093L.046         25251         CV         .5	Method Lg MS 12	Metho	od R:	Pho 99 F	to : 06	AirPhot	o #;			M (Z/E/N 394.604

### Morice North Planning Area

Reach # ILP Map #

P#

Site 250

2.0

093L.056

P	hot	0		Foc Lg	Dir	Comments
R: 99		F:	01	STD	U	1.2 m Log Falls (non-permanent obstruction).
R: 99		F:	02	STD	D	Typical habitat.
R: 99	0	F:	03	STD	U	Typical habitat (Log Falls visible in background).
F (4)		-	X 186	7.702/		COMMENTS
		Sec	tion			Comments
	SI	TE C	CARD	Partial obstr	uction observed 5	0 m upstream of bridge, small channel (1.0 m wide) observed around Falls.
	SI	TE C	CARD	S2		

### Morice North Planning Area

ILP Map #

ILP#

Site

2.0 093L.056 2445 250

	The state of the s		in the					PR	OJE	CT	Autor			1				l Wit	1 1
Proj	Proje Stream Nar ect Watersh	me (gaz.	): BUL	KLEY R	VER	rice Fore					00		Project (	Code:			5270		2-3-190
	AL STA	Silver	i dini	-4764	4	10 To 1		WAT	ERS	HED				1.57/19	<b>斯拉索尔</b>	and the	1 1	Z., Z.	14
Gaz	etted Name	:									Loc	cal Nam	e: Edwa	ards Cr	eek				
Wate	rshed Code			000-000	00-000	0-0000-0	00-000-0	000-000	-000-000	)									
	ILP Map#	: 093L.0	56	-	LP #: 24	145	NID M	ap #: 09	3L.056	N	ID#: 20	250	Rea	ich#:	2	2.0	3	Site #: 2	250
100	TM (Z.E.N)		<b>50 0011</b>		1	Method:					Site Lo			Met	hod: HC		Acce	ss: V2	
GIS U	TM (Z.E.N)	9.6386	59.6041	813						R	ef. Name	9:							
	Da	te: 200	2/09/03	7	Time: 07	:30	- 4	Agency:	C172	(	rew:	SG/SH		F	ish Crd?:	V	. Ir	ncomple	te:
Vivable in		12		7 3	5-10	y 51-12		CH	ANN	EL	图门为	1 3		1			1500	9.00	21
		Mtd	width	width	width	width	width	width	width	width	width	width	Avg			Gadie	ent %	Mtd	Avg
	Width (m):	MS	7.50	7.50	8.30	9.20	6.80	7.50					7.80		Method I:	2.0	2.5	С	2.38
	Width (m): Depth (m):	MS MS	6.30 0.30	0.30	0.80	5.20	5.00 0.60	4.90					6.00	L	lethod II:	3.0	2.0	С	
1 001	Dopar (m).	MO	0.50	0.50	0.00		0.00		_		-		0.50	l N	lo Vis.Ch.	: 🗆	Intermi	ittent:	
	Wb Depth:	.4	.2	.2	Avg	g: 0.27	٨	Method:	MS	St	age: L	V M	H		Dw	1	T	ribs.:	
	COVER			Tota	al: A														
	Type:	SWD	LV	VD	В	U	DF		OV	IV	CRO	OWN CL	OSURE						
	Amount:	N	1	_	D	Т	T		S	N	1		-20%						
	Loc: P/S/O:					<b>V</b>	~				INS	TREAM	VEG:	NV	A	M	V 🗌		
	LB SHP Texture RIP STG	: F [	G	c 🗸	В	R 🗆 A						RB SHP Texture RIP STG	F [	G	] c ☑	В	R	A 🗌	
MY TO	Ay.							W	ATE	R	213	The state of	- W 1				418	3,000	
	EMS:											eq #:							
	Temp:							od: T3			Co	ond.: 120	)				Meth	nod: S3	Ş.
F	pH: lood Signs:		Debris					od: P2			Т	urb.: T	M	L	Oc.	1	Meth	nod: GE	E
N/IX					1101				TEOT	004		erection		2200			The second		
4					112	100		UKP	HOL	UGY	01	B1	po.	D2	04 0	D. D.	1		
Be	ed Material: D95:		ominan	t: C : 20.00		Subdom						01	B2	B3	D1 D:	2 D	3		
			D (CIII)	20.00		Morph	: RP		INDICA			ш	ш			111			
	Pattern: Islands:								INDICA	IONS	C1	C2	C3	C4	C5 S	1 S2	2 S3	3 S4	S5
	Coupling:																		
Co	onfinement:	UN										5.20							
	FSZ:								Ba	ars:	N	SIDI	<b>V</b>	DIAG	_ N	IID	SPAN	4	BR
ing the same	response w	Teles.	E 2 1	F. 276.	A STATE	/\"\E	Local Service	FEA	TUR	ES	15 ET	*	B. 18 1 1	0.00	A HAR	Less and		AP NE	To 3 "
NID Map	NID T	уре	Hgt	Method	i L	g N	lethod	<b>新加州市</b>	Photo	(F-U)	(E) [ ]	AirPl	noto		1	JTM (Z	/E/N)	300	Method
093L.056	25250	X	1.2	MS	(		MS	R: 99		01 L	:		#:				04180		GIS
Comment	s: Log Falls	- non pe	ermanen	t obstruc	tion, 50	m u/s of	Bridge												
41 1			9 - 1-		1		HAE	ATIE	TQL	IALIT	Y	li la si		197			SIL-TEN	nt s.	
	Name						AT ME			C	omment								
	ning Habitat		_			bstrate a													
	finter Habita ing Habitat	it				p pools													
Rear	ng nabitat		G000 -	abunda	nt bould	er cover	snallov	v pool a	па аеер	runs.									

### Morice North Planning Area

Reach# ILP M

ILP Map #

ILP#

Site

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Proje Stream Nar Project Watersh	me (gaz.	The same of	KLEY RI	VER						00	ı	Project C	ode:			5270		
	- (1)	10/5	22		K-AL	"""	WAT	ERS	HED		3.苏凯斯	#VI			3 487			
Gazetted Name Watershed Code ILP Map# Field UTM (Z.E.N) GIS UTM (Z.E.N)	: 000-00 : 093L.0	)46	11	LP#: 30			000-000- ap #: 09		N	Lo ID #: 20 Site L ef. Name	g: 125		ch #: Method		.0		Site #: 25	51
1777							2						<u> </u>					
Da	te: 200	2/09/03		ime: 08:	:00	-	Agency:			rew:	SG/SH		Fish	Crd?:	Ц	In	complet	le: [_]
	illin i iki			1-1-150				ANN	and the second section			5万 有息的	THE REAL PROPERTY.	News a	84.71	Ser We	<b>展型</b>	e, NL Y
Co. Owner	Mtd	width	width	width	width	width	width	width	width	width	width	Avg			Gadie		Mtd	Avg
Channel Width (m): Wetted Width (m):	MS	0.80	0.57	0.40	0.77	0.65	0.75					0.66		thod I:	4.0	5.0	C	5.00
Pool Depth (m):	MS			-				-		-		0.00	Med	hod II:	4.0	5.0		
· cor Dopan (my.	1 1110							1				0.00	No \	/is.Ch.:		intermi	ttent:	2
Wb Depth:	.1	.1	1,1	Avg	g: 0.10	ı	Method:	MS	St	age: L	$\square$ M	TH[		Dw:		Т	ribs.:	]
COVER			Tota	al: M														
Type:	SWE	LV	VD T	В	U	DF	7	ov T	IV	1 CR	OWN CL	OSURE						
Amount:	-			T	T	N		D	N	2		1-40%						
Loc: P/S/O:	V				V	1 FIF				INS	TREAM	VEG:	NV	ITA	ип	V		
LWD: LB SHP Texture RIP STG	:s : F <b>✓</b> :D	9 G □		B _	R 🗆 A						RB SHP Texture RIP STG	F 🗸	G	с	В	R 🗌	A	1
	1.700	- rai	u I				W	ATE	R .	1843 2	11/4	15				7		
EMS: Temp: pH: Flood Signs:						Metho	od: T4 od: P2 od: GE			C	teq #: cond.: Turb.: T	П м		] c [	]		nod: S3	
10 m 20 28 28 11 mm	ell.	w , and	1216	EN N		N.	ORP	HOL	OGY	10.04				**************************************			3000	
Bed Material: D95: Pattern: Islands: Coupling: Confinement: FSZ:	20.0 SI N DC UN	Dominan D (cm)	t: G ): 10.00		Subdom Morph		C	DISTURE INDICA B		01 C1	B1 C2 SID	C3 (	DIAG	5 S1	ПП			S5
1.00																		
The second second	TO THE REAL PROPERTY.						FEA	TUR	ES		(Mari)							
	Туре	Hgt	Method			Method	7.5	Photo			AirPl			l	JTM (Z/	E/N)	h	Method
- control of the second	cv	.5	MS	1	2	HC	R: 99	9 F:	06 L			#:		9.63	8894.6	041174	4	GIS
Comments: Perched	0.2 m (p	partial ba	mer)															
	43	Part III	- 11			HAI	BITA	TQL	IALI	TY				7			5	100
Name									C	ommen	its							
Spawning Habita		_				the later was	ited grav	els and	no riffle	oool seq	uencing.	4						
OverWinter Habita			due to s															
Rearing Habitat		Poor -	due to s	easonal	stream	now and	lack of	cover.										

Morice North Planning Area

Reach#

ILP Map #

ILP#

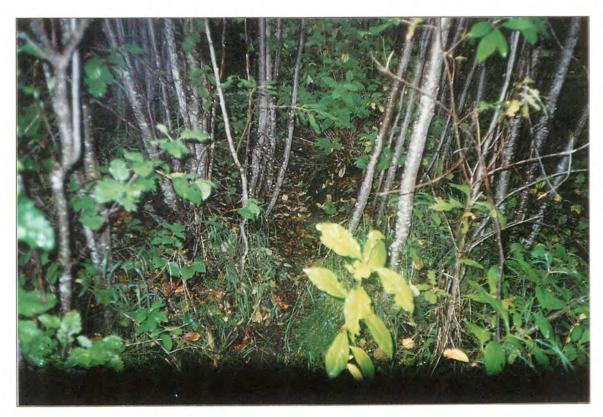
Site

..

093L.046

3007

	Ph	oto		Foc Lg	Dir	Comments
R:	99	F:	04	STD	D	Downstream photo of Dry Channel.
R:	99	F:	05	STD	U	Upstream photo of sinuous Dry Channel.
R:	99	F:	06	STD	U	Upstream photo of 0.2 m perched CV.
*	PE S	7. (c) di		Seron Harris		COMMENTS
		Sec	tion			Comments
		CHA	NNEL	Inferred S4.		
		CHA	NNEL	Channel brai	ds out above CV	crossing.



Site #251, Downstream photo of Dry Channel. Roll #99, Frame #04, Date: 2002/09/03



Site #251, Upstream photo of sinuous Dry Channel. Roll #99, Frame #05, Date: 2002/09/03



Site #251, Upstream photo of 0.2 m perched CV. Roll #99, Frame #06, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

3.0

093L.046

Reach #: 3.0			STR	EAMRE	FEREN	CING			11 th - 1 Th
Reach #: 3.0		4.4141.41				ocal Name:			
Reach #: 3.0	Watershed Code: 000-00	0000-00000-00	000-0000-0000-00	00-000-000-00	0-000-000	ILP	Map #: 093L.	046 II	P#: 2999
Length (km): .92				RE.	ACH				" The second
Site #: 252	Length (km): .92 Gradient (%): 4.9 US Elev (m): 600	Confi	oupling: Decoupled nement: Occasional Islands: NONE	d M ally Conf	Magnitude: Order: 2 Riparian Veg	etation: Mixed		BGC Zone:	SBS
Site Length (m): 125   GIS UTM 9.639433.8039347   Agency Name: Triton Environmental Consultants (Terrace)			14 1 2 2 2 2 2	S1	TE			Taylin Joseph	
No Vis. Ch.:				47		A Stranger of the Control of the Con			F 57 4 5 1 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2
Channel Width (m): 0.98			the billion of the	CHA	NNEL			THY A SO	
Bed Material:	Dewatered: ☐ Tr Stage: Low ☐ Med ✔	ibs.:	Wetted Width (m): Bankfull Depth (m):	Avg Mir 0.98 0.7 0.78 0.5	1.200 1 0.2	6 6 7	Pool Depth (m	%: 3.38 2.5 n): 0.18 0.050 rbidity.: Turbid	4 4 0.35 6
Bed Material: Dominant: Gravels Subdominant: Fines Def (cm): 7.00 Bars: Non V Side Diagonal Mid-channel Span Braid  Channel Pattern: Sinuous Coupling: Decoupled Confinement: Unconfined Morphology: RP Riffle Pool  COVER  Total Cover: Moderate LWD: Few LWD Dist: Evenly Distributed LWD Dist: Evenly Distributed Left Bank: Shape: Sloping (g Right Bank: Shape: Sloping (g Right Bank: Rip.Veg: Mixed C/D Left Bank: Rip.Veg: Mixed C/D Stage: Young forest NID Map NID Type Hgt Method Lg Method Photo AirPhoto UTM (Z 093L.046 25252 CV .6 MS HC R: 99 F: 09 L: #: 9.639719.6  Site Number Capture Method Events  FI.S H  Site Number Capture Method Events  Name Capture Method Revents  Name Capture Science Counter Method Revents  Name Capture Science Counter Capture Revents  Name Capture Science Capture Reve		tum illi		MAPPU				Moderate	Cical ♥
Total Cover: Moderate  LWD: Few 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 1-20% Right Bank: Rip.Veg: Mixed C/D Stage: Young forest Left Bank: Rip.Veg: Stage: Young forest Left Bank: Rip.Veg: Stage: Young forest  NID Map NID Type Hgt Method Lg Method Photo AirPhoto UTM (Z 093L.046 25252 CV .6 MS HC R: 99 F: 09 L: #: 9.639719.6  Comments: Perched 0.2 m culvert - partial barrier.	Coupling: Decoup Confinement: Unconfi	led ned	Islands: Nor	INC	DICATORS				
LWD: Few 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 1-20% Right Bank: Rip.Veg: Mixed C/D Stage: Young forest Left Bank: Rip.Veg: Stage: Young forest Instream Veg: None  Algae Moss Vascular    NID Map			Washington to	COV	/ER			that have S to the state of the	
Left Bank: Shape: Sloping (g Texture: Fines  Gravel Cobble Boulder Rock Manmade 1-20% Right Bank: Rip.Veg: Mixed C/D Stage: Young forest Left Bank: Rip.Veg: Stage: Young forest Instream Veg: None  Algae Moss Vascular    NID Map	LWD: Few	outed	Amount:	SWD LV	WD B	S	N		FSZ:
NID Map	Left Bank: Shape: Sl Right Bank: Rip.Veg: M	oping (g Tex	ture: Fines 🕢 Gra Stage Stage	e: Young fores	le Boulde st st	Rock Instream Veg	Manmade		1-20%
093L.046 25252 CV .6 MS HC R: 99 F: 09 L: #: 9.639719.6  Comments: Perched 0.2 m culvert - partial barrier.  FISH  Site Number   Capture   Number of   Length fished   Total   Voltage   Species   Total   Minimum   Length (mm)				S	Name of the second		生物学。	Maria de la companya della companya	
Site Number   Capture   Number of   Length fished   Total   Voltage   Species   Total   Minimum   Maximum   Length (m)   Time   Fish   Length (mm)   Length	093L.046 25252 CV	.6	MS				AirPh		UTM (Z/E/N 9.639719.6039
Site Number   Capture   Number of   Length fished   Total   Voltage   Species   Total   Minimum   Maximum   Length (mm)   Length		-7/		510	2.11	(Fig. 10)	V-000 (000 - 000 -	4E-17-11- 1-18	
				Total		Species		Minimum	Maximum Length (mm)
252 EF 1 200 293 sec 500 NFC 0	252 EF	100 Y 100 Y 100 Y			500	NFC	7.77	and the state of	

Morice North Planning Area

Reach #

ILP Map #

IIP#

Site

3.0 093L.046 2999 252 PROJECT Project Name: RFFHI within the Morice Forest District (tribs to Morice R.) Stream Name (gaz.): BULKLEY RIVER Project Code: 5270 WATERSHED Gazetted Name: Local Name: ILP#: 2999 ILP Map#: 093L.046 NID Map #: 093L.046 NID #: 20252 Reach #: 3.0 Site #: 252 Field UTM (Z.E.N): .. Method: Site Lg: 125 Method: HC Access: V2 GIS UTM (Z.E.N): 9.639433.6039347 Ref. Name: Date: 2002/09/03 Time: 09:00 Agency: C172 Fish Crd?: Crew: SG/SH Incomplete: CHANNEL Mtd width width Avg width width width width width width width width Mtd Gadient % Avg Channel Width (m) MS 1.10 1.20 0.80 0.95 1.10 0.70 0.98 Method I: 4.0 2.5 C 3.38 Wetted Width (m) MS 1.00 0.90 0.60 0.80 0.90 0.50 0.78 Method II: 3.0 4.0 C Pool Depth (m) MS 0.10 0.15 0.10 0.05 0.30 0.35 0.18 No Vis.Ch.: Intermittent: Wb Depth: .2 .2 .1 Avg: 0.17 Method: MS Stage: L M W H Tribs.: Dw: COVER Total: M SWD LWD CROWN CLOSURE Type: R U DP OV IV Amount S N ח N 1 1-20% Loc: P/S/O INSTREAM VEG: N A M V LWD: F DIST: E LB SHP: S RB SHP: S Texture: F G C B R A Texture: F G C B R A RIP: M RIP: M STG: YF STG: YF WATER EMS: Req #: Temp: 10 Method: T4 Cond.: 180 Method: S3 pH: 7.0 Method: P2 Turb.; T M L C Method: GE Flood Signs: None Method: GF MORPHOLOGY 01 **B1 B3** D1 D2 D3 Bed Material: Dominant: G Subdom: F Morph: RP D95: 20.0 D (cm): 7.00 DISTURBANCE **INDICATORS** Pattern: SI C3 C5 S1 **S2 S3 S4 S5** Islands: N Coupling: DC Confinement: UN SIDE DIAG BR Bars: MID SPAN FSZ: FEATURES NID Map NID Type Hgt Method Method Lg Photo AirPhoto UTM (Z/E/N) Method 093L.046 25252 CV .6 HC 99 F: 09 9.639719.6039417 GIS Comments: Perched 0.2 m culvert - partial barrier. HABITAT QUALITY Name Spawning Habitat Poor - limited by seasonal stream flow and suitable locations. OverWinter Habitat None - limited by lack of deep pools / seasonal stream flows.

Poor - limited by lack of pools / shallow stream channel.

Rearing Habitat

#### Morice North Planning Area

Reach # ILP Map # ILP # Site 3.0 093L,046 2999 252

					<b>对特别和</b> 《美国	PHOTOS							
	Ph	oto		Foc Lg	Lg Dir Comments								
R:	99	F:	07	STD	D	Downstream photo of typical habitat / gravel channel.							
R:	99	F:	08	STD	U	Upstream photo of typical habitat within site.							
R:	99	F:	09	STD	U	Upstream photo of 0.2 m perched culvert (partial barrier).							
= )/;			207-23 Till 107-2		17 情事。後	COMMENTS							
		Se	ction		30 H 20 H 10 C (Mar)	Comments							
	CHANNEL		CV partial ba	CV partial barrier due to shallow water depths / perched.									
CHANNEL Inferred S4.			Inferred S4.										
CHANNEL E			NNEL	Ephemeral.	phemeral.								

## **FDIS Fish Card**

### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

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3.0

093L.046

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Gaz	zetted Na	me:									Loc	al:					
F	40.0						0-0000-000-00		1334175								
14			000-0	0-00000	0000-00000	)-0000	0-0000-000-00							4	345		
V	/aterbody Project		5270					ILP N	Мар #:	093L.04	Lake/S	ream:	ILP#:	29	3370 V C.	Reach #: 3 om Date:	3 -
F	ish Perm	t#:	145	5269	Dat	e: 20	02/09/03	To	: 2002	/09/03	Ag	ency:	C172	Cre	w: SG/SF	Resar	mple:
	なだが		100	PHONE S		//	S	ITE	/ M	ETH	O D	1	- m		- V. 1.		
Site#	NID M	ар	NID	#	UTM:Zone/	East/N	North/Mthd	MTD	/NO	Temp	Cond	Turi	oid		Co	mment	
252	093L.0	46	2025	52			GPU	EF	1	10	180	C					
	3.		,// ·	1 1 1 1 1 1 1	(國)		- A.	GEA	RS	ETT	INGS		· 一				- 100
Site#	MTD/N	0	H/P	Date	In Tim	e In	Date Out	Time	Out					Comm	nent		18.74
252	EF	1	1	2002/0	9/03 09:	00	2002/09/03	09:	20								
	基準施	60	1	16.4	C.	EL	ECTRO	FIS	HER	SPI	CIF	CA	TIONS		7345 MS		
Site#	MT	D/NC	)	H/P	Encl		Sec L	ength		Width	Vo	ltage	Frequer	псу	Pulse	Make	Mode
252	EF		1	1	0		293	200.0	e Irs	0.8	5	00	60		6	SMITH	12B
5-3				10			7 F	ISH	SU	AMN	RY	N AL		17		Till 3	
Site#	MT	D/NC		H/P	Species	St	age Ag	e	Total #	Lg	th (Min/N	lax)	FishAct			Comment	
252	EF		1	1	NFC				0								



Site #252, Downstream photo of typical habitat / gravel channel. Roll #99, Frame #07, Date: 2002/09/03



Site #252, Upstream photo of typical habitat within site. Roll #99, Frame #08, Date: 2002/09/03



Site #252, Upstream photo of 0.2 m perched culvert (partial barrier). Roll #99, Frame #09, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

10

093L.046

		STR	EAM	REFE	RENC	ING	er Herri		The way
Gazetted Name:					Loc	al Name:			
Watershed Code: 000-	000000-00000-00	000-0000-0000-0	00-000-00	0-000-000	000	ILP	Map #: 093L.0	046 II	LP #: 2941
				EACH			17:17		*19 5
Reach #: 1.0 Length (km): .94 Gradient (%): 1.9 US Elev (m): 579 Bars: None V Side	Confir	UTM(Zone/East/N pupling: Decouple mement: Unconfine slands: NONE  Mid-channel	d	Magnit O Ripari	rder: 4 an Veget	7 ation: Deci	duous	Sample Type: BGC Zone: Open water: Ab	12.53
bars. None 💽 Side	Diagonal	Mid-channel L	_ opan	SITE		anduse: No	t Specilied		77 - 1-65
Site #: 253 Site Length (m): 150	Field UTM GIS UT	и М 9.640444.6037	544		Agency: Agency I			G/SH Date:	2002/09/03 Геггасе)
		Here's T	C I	IANNI	1		To be great hours		
No Vis.Ch.: Interno Dewatered: Stage: Low Med V		Channel Width (m) Wetted Width (m) Jankfull Depth (m) pH: 6.9	Avg : 17.20 : 13.82 : 0.33	12,9 2 11.7 1 0.2 0	1 4.9 6 0.5 3 ductivity:		Gradient % Pool Depth (m Turl		Low
riigir	Temp (C). 6	pri. 0.9		PHOL				Moderate	Clear_
Bed Material: Domina Subdomina Channel Pattern: Sinu Coupling: Deco Confinement: Unco Morphology: RP	nt: Gravels ous oupled	D95 (cm): 65 D (cm): 25 Islands: No	5.00	DISTURBA INDICAT	ORS [	O1 B1 C4 C5	B2 B3  S S1 S2	D1 D2	Braid ✓  Braid ✓  S5
1 W 1 / 2 P	9 (Min ) = 5.5/2	THE STATE OF THE S	C	OVER		Wes and	- 1 VII		
Total Cover: Moderate LWD: Few LWD Dist: Clumped		Type: Amount: Location: P/S/O:	SWD S	LWD T	B D	U N	DP T	OV IV T N	FSZ:
Left Bank: Shape:	Sloping (g Text	ture: Fines Gr Stag		Cobble ✓	Boulder Boulder	Rock Rock	Manmade Manmade Manmade Manmade Manmade	C Algae Moss	rown Closure 1-20%
			W. A.T.	FISH			-10.00 tale -	1111	200
Site Number Capture Method		Length fished (m)	Total Time	Vol	tage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
253 EF	1	100	255 se	c 6	00	RB	12	65	110
253 EF	1	100	255 se	c 6		DV	2	40	70

#### Morice North Planning Area

Reach#

1.0

ILP Map #

093L.046

ILP# 2941 Site

253

PROJECT Project Name: RFFHI within the Morice Forest District (tribs to Morice R.) Stream Name (gaz.): BULKLEY RIVER Project Code: 5270 WATERSHED Gazetted Name: Local Name: Dockrill Creek ILP Map#: 093L.046 ILP#: 2941 NID Map #: 093L.046 NID #: 20253 Reach #: Site #: 253 Field UTM (Z.E.N): .. Method: Site La: 150 Method: HC Access: V2 GIS UTM (Z.E.N): 9.640444.6037544 Ref. Name: Date: 2002/09/03 Time: 09:45 Agency: C172 Crew: SG/SH V Fish Crd?: Incomplete: CHANNEL Avg Mtd width width width width width width Avg width width width width Gadient % Mtd Channel Width (m): MS 20.20 22.50 14.60 16.70 12.90 16.30 17.20 Method I: C 3.88 3.0 5.0 Wetted Width (m): MS 13.50 14.10 13.80 14.90 11.70 14.90 13.82 Method II: 3.5 4.0 C Pool Depth (m): MS 0.40 0.20 0.40 0.40 0.35 No Vis.Ch.: Intermittent: Wb Depth: .5 .3 .2 Avg: 0.33 Method: MS Stage: L M H Dw: Tribs .: COVER Total: M Type: SWD LWD В DP CROWN CLOSURE U OV IV Amount S N D N 1-20% Loc: P/S/O: INSTREAM VEG: N A M V LWD: F DIST: C LB SHP: S RB SHP: U Texture: F G C B B R A Texture: F G C B B R A RIP: D RIP: D STG: YF STG: YF WATER EMS: Reg #: Temp: 8 Method: T4 Cond.: 40 Method: S3 pH: 6.9 Method: P2 Turb.: T M L C Method: GE Flood Signs: Abandon overflow cha Method: GE MORPHOLOGY 01 **B1 B2 B3** D1 D2 D3 Bed Material: Dominant: C Subdom: G D95: 65.0 D (cm): 25.00 ~ ~ Morph: RP DISTURBANCE **INDICATORS** Pattern: SI C1 C2 C4 C5 S1 S2 **S**3 **S5** Islands: N Coupling: DC Confinement: UN BR Bars: DIAG SPAN SIDE MID FSZ: HABITAT QUALITY Comments Spawning Habitat Poor - good substrate but poor spawning locations (extensive riffle) and holding habitats. OverWinter Habitat Poor - limited by lack of pool and extensive riffle areas. Rearing Habitat Poor - limited by lack of pool and overhead cover and high stream energy (extensive riffle). PHOTOS Photo Foc Lg Dir 99 F: 10 STD D Downstream photo of typical habitat, extensive riffle area 99 F 11 STD U Upstream photo of typical habitat, eroding bank in centre of photo.

### Morice North Planning Area

Reach # ILP Map #

ILP#

Site

0 093L.046

2941

	COMMENTS
Section	Comments
SITE CARD	Sampled downstream of bridge.
CHANNEL	S2

## **FDIS Fish Card**

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

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	Proje W		e: 460-		0000-0000				0-000-0	00-000			al: [	Dockrill Ci		2941 F	Reach#:	1 -
			5270							<b>.</b> p. n			ream	S				
	Fish F	Permit #	: 14	5269	Da	ate: 20	02/09/0	)3	To:	2002/	09/03	Ag	ency:	C172	Cr	ew: SG/SH	Resa	mple:
		300			際。			S	ITE	/ MI	ETHC	D		NOW.		200	200	
Site#	-	D Map	NIC		UTM:Zone	/East/N	lorth/M		MTD/N	_			Tur	_		Co	mment	
253	09	3L.046	202	53	interference of the second		-ye manijana			1	8 ETTI	40	L		() spendency	For High Page 1970a		
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Site#	EF	TD/NO	H/P	Date 2002/09		ne In 9:45	Date 2002/0		Time (	_			_		Com	ment		
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Site#	NO.	MTD/I	NO	H/P	End	1.08	Sec	Section .	ength	NO COLUMN	Vidth	de marco	tage	Frequ	Sender A	Pulse	Make	Mode
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Site#		MTD/I		H/P	Species		age	Age	e 1	Total #		(Min/M	_	FishAct	(		Comment	
253	E		1	1	DV	J	1		34/5	1	40	_	70 40	R				
253	E		1	1	RB	+ 5	-	-	-	12	65	_	10	R				
253	E		1	1	co	1			-	10	60		72	R			_	
September 1	rin (de	eg Sings	Ä.		First Table	9-38	IN	DIV	IDU		ISH	1,000		NEWS			Alexander of	Par Service
ite#	МТ	D/NO	H/P	Species	Length	Weigh	t Sex	Ma	-	Age		Vch#		enetic	Roll #	Frame#		ment
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253	EF	1	1	DV	70		U	IM		1	1							
253	EF	1	1	CO	65		U	IM										
253	EF.	1	1	co	71		U	IM				7-1						
253	EF	1	1	co	68	1.000	U	IM				2.00		1				
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253	EF	1:	1	CO	65		U	IM				111			150			
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No.	-	ection										Comm						



Site #253, Downstream photo of typical habitat, extensive riffle area. Roll #99, Frame #10, Date: 2002/09/03



Site #253, Upstream photo of typical habitat, eroding bank in centre of photo. Roll #99, Frame #11, Date: 2002/09/03

### Morice North Planning Area

Reach # ILP Map # ILP # 1.0 093L.046 2937

	Sand In Co.	STR	EAM	REF	EREN	CING			an - 54	
Gazetted Name:					Lo	cal Nam	e:			
Watershed Code: 00	0-000000-0000	0-0000-0000-0000-0	00-000-00	00-000-0	00-000		ILP Map #: 093L.0	46	ILP	#: 293
1.54		The state of the state of	F. 7	REA	CH	# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		200	E AL	* K
Reach #: 1.0		UTM(Zone/East/N	lorth): 9	630053	8037033	MATERIAL SEC		Sample	Type	Biased
Length (km): .61 Gradient (%): 3.1 US Elev (m): 580 Bars: None Side		Coupling: Decouple onfinement: Occasion Islands: NONE	d ally Conf	Mag	nitude: Order: 2 arian Vege			BGC	Zone: S ater: Absen	BS
The same	a 500	- M200		SIT			X-2	65-50	1. Ve. 1.	
Site #: 254 Site Length (m): 200	10,1110	UTM S UTM 9.640121.60370	015		Agency		Crew: SC	G/SH al Consu		002/09/03 race)
The second second		迎,A. 52%三载	C	HAN	NEL	Sec. 1	到底的 请	. 39		7 -10
No Vis.Ch.: V Inte	ermittent:		Avg	Min	Max	#		Avg	Min	Max
Dewatered:	Tribs.:	Channel Width (m):	0.00	0	0	0	Gradient %	3.00	3	3
Stage: Low		Wetted Width (m):	0.00	0	0	0	Pool Depth (m)	0.00	0	0 (
Med		Bankfull Depth (m):	0.00	0	0	0	Turk	idity.:	Turbid	Low
High	Temp (C):	pH:		C	onductivity		Tuic		oderate	Clear
		of the Spanish	MOR	PHO	LOGY			10%	S. W.	0.00
THE RESERVE THE PERSON NAMED IN STREET	57.	Doc /								
Bed Material: Domin		D95 (cm): D (cm):			Bars: Non	Sic	de Diagonal	Mid-	-channel L	Span Braid
					Bars: Non		de Diagonal L			-
Subdomi		D (cm):		DISTU						-
Subdomin		D (cm):		DISTU	RBANCE				D2 D3	-
Subdomin Channel Pattern: Coupling:		D (cm):		DISTUR	RBANCE ATORS [	01 E	31 B2 B3	D1	D2 D3	Braid
Subdomin Channel Pattern: Coupling: Confinement:		D (cm):		DISTUR	RBANCE ATORS [ C2 C3	01 E	31 B2 B3	D1	D2 D3	Braid
Subdomin Channel Pattern: Coupling: Confinement:		D (cm):	SWD	DISTURINDIC	RBANCE ATORS [ C2 C3	01 E	31 B2 B3 C5 S1 S2	D1	D2 D3	Braid
Subdomin Channel Pattern: Coupling: Confinement: Morphology: Total Cover:		D (cm): Islands:		DISTURINDIC C1 COVE	RBANCE ATORS [ C2 C3	01 E	31 B2 B3 C5 S1 S2	D1 S3	D2 D3	Braid
Subdomin Channel Pattern: Coupling: Confinement: Morphology:		D (cm): Islands: Type:		DISTURINDIC C1 COVE	RBANCE ATORS [ C2 C3	01 E	31 B2 B3 C5 S1 S2	D1 S3	D2 D3	Braid
Subdomin Channel Pattern: Coupling: Confinement: Morphology:  Total Cover: LWD: LWD Dist: Right Bank: Shap Left Bank: Shap	pe: eg: Deciduous	Type: Amount: Location: P/S/O: Texture: Fines Gr Stag	SWD	DISTURINDIC C1 LWC Cobble Cobble prorest	RBANCE ATORS [ C2 C3	C4 U Rocci Rocci	B1 B2 B3  C5 S1 S2  DP C	D1	D2 D3 S4 S	Braid
Subdomin Channel Pattern: Coupling: Confinement: Morphology:  Total Cover: LWD: LWD Dist: Right Bank: Shap Right Bank: Rip.Ve	pe: eg: Deciduous	Type: Amount: Location: P/S/O: Texture: Fines Gr Stag	SWD  avel avel avel avel avel avel avel avel	DISTURINDIC C1 LWC Cobble Cobble g forest	RBANCE ATORS C2 C3 B B B Boulder	O1 E C4 U	B2 B3  C5 S1 S2  DP C  k Manmade k Manmade	D1	D2 D3 S4 S	Braid  FSZ:
Subdomin Channel Pattern: Coupling: Confinement: Morphology:  Total Cover: LWD: LWD Dist: Right Bank: Shap Right Bank: Rip.Ve	pe: eg: Deciduous	Type: Amount: Location: P/S/O: Texture: Fines Gr Stag	SWD  avel avel avel avel avel avel avel avel	DISTURINDIC C1 LWD Cobble Cobble g forest	RBANCE ATORS [ C2 C3 ] ] ] ] ] ER   B   Boulder   Boulder	O1 E C4 U	B2 B3  C5 S1 S2  DP C  k Manmade k Manmade	S3 DV Algae	D2 D3 S4 S	Braid  FSZ:

#### Morice North Planning Area

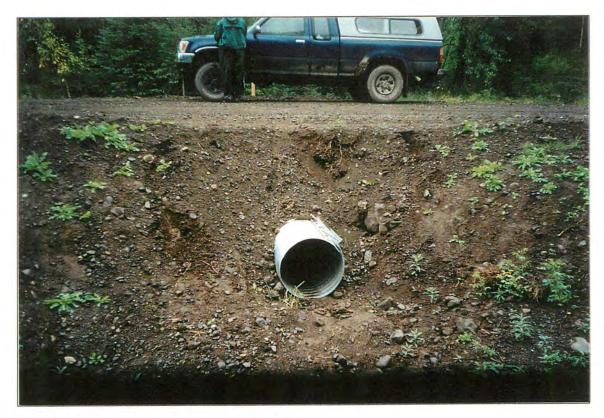
ILP Map # Reach# ILP# Site 1.0 2937 254 093L.046

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	Proje Stream Nar ect Watersh	ne (gaz.	The second	LEY RI	VER						00	į	Project C	ode:		5270	
1000	· 清新	114	South Control				<b>高等特</b>	WAT	ERS	HED	<b>有型</b>				ig av		1 1 1 1 1 0
Gaze	etted Name										Lo	cal Nam	e:				
Field UT	rshed Code ILP Map# TM (Z.E.N) TM (Z.E.N)	: 093L.0 :	46	l	LP #: 29			000-000- ap #: 09		N	Site Loref. Name	g: 200	Read	ch #: Method: HC	1.0	Site #: Access: V2	
	Da	te: 200	2/09/03	7	Time: 11	:30	1	Agency:	C172	C	Crew:	SG/SH		Fish Crd	?: 🗌	Incomp	lete:
e - 1) - 11/4		- 43	- '96'.	10.5	"		-10 TPS	CH	ANN	EL	ALK 251)		(ed.7) =			旋步增加	1 - 7. 1
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-	pH: lood Signs:							od: P2			7	Turb.: T	M	ПЬПС	П	Method:	GE
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Be	D95: Pattern:	Ţ	Dominani D (cm)			Subdom Morph			DISTURE INDICA		01 C1	B1 C2			D2 D S1 S		64 S5
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	FSZ:								В	ars:	N	SIDI		DIAG	MID	SPAN	BR
***	V. 1996 40	- *	450		A South	- TUT		FEA	TUR	ES		151				3/1 mm	N 155 W
NID Map	NID T	уре	Hgt	Method	i L	g N	Method	ALLES WATER	Photo		The second second	AirP			UTM (Z	Z/E/N)	Method
093L.046		V	.4	MS		2	HC	R: 99	9 F:	12 L	.:		#:	9.	640211.	6036999	GIS
Comment	s: Upstream	at outle	et - newly	installe	d CV.												1
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	Name									C	commen	ts					
10 (2)	Other		No Fis	n Habita	t due to	No Visit	le Chan	0.071	ото		Sec. 5 (1) 100	AT 12		11.000	WAR SHOW	Contract to	
	A.			alf. I'v			Sec. 16.		010	3						THE STATE OF	
Photo		Fo	c Lg		D	ir							Commer	its			

### Morice North Planning Area

Reach# ILP Map # ILP # Site 1.0 093L.046 2937 254

	13.5		Sales .	\$11. A		PHOTOS
	Photo			Foc Lg	Dir	Comments
R:	99	F:	12	STD	U	Upstream photo of newly installed culvert.
?:	99	F:	13	STD	D	Downstream photo of No Visible Channel.
₹:	99	F:	14	STD	U	Upstream photo of No Visible Channel.
				September 1985		COMMENTS
		Sec	tion			Comments
		CHAN	INEL	NCD - No cl	annel observed 1	100 m downstream and upstream of road crossing. No signs of alluvium or scour.



Site #254, Upstream photo of newly installed culvert. Roll #99, Frame #12, Date: 2002/09/03



Site #254, Downstream photo of No Visible Channel. Roll #99, Frame #13, Date: 2002/09/03



Site #254, Upstream photo of No Visible Channel. Roll #99, Frame #14, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

1.0

093L.046

			STR	EAM	REF	EREN	CING				
Gazetted Na				100100			ocal Name:				
Watershed C	ode: 000-00	0000-00000-00	000-0000-0000-00				IL	P Map #: 093L.04	16 II	_P #:	2912
					REA	СН	teng sa Maria	the standard	21, 15, 11, 11, 11		
Reach #: 1 Length (km) Gradient (%) US Elev (m)	: .56 : 3.8 : 582	Confin	UTM(Zone/East/N upling: Decouple tement: Occasion slands: NONE	d	Ma Ri	gnitude: Order: parian Veç		c	Sample Type: BGC Zone: Open water: Ab	25.7	om
Bars: None	✓ Side L	Diagonal	Mid-channel _	Span		Iraid 🗌	Landuse: N	lot Specified			
Site #:	255	Field UTN	1		SIT		y: C172	Crew: SC	G/SH Date:	2002/09	9/03
Site Length	(m): 150	GIS UT	M 9.640238.60367	745		Agend	cy Name: Tri	ton Environmenta	l Consultants (7	Геггасе)	15.60
		2-16		C	HAN	NEL	The art	161			- 13 B
No Vis.Ch.:  Dewatered:  Stage: Low  Med	<b>v</b>	ribs.:	hannel Width (m): Wetted Width (m): ankfull Depth (m):	2,25	Min 3.6 1.8 0.2	5 2.6 0.5	# 6 6 3	Gradient %: Pool Depth (m): Turb	Avg Min 2.38 2 0.25 0.200 idity.: Turbid		# 4 4 Low
High		emp (C): 9	pH: 6.8		1	Conductivit	y: 100		Moderate		Clear
Channel Pa Coup Confiner	Subdominant: ttern: Sinuou pling: Decoup ment: Unconf blogy: RP	s bled	D95 (cm): 30 D (cm): 12 Islands: No	2.00	7.0	RBANCE CATORS C2 C3	01 B1	B2 B3  C5 S1 S2	Mid-channe		pan [_]
					VOS	ED					75
Total Cover: I	Moderate	SW-HPIS	Type:	SWD	LWI		TU	I DP I C	ov I iv	1	الشلا
LWD:		le	Amount:	T	T	N	S		D N	FSZ	z: 🗌
Right Bank: Left Bank: Right Bank: Left Bank:	Shape: S Shape: S Rip.Veg: D Rip.Veg:	loping (g Text	ure: Fines Gr	0.00	Cobble apling s		er Rock	Manmade Manmad	i	rown Clos	
					FIS	H . Jak	AT WELL		- 001	e e	n- 1/h
Site Number	Capture Method	Number of Events	Length fished (m)	Tota Time		Voltage	Species	Total Fish	Minimum Length (mm)		mum h (mm)
255 255	EF EF	1	150 150	185 se		300 300	RB CO	9	35 75	-	10
		-						1			

#### Morice North Planning Area

Reach # ILP Map #

Comments

ILP#

Site

1.0 093L.046 2912 255 PROJECT Project Name: RFFHI within the Morice Forest District (tribs to Morice R.) Stream Name (gaz.): BULKLEY RIVER 5270 Project Code: WATERSHED Gazetted Name: Local Name: ILP Map#: 093L.046 II P# 2912 NID Map #: 093L.046 NID#: 20255 Reach #: 1.0 Site #: 255 Field UTM (Z.E.N): .. Method: Site Lg: 150 Method: GE Access: V2 GIS UTM (Z.E.N): 9.640238.6036745 Ref. Name: Crew: SG/SH Date: 2002/09/03 Time: 11:45 Agency: C172 V Incomplete: Fish Crd?: CHANNEL Avg Mtd width width width width width width width width width Gadient % Mtd width Avg Channel Width (m): MS 4.10 5.00 4.10 3.80 3.60 3.60 4.03 2.38 Method I: 2.0 2.5 C Wetted Width (m): MS 2.20 1.80 2.10 2.60 2.60 2.20 2.25 Method II: 3.0 2.0 C Pool Depth (m): MS 0.30 0.30 0.20 0.20 0.25 No Vis.Ch.: Intermittent: Wb Depth: .2 .4 .5 Method: MS Stage: L M W H Avg: 0.37 Dw: Tribs.: COVER Total: M CROWN CLOSURE SWD LWD В U DP OV IV Type: Amount S N D N 1-20% Loc: P/S/O: INSTREAM VEG: N 🗸 A 🗌 M 🔲 V 📋 LWD: N DIST: NA RB SHP: S Texture: F G C B B R A Texture: F G C B R A RIP: D RIP: D STG: PS STG: PS WATER EMS: Req #: Temp: 9 Method: T4 Cond.: 100 Method: S3 pH: 6.8 Method: P2 Turb.: T M L C C Method: GE Flood Signs: None Method: GE MORPHOLOGY 01 **B1 B2 B3** D1 D2 Bed Material: Dominant: C Subdom: G D95: 30.0 D (cm): 12.00 Morph: RP DISTURBANCE **INDICATORS** Pattern: SI C1 C2 C3 C5 SI **S**3 **S5** Islands: N Coupling: DC Confinement: UN SIDE DIAG Bars: MID SPAN BR FSZ: HABITAT QUALITY Name Comments Spawning Habitat Fair - good gravel with riffle / pool sequencing. OverWinter Habitat Poor - shallow pool depths Rearing Habitat Moderate / Good - undercut bank cover and deeper run habitat. PHOTOS

Downstream photo of typical habitat

Upstream photo of typical habitat with SWD

15

Foc Lg

STD

STD

Dir

D

U

Photo

99 F: 16

R: 99 F

R:

### Morice North Planning Area

Reach # ILP Map # ILP # Site 1.0 093L.046 2912 255

	COMMENTS
Section	Comments
SITE CARD	Abundant freshly emerged rainbow trout observed throughout site.
CHANNEL	S3

## **FDIS Fish Card**

### Morice North Planning Area

Watershed Code:

000-00000-00000-00000-0000-0000-000-000-000-000-000

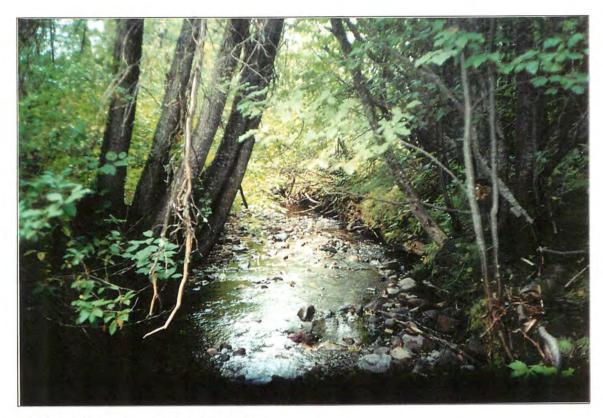
Reach #

ILP Map #

ILP#

000-000-000-000-000 1.0 093L.046 2912

		70						W	ATERI	3 O D 1	Y India	7	9 R/U				
	Projec WS Waterb		: 460-0 : 000-0	000000-00				00-000-0	000-000-000 000-000-000 P Map #: 0	-000 93L.046	Loca S Lake/Str			#: 2	2912 Lake F	Reach#: 1 from Date:	
	Fish P	ermit#:	14	5269	D	ate: 200	2/09/03	3	To: 2002/	09/03	Age	ency:	C172	Cre	ew: SG/S	SH Resan	ple:
2	14	700		333	100	N. 5 - 5	o will	SII	E / M	THO	O O	7.1	3.5	X. (1)			
Site#	NIE	О Мар	NID	)#	UTM:Zone	e/East/No	rth/Mth	d N	TD/NO	emp	Cond	Tur	bid			Comment	
255	093	3L.046	202	55				GPU E		9	100	С					
30, T	<i>X</i> 3		- Jr.	3.40				1. GI	AR S	ETTI	NGS	133		MILES.		March (Fac	
Site#	_	D/NO	H/P	Date			Date (		ime Out					Com	ment		
255	EF	1	1	2002/09			2002/09		11:45								
200				10.1	C	. ELE	CT	ROFI	SHER	SPE	CIFI	CA	TION	S			- (0) (N)
Site#	_	MTD/N	1	H/P	En		Sec	Len		Vidth		tage		uency	Pulse	Make	Model
255	E	F	1	1	0		185	150	0.0	4.0	3	00	6	0	6	SMITH	12B
1	16		75	13.9.7	3 3 10		E" 1" 8	FIS	H SUN	MAF	RY	1 2			20-00	1001	
Site#	T	MTD/N	10	H/P	Species	s Stag	je T	Age	Total #	Lgth	(Min/M	ax)	FishAc	t I		Comment	
255	EF	F	1	-1	co	J			6	7:		87	R	- AU			
255	EF		1	-1	RB	J			4	8	_	10	R	- 14: ==			
255	EF	F	1	1	RB	F			5	3	-	45	R		bserved w		
W	52 00			34(-73)			SCHOOL STATE	40002235	DUAL	K. R. P. L. S. L.	30.000 at 20.000	200	SEP SE	CONTRACTOR OF THE PERSON	H CONTROL	THE PERSON NAMED IN	- L
Site#	MIL	O/NO	H/P	Species	Length	Weight	Sex	Mat	Age Str/Smpl		Vch#		enetic Smpl#	Roll #	Frame#	Comm	ent
255	EF	1	1	RB	35		U	IM						99	17	Photo of juvenile up rainbow	/ buttone
255	EF	1	1	RB	40		U	IM			I					40 RB fry shocked observed but on measured.	
255	EF	1	1	RB	37		U	IM			1						
255 255	EF	1	1	RB RB	40 35		U	IM IM		-							
255	EF	1	1	RB	110		U	IM		-	-						
255	EF	1	1	RB	112		U	IM		-	1						
255	EF	-1	1	RB	85		U	IM					-				
255	EF	1	1	RB	90		U	IM						100			
255	EF	1	1	co	75		U	IM									
255	EF	1	1	co	87	-	U	IM						T T	100		
255	EF	1	1	co	85	-	U	IM						-			
	EF	1	1	CO	78		U	IM					1				
255 255	EF	1	1	co	85		U	IM									



Site #255, Downstream photo of typical habitat. Roll #99, Frame #15, Date: 2002/09/03



Site #255, Upstream photo of typical habitat with SWD. Roll #99, Frame #16, Date: 2002/09/03



Site #255, Photo of juvenile / buttoned up rainbow trout. Roll #99, Frame #17, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

1.0

093L.046

Reach #: 1.0         UTM(Zone/East/North): 9.640741.6035890         Sample Type: Random Reach #: 1.0           Length (km): .77         Coupling: Decoupled Magnitude: 2         BGC Zone: SBS Open water: Absent           Gradient (%): 2.7         Confinement: Occasionally Conf US Elev (m): 582         Islands: NONE Riparian Vegetation: Coniferous           Bars: None ✓ Side Diagonal Mid-channel Span Braid Landuse: Not Specified         Landuse: Not Specified           SITE           Site #: 256         Field UTM         Agency: C172 Crew: SG/SH Date: 2002/09/C Agency Name: Triton Environmental Consultants (Terrace)           Site Length (m): 100         GIS UTM 9.640685.6036309         Agency Name: Triton Environmental Consultants (Terrace)           CHANNEL           No Vis.Ch.: ✓ Intermittent: Dewatered: Tribs: Channel Width (m): 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5.00 THE 5.05		and a Many	STR	EAM F	REF	ERE	NCIN	G	Ug "				
Reach #: 1.0	Gazetted Name:							Local N	ame:					
Reach #: 1.0	Watershed Code: 000-0	00000-00000	)-00000-0000-	-0000-000	0-000-000	-000-0	000-000		ILP	Map #: 093L.04	16	ILI	P#:	2910
Length (km): .77					R	EA	CH			The Wales		1	質別	
Site #: 256	Length (km): .77 Gradient (%): 2.7 US Elev (m): 582		Coupling: D infinement: O Islands: N	ecoupled ccasiona ONE	I illy Conf	Mag	gnitude: Order: parian V	2 2 egetatio		o erous	BGC	Zone:	SBS	om
Site Length (m): 100   GIS UTM 9.640685.6036309   Agency Name: Triton Environmental Consultants (Terrace)	SEE WAR			(AC)	- Carl	SIT	E	F August 1	建造	The subsection	10	The		Vicin 1175
No Vis.Ch.:				35.603630	09		-				0.00			9/03
Dewatered:		1 1 10		11	CH	AN	NEL.			(	3 9		,	
Bankfull Depth (m): 0.00 0 0 0 0 Turbidity.: Turbid Lighty   Lighty   Temp (C): pH: Conductivity: Moderate   Cke	Dewatered:				0.00	0	0	0	E		4.50	4	5	# 2 0
Description	Med 🗌	Temp (C):			0.00			-		Turbi				Low Clear
Subdominant:   D (cm):   Brail			- X	11-7-3	MORE	НО	LOG	Y	100		20			17, 20
Coupling: Confinement: Confinement: Morphology:  COVER  Total Cover: Type: SWD LWD B U DP OV IV Amount: LWD:  COVER			5.57				Bars: No	on 🗌	Side [	Diagonal	Mid	-channel	_	ipan _
Total Cover: Type: SWD LWD B U DP OV IV  Amount: Decation: P/S/O: Control of the	Coupling: Confinement:		Isla	ands:	1	INDIC	ATORS							
LWD: Amount:	25,75	200 miles			C	OVI	ER -	A 9 /			- 8x	, J.		100
	LWD:	I		mount:	SWD	LWC		3	U	DP C	ov	IV	FS	z: 🔲
Right Bank: Shape: Texture: Fines Gravel Cobble Boulder Rock Manmade Crown Closu Left Bank: Shape: Texture: Fines Gravel Cobble Boulder Rock Manmade Left Bank: Rip.Veg: Stage: Mature forest Left Bank: Rip.Veg: Stage: Mature forest Instream Veg: None Algae Moss Vascu	Left Bank: Shape: Right Bank: Rip.Veg:	1		Stage	ivel C e: Mature f	obble orest orest	Boul	der	Rock _	Manmade	Ngae [			
FEATURES		17,112			( -3)	F	EAT	JRES	17.7				4 1	1.00
	093L.046 25256 C	V .4	MS			-			L:	AirPhot				M (Z/E/N 688.6036

### Morice North Planning Area

Reach #

ILP Map #

093L.046 256 2910

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his second	A. N	13.0	関係	X 5.57		1,100 m	加度过	WAT	ERS	HED	3 3 2 3 7	H 7 - 18	14 CE		Valoria	<b>经历亿层</b>	le -	15 h 32 m
Watershe	.P Map#: (Z.E.N):	093L.04	16	I	P#: 29			000-000- ap #: 09		N	Loc ID #: 20 Site Log ef, Name	g: 100	e: Reac	h#: Method	1.0 d: GE		Site	#: 256 '2
100	D.1	- 0000	1/00/00			00		· William						15.7	2.12		1.00	
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	Pattern:								INDICA.	IURS	C1	C2	C3 C	4 C5	S1	S2	S3	S4 S5
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1018 Page 3	v dispers	380			-300-			PH	OTO	S		52			10-	Aller S		
Photo		For	c Lg	370 1850	D	ir	T		A 10.28				Comment			TES.	E STATE	
1,110,0	-	1.00	9		U								COMMISSING	3				

### Morice North Planning Area

Reach# ILP Map # ILP # Site 1.0 093L.046 2910 256

		75 Y )	V 197	Y PERMIT		PHOTOS								
	Ph	oto		Foc Lg	Dir	Comments								
R:	99	F:	18	STD	U	Upstream photo of NVC with SH in photo (photo taken upstream of road crossing).								
R:	99	F:	19	STD										
		Sand			Parent Contract Contr	COMMENTS								
		Sec	ction			Comments								
_	CHANNEL			NCD - no evi	NCD - no evidence of alluvium or scour observed for 50 m upstream of downstream culvert (newly installed).									



Site #256, Upstream photo of NVC with SH in photo (photo taken upstream of road crossing). Roll #99, Frame #18, Date: 2002/09/03



Site #256, Upstream photo of 0.4 x 12 m culvert (with book). Roll #99, Frame #19, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

1.0 093L.046

2868

STREAM REFERENCING **Gazetted Name:** Local Name: ILP Map #: 093L.046 ILP#: 2868 REACH Reach #: 1.0 UTM(Zone/East/North): 9.641468.6035171 Sample Type: Length (km): 1.13 Coupling: Decoupled Magnitude: 130 BGC Zone: SBS Gradient (%): 1.4 Confinement: Occasionally Conf Order: 4 Open water: Absent US Elev (m): 581 Islands: NONE Riparian Vegetation: Mixed C/D Bars: None 🗸 Side 🗌 Diagonal 🗌 Mid-channel 🗌 Span 🔲 Braid 🔲 Landuse: Not Specified SITE Site #: 257 Field UTM .. Agency: C172 Crew: SG/SH Date: 2002/09/03 Site Length (m): 175 GIS UTM 9.641741.6035459 Agency Name: Triton Environmental Consultants (Terrace) CHANNEL No Vis.Ch.: Intermittent: Avg Min Max # Min Avg Max # Dewatered: Channel Width (m): Tribs.: 8.23 6.400 9.9 Gradient %: 6 2.63 3.5 4 Wetted Width (m): 6.02 5.6 6.5 6 Pool Depth (m): 0.48 0.100 1.600 5 Low Bankfull Depth (m): 0.67 0.5 1 3 Med V Low Turbidity.: Turbid High Temp (C): 8 pH: 6.8 Conductivity: 50 Moderate Clear V MORPHOLOGY Bed Material: Dominant: Cobble D95 (cm): 30.00 Bars: Non Side Diagonal Mid-channel V Span Subdominant: Gravels D (cm): 15.00 Braid \_ Channel Pattern: Irregular, Wandering Islands: None **INDICATORS** Coupling: Decoupled Confinement: Unconfined C1 C3 C4 C5 S1 S2 S3 **S4** 55 Morphology: RP Riffle Pool COVER Total Cover: Moderate Type: SWD LWD В DP OV IV Amount: S N D N LWD: Few Location: P/S/O: ~ LWD Dist: Evenly Distributed FSZ: Shape: Sloping (g Texture: Fines ☐ Gravel ✔ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐ Right Bank: Crown Closure Texture: Fines ☐ Gravel ✔ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐ Left Bank: Shape: Sloping (g 1-20% Right Bank: Rip.Veg: Mixed C/D Stage: Young forest Left Bank: Rip.Veg: Stage: Young forest Instream Veg: None 🗸 Algae 🗌 Moss 🗌 Vascular FISH Site Number Capture Number of Length fished Total Voltage Species Total Minimum Maximum Method **Events** (m) Time Fish Length (mm) Length (mm) 257 EF 175 350 sec 400 RB 7 70 95 257 EF 1 175 350 sec 400 DV 50 50 1 257 EF 175 350 sec 400 CO 5 65 85

Morice North Planning Area

Reach#

ILP Map#

ILP#

Site

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Project Stream Name Project Watershe	e (gaz.):	BUL		VER						00	F	Project C	ode:			5270	
				200	Wiel		WAT	ERS	HED		18 70	00.3x				۱۹۱۸ خالل	
Gazetted Name: Watershed Code: 0 ILP Map#: 0	93L.046			P#: 28	868		000-000- ap #: 09			ID#: 20			ch #:	eek 1.0 nod: HC	)	Site	e #: 257
Field UTM (Z.E.N): GIS UTM (Z.E.N): 9		1.6035	459	, tv	Method:				R	Site Lef. Name			Metr	100: HC		Access:	V2
	: 2002/			ime: 13:	:00		Agency:	C172	c	crew;	SG/SH		Fi	ish Crd?:	V	Inco	mplete:
						124C,	CH	ANN	EL	作能				William.		-24	
(VC_======	Mtd	width	width	width	width	width	width	width	width	width	width	Avg			Gadie	nt % N	Atd Avg
Channel Width (m): Wetted Width (m): Pool Depth (m):	MS 6	5.40 5.60 0.20	7.90 6.50 1.60	9.40 6.30 0.30	9.90 6.00 0.20	7.60 5.60 0.10	8.20 6.10					8.23 6.02 0.48			3.0		C 2.63
Wb Depth:	1.0	.5	.5		g: 0.67		Method:	MS	SI	age: L	ПМ			Vis.Ch.: Dw:		Intermitter Tribs	
COVER			Tota	al: M							_						
Type:	SWD	LV	ND	В	U	DF	,	ov	IV	CR	OWN CL	OSURE					
Amount:	T	1	S	T	T	N		D	N	1	1	-20%					
Loc: P/S/O:	<b>V</b>	V			<b>V</b>		V			INS	TREAM	VEG:	NV	A		v 🗆	
LWD: F LB SHP: S Texture: RIP: N STG: Y	S F 🗍 M	G 🗸	l c 🗆	B 🗍	R 🗍 A						RB SHP Texture RIP STG	: F ☐ :M	G 🗸	g c 🗆	В	R 🗌 A	
No. and the second second		**				12.5	W	ATE	R		A 60	eller:					
EMS: Temp: 8 pH: 6 Flood Signs: A	.8	chann	nels			Meth	od: T4 od: P2 od: GE			C	eq #: ond.: 50 furb.: T	_ м	_ L	_ c •		Method	
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Bed Material:  D95: 3  Pattern: If Islands: N  Coupling: D  Confinement: U  FSZ:	30.0 R N OC	ominan D (cm	nt: C a): 15.00		Subdom Morph			DISTURE INDICA B		01 C1	B1 C2 SID	C3		D1 D2 C5 S1 MI	I		\$4 \$5
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Name		生物學生	4145	- W. W	J-11/20			1000		commen	ts	<u> </u>	:#!=		H	् <u>वि</u> श्व	
Spawning Habitat		Good	- due to	abundar	nt gravel	and spa	wning lo	cations									
OverWinter Habitat		_	occasion														
Rearing Habitat		Fair -	due to at	oundant	side cha	nnel hal	_			poor o	erhead	cover.					
The september of		I	4-17	1.00	111 51		PH	ото	S							SULAT	
Photo	Foo	Lg			)ir							Comme					
R: 99 F: 20	ST				U	_			ypical ha			channe	ıl.				
R: 99 F: 21	ST	D			D	Dov	vnstrean	n photo o	of typical	habitat.							

Morice North Planning Area

Reach#

ILP Map #

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Site

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093L.046

2868

	COMMENTS
Section	Comments
CHANNEL	S2

### **FDIS Fish Card**

### Morice North Planning Area

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Reach#

ILP#

Watershed Code:

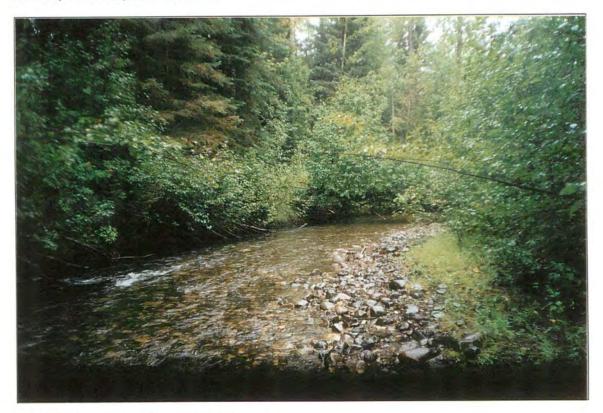
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	9-63			7-24-04			No.	in Fish	WATE	RBOD	Y	10.00	3222 Y.W	DE THE WAY	15/2/1979	THE STATE OF THE	185
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	P	roject I	D: 5270	)							Lake	Stream	n: S		Lake Fr	om Date:	
		2		ASSAY		Fig. 1.5.5		-	87.55					_			-
	Fish	Permit	#: 14	15269	D	ate: 200	2/09/03	3	To: 20	02/09/03		Agency	r: C172	Cn	ew: SG/SI	H Resai	mple:
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257	+	EF I	1	1	DV	F	ge	Age		_	50	50	R	4		Comment	_
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ite#	M	TD/NO	H/P	Species	Length	Weight	200	Mat	STATE OF BUILDING	lge	Vcl	COMMUNITORY	Genetic	Poll#	Frame#	Comr	nent
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257	EF	1	1	RB	70		U	IM		_	+	-	-			-	-
257	EF	1	1	RB	78		U	IM	1		+	_	1				
257	EF	1	1	RB	84		U	IM			-	+	1				
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-	EF	1	1	DV	50	_	U	IM	1	_	-	-	_	-	1		



Site #257, Upstream photo of typical habitat with braided channel. Roll #99, Frame #20, Date: 2002/09/03



Site #257, Downstream photo of typical habitat. Roll #99, Frame #21, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

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Gazetted Name:				Loc	al Name:					
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Reach #: 1.0 Length (km): .45 Gradient (%): 9.3 US Elev (m): 621 Bars: None  Side  Diago	UTM(Zone/East/N Coupling: Decoupled Confinement: Frequently Islands: NONE Onal Mid-channel	Confin	Magr	nitude: 1 Order: 1 rian Veget	ation: Mixe anduse: No	od C/D	. 7.77	Type: Zone: ter: Abs		ed
	The state of the s	NA TEN	SITE			The west of the	1100	1 814	2"	No.
	eld UTM GIS UTM 9.642270.60334	33		Agency: Agency		Crew: SG on Environmenta	/SH I Consu		2002/09 errace)	9/03
	13-12-X, 1132	CH	ANN	EL		Est, est				319
No Vis.Ch.: ✓ Intermittent:		Avg	Min	Max #	<b>#</b>		Avg	Min	Max	#-
Dewatered: Tribs.:	Channel Width (m):	0.00	0	0 (		Gradient %:	7.00	7	7	2
Stage: Low	Wetted Width (m):	0.00	0	0 (		Pool Depth (m):	0.00	0	0	0
Med	Bankfull Depth (m):	0.00	0	0 0		Turbi	ditv.:	Turbid	1	Low
High Temp (C	): pH:		Co	nductivity:		(0.00)		oderate	=	Clear
		MORF	HOL	OGY	2 (08.		× 30		1 5	
Bed Material: Dominant: Subdominant:	D95 (cm): D (cm):		В	ars: Non	Side	Diagonal	Mid-	channel	_	ipan 🗌 Iraid 🔲
Channel Pattern: Coupling: Confinement: Morphology:	Islands:	10	ISTURI INDICA C1 (		O1 B1 C4 C:	B2 B3 5 S1 S2	D1 S3	D2 D S4	S5	
The same to the same of the sa	- 10 y - 10 y - 10 y	C	OVE	R	-/(-)	NO ASTOR				- 1115
Total Cover:	Type:	SWD	LWD	Тв	I U	DP I O	v T	IV		-
	Amount:	0110	211,12		-	D. 0	•	-		
LWD: LWD Dist:	Location: P/S/O:								FSZ	z: 🔲
Right Bank: Shape: Left Bank: Shape: Right Bank: Rip.Veg: Mixed C/l Left Bank: Rip.Veg:	Texture: Fines Gra		ling sta	ge ge I	Rock Rock	Manmade Manmade Manmade Manmade Manmade A	lgae _		Own Clos	sure
	" In the second		<sub>o</sub> F E	ATUR	ES			5	1	E Wile
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Morice North Planning Area

Reach #

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2857

		The same			( N)		PI	ROJE	СТ	*		3 E (SH) - (				
Proje Stream Nar Project Watersh	ne (gaz	.): BULF	KLEY RI	VER				to Morice		00	-	Project Co	ode:		5270	
		John St.			<b>新加州</b>		WA:	TERS	HED				1815	n And		
Gazetted Name Watershed Code ILP Map# Field UTM (Z.E.N) GIS UTM (Z.E.N)	: 000-00 : 093L.0	)46	1	LP#: 28				0-000-000 93L.046	1	Localidation Local	g: 100	e: Read	ch #: Method	1.0 d: HC	Site Access:	e #: 258 V2
Da	te: 200	2/09/03		Time: 13	:46		Agenc	y: C172	3	Crew:	SG/SH		Fish	Crd?:	Inco	mplete:
CA PROPERTY IS		- 1 - 200		12	Eugh.	3/	C	HANN	EL	SOF W		7º	- 11			er situal k
	Mtd	width	width	width	width	width	width	n width	width	width	width	Avg	1	G	adient %   N	Atd Avg
Channel Width (m):	MS											0.00	Met	thod I: 7.	0 7.0	C 7.00
Wetted Width (m):												0.00	Meth	hod II:		С
Pool Depth (m):	MS			_								0.00	No V	/is.Ch.:	Intermitte	nt:
Wb Depth:				Avg	g: 0.00		Method	: MS	S	tage: L	ПМ	ПНП		Dw:	Trib	
COVER			Tot	al:							_					
Type	SWI	LV	VD	В	U	DF	-	OV	IV	CR	OWN CI	OSURE				
Amount																
Loc: P/S/O										INS	TREAM	VEG:	N D	M	_ v _	
LWD			D	IST:												
LB SHP											RB SHP					
Texture		G	СП	ВП	RITA								G	СПВ	ROA	
RIP		1 11									RIP					
STG											STG					
	200	_		= = 17 16	CWARTER	105 107 10		WATE	Pris all	WWW.	AND SOUTH	NAME OF STREET	-	-		
Fuc	100	10.34			80 3		15-1	NATE	K				-	4121	0,0	
EMS:						Meth	od: T	1			eq #: ond.:				Method	+ 53
pH:						100000	od: P					- 11	_ v =	- 0 -		
Flood Signs:							od: GE				urb.: 1	□ w [	] - [	C	Method	d: GE
		7.56		~~~		N	OR	PHOL	OGY		hir es	all the per	15.38	ET ST	- i- ii	
D-4 M-4-4-1		Danilana			0.1.4					01	B1	B2 E	33 D1	D2	D3	
Bed Material: D95:		Dominan D (cm			Subdom						ПП	ПП	TIF			
		D (OIII)	,		WOIP			DISTURE		04		00 0		- 04	00 00	04 05
Pattern: Islands:								II LEIGH	10110	C1	C2	C3 C	24 C5	S1	S2 S3	S4 S5
Coupling:																
Confinement:																
FSZ:								В	ars:	N	SID	E I	DIAG	MID	SPAN	BR
PX-W			770	To Valley		100	FF	ATUR	EC		-		1.4		1.0000000000000000000000000000000000000	
NID Map   NID	Turno I	Hat I	Motho	4	~	Method		Photo			AirP	hoto	(4) 建	LITA	/ (Z/E/N)	Method
	Type CV	Hgt .4	Metho			GE	R:		24	L:	AllP	#:	-		62.6033390	GIS
Comments: Culvert						-		انات		-		11				1
V 1000 (100)	12.7	1000		No.	1-6-3-3	HA	BIT	AT Q	JALI	TY	The last		15/12=	100	7 94 3	
Name		No. of Lot	11 45		100		200		SEENING.	Commen	ts	Market S		Jan Jilla	7	35 1
Other		No hal	oitat due	to No V	isible Ch	nannel.										
		及研鑽		<b>成</b>			P	ното	S			20,27			1277	- JIE
Photo	-	oclo	and the second second		Vie .	CONTRACT STATE	STREET, SQUARE, SQUARE,				S S S S S S S S S S S S S S S S S S S	Common	to			

### Morice North Planning Area

Reach# ILP Map # ILP#

Site

093L.046

2857

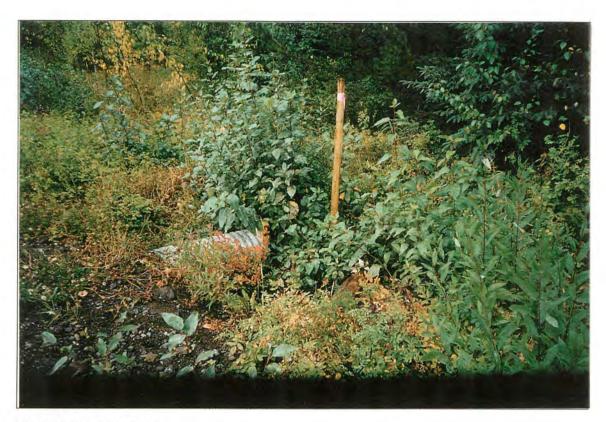
	Ph	oto		Foc Lg	Dir	Comments								
R:	99	F:	22	STD	D	Downstream photo of scoured channel (Dry).								
R:	99	F:	23	STD	U	Upstream photo of scoured channel (Dry).								
R:	99	F:	24	STD	X	Photo of culvert.								
				The second		COMMENTS								
		Sec	tion			Comments								
	- 2	SITE	CARD	NCD <100 r	n of channel (cha	nnel widths of 0.3, 0.25, 0.4 within 20 m below road crossing).								
_	CHANNEL			Scour and a	Scour and alluvium visible only for 20 m below road crossing. No channel observed in rangeland upstream.									



Site #258, Downstream photo of scoured channel (Dry). Roll #99, Frame #22, Date: 2002/09/03



Site #258, Upstream photo of scoured channel (Dry). Roll #99, Frame #23, Date: 2002/09/03



Site #258, Photo of culvert. Roll #99, Frame #24, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

2.0

093L.047

						STR	EAM	REF	ERE	NCIN	G		-7		90
Gazetted N Watershed	201111111111111111111111111111111111111	000-000	0-000	0000-00	0000-0000	-0000-00	00-000-00	0-000-	000-000	Local N		Map #: 093L.0	47	ILP#:	3028
		ad:	P A		12 70			REA			- 300	(= 1/2 (t), -1	Wante Mark		5020
Reach #: Length (km Gradient (% US Elev (m	): .98 ): 2.6 ): 608			Confir	UTM(Zone oupling: P nement: C Islands: N	artially C	couple ally Conf	Ma Ri	2.6032742 Ignitude: Order: parian Ve	10 3	n: Mixe		Sample Type BGC Zone Open water:	e: SBS	ased
Bars: None	✓ Si	de L	Diag	onal _	Mid-cha	nnel [_	Span		Braid	Land	use: N	ot Specified		100	SC440-30
Site #	17120	0		eld UTI	и М 9.64258	7.60333	32	SIT	Ager	ncy: C17		Crew: So		te: 2002 s (Terrace	CF-04-F-0
					in Sielle		C	HAN	NEL	A WAY	4 1		到底"到	100	- 14.6
No Vis.Ch.: Dewatered: Stage: Low	V	termitte Tril	ent: [		Channel W Wetted W Bankfull De	idth (m):	Avg 2.38 0.00 0.33	Min 2.1 0 0.3	Max 2.700 0 0.4	# 6 0 3	E	Gradient % Pool Depth (m)	: 0.00	5 0	0
Med High	=	Te	mp (C	_		H:		1	Conductiv	rity:		Turb	oldity.: Turl Modera		Low
The same	Sal.	Jan 1		321		A CONTRACTOR	MOR	PHO	LOG	Y			76-5-30	6	
Confine	upling: Pement: Cology:	ccasio	-	onfine		nds: Nor			RBANCE CATORS C2 (	01 C3 C4	B1 4 C	B2 B3 5 S1 S2	D1 D2 S3 S4	D3 S5	
		7	1000			42.	C	OV	ER				F 7. 1	his is	25.3
Total Cover:	Few				A Location:	Type: mount: P/S/O:	SWD	LWI			U		S N		
LWD Dist: Right Bank: Left Bank: Right Bank: Left Bank:	Sha	ape: Slo ape: Slo /eg: Min	ping (	g Text	ture: Fines	Gra	avel (	Cobble Cobble forest	Bould	der 🗸 F	Rock [	Manmade Manmade Seg: None	Algae  Mo	Crown C	SZ: losure -20% ascular
all the second				200	11.00	XI		F	EATL	IRES		- Sh. 1 4	7,7	S-1251	
NID Map	NID	Туре	_	_	Method	Lg	Metho	bd	Pho			AirPho		l	TM (Z/E/N
093L.046 Comments	25259 :: Perch	CV ed / Dry	_	m with o	MS dirty water	20 (partial b	GE parrier).	R:	98 F	: 01	L:		#:	9.64	2545.6033
		100 S	7.3	7 20	TIME.		to the second	FIS	Him	-0.5	36. 3	1816 1816	100 Th 200	2/1/2	
Site Number	Capt			ber of ents	Length (m		Total Time		Voltage	Spe	ecies	Total Fish	Minimum Length (mm		ximum gth (mm)
259	E			1	30		75 sec	9	400	F	RB	4	80		95
259	E	F		1	30		75 sec		400	0	co	3	105	11-1-	115

### Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

2.0 093L.047 3028 259

A. Francisco	Proje	ect Nam	e: RFFI	HI within	the Mor	ice Fore	05 XXVIII	18 101	o Morice	234344						
1	Stream Nar											Pro	ject Co	de:		5270
Pro	ject Watersh	ned Cod	le: 460-	000000	00000-00	000-000	00-0000	-000-000	0-000-00	0-000-0	00					
					ALC: N	则如实		WAT	ERSI	HED	West F		Sugar	<b>的物理</b> 2003		
Gaz	etted Name	:				111.1					Loc	cal Name:				
Wate	ershed Code	: 000-00	00-0000	000-000	00-0000	-0000-0	00-000-0	000-000	-000-000							
	ILP Map#	: 093L.0	)47	1	LP#: 30	28	NID M	ap #: 09	3L.046	N	ID#: 20	259	Reach	#:	2.0	Site #: 259
Field U	TM (Z.E.N)	):			N	ethod:					Site Lg	g: 210		Method: H	IC	Access: V2
GIS U	TM (Z.E.N)	: 9.6425	87.6033	332						R	ef. Name	<b>:</b>				
	Da	te: 200	2/09/03		Time: 14:	00		Agency:	C172		Crew: S	SG/SH		Fish Cr	d?: 🗸	Incomplete:
		10. 200	200,00			.00	Service of the service of				JIOW.	JOI OIT		T ISTI O	u. 💌	incomplete.
l nor en	1	100	1	1			AL SECTION AND ADDRESS OF THE PARTY OF THE P		ANN		100	7LIV 3.5	14/11/			
Channe	Width (m):	Mtd	width 2.70	width 2.50	width 2.20	width 2.10	width 2.50	width 2.30	width	width	width		Avg 2.38	Metho	Gadie	
	d Width (m):		2.70	2.50	2.20	2.10	2,30	2.30					0.00	Method	-	5.0 C 4.00 4.0 C
	Depth (m):					-							0.00	Wethou	11.	4,0
															Ch.: 🔲	Intermittent:
	Wb Depth:	.3	.4	.3	Avg	: 0.33	N	Method:	MS	St	tage: L	V M	H		Dw: 🗸	Tribs.:
	COVER			Tota	al: M											
	Type:	SWI	LV	VD T	В	U	DF		ov T	IV	1 CRC	OWN CLOS	SURE			
	Amount	T		Г	D	T	T		S	N	1	1-20	0%			
1 1 1 2	Loc: P/S/O:	~				V	V				INS	TREAM VE	EG: N	VAL	M	V 🖂
	LWD				IST: C											_
				U	131.0											
	LB SHP			2 22	2000							RB SHP: S		578 2		
	Texture	: F	G	c $\square$	BV	R	1					Texture:	F	G C	BV	RA
	RIP											RIP: M				
	STG	: MF										STG: M	F			
العالمة العالمة الما		3.74	565	(E = 2)	1/2	- 23	K	W	ATE	R		96.7			14	
	EMS:								-		Re	eq #:				
	Temp:	2					Metho	od: T4			Co	ond.:				Method: S3
	pH:							d: P2			Т	urb.: T	MI	160	СП	Method: GE
F	Flood Signs:	Rafted	Debris				Metho	od: GE					1 _	لاال		
		ST.	and the	18 T		S112+=2	N	ORP	HOL	OGY		· 查特斯				-Vel
D	ed Material:		Dominan	+ G		Subdom	n B				01	B1 B:	2 B3	D1	D2 D	3
ь		40.0		): 20.00		Morph					1	ПГ		Int		The same of the sa
			D (Cili	j. 20.00		MODE	i. IN		INDICA							
	Pattern: Islands:								INDICA	iono	C1	C2 C	3 C4	C5	S1 S	2 S3 S4 S5
	Coupling:															
C	onfinement:															
	FSZ:								Ba	ars:	NV	SIDE	D	IAG	MID	SPAN BR
															11111	
		# 17	THE RES					FEA	TUR	ES				1/13/01/2019	(美)	
NID Map		Туре	Hgt	Metho		_	Method		Photo			AirPhot			UTM (Z	
093L.046		CV	1.2	MS	2		GE	R: 98	3 F:	01 L	-:		#:		9.642545.	6033157 GIS
Commen	ts: Perched	/ Dry 0.:	25 m with	2 mg ( 2 mg		tial barrie	~ /									
1.00	· Mante	Also.	-	S. Alle	100	1 /3/1-5	HAI	BITA	TQU	ALI	TY	1 3		7.4	134	
	Name		T				7-1-0	The state of the s	- ALBERT	C	comment	s	-	and a second	2011	
Spav	vning Habita	it.	Poor -	due to li	mited gra	avels an	d seaso	nal strea	m							
	Vinter Habita				dry chan											
Rea	ring Habitat	1	Poor -	due to d	ry chann	nel.										

## Morice North Planning Area

Reach # ILP Map #

ILP#

Site

3028

	Photo For		Foc Lg	Dir	Comments	
R:	98	F:	01	STD	U	Upstream photo of 0.25 m perched CV.
R:	98	F:	03	STD	D	Downstream photo of dry channel.
R:	98	F:	04	STD	U	Upstream photo of dry channel with SWD jam.
						COMMENTS
		Sec	ction		Sac In-Holling Str.	Comments
		WA	TER	All fish were	captured in CV o	utlet pool (~0.8 m deep), substantial damage to stream bank by cattle.
		CHA	NNEL	S3		

### **FDIS Fish Card**

### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

000-000000-00000-00000-0000-000-000-000-000-000-000

2.0

093L.047

1 10 17	(LEV		2077			11-11-0		1	NATE	<b>RBO</b>	DY							V .
Р	Project	Code:	460-0					000-000	-000-000-0	00-00		Loca	al:				2	
W		ody ID: ject ID:	5270						ILP Map #	: 093L		ke/Str	eam:	S	#: 3	028 Lake F	Reach #: 2 From Date:	2-5
F	ish Pe	ermit #:	14	5269	D	ate: 200	2/09/03		To: 200				ency:	C172	Cre	ew: SG/S	SH Resar	mple:
		W.	la T	PS CENT	Marie			SI	TE / I	WET	HOI	D -			\$ / <sub>#</sub>			
Site#		Мар	NID	16.	JTM:Zon	e/East/No		_	MTD/NO	Tem	p C	ond	Turt				Comment	
259	093	L.046	202	59	(6枚数)			GPU	EAR	O E T	TIM	CC	T	100 WAS 0200	1000		WHEN THE STREET	
Cit-#	LAT	D/NO.	LUD	D.	45		20 mg ""	Espera.	Har or pane	3 - 1	1 1 17	mark si	S. Salt	- 3				111 -0.146
Site#	EF	D/NO I 1	H/P	Date   2002/09			Date C 2002/09		Time Out 14:25			_			Com	nent		
200	100		331	E00E00	1000	1. 22 1.			ISHE	RS	PEC	IF1	CA	TION	S	- 100 m		
Site#	1	MTD/N	10	H/P	En	The state of	Sec	1000	ngth	Widt	00	Volt	5	Frequ	STEED !	Pulse	Make	Mode
259	EF		1	1	0		75		30.0	4.	_	40		6	_	6	SMITH	12B
			5					FI	SH SL	MM	AR	Y.R.	10,5		o men	160		
Site#		MTD/N	Ю	H/P	Specie	s Sta	ge	Age	Tota	1#	Lgth (	Min/Ma	ax)	FishAct			Comment	
259	EF		1	1	RB	J			4	1	80	1 - 5	95	R	- 1			
259	EF		1	1	со	J			_	3	105		15	R				
46.3		***	1115			4		853445V	DUAL	A STATE OF	6.000.0000	<b>有的私力的</b> 可能	THE YEAR				111	
Site#	MTD	ONV	H/P	Species	Length	Weight	Sex	Mat	Str/Sn	Age npl#/A		Vch#		netic Smpl#	Roll #	Frame#	Comr	nent
259 E	EF	1	1	CO	110		U	IM							98	02	Photo of CO ca culvert outlet.	ptured in
259	EF	1	1	СО	115		U	IM							2		CONTROL OULIEL.	
259 I	EF	1	-1	co	105	i Litter	U	IM	1111						-		5 2	
	EF	1	1	RB	80		U	IM	1 - 1	- 1	=-1							
	EF	1	1	RB	95		U	IM								7-		
	EF	1	1	RB	85		U	IM		1								
259 I	EF	1	1	RB	92	Mary's	U	IM	COMM	EN	TE	-34346	-	1000	50000	0000000	-	
34.6	-	Y W	2015	1	300	all a	100	3 4	COMIN	-11	13	Zan	. 51		4	4 4		
	-	ction										Comm						



Site #259, Upstream photo of 0.25 m perched CV. Roll #98, Frame #01, Date: 2002/09/03



Site #259, Photo of CO captured in CV outlet. Roll #98, Frame #02, Date: 2002/09/03



Site #259, Downstream photo of dry channel. Roll #98, Frame #03, Date: 2002/09/03



Site #259, Upstream photo of dry channel with SWD jam. Roll #98, Frame #04, Date: 2002/09/03

### Morice North Planning Area

Reach # ILP Map #

ILP# 2937

2.0 093L.046

	SIREA	MREF	EREN	CING		· Sairie	100	
Gazetted Name:				ocal Name:				
Watershed Code: 000-000000-00000-00	0000-0000-0000-000-000			ILP	Map #: 093L.0	46	ILP#:	2937
		REA	СН		事() デンシュ 1/4	T. Book		
Length (km): 1.08 Co Gradient (%): 0.4 Confi	UTM(Zone/East/North): pupling: Decoupled nement: Occasionally Co Islands: NONE  Mid-channel Spa	Ma nf Rij	gnitude: Order: 2	3 2 etation: Mixed Landuse: Not	C/D	Sample Typ BGC Zor Open water:	ne: SBS	sed
		SIT	<b>E</b>				100	
Site #: 260 Field UTI Site Length (m): 200 GIS UT	M M 9.639365.6037311			y: C172 cy Name: Triton			ate: 2002/0 ts (Terrace)	77. 77.
		CHAN	NEL	THE WAR THE SE				10
Stage: Low ✓	Avg Channel Width (m): 0.62 Wetted Width (m): 0.35 Bankfull Depth (m): 0.13	0.5	0.800 0.400 0.2	# 6 6 P	Gradient % ool Depth (m)	1.63	fin Max 1 3 100 0.100	4 4
Med High Temp (C): 9	pH: 7.0	1	Conductivit	-	Turb	idity.: Tu Mode	rbid rate	Low Clear 🗸
	M O	RPHC	LOGY	<b>建设</b> 点。全	2.00			14 TUBE
Bed Material: Dominant: Fines Subdominant: Not Applicable	D95 (cm): 0.01 D (cm): 0.01		Bars: Non	✓ Side	Diagonal	Mid-cha		Span 🔲
Channel Pattern: Sinuous  Coupling: Decoupled  Confinement: Unconfined  Morphology: RP Riffle Pool	Islands: None		RBANCE CATORS C2 C3	O1 B1 C4 C5	B2 B3 S1 S2	D1 D2 S3 S	D3 4 S5	
		COVI	ER					
Total Cover: Abundant  LWD: None  LWD Dist: Not Applicable	Type: SWD Amount: T Location: P/S/O:	LWE N	) B N	U S		D N		z: 🗍
	ture: Fines  Gravel Gravel Stage: Shru	b/herb sta	age	r Rock	Manmade Manmade None 🗸	]    Algae	Crown Clo	
		FIS	Ha 影響		EB			
Site Number Capture Number of Events	Length fished To (m) Tir		Voltage	Species	Total Fish	Minimum Length (mr	45 / TO 100	imum th (mm)

EF

1

125

201 sec

400

NFC

0

Morice North Planning Area

			PR	Olect				
	e: RFFHI within the b: BULKLEY RIVER e: 460-00000-0000	?			000	Project Co	ode:	5270
	- North Albert France S		WAT	ERSHED		(1) 10 mm (1)	交供物理	
Gazetted Name:	141 10000		(2)		Lo	cal Name:		
Watershed Code: 000-00 ILP Map#: 093L.0 Field UTM (Z.E.N):	46 ILP#		000-000-000- D Map #: 093	3L.046 I	NID#: 20	0260 Reac g: 200	h #: 2.0 Method: GE	Site #: 260 Access: V4
GIS UTM (Z.E.N): 9.6393	65.6037311			F	Ref. Name	9:		
Date: 200	2/09/03 Time	2: 14:45	Agency:		Crew:	SG/SH	Fish Crd?:	Incomplete:
The second of th	Service of the servic	(発展がた。)フェクスト	CH	ANNEL		學可以外生	是明年 XII B	11 300/2/2 19
Mtd	width width wi	dth width w	idth width	width width	width	width Avg	Gadi	ent % Mtd Avg
Channel Width (m): MS	0.80 0.50 0.	.60 0.50 0	.70 0.60		12.50	0.62	Method I: 3.0	1.5 C 1.63
Wetted Width (m): MS	0.30 0.40 0.	40 0.30 0	40 0.30			0.35	Method II: 1.0	1.0 C
Pool Depth (m): MS	0.10 0.10 0.	10 0.10				0.10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
			70.5				No Vis.Ch.:	Intermittent:
Wb Depth: .2	.1 .1 Total: /	Avg: 0.13	Method:	MS S	Stage: L	✓ M ☐ H ☐	Dw: [	Tribs.:
					-			
Type: SWI		U		OV IV		OWN CLOSURE		
Amount: T	N N	S	N	D N	1			
Loc: P/S/O:					INS	TREAM VEG:	MAM	V
LIM/D: N	DICT	NA						
LWD: N	DIST:	INA						
LB SHP; S					173	RB SHP: S		
Texture: F	GCCB	RAL	1			Texture: F	GCCB	RMAM
RIP: M			-			RIP: M		
STG: SHR						STG: SHR		
313.3110						310.3111		
			W	ATER	76 A	WI CHINE		
EMS:						eq #:		
Temp: 9		N.	Method: T4		C	ond.: 120		Method: S3
pH: 7.0		N	Method: P2		7	furb.: T M		Method: GE
Flood Signs: None			Method: GE				7 - 1 - 1	The state of the s
	777	With the	MORP	HOLOGY	Jan .	0.	Y 3 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Table Constitution of the		Calc 12 22			01	B1 B2 B	3 D1 D2 D	2
	Dominant: F	Subdom: N			1			3
D95: 0.01	D (cm): 0.01	Morph: RI	P 0	ISTURBANCE				
Pattern: SI				INDICATORS	C1	C2 C3 C	4 C5 S1 S	2 S3 S4 S5
Islands: N							7 00 01 0	2 00 04 00
Coupling: DC								
Confinement: UN				Bars:	NV	SIDE	DIAG MID	SPAN BR
FSZ:			A	24.0		0.00_		0.7L
	2 30 1000	ARABARA A	IABITA	T QUALI	ΤY	N. W. W.		
Name	Part and				Commen	ts		
Spawning Habitat	None - due to no s	uitable gravels.						
OverWinter Habitat	None - due to lack							
Rearing Habitat	Poor - due to seas	onal stream flow	and shallow	water depths a	nd lack of	f pools.		
ALL TOWNS OF	Talk arion			OTOS	A STATE OF	Mary Mary		
Photo Fo	oc Lg	Die			War e		in the second	
	TD	Dir	Downster	photo of t1	l habit-t	Comment		
	TD	U				with grass and shr	ub vegetation.	
30 1. 00 3	10	Ü	opsileam pr	noto of typical h	aultat.			

### Morice North Planning Area

Reach# ILP Map # ILP#

Site

2.0

093L.046

2937

	COMMENTS
Section	Comments
CHANNEL	Stream channel becomes NCD ~150 m downstream of the site, no potential for access.
CHANNEL	S6 - NFC

### **FDIS Fish Card**

### Morice North Planning Area

Reach#

ILP Map #

ILP#

Watershed Code:

000-000000-00000-0000-0000-000-000-000-000-000-000

2.0

093L.046

						4		W	ATEF	BOL	Y		<b>经济别的</b>	30	· 图像// 100m	W. W.	
Gaz	zetted	Name:									Loc	al:					
F	Projec	Code:	460-0	000000-	0-0000	0000-000	00-0000-000	00-00	0-000-0	0-00							
	WS	Code:	000-0	000000-	0-00000	0000-000	00-0000-0004	00-00	0-000-0	00-000							
V	Vaterb	ody ID:						ILP	Map #:	093L.0	46		ILP#:	2937	Reach	#: 2	-
	Pro	ject ID:	5270								Lake/S	tream:	S	Lake	e From Dat	e:	
F	ish Pe	ermit #:	14	5269		Date: 2	2002/09/03	1	To: 200	2/09/03	Ag	ency:	C172	Crew: S0	G/SH	Resan	nple:
				1 = 10	7			SITI	E / N	ETH	OD.	20	or State of the st	71. 0	The state of the	S- 11.19	
Site#	NIC	Мар	NID	#	UTM:Z	one/East	/North/Mthd	МТ	D/NO	Temp	Cond	Tur			Commer	it	
260	093	L.046	2026	60			GP	U EF	1	9	120	0					
N.				V			Α.	GE	ARS	ETT	INGS	SHI-	MATTER	10 A - 30 A	Western St.	The state of	
Site#	MT	D/NO	H/P	Date	In	Time In	Date Out	Tim	ne Out				C	comment	-98-200-00-0	THE PARTY OF THE P	
260	EF	11	1	2002/0	9/03	14:45	2002/09/03	1	5:00								
		W.	- j	100	43	C. E	LECTRO	FIS	HER	SP	ECIF	ICA	TIONS	In take	t., -		75
Site#	-	MTD/N	0	H/P		Encl	Sec	Lengt	th	Width	Vo	Itage	Frequency	Puls	e N	Make	Mode
260	EF	4	1	1		0	201	125.0	0	0.7	4	100	60	6		HTIN	12B
of some	= 40	******	S)		-11/-70-		to Anni Marie Control of the last	-101	4 1 44 1	** ** *	234		4-12-		R	OOT	Name and Address of
5 1	- W.	- بريا			100	4		151	HSU	THE PARTY	100		And the line		- (1)	-2014	The Paris
Site#	_	MTD/N	0	H/P	Spec		Stage A	ge	Total	# Lg	th (Min/N	fax)	FishAct		Comr	nent	
260	EF		1	1	NFC				0								



Site #260, Downstream photo of typical habitat with grass and shrub vegetation. Roll #98, Frame #05, Date: 2002/09/03



Site #260, Upstream photo of typical habitat. Roll #98, Frame #06, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

IIP#

3.0 093L.046

	UTM(Zone/East/No Coupling: Partially Co finement: Occasiona Islands: NONE	orth): 9	REA (	000-000 C H	al Name: ILP N	lap #: 093L.04	6	ILI	P#:	2910
Reach #: 3.0 Length (km): .73 Gradient (%): 8.9 Con US Elev (m): 665	UTM(Zone/East/No Coupling: Partially Co finement: Occasiona Islands: NONE	orth): 9	REA (	C.H.	ILP N	lap #: 093L.04	6	ILI	P#:	2910
Length (km): .73  Gradient (%): 8.9 Con US Elev (m): 665	UTM(Zone/East/No Coupling: Partially Co finement: Occasiona Islands: NONE	ouple	639915.			NEWNY.		7		-
Length (km): .73  Gradient (%): 8.9 Con US Elev (m): 665	UTM(Zone/East/No Coupling: Partially Co finement: Occasiona Islands: NONE	ouple		6035494	*	Control of the last				383 -V
				gnitude: 1 Order: 1			1777	Type: Zone: ter: Abse	3/3/3	∍d
Bars: None 🗹 Side 🔝 Diagonal	Mid channel		-	arian Vegeta	ation: Conife	rous	0,715.002			
	wild-criainlei	Span			anduse: Not	Specified				
	V-0541 JEU 11	le-	SIT	Ei. W. S.	No.			5.51	) 	2- 2-
Site #: 261 Field U Site Length (m): 100 GIS I	JTM UTM 9.640248.603540	01		Agency: Agency I		Crew: SG/ Environmental	3		2002/09 errace)	9/03
WHEN WELL THE STATE		C	HAN	NEL	. 61 5-1	The Wall		John T	81 s	= 0
No Vis.Ch.: ☐ Intermittent: ✓ Dewatered: ☐ Tribs.: ☐ ☐	Channel Width (m):	Avg 0.56	Min 0.400	Max # 0.65 6		Gradient %:	Avg 14.75	Min 14	Max 15	#
tage: Low	Wetted Width (m): Bankfull Depth (m):	0.00	0.2	0 0		ool Depth (m): Turbio	0.00 dity.:	0 Turbid	0	Low
High Temp (C):	pH:		C	Conductivity:			Mo	oderate		Clear
		MOF	PHO	LOGY			353	10°2 50		4300
Bed Material: Dominant: Fines Subdominant: Cobble	D95 (cm): 15.0 D (cm): 5.0		13	Bars: Non 🔽	Side	Diagonal	Mid-	channel		pan 🗌
Channel Pattern: Sinuous Coupling: Partially Coupled	Islands: Non	e		RBANCE C	01 B1	B2 B3	D1	D2 D	3	
Confinement: Confined  Morphology: CP Cascade Po	ool		C1	C2 C3	C4 C5	\$1 \$2	S3	S4	S5	
Cala Mark State R	file state	(A) (A)	COVE	ERT	<b>设施</b> 设置1000		III S	12		
Total Cover: Abundant  LWD: Few  LWD Dist: Evenly Distributed	Type: Amount: Location: P/S/O:	SWD T	T	B T	U S	DP OV		IV N	FS	z: 🗍
Right Bank: Shape: Sloping (g To	exture: Fines Gra-	vel :: Matur	Cobble Cobble forest e forest	✓ Boulder	Rock Rock	Manmade Manmade None Al	T		own Clos	sure 0%
EST BUILT TUP YES.	Stage	watur	E	EATUR		None [ ] Al	yae _	Moss	vas	Juliar [_
NID Map NID Type Hgt	Method Lg	Meth		Photo		AirPhoto	3.3		UT	M (Z/E/N
093L,046 25261 CV .8	MS 10	HC	R:		07 L:		#:			266.6035

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

3.0 093L.046 2910 261 PROJECT Project Name: RFFHI within the Morice Forest District (tribs to Morice R.) Stream Name (gaz.): BULKLEY RIVER Project Code: 5270 WATERSHED Gazetted Name: Local Name: ILP Map#: 093L.046 ILP#: 2910 NID Map #: 093L.046 NID#: 20261 Reach #: 3.0 Site #: 261 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: HC Access: V4 GIS UTM (Z.E.N): 9.640248.6035401 Ref. Name: Date: 2002/09/03 Time: 15:30 Agency: C172 Crew: SG/SH Fish Crd?: Incomplete: CHANNEL Mtd width Gadient % Mtd Avg Avg Channel Width (m): MS 0.60 0.65 0.50 0.40 0.60 0.60 0.56 Method I: 15.0 15.0 14.75 Wetted Width (m): MS 0.00 Method II: 14.0 15.0 C Pool Depth (m): MS 0.00 No Vis.Ch.: Intermittent: < Wb Depth: .3 Avg: 0.27 Method: MS Dw: Tribs.: Stage: L M H COVER Total: A SWD LWD CROWN CLOSURE Type: В U DP OV IV Amount S N D N 1-20% Loc: P/S/O: INSTREAM VEG: N A M V LWD: F DIST: E LB SHP: S RB SHP: S Texture: F ☐ G ☐ C ☑ B ☐ R ☐ A ☐ Texture: F G C B B R A RIP: C RIP: C STG: MF STG: MF WATER EMS: Req #: Temp: Method: T4 Method: S3 pH: Method: P2 Turb.: T M L C Method: GE Flood Signs: None Method: GE MORPHOLOGY 01 **B1 B**2 **B**3 D1 D2 D3 Bed Material: Dominant: F Subdom: C D95: 15.0 D (cm): 5.00 Morph: CP DISTURBANCE INDICATORS Pattern: SI C1 C2 C3 C4 C5 SI S2 **S**3 **S4 S5** Islands: N Coupling: PC Confinement: CO Bars: SIDE DIAG BR FSZ: FEATURES NID Map NID Type Hgt Method Lg Method Photo AirPhoto UTM (Z/E/N) Method 093L.046 25261 10 CV HC R: 98 F: 07 9.640266.6035398 GIS Comments: Passable culvert with orange ribbon. HABITAT QUALITY Name Comments Spawning Habitat None - no gravels present. OverWinter Habitat None - due to lack of pools and seasonal stream flows. Rearing Habitat Poor - seasonal stream flows and lack of pool habitat.

### Morice North Planning Area

Reach # ILP Map #

ILP#

Site

3.0

093L.046

2910

	Photo		Foc Lg	Dir	Comments	
R:	98	F:	07	STD	U	Upstream photo of passable 0.8 x 10 m culvert.
R:	98	F:	08	STD	D	Downstream photo of dry channel with book in view.
R:	98	F:	09	STD	U	Upstream photo of dry channel.
	1304					COMMENTS
		Sec	tion			Comments
_		CHAI	NNEL	S6 due to N	VC downstream.	



Site #261, Upstream photo of passable 0.8 x 10 m culvert. Roll #98, Frame #07, Date: 2002/09/03



Site #261, Downstream photo of dry channel with book in view. Roll #98, Frame #08, Date: 2002/09/03



Site #261, Upstream photo of dry channel. Roll #98, Frame #09, Date: 2002/09/03

Morice North Planning Area

Reach # ILP Map #

ILP#

1.0 093L.046

" Same	H H		317	EAM	KEI	EREI	NGIN				
Gazetted Na	me:						Local Na	ame:			
Watershed C	ode: 000-000	00-00000-00	000-0000-0000-0	00-000-0	00-000-	000-000		ILP	Map #: 093L.0	046 IL	P#: 2913
E XIndXE	**************************************	3			REA	СН		WHIT!	HI MAN		ST CONTRACTOR
Reach #: 1	.0	- 1	JTM(Zone/East/N	lorth): 9.	639466	.6035102				Sample Type:	Biased
Length (km)	: 1.34	Co	upling: Partially (	Couple	Ma	gnitude:	1			BGC Zone:	SBS
Gradient (%)	: 7.1	Confin	ement: Occasion	ally Conf		Order:				Open water: Ab	sent
US Elev (m)	: 699	1:	slands: NONE		Ri	parian Ve	egetation	: Conife	erous		
Bars: None	✓ Side	Diagonal _	Mid-channel	Span	□в	raid 🗌	Landu	se: Not	Specified		
"PERMAN	Te ence		. THE SALLIN		SIT	E				TANK	
Site #: Site Length		Field UTM GIS UTI	и м 9.639322.6035	274			ncy Name			G/SH Date: tal Consultants (1	2002/09/04 [errace]
		White Th		C	HAN	NEL	化碳酸	1 53	等 植植作		(Wivi
No Vis.Ch.:	✓ Intermitt	tent:		Avg	Min	Max	# -			Avg Min	Max #
Dewatered:	Tri	ibs.:	hannel Width (m)	0.00	0	0	0		Gradient %	6: 3.00 3	3 1
Stage: Low			Wetted Width (m)	0.00	0	0	0	P	ool Depth (m	): 0.00 0	0 0
Med	=	В	ankfull Depth (m)	0.00	0	0	0		Tor	bidity.: Turbid	Low
High [		emp (C):	pH:			Conductiv	rity:		100	Moderate	
18 18 18 18 18 18 18 18 18 18 18 18 18 1		*** X-3	1-0-1-3	MOR	PHO	LOG	Y		· John Mary	5 5000 70, 120	J. 5/6
Bed Material	: Dominant:		D95 (cm):			Bars: No	n 🔲	Side _	Diagonal	Mid-channe	Span
8	Subdominant:		D (cm):								Braid
Channel Pa	ttern:		Islands:		DISTU	RBANCE	01	B1	B2 B3	D1 D2 I	03
	pling:		14.41.24			CATORS		n			
Confine					C1	C2 (	3 C4	C5	S1 S2	S3 S4	S5
Morpho	ology:					ПП		ПП	THE	innn	
Are the				State State	COV	ER		( vivo			
Total Cover:			Type:	SWD	LWI	D E	3	U	DP	OV IV	
LWD:			Amount:		1			_= 1			
LWD Dist:			Location: P/S/O:								FSZ:
Right Bank:	Shape:	Text	ure: Fines Gr	avel	Cobble	Bould	der B	Rock	Manmade	7	rown Closure
Left Bank:	Shape:				Cobble			Rock	Manmade	i i	OWN Closure
Right Bank:	Rip.Veg: M		A 15 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	e: Matur	2500				Ivia inidae _	_	
Left Bank:	Rip.Veg:		100	e: Matur			Instre	am Ved	: None	Algae Moss	Vascular
		37.3				EATL	2000			Tilgue [ ] Illico	Tasoular (
NID Map	NID I Type	a Hat I I	Method I I a	Meth		Y HOUSE	malphopias	1712	AirDh	oto	LITM /7/E
	25262 CV	e Hgt	Method Lg	HC	R:	98 F		L:	AirPh	#:	9.639396.603
			able with water).	1 110	14.	30. ]	1 12	Iri		Ιπ.]	3.033330.00
- E 1 A26			5 10 V (C) (C)	1/4 60	FIS	H		X	Marking Miles	1 T	- Vano
Site Number	Capture	Number of	Length fished	Tota		Voltage	Spe	cies	Total	Minimum	Maximum
	Method	Events	(m)	Time			1		Fish	Length (mm)	Length (mm
262	EF	1	10	50 se	c	400	N	FC	0		

#### Morice North Planning Area

Reach #

ILP Map #

Comments

ILP#

Site

093L.046 1.0 2913 262 PROJECT Project Name: RFFHI within the Morice Forest District (tribs to Morice R.) Stream Name (gaz.): BULKLEY RIVER Project Code: 5270 WATERSHED Gazetted Name: Local Name: ILP Map#: 093L.046 ILP#: 2913 NID Map #: 093L.046 NID#: 20262 Reach #: 1.0 Site #: 262 Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: HC Access: V4 GIS UTM (Z.E.N): 9.639322.6035274 Ref. Name: Date: 2002/09/04 Time: 07:30 Agency: C172 Crew: SG/SH Fish Crd?: V Incomplete: CHANNEL Avg Mtd width width width width width width width width width Gadient % Mtd width Avg Channel Width (m): MS 0.00 3.00 Method I: 3.0 С Wetted Width (m): MS 0.00 Method II С Pool Depth (m): MS 0.00 No Vis.Ch.: 🗸 Intermittent: Wb Depth: Dw: Avg: 0.00 Method: MS Stage: L M H H Tribs.: COVER Total: SWD LWD DP OV IV CROWN CLOSURE Type: В U Amount Loc: P/S/O: INSTREAM VEG: N A M V LWD: DIST: LB SHP: Texture: F G G C B R A Texture: F G C B R A RIP: M RIP: M STG: MF STG: MF WATER EMS: Reg #: Temp: Method: T4 Cond .: Method: S3 pH: Method: P2 Turb.: T M L C Method: GE Flood Signs: Method: GE MORPHOLOGY 01 **B1 B2 B**3 D1 D2 D3 Bed Material: Dominant: Subdom: D95: D (cm): Morph: DISTURBANCE **INDICATORS** Pattern: C1 C3 C4 C5 S1 **S3 S5** Islands: Coupling: Confinement: DIAG Bars: SIDE MID SPAN BR FSZ: FEATURES NID Map NID Method Type Hgt Method Photo AirPhoto UTM (Z/E/N) Method Lg 093L.046 25262 CV MS HC .5 12 98 F: 12 9.639396.6035237 GIS Comments: Dry channel, CV (fully passable with water). HABITAT QUALITY Name Comments Other No fish habitat due to NCD PHOTOS

Foc Lg

Dir

Photo

#### Morice North Planning Area

Reach # ILP Map # ILP 1.0 093L.046 291

ILP# 2913 Site 262

W.	8		A IT			PHOTOS
	Ph	oto		Foc Lg	Dir	Comments
R:	98	F:	10	STD	D	Downstream view with SH in photo.
R:	98	F:	11	STD	U	Upstream photo of NCD channel with alder and mature forest vegetation.
R:	98	F:	12	STD	U	Upstream photo of Culvert, fully passable.
R:	98	F:	13	STD	U	Upstream photo of CV inlet pond.
						COMMENTS
		Sec	tion			Comments
		SITE	CARD	Electrofished	in a small isolal	ted pond at CV inlet (10x4 m ).
		SITE	CARD	NCD - no allu	vium or scour o	bserved for >100 m downstream.

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

000-000000-00000-00000-0000-000-000-000-000-000-000

1.0

093L.046

*****		4 64		× 1				WA	TER	BOL	Y	7-1	的多数就	H.	1000		
P	Project WS aterbo	Code: ody ID:	460-0 000-0				00-0000-000-00 00-0000-000-00	00-000	-000-0		Loc 46 Lake/St		ILP#:	29		Reach #:	1-
F	ish Pe	rmit #:	145	5269		Date: 2	2002/09/04	То	: 200	2/09/04	Age	ency:	C172	Crev	r: SG/SF	f Res	ample:
90	\$ 115	2011 S. 2			T.	THE PROPERTY OF	· . · . · . · . · . · . · . · .	ITE	1 1	TETH	OD	NV E			TAKE A	0100	
Site#	NIC	Мар	NID	#	UTM:	Zone/East	/North/Mthd	MTD	/NO I	Temp	Cond	Turk	oid		A STATE OF THE PARTY OF THE PAR	omment	
262	_	L.046	2026	52			GPU	EF	1	8	10	L					
- 3 1	157			21 70	1175	- 7	Α.	GEA	RS	ETT	INGS	S. V.		WHY SE	N. S. A.		196277
Site#	MT	D/NO	H/P	Date	e In	Time In	Date Out	Time	Out		Contract No.			Comm	ent	West, Mary and Commercial Commerc	
262	EF	1	1	2002/	09/04	07:30	2002/09/04	07:	45								
	4			10-11	at hips	C. E	LECTRO	FIS	HER	SP	ECIFI	CA	TIONS		Claring to the second		
Site#	1	MTD/N	0	H/F		Encl	Sec 1	Length		Width	Vol	tage	Freque	ncy	Pulse	Make	Mode
262	EF		1	1	=0	0	50	10.0		4.0		00	60		6	SMITH ROOT	12B
The same			10		(	-12	F	ISH	SU	MMA	RY				4	APPL -	SIV CO
Site#		MTD/N	0	H/P	Spe	ecies S	Stage Ag	e	Total	# Lo	th (Min/M	ax)	FishAct			Comment	
262	EF		1	1	NF	C			0								
5 0 8		1946	100		422		1975 AF = 1	CO	MM	ENT	S		t ne	ALC:	1/1/2		
	Se	ction									Comm	ents					
V	VATE	RBOD	Y	FI	ectrofis	hed in sma	all isolated pon	d at CV	/ inlet.	Stream	is NCD (	NVCI	unstream a	and dow	nstream o	on nond	



Site #262, Downstream view with SH in photo. Roll #98, Frame #10, Date: 2002/09/04



Site #262, Upstream photo of NCD channel with alder and mature forest vegetation. Roll #98, Frame #11, Date: 2002/09/04



Site #262, Upstream photo of dry culvert outlet. Roll #98, Frame #12, Date: 2002/09/04



Site #262, Upstream photo of CV inlet pond. Roll #98, Frame #13, Date: 2002/09/04

Morice North Planning Area

Reach # ILP Map #

ILP#

3.0 093L.046

REACH           REACH           REACH           Reach #: 3.0         UTM(Zone/East/North): 9.639000.6034334         Sample Type: Biased BGC Zone: SBS Gradient (%): 3.2         Coupling: Decoupled Magnitude: 2 Open water: Absent Order: 2 Open water: Absent US Elev (m): 742         Islands: NONE Riparian Vegetation: Coniferous         SBS Open water: Absent Order: 2 Open water: Absent US Elev (m): 742         Islands: NONE Riparian Vegetation: Coniferous           Sars: None ♥ Side				STF	REAM	REF	EREN	CING		100			A. 3
Reach #: 3.0	- C10 + 15 + 15 + 16 + 16 + 16 + 16 + 16 + 16							ocal Name:					
Reach #: 3.0	Watershed C	ode: 000-00	00000-00000-00	0000-0000-0000-0	00-000-0			ILP	Map #; 093L.0	)46	1L	.P #:	2915
Length (km): .79		¥	16" N. N. E.		FALL 80	REA	CH		5 J F	100	fin ,		- 11
Site #: 263	Length (km) Gradient (%) US Elev (m)	: .79 : 3.2 : 742	Confir	oupling: Decouple nement: Occasion Islands: NONE	d ally Con	Ma f Ri	ognitude: Order: parian Veg	2 getation: Coni	ferous	BGC	Zone:	SBS	ed
Site Length (m):150   GIS UTM 9.638910.6034819   Agency Name: Triton Environmental Consultants (Terrace)	1 6 15 "		TATE OF THE REAL PROPERTY.	La 1880		SIT	E				-10		
No Vis.Ch.:					319				21277				9/04
Dewatered:			The Marie Marie		C	HAN	NEL -	White Fate		Mar and		1	
Wetted Width (m): 0.90 0.300 1.3 6   Bankfull Depth (m): 0.33 0.3 0.4 3   Turbidity:: Turbid   Land	No Vis.Ch.:	Intermit	ttent:		Avg	Min	Max	#		Avg	Mín	Max	#
Bankfull Depth (m): 0.33 0.3 0.4 3 Turbidity.: Turbid Depth (p): 0.34 0.34 0.34 0.34 0.34 0.34 0.34 0.34	Dewatered:	T			1000	112	11 10 1. 5. 5.		Gradient %	2.75	2	3	4
High Temp (C): 8 pH: 7.0 Conductivity: 80 Moderate CI    MORPHOLOGY	Stage: Low	V							Pool Depth (m)	0.20	0.100	0.400	4
High Temp (C): 8 pH: 7.0 Conductivity: 80 Moderate CI  MOR PHOLOGY  Bed Material: Dominant: Gravels Subdominant: Cobble D (cm): 15.00 Bars: Non Side Diagonal Mid-channel Spring Subdominant: Cobble D (cm): 5.00  Channel Pattern: Sinuous Islands: None Coupling: Decoupled Confinement: Occasionally Confine Morphology: RP Riffle Pool  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 Amount: T T N S T D N LOcation: PIS/O: V D DIST. Evenly Distributed Location: PIS/O: V D DIST. Shape: Sloping (g Texture: Fines Gravel Cobble Boulder Rock Manmade T-20% Right Bank: Shape: Sloping (g Texture: Fines Gravel Cobble Boulder Rock Manmade T-20% Right Bank: Rip.Veg: Stage: Mature forest Instream Veg: None Algae Moss Vasculation Maximum Right Stage: Mumber of Length fished Total Voltage Species Total Minimum Maximum Maximum Right Stage: Number of Length fished Total Voltage Species Total Minimum Maximum Maximum Maximum Right Stage: Number of Length fished Total Voltage Species Total Minimum Maximum Maximum Maximum Right Stage: Number of Length fished Total Voltage Species Total Minimum Maximum Maximum Right Stage: Number Capture Number of Length fished Total Voltage Species Total Minimum Maximum Maximum Right Stage: Number Capture Number of Length fished Total Voltage Species Total Minimum Maximum Right Stage: Number Capture Number of Length fished Total Voltage Species Total Minimum Maximum Right Stage: Number Capture Number of Length fished Total Voltage Species Total Minimum Maximum Right Stage: Number Capture Number of Length fished Total Voltage Species Total Minimum Maximum Right Stage: Number Capture Number of Length fished Total Voltage Species Total Minimum Maximum Right Stage: Number Capture Number of Length fished Total Voltage Species Total Minimum Maximum Right Stage: Number Capture Number of Length fished Total Voltage Species Total Minimum Right Stage: Number Capture Number Capture Number of Length fished Total Voltage Species Total Minimum Right Sta	Med		LE	Bankfull Depth (m)	0.33	0.3	0.4	3	Turt	oldity.:	Turbid		Low
Bed Material: Dominant: Gravels Subdominant: Cobble D (cm): 5.00  Channel Pattern: Sinuous Coupling: Decoupled Confinement: Occasionally Confine Morphology: RP Riffle Pool  COVER  Total Cover: Abundant LWD: Few LWD Dist: Evenly Distributed Right Bank: Shape: Sloping (g Right Bank: Shape: Sloping (g Right Bank: Rip. Veg: Coniferous Left Bank: Rip. Veg: Stage: Mature forest Left Bank: Rip. Veg: Stage: Mature forest Site Number Capture Number of Length fished  D95 (cm): 15.00 Bars: Non V Side Diagonal Mid-channel Sprage Side Diagonal Pattern Sprage Side Diagonal Mid-channel Sprage Side Diagonal Mide Diagon Side Diagonal Mide Diagon Side Diagonal Mide Diagon Side Diagonal Mide Diagon Side Diagon S	High [		emp (C): 8	pH: 7.0		4	Conductivit	y: 80					Clear
Subdominant: Cobble D (cm): 5.00  Channel Pattern: Sinuous Islands: None DISTURBANCE O1 B1 B2 B3 D1 D2 D3 Coupling: Decoupled INDICATORS INDICA				一門擊擊海	MOF	PHO	LOGY		· 学生 1/4 型	Sec. An	richtse.		
Coupling: Decoupled Confinement: Occasionally Confine Morphology: RP Riffle Pool  COVER  Total Cover: Abundant LWD: Few LWD Dist: Evenly Distributed  Right Bank: Shape: Sloping (g Texture: Fines Gravel Cobble Boulder Rock Manmade 1-20% Right Bank: Shape: Sloping (g Texture: Fines Gravel Cobble Boulder Rock Manmade 1-20% Right Bank: Rip.Veg: Stage: Mature forest Left Stage: M	Programme and the second						Bars: Nor	Side	Diagonal [	Mid-	channel	-	pan raid
Confinement: Occasionally Confine Morphology: RP Riffle Pool  COVER  Total Cover: Abundant LWD: Few LWD Dist: Evenly Distributed  Left Bank: Shape: Sloping (g Texture: Fines Gravel Cobble Boulder Rock Manmade 1-208  Right Bank: Rip.Veg: Sloping (g Texture: Fines Gravel Cobble Boulder Rock Manmade 1-208  Right Bank: Rip.Veg: Stage: Mature forest Left Bank: Rip.Veg: Stage: Mature forest Left Bank: Rip.Veg: Stage: Mature forest Instream Veg: None Algae Moss Vascu	Channel Pa	ttern: Sinuou	s	Islands: No	ne	DISTU	RBANCE	O1 B1	B2 B3	D1 [	D2 D	03	
Total Cover: Abundant  LWD: Few LWD Dist: Evenly Distributed  Right Bank: Shape: Sloping (g Texture: Fines Gravel Cobble Boulder Rock Manmade Texture: Fines Gravel Cobble Boulder Rock Manmade Texture: Fines Gravel Cobble Boulder Rock Manmade Texture: Fines Gravel Nature Fines Gravel Stage: Mature forest Left Bank: Rip.Veg: Stage: Mature forest Instream Veg: None Algae Moss Vascu	Cour	pling: Decoup	oled			INDI	CATORS						
Total Cover: Abundant  LWD: Few LWD Dist: Evenly Distributed  Right Bank: Shape: Sloping (g Texture: Fines Gravel Cobble Boulder Rock Manmade Crown Closu Left Bank: Shape: Sloping (g Texture: Fines Gravel Cobble Boulder Rock Manmade 1-200 Right Bank: Rip.Veg: Stage: Mature forest Left Bank: Rip.Veg: Stage: Mature forest Instream Veg: None Algae Moss Vascu FISH  Site Number Capture Number of Length fished Total Voltage Species Total Minimum Maximum Ma	Confiner	ment: Occasi	onally Confine			C1	C2 C	3 C4 C5	S1 S2	S3	S4	S5	
Total Cover: Abundant  LWD: Few LWD Dist: Evenly Distributed  Right Bank: Shape: Sloping (g Texture: Fines Gravel Cobble Boulder Rock Manmade Text	Morpho	logy: RP	Riffle Pool				DIE						
LWD: Few LWD Dist: Evenly Distributed  Right Bank: Shape: Sloping (g Texture: Fines Gravel Cobble Boulder Rock Manmade Crown Closu Left Bank: Shape: Sloping (g Texture: Fines Gravel Cobble Boulder Rock Manmade 1-209  Right Bank: Rip. Veg: Stage: Mature forest Left Bank: Rip. Veg: Stage: Mature forest Instream Veg: None Algae Moss Vasct  F1 S H  Site Number Capture Number of Length fished Total Voltage Species Total Minimum Maxim	. 7115				, - F-1 V	COV	ER	The Market Control		-11,3	- Marine	1 1	- 10
LWD Dist: Evenly Distributed  Location: P/S/O:	Total Cover: A	Abundant		Type:	SWD	LWI	) В	U	DP 0	ov I	IV		
LWD Dist: Evenly Distributed  Location: P/S/O:	LWD.	Eou		Amount:	T	T	N	S	T	D	N		
Left Bank: Shape: Sloping (g Texture: Fines ☐ Gravel ✔ Cobble ☐ Boulder ☐ Rock ☐ Manmade ☐ 1-209 Right Bank: Rip.Veg: Coniferous Stage: Mature forest Instream Veg: None ✔ Algae ☐ Moss ☐ Vasct  F.I.S.H  Site Number			buted	Location: P/S/O:	<b>V</b>	V			VIIV			FS	z: 🔲
Site Number   Capture   Number of   Length fished   Total   Voltage   Species   Total   Minimum   Maxim	Left Bank: Right Bank:	Shape: S Rip.Veg: C	loping (g Text	ture: Fines Gr	avel 🗸 e: Matur	Cobble e forest	Boulde	er Rock	Manmade	Algae		own Clos	sure 0%
Site Number   Capture   Number of   Length fished   Total   Voltage   Species   Total   Minimum   Maxim	· 对外上,图象	10.00	7 W. W. S. S. S.		100	FIS	H型製料	<b>阿里斯</b>	- S TEALLOWN	3-3-3	3000		
	Site Number			The second secon	35,77.77	al	may the call	Species					
263 EF 1 175 253 sec 400 NFC 0	263	EF	1	175	253 s	ec	400	NFC	0	- Lacent		1	- C. M. 10

### Morice North Planning Area

Reach # ILP Map #

ILP#

Site

3.0 093L.046 2915 263

Stream Name (gaz.):	RFFHI within the Morice Forest BULKLEY RIVER 460-000000-00000-00000-00000		Project Code: -000	5270
		WATERSHE	) 在第二人的第三人称单数	
Gazetted Name:			Local Name:	
Watershed Code: 000-0000	000-00000-00000-0000-0000	0-000-000-000-000		
ILP Map#: 093L.046	6 ILP#: 2915	NID Map #: 093L.046	NID #: 20263 Reach #:	3.0 Site #: 263
Field UTM (Z.E.N):	Method:		Site Lg: 150 Metho	od: HC Access: V4
GIS UTM (Z.E.N): 9.638910	0.6034819		Ref. Name:	
Date: 2002/	09/04 Time: 08:00	Agency C170	C 80/811 F-	1040 F
Date. 2002)	03/04 Time: 08:00	Agency: C172	A Property of the Control of the Con	h Crd?: Incomplete:
		CHANNEL	Construction of the second	
		width width width width		Gadient % Mtd Avg
		1.60 1.70 0.50 0.30		ethod I: 3.0 3.0 C 2.75
Pool Depth (m): MS		0.40 0.10	0.90 Me	thod II: 2.0 3.0 C
		5.10		Vis.Ch.: Intermittent:
Wb Depth: .3	.3 .4 Avg: 0.33	Method: MS	Stage: L M H H	Dw: Tribs.:
COVER	Total: A			
Type: SWD	LWD B U	DP OV IV	CROWN CLOSURE	
Amount: T	T N S	T D N	1 1-20%	
Loc: P/S/O:			INSTREAM VEG: N	ADMDVD
RIP: C STG: MF	G ♥ C B R A	U <sub>1</sub>	RIP: C STG: MF	C B R A
The Page May 1 of the		WATER	who I see it -	
EMS:		WATER		
EMS: Temp: 8		WATER Method: T4	Req #:	444, 9, 244
			Req #: Cond.: 80	Method: S3
Temp: 8	ebris	Method; T4	Req #:	Method: S3
Temp: 8 pH: 7.0	ebris	Method: T4 Method: P2	Req #: Cond.: 80 Turb.: T M L	Method: S3
Temp: 8 pH: 7.0 Flood Signs: Rafted de		Method: T4 Method: P2 Method: GE MORPHOLOG	Req #: Cond.: 80 Turb.: T M L	Method: S3  C Method: GE
Temp: 8 pH: 7.0 Flood Signs: Rafted de	ominant: G Subdom:	Method: T4 Method: P2 Method: GE MORPHOLOG	Req #:	Method: S3  C Method: GE
Temp: 8 pH: 7.0 Flood Signs: Rafted de  Bed Material: Do D95: 15.0	ominant: G Subdom:	Method: T4 Method: P2 Method: GE MORPHOLOG C RP DISTURBANCE	Req #:	Method: S3  Method: GE
Temp: 8 pH: 7.0 Flood Signs: Rafted de  Bed Material: Do D95: 15.0 Pattern: SI	ominant: G Subdom:	Method: T4 Method: P2 Method: GE MORPHOLOG	Req #:	Method: S3  Method: GE
Temp: 8 pH: 7.0 Flood Signs: Rafted de  Bed Material: Do D95: 15.0 Pattern: SI Islands: N	ominant: G Subdom:	Method: T4 Method: P2 Method: GE MORPHOLOG C RP DISTURBANCE	Req #:	Method: S3  Method: GE
Temp: 8 pH: 7.0 Flood Signs: Rafted de  Bed Material: Do D95: 15.0 Pattern: SI Islands: N Coupling: DC	ominant: G Subdom:	Method: T4 Method: P2 Method: GE MORPHOLOG C RP DISTURBANCE	Req #:	Method: S3  Method: GE
Temp: 8 pH: 7.0 Flood Signs: Rafted de  Bed Material: Do D95: 15.0 Pattern: SI Islands: N	ominant: G Subdom:	Method: T4 Method: P2 Method: GE MORPHOLOG C RP DISTURBANCE	Req #:	Method: S3 Method: GE  11 D2 D3  15 S1 S2 S3 S4 S5
Temp: 8 pH: 7.0 Flood Signs: Rafted de  Bed Material: Do D95: 15.0  Pattern: SI Islands: N Coupling: DC Confinement: OC	ominant: G Subdom: D (cm): 5.00 Morph:	Method: T4  Method: P2  Method: GE  MORPHOLOG  C  RP  DISTURBANCE INDICATORS  Bars:	Req #:	Method: S3 Method: GE  11 D2 D3  15 S1 S2 S3 S4 S5
Temp: 8 pH: 7.0 Flood Signs: Rafted de  Bed Material: Do D95: 15.0  Pattern: SI Islands: N Coupling: DC Confinement: OC	ominant: G Subdom: D (cm): 5.00 Morph:	Method: T4  Method: P2  Method: GE  MORPHOLOG  C  RP  DISTURBANCI INDICATORS	Req #:	Method: S3 Method: GE  11 D2 D3  15 S1 S2 S3 S4 S5
Temp: 8 pH: 7.0 Flood Signs: Rafted de  Bed Material: Do D95: 15.0  Pattern: SI Islands: N Coupling: DC Confinement: OC FSZ:	ominant: G Subdom: D (cm): 5.00 Morph:	Method: T4 Method: P2 Method: GE  MORPHOLOG  C RP DISTURBANCI INDICATORS  Bars:	Req #:	Method: S3 Method: GE  11 D2 D3  15 S1 S2 S3 S4 S5
Temp: 8 pH: 7.0 Flood Signs: Rafted de  Bed Material: Do D95: 15.0  Pattern: SI Islands: N Coupling: DC Confinement: OC FSZ:  Name Spawning Habitat	ominant: G Subdom: D (cm): 5.00 Morph:	Method: T4 Method: P2 Method: GE  MORPHOLOG  C RP DISTURBANCI INDICATORS  Bars:  HABITAT QUAL  low and lack of suitable spaw	Req #:	Method: S3 Method: GE  11 D2 D3  15 S1 S2 S3 S4 S5
Temp: 8 pH: 7.0 Flood Signs: Rafted de  Bed Material: Do D95: 15.0  Pattern: SI Islands: N Coupling: DC Confinement: OC FSZ:  Name Spawning Habitat OverWinter Habitat	ominant: G Subdom: D (cm): 5.00 Morph:  Poor - due to ephemeral stream f None - due to ephemeral stream	Method: T4  Method: P2  Method: GE  MORPHOLOG  C  RP  DISTURBANCI INDICATORS  Bars:  HABITAT QUAL  low and lack of suitable spay flow and no suitable pools.	Req #: Cond.: 80  Turb.: T M L  Y  O1 B1 B2 B3 D  C1 C2 C3 C4 C  N  SIDE DIAG  ITY  Comments wring locations.	Method: S3 Method: GE  11 D2 D3  15 S1 S2 S3 S4 S5
Temp: 8 pH: 7.0 Flood Signs: Rafted de  Bed Material: Do D95: 15.0  Pattern: SI Islands: N Coupling: DC Confinement: OC FSZ:  Name Spawning Habitat OverWinter Habitat	ominant: G Subdom: D (cm): 5.00 Morph:	Method: T4 Method: P2 Method: GE MORPHOLOG  C RP DISTURBANCI INDICATORS  Bars: HABITAT QUAL  low and lack of suitable spaw flow and los suitable pools. w and limited deep pool habit	Req #: Cond.: 80  Turb.: T M L  Y  O1 B1 B2 B3 D  C1 C2 C3 C4 C  N  SIDE DIAG  ITY  Comments wring locations.	Method: S3 Method: GE  11 D2 D3  15 S1 S2 S3 S4 S5
Temp: 8 pH: 7.0 Flood Signs: Rafted de  Bed Material: Do D95: 15.0  Pattern: SI Islands: N Coupling: DC Confinement: OC FSZ:  Name Spawning Habitat OverWinter Habitat Rearing Habitat	Poor - due to ephemeral stream for - due to seasonal stream floor	Method: T4  Method: P2  Method: GE  MORPHOLOG  C  RP  DISTURBANCI INDICATORS  Bars:  HABITAT QUAL  low and lack of suitable spay flow and no suitable pools.	Req #: Cond.: 80  Turb.: T M L  Y  O1 B1 B2 B3 D  C1 C2 C3 C4 C  N  SIDE DIAG  ITY  Comments vning locations.	Method: S3  Method: GE  11 D2 D3  15 S1 S2 S3 S4 S5  MID SPAN BR
Temp: 8 pH: 7.0 Flood Signs: Rafted de  Bed Material: Do D95: 15.0  Pattern: SI Islands: N Coupling: DC Confinement: OC FSZ:  Name Spawning Habitat OverWinter Habitat	Poor - due to ephemeral stream for - due to seasonal stream flor	Method: T4 Method: P2 Method: GE MORPHOLOG  C RP DISTURBANCI INDICATORS  Bars: HABITAT QUAL  low and lack of suitable spaw flow and los suitable pools. w and limited deep pool habit	Req #: Cond.: 80  Turb.: T M L  Y  O1 B1 B2 B3 D  C1 C2 C3 C4 C  N SIDE DIAG  IT.Y  Comments  wring locations.	Method: S3  Method: GE  11 D2 D3  15 S1 S2 S3 S4 S5  MID SPAN BR

#### Morice North Planning Area

ILP Map # Reach #

ILP#

Site 263

3.0

093L.046

	COMMENTS
Section	Comments
CHANNEL	Ephemeral - habitat consists of Isolated pool and deep runs with dry sections of riffle.
CHANNEL	Inferred S3

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

000-000000-00000-00000-0000-000-000-000-000-000-000

3.0

093L.046

7	Sungas de			70	78. J		出作数	7	WAT	ERE	3 O D	Y	HE.			3		
Gaz	zetted Na	me:										Loc	al:					
F	Project C	ode:	460-0	000000-	00000-	-00000-0	0000-0000-	000-00	0-000-00	00-000	-0							
	WS C	ode:	000-0	000000-	00000	-00000-0	0000-0000-	000-00	00-000-00	00-000	-000							
V	/aterbod	ID:							ILP Ma	p#: 0	93L.04	6		ILP#:	2915	Re	each#: 3	3 -
	Projec	t ID:	5270									Lake/St	eam:	S	La	ke Fron	Date:	
F	ish Pem	it #:	14	5269		Date:	2002/09/0	04	To:	2002/0	09/04	Age	ency:	C172	Crew: S	G/SH	Resar	mple:
34		星	-		North	N. V.C.C.		S	ITE	ME	TH	O D				10.00		TI, E
Site#	NIDN	ар	NID	#	UTM:	Zone/Ea	st/North/M	thd	MTD/N	IO T	emp	Cond	Tur	oid		Con	nment	
263	093L.0	46	202	63				GPU	The Control of the Control		7.5	80	C					
	KJ70 - 10	訓訓					4 - 11 (5)	Α,	GEAF	RSE	T, T	INGS	of all		- J. B.	HIME	<b>对</b> 法认识	014
Site#	MTD/I	10	H/P	Date	e In	Time	n Date	Out	Time C	Out			_		Comment			
263	EF	1	1	2002/	09/04	08:00	2002/	09/04	08:30									
I ac		3	~ 11			C.	ELECT	RO	FISH	ER	SPE	CIFI	CA	TIONS	Carrolla.		(4.50 m)	Mar Single
Site#	M	D/N	10	H/F	1	Encl	Sec	1	ength	TV	Vidth	Vol	tage	Frequenc	y Pu	lse	Make	Mode
263	EF	I	1	1		0	253		175.0		1.5	4	00	60	- 6	3	SMITH	12B
		V.S.	7 10		17,2197	3,7 (8)	54 UF >	F	ISH :	SUM	MA	RY	2 %				ROOT	
Site#	M	D/N	Ю	H/P	Sp	ecies	Stage	Ag	e T	otal #	Lgt	h (Min/M	ax)	FishAct		(	Comment	11
263	EF	1	1	1	N	FC		_		0	1							



Site #263, Downstream photo of dry channel. Roll #98, Frame #14, Date: 2002/09/04



Site #263, Upstream photo of site with isolated pool in background. Roll #98, Frame #15, Date: 2002/09/04

Morice North Planning Area

Reach # ILP Map #

ILP#

1.0

093L.046

	ST	REAM	REF	EREI	ACIN	G			15 F		
Gazetted Name:					Local Na	ame:					
Watershed Code: 000-0000	00-0000-0000-0000-0000	000-000-0	00-000-0	000-000		ILP Map #: 0	93L.046	5	IL	P #:	2917
	MILE TO SECURITY	7.00	REA	C H	10000000000000000000000000000000000000					Leye	(X)
Reach #: 1.0 Length (km): .57 Gradient (%): 8.1 US Elev (m): 762 Bars: None  Side	UTM(Zone/East Coupling: Decoup Confinement: Occasion Islands: NONE Diagonal  Mid-channel	led onally Conf	Mag Rip	gnitude: Order:	3 2 egetation	ı: Mixed C/D ıse: Not Specifie	Op	1000	Type: Zone: ter: Abs		d
	CHARLES FOR	1 - P	SIT	E 5		757	11-, W		36	C S W ME	
Site #: 264 Site Length (m): 125	Field UTM 9.638790.603 GIS UTM 9.638714.603				ncy: C172	2 Crew: e: Triton Environ	3.40	-,,		2002/09 errace)	/04
		C	HAN	NEL				Fa .	S/14.1	is, a	alt 1
No Vis.Ch.: ☐ Intermitter  Dewatered: ☐ Tribs  Stage: Low ✓  Med ☐		n): 0.00	0.5 0 0.2	0.9 0 0.3	# 6 6 3	Gradio Pool Dept	ent %:	Avg 4.75 0.00 ity.:	Min 3 0	7 0	# 4 6
High Ten	np (C): pH:		C	Conductiv	rity:				oderate[		lear
	planter of the second	MOR	PHO	LOG	Υ			100			
Bed Material: Dominant: G Subdominant: Co Channel Pattern: Straight Coupling: Decoupled Confinement: Unconfine Morphology: RP R	obble D (cm): Islands: I	5.00 None	DISTURINDIC						D2 D S4	Br	oan []
	1 1 1 1 1 1 1 1 1 1 1 1 1		COVE	R							
Total Cover: Abundant  LWD: Few  LWD Dist: Evenly Distribut  Right Bank: Shape: Slop  Left Bank: Shape: Slop  Right Bank: Rip.Veg: Mixe  Left Bank: Rip.Veg:	ing (g Texture: Fines 🗸 (ging (g Texture: Fines 🗸 (ging d C/D St	T Gravel		Bould Bould	der R	U DP S N Rock Manma Rock Manma	ade [			FSZ own Clos 1-20	sure )%

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Site 264

093L.046 2917

						1 - 1	PR	OJE	CT	11.97		A Party			1. He - 1/2	7) ±
Proje Stream Nar Project Watersh	ne (gaz.	): BUL	KLEY RI	VER				to Morice 0-000-00	3	00		Project (	Code:		5270	
		A TOTAL	FF %	S118		A 15 SA	WAT	ERS	HED		- J. 1700				alto (	
Gazetted Name	:							-	Charles Transport	Lo	cal Nam	e:		218-1-32	2000 - 1000	
Watershed Code: ILP Map# Field UTM (Z.E.N): GIS UTM (Z.E.N):	: 093L.0 : 9.6387	46 90.6035	014	LP#: 29		NID M	000-000 ap #: 09		N	ID#: 20 Site Lo	)264 g: 125		Method: HC	1.0	Site #: 264 Access: V4	
Dat	te: 200	2/09/04	1	Time: 08	:45		Agency:	C172	C	rew:	SG/SH		Fish Crd?		Incomplete:	
			7.15	7 4			CH	ANN	EL		25-4	10 May 100	· 1000 1000 1000 1000 1000 1000 1000 10		1 mp	
	Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gadie	ent % Mtd A	vg
Channel Width (m):	MS	0.70	0.80	0.50	0.80	0.90	0.70					0.73	Method I:	7.0		.75
Wetted Width (m):	MS	0.00	0.00	0.00	0.00	0.00	0.00		1			0.00	Method II:	4.0	3.0 C	
Pool Depth (m):	MS	0.00	0.00	0.00	0.00	0.00	0.00					0.00	No Vis.Ch		Intermittent [4]	
Wb Depth:	.2	.3	.2	1 Ave	g: 0.23		Method:	MS	St	age. I	M M	ПНП		1	Intermittent:   Tribs.:	
COVER				al: A						-3	•	L I				
Type:	SWD	TIV	VD	В	U	DF		ov I	IV	1 00	OWN C	OSURE				
Amount:	T	1 3		N	S	N		D	N	1		-20%				
Loc: P/S/O:					VII	100				1			N A A	M	v 🗀	
Texture: RIP: STG:	M										RIP	: M	e □ c □			
WEST 370 # 310	100						W	ATE	R	7 2			THE STATE			الما
EMS:										R	eq #:					
Temp:							od: T4			C	ond.:				Method: S3	
pH: Flood Signs:							od: P2			T	urb.: T	M	□ L □ C [		Method: GE	
-70%		- 20	9			N	IORF	HOL	OGY							劉八
Bed Material:		Dominan			Subdom	1: C				01	B1	B2	B3 D1 D	2 D3	3	
D95:	10.0	D (cm)	): 5.00		Morph	n: RP		DISTURE			Ш	Ш				
Pattern:								INDICA"	TORS	C1	C2	C3	C4 C5 S	1 S2	2 S3 S4	S5
Islands:																
Confinement																
Confinement: FSZ:								Ва	ars:	NV	SID	E	DIAG N	MID	SPAN E	BR
										TY.						
		2 - 195			As of a	HAI	BITA	TQU	JALII	ry	apple its		W. A.			
Name										omment	s					
Spawning Habitat							pawning	location	IS.							
OverWinter Habita Rearing Habitat	ı				ral stream		nd limite	ed pool/ru	in don't							
realing Habitat		1 001 -	due to e	Prientera	ai əu edil	i ilows a		O T-O			1000	3 Victoria	32 32 150	al faces		
Photo	E	ole.	S.F. 31		le le	Service Co			Ĭŀ.	5	1500					45
R: 98 F: 16		C Lg	-	D	D D	Dow	nstream	photo o	f site			Commer	nts	_		_
R: 98 F: 17		TD			J	_		noto of si						-		
						1-1-0										

#### Morice North Planning Area

each # ILP Map #

ILP#

Site

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2917

	COMMENTS
Section	Comments
CHANNEL	Ephemeral - sections of scoured gravel cobble channel with areas of overland flow.
CHANNEL	Inferred S4



Site #264, Downstream photo of site. Roll #98, Frame #16, Date: 2002/09/04



Site #264, Upstream photo of site. Roll #98, Frame #17, Date: 2002/09/04

Morice North Planning Area

Reach # ILP Map #

093L.046

ILP#

1.0

Reach #: 1.0	EAM REFERENCING	A REFER	REAL	ST			
Reach #: 1.0		000-000-000-0	-000-000	0000-0000-0000	000-00000-0		100000000000000000000000000000000000000
Length (km): 52 Gradient (%): 5.2 Gradient (%): 5.2 US Elev (m): 1000 Bars: None ✓ Side □ Diagonal □ Mid-channel □ Span □ Braid □ Landuse: Not Specified  SITE  Site #: 265 Site Length (m): 100 GIS UTM 9.634089.6036078  Reparatan Vegetation: Coniferous  SITE  Site #: 265 Site Length (m): 100 GIS UTM 9.634089.6036078  Reparation: Coniferous  SITE  Site #: 265 Site Length (m): 100 GIS UTM 9.634089.6036078  Agency Name: Triton Environmental Consultants (Terrace)  CHANNEL  No Vis.Ch.: □ Intermittent: □ Channel Width (m): 1.53 1.200 1.8 6 Bankfull Depth (m): 0.23 0.9 1.600 6 Bankfull Depth (m): 0.23 0.9 1.600 6 Bankfull Depth (m): 0.23 0.2 0.3 3  Turbidity: Turbidi Moderate □ Conductivity: 120  MOR PHOLOGY  Bed Material: Dominant: Gravels Subdominant: Cobble D (cm): 12.00  Channel Pattern: Sinuous Islands: None Coupling: Partially Coupled Confinement: Occasionally Confine Morphology: RP Riffle Pool  Total Cover: Abundant LWD: Few LWD Few LWD Distributed  LWD: Few LWD Distributed  Type: SWD LWD B U DP OV IV Amount T S T S N D N N Location: P/S/O: ✓ IV IV Location: P/S/O: ✓ IV	REACH	REACH	10		A Charles		
SITE	Couple Magnitude: 1 BGC Zone: SBS ally Conf Order: 1 Open water: Absent Riparian Vegetation: Coniferous	Magnitu nf Ord Ripariar	y Couple onally Co	oupling: Partiall inement: Occasi Islands: NONE	Confi	.52 5.2 1000	Length (km) Gradient (%) US Elev (m)
Site #: 265   Field UTM   Agency: C172   Crew: SG/SH   Date: 2002/09   Site Length (m): 100   GIS UTM 9.634089.6036078   Agency Name: Triton Environmental Consultants (Terrace)					F 75		100000
No Vis.Ch.:	Agency: C172 Crew: SG/SH Date: 2002/09/04	А	36078	The state of the state of	1,12.1.2.1	127 643	
Dewatered:	CHANNEL	CHANNE	4 14	-,-1,000	40% - 464		
Bed Material: Dominant: Gravels Subdominant: Cobble D (cm): 25.00 D (cm): 12.00  Channel Pattern: Sinuous Coupling: Partially Coupled Confinement: Occasionally Confine Morphology: RP Riffle Pool  COVER  Total Cover: Abundant LWD: Few LWD Dist: Evenly Distributed  Disturbance Distur	1.53     1.200     1.8     6     Gradient %: 2.50     2     3     4       1.30     0.9     1.600     6     Pool Depth (m): 0.29     0.200     0.35     4       0.23     0.2     0.3     3   Turbidity:: Turbid Low	1,200 1.8 0.9 1.60 0.2 0.3	m): 1.53 m): 1.30 m): 0.23	Wetted Width (I Bankfull Depth (I	bs.:	Trit	Dewatered: Stage: Low Med
Bed Material: Dominant: Gravels Subdominant: Cobble D (cm): 25.00 D (cm): 12.00  Channel Pattern: Sinuous Coupling: Partially Coupled Confinement: Occasionally Confine Morphology: RP Riffle Pool  COVER  Total Cover: Abundant LWD: Few LWD Dist: Evenly Distributed  Disturbance Distur		RPHOLO	MO	1000		NE TES	nes X
Total Cover: Abundant  LWD: Few LWD Dist: Evenly Distributed  Type: SWD LWD B U DP OV IV Amount: T S T S N D N  Location: P/S/O: V V V FSZ	ne DISTURBANCE O1 B1 B2 B3 D1 D2 D3 INDICATORS	INDICATO		Islands:	nally Confine	ling: Partially ent: Occasion	Cou
LWD: Few LWD Dist: Evenly Distributed  Amount: T S T S N D N  Location: P/S/O:	COVER	COVER	- 37 3		Salahar .	(0).	
Diable Dealer Characteristic T. C.	SWD         LWD         B         U         DP         OV         IV           T         S         T         S         N         D         N	LWD	t: T	Amoun	uted	ew	LWD:
Left Bank: Shape: Sloping (g Texture: Fines Gravel Cobble Boulder Rock Manmade 21-46 Right Bank: Rip.Veg: Coniferous Stage: Mature forest	avel Cobble Boulder Rock Manmade 21-40% e: Mature forest e: Mature forest Instream Veg: None Algae Moss Vascular	Cobble Barre forest	age: Matu	ture: Fines St	ping (g Tex	Rip.Veg: Co	Right Bank:
ND Manual Annual An			Ma			NID Type	NID Map. I
anni ete an					.6	5265 CV	093L.046
FISH	FIGU	CICH		We have a second	Town September	NAME OF STREET	11 Sec. 1
Site Number	Total Voltage Species Total Minimum Maximum	tal Volta	То				Site Number
265 EF 1 100 245 sec 300 NFC 0		sec 300	245		1	EF	265

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

1.0 093L.046

		Te Contract			W 3			PR	OJE	CT.			45.	377	571/6			2.3	
Pro	Proj Stream Na oject Waters		.): BUL	KLEY RI	VER						00		Project (	Code:			5270		
THE T		12574		(A) 12 (A)		A Miles	7.4	WAT	ERS	HED	Digur's		300	283	- 196	1 1	17(75	SER	7 1
Ga	zetted Name	e:									Lo	cal Nam	e:						
Field L	ershed Code ILP Mapa JTM (Z.E.N JTM (Z.E.N	#: 093L.0 ): ): 9,6340	946 989.6036	078	LP#: 29	934 Method:	NID M	ap #: 09	3L.046	R	Site Loter, Name	0265 g: 100 e:			od: HC	1.0	Acce	Site #: ess: V4	
3- 527		ate: 200	2/09/04		Fime: 09	:45	No. of Sons	Agency		10	Crew:	SG/SH	201112	FIS	sh Crd?	~	Ir	rcompl	ete:
بالسيال			Melt I		- 1		- U - 1	CH	ANN	EL		(F. 14)		1 4 7			Grant.	White a	13
Channe	-1 145 44- /1	Mtd	width	width	width	width	width	width	width	width	width	width	Avg	-		Gadie		Mtd	Avg
	el Width (m) d Width (m)		1.40	1.70	1.50	1.80	1.60	0.90					1.53	-	ethod I:	3.0	2.0	C	2.50
	ol Depth (m)	_	0.20	0.30	0.30	0.35	1,40	0.50					0.29	- IM	ethod II:	3.0	2.0	С	1
									-				0.20	No	Vis.Ch	.: 🔲 .	Intermi	ittent:	
	Wb Depth	.2	.2	.3	Avg	g: 0.23		Method:	MS	S	tage: L	M	VH		Dw	r: 🔲	T	ribs.:	
	COVER			Tota	al: A														
	Туре	SWE	LV	VD	В	U	DF		ov	IV	7 CR	OWN CL	OSURE						
	Amount	T		3	T	S	N		D	N	2	2	1-40%						
	Loc: P/S/O					V					INS	TREAM	VEG:	NV	A	M	VI		
	STO	P: C B: MF		SOURCE STATE	On State							STG							
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	EMS											eq #:					4 4		
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	Flood Signs							od: GE			T	urb.: T	M	_ L	C	~	Meth	hod: C	SE
The same of				-	- >>>														
1 1/2 /2	Art may	88	الله المالية	- 03			, N	ORF	HOL	OGY	. ,	34, 33	V.Smiles	100				37	Marine.
В	Bed Material		Dominan	t: G		Subdom	: C				01	B1	B2	B3 [	01 D	2 D3	3		
	D95	25.0	D (cm)	: 12.00		Morph	: RP		DISTURE		Ш						Ц		
	Pattern	: SI							INDICA.	TORS	C1	C2	C3	C4 C	25 S	1 52	2 53	3 S	4 S5
	Islands																	ITE	
	Coupling																		
C	confinement: FSZ:	100							В	ars:	NV	SIDI	E	DIAG	7 1	(ID	SPA	N	BR
	102												1						L
	RE NE	William or	- 25	Mary W	<b>.</b>		de la la	FEA	TUR	ES	54	SVE			· /#	19	100	1 m	Dec -
NID Map	NID	Туре	Hgt	Method	1 [	g N	Method	3746	Photo	CS STORY OF THE STORY		AirPl	noto			UTM (Z/	E/N)		Method
093L.046	and the second second second	CV	.6	MS	1	2	HC	R: 98	B F:	18 I	3		#:		9.6	34083.6	03607	5	GIS
Commen	ts: Photo of	culvert v	vith axe.																
10/2 11					Sind		HAE	BITA	T Qt	JALI	TY	1884	100	93			-1,12	17 31	THE -
	Name									C	Comment	s		Sa .		E-S			
	vning Habita	_							over and	spawnir	ng locatio	n (tailou	ts of dee	ep runs).					
	Winter Habit					itable po				,									
Rea	aring Habitat		Good -	due to p	perennia	l stream	flows, a	bundant	overhea	ad cover									

#### Morice North Planning Area

Reach# ILP Map # ILP # Site
1.0 093L.046 2934 265

	Y 10	- #				PHOTOS
F	Ph	oto		Foc Lg	Dir	Comments
R:	98	F:	18	STD	U	Upstream photo of culvert perched 0.10 m.
R:	98	F:	19	STD	D	Downstream photo of typical habitat.
R:	98	F:	20	STD	U	Upstream photo of typical habitat.
	1		NYA		ii - ii	WILDLIFE
	Gr	oup				Observations
	M.	AM		4 Grizzly bears (1 sow,	2 last year and 1	this year's cubs). Very healthy.
	3	25110	51		1000	COMMENTS
		Sec	tion			Comments
		SITE	CARD	CV is passa	ble under higher f	flows, perched 0.10 m ~7% slope, potential velocity barrier.
		CHAN	INEL	S6		

#### Morice North Planning Area

Reach # ILP Map # ILP#

Watershed Code:

1.0

093L.046

- 1	Way 2	X 1:			e (6)		1	WAT	ERE	3 O D	Y		All Park			
Gaz	etted Nam	e:									Loca	al:				
F						00-0000-00										
14			-000000	-00000-	00000-00	000-0000-00	00-00						U D #	0004	Describility	
.,,	aterbody II Project II		0					ILP Ma	ар#: О	93L.04	Lake/St	eam:	ILP#:	2934 Lake I	Reach #: From Date:	1 -
F	ish Permit	#: 1	45269		Date:	2002/09/04		To:	2002/	09/04	Age	ency:	C172	Crew: SG/	SH Resa	ample:
J. 19			2.10	Wir .		C. M. Carrie	S	ITE	MI	ETH	OD	p.		42		<b>的手心</b> 那
Site#	NID Map	N	D#	UTM:2	Zone/Eas	st/North/Mth	d	MTD/N	TON	emp	Cond	Turb	id	and the second	Comment	
265	20 May 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							EF	1	9	120	C				
	gð				3 164.		1	GEA	RSI	ETT	INGS		· A.			
Site#	MTD/NC	H/P	Da	te In	Time In	Date 0	Out	Time C	Out				С	omment		
265	EF 1	1	2002	/09/04	09:45	2002/09	9/04	10:0	8							
	1 - 1	7			C. E	LECT	RO	FISH	ER	SPE	CIFI	CA	TIONS	A Very		127 earl
Site#	MTD	NO	H/	P	Encl	Sec	L	ength.	V	Vidth	Vol	tage	Frequency	Pulse	Make	Mode
265	EF	1	-		0	245		100.0	15	1.6	30	00	60	6	SMITH ROOT	12B
		-	i (Ma	1 4	3,7		F	ISH	SUN	MA	RY		W. Levis	. X-11000		7 6
Site#	MTD	NO	H/P	Spe	ecies	Stage	Age	e   1	Total #	Lgt	h (Min/M	ax)	FishAct		Comment	
265	EF	- 1	1 1	NF	C				0			_				



Site #265, Upstream photo of culvert perched 0.10 m. Roll #98, Frame #18, Date: 2002/09/04



Site #265, Downstream photo of typical habitat. Roll #98, Frame #19, Date: 2002/09/04



Site #265, Upstream photo of typical habitat. Roll #98, Frame #20, Date: 2002/09/04

**Morice North Planning Area** 

Reach # ILP Map #

ILP#

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093L.046

	30 P	3700	-20		SIR	EAMR	EFER	ENC	ING			1-12-
Gazetted N	2000								cal Name:			
Watershed	Code: 0	00-0000	000-00000-	-00000-0000	-0000-00		227000	00	ILF	Map #: 093L.0	046 I	P#: 2912
			e de la company	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		RE	ACH				market San Jan Jan St.	The state of the s
Reach #: Length (kn Gradient (% US Elev (n Bars: None	n): 1.23 6): 5.1 n): 1042	te 🗆	Con	UTM(Zond Coupling: P Infinement: O Islands: N	artially C ccasiona ONE		Magnitu Oro Riparia	de: 3 ler: 2 n Vege	3 station: Con Landuse: No		Sample Type: BGC Zone: Open water: Ab	No. of the second
Burs: None		56	Diagonal		arrice	10.8	ITE	- 11 15	Landuse. IN	or opecined		HRID-IT E.
Site Site Lengt	#: 266 th (m): 22	5	Field U	JTM UTM 9.63424	12.60354		A	4	C172 Name: Trito		G/SH Date: tal Consultants (*	2002/09/04 Геггасе)
	,	.7.		THE WAY		CHA	NNE	L	emple te		Lag Broken	-Tel-
No Vis.Ch	.: 🔲 ln	termitte	ent:			Avg M	lin Ma	IX	#		Avg Min	Max #
Dewatered	1: 🔲	Trib	s.:	Channel W		THE RESERVE OF THE PARTY OF THE	.4 2.		6	Gradient %		5 4
Stage: Lov	w 🔲		-	Wetted W Bankfull De		100	300 2	_	6	Pool Depth (m	): 0.26 0.200	0.300 4
	d 🗸		V 1637		0.00	0.20   0	.1 0.:		3	Tur	bidity.: Turbic	= =
High	h_	Te	mp (C): 8	р	H: 7.0		Condi	activity:	: 100		Moderate	Clear ✓
	Hall Service	go of the	~ 3 63			MORP	HOLC	GY	offer the second			
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	to the property of	No.	YOU T			CO	VER	1236				
Total Cover	r. Abunda	int			Type:		LWD T	В	Ιυ	I DP I	ov I iv	1
	): Few	3.55		A	mount:	T	D	T	S	N	T N	1
LWD Dis	77373	Distribu	ited [	Location:	P/S/O:			1				FSZ:
Right Bank Left Bank Right Bank Left Bank	c Sha			exture: Fines	Gra Stage	vel Cob vel Cob e: Mature for e: Mature for	oble E	oulder	Rock	Manmade Manmade Manmade		rown Closure 1-20%
The sea	7 - 5					The state of the s	FEA	TUR	RES			
NID Map	NID	Туре	_	Method	Lg	Method		Photo		AirPh		UTM (Z/E/N
093L.046	25266	CV	.9	MS	13	HC	R;	F:	L:		#:	9.634236.6035
Commen	is: Fully p		e (photo no	п такеп).								
	1	20-00	ografijaji (*)	'ey ji		COLUMN TO SERVER STORY	ISH				15 July 1	Maria Land
Site Number			Number			Total Time	Volt	age	Species	Total	Minimum	Maximum
	Met	nod	Events	(m	1)	Time				Fish	Length (mm)	Length (mm)

#### Morice North Planning Area

Reach # ILP

ILP Map #

ILP#

Site

Pro	Stream I	Name (ga	z.): BU	FHI within LKLEY RI	VER						0	Proje	ect Code:			5270		
132734	Sakal,	- Property	The state of	MACK!	Step Miles	A. M. S.	WH37	WAT	ERSH	IED.	Barra .	Jan 1	1	\$ - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	W. S. W.		116	
	etted Na								ULP TO		Lo	cal Name:						
Wate	ershed Co	de: 000-	000000-0	0000-000	00-0000	-0000-0	00-000-0	000-000	-000-000									
	ILP Ma	p#: 093L	046		LP#: 29	112	NID M	ap #: 09	3L.046	NI	D#: 20	0266	Reach #:		5.0	Sit	e #: 26	36
	TM (Z.E				٨	Method:					Site L	g: 225	M	ethod: H	IC	Access	: V4	
GIS U	ITM (Z.E	.N): 9.634	4242.603	5454						Re	f. Name	e:						
		Date: 20	002/09/04	1 7	Time: 10:	:25		Agency:	C172	C	rew:	SG/SH		Fish Cr	d?: 🗸	Inco	mplet	e: 🗌
	960.38		1000		2005010				ANNE		2000	SEREN		Sister S				
		Mtd	width	width	width	width	width	width	width	width	width	width A	-		Codi	ant 9/	- T	IIIS S
Channe	el Width (	_		1.40	1.60	2.10	1.70	1.40	Widai	Widui	widui		vg 63	Method	Gadie 11: 5.0	3.0	Mtd C	Avg 3.25
	d Width (		-	0.80	1.00	2.00	1.20	1.10					20	Method		2.0	C	0.20
Poo	l Depth (	m): MS	0.20	0.30	0.30	0.25			- = -	137		0.	26					
	Wb Dep	that a	1 4	1 2	1	0.00				-				No Vis.		Intermitte	_	1
-			.1	.3		: 0.20	,	Method:	MS	Sta	age: L	$\square$ M $\square$	н		Dw:	Trib	s.:	1
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	Amou		_	D	T	S	N		T	N	1							
	Loc: P/S	/O: V				<b>V</b>		V			INS	TREAM VE	G: N	V A	M	v 🗌		
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	- , )/2004		20%	1			3/15/2	W	ATER		-,510	100		1100			× **	
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		np: 8						od: T4			C	ond.: 100				Method	d: S3	
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	lood oig	15. 140116					1.0.0											
SULL STATE					i i Ego	- 25	N	ORP	HOL	OGY	400	A. 30. 1				( ) MI	겠어나	
В	ed Mater	ial:	Domina	nt: G		Subdom	n: C				01	B1 B2	B3	D1	D2 D	3		
	D	95: 30.0	D (cr	n): 12.00		Morph	: RP		DISTURBA	ANCE								
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093L.046	25266	CV	.9	MS	1	_	HC	R:	F:	L:		#	_	-	9.634236.0		1 "	GIS
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	359	* He	W. JVI	1000	Part I	1/2 1/2	HAI	BITA	TQU	ALIT	Y		12/2-12-	े प्राचीत			71-	SE 11
(A)	Name		in dec		E III	251						LO WEEK			3//55///			
Spaw	ning Hat	itat	Good	- due to a	abundan	t gravel				CC	mment							
	Vinter Ha		_	- due to li		-					-	_					_	
Rea	ring Habi	tat		- due to a				rcut ban	k cover, a	and deep	er runs							

Morice North Planning Area

Reach #

ILP Map #

ILP#

Site 266

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	Ph	oto		Foc Lg	Dir	Comments	
R:	98	F:	21	STD	D	Downstream photo of typical habitat with LWD.	
R:	98	F;	22	STD	U	Upstream photo of typical habitat with axe.	
R:							
			40621			COMMENTS	
		Sec	ction			Comments	
		SITE	CARD	CV is fully p	assable under all	flow conditions.	
		CHAI	NNEL	S6			

#### Morice North Planning Area

Reach #

ILP Map #

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Watershed Code:

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Gaz	zette	Name										Loc	al·					
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14		ody ID		00000-	00000-	00000-00	/00-0000-	000-00			093L.0	40		ILP#:	2912	Reach		2
.,		ject ID							ILP	wap #.	0931.0	Lake/St	ream.	7625 744		e From Date		-
	- 100					_			-				, cuiii		Luit	ic i rom ban	-	
F	ish P	ermit #:	14	5269		Date:	2002/09/0	04	To	: 200	2/09/04	Ag	ency: (	C172	Crew: S	G/SH	Resar	nple:
17/12		3 19		-10	7, 31	Lean (P)		S	ITE	IN	IETH	IOD	- Topony	in the	TO VIEW		10.1	E 3.4.1
Site#	NI	D Мар	NID	#	UTM:	Zone/Eas	t/North/M	thd	MTE	)/NO	Temp	Cond	Turbi	id		Commen	t	
266	09	3L.046	202	66				GPU	EF	1	8	100	С				-	
	1.31	05 %			e.	(A) (A) (A)		A. 0	EA	RS	ETT	INGS	波感		V. Or Jan.			
Site#	M	D/NO	H/P	Date	ln	Time In	Date	Out	Time	Out		- Company	and the second	C	omment		and the second	N SHIP OF SHIP
266	EF	1	1	2002/0	9/04	10:25	2002/	09/04	10:	:45								
	7	THE SH				C. E	LECT	RO	-15	HER	SP	ECIF	CAT	TONS	AL STORY		-151	1 V 1 1 1 1
Site#		MTD/N	10	H/P		Encl	Sec	L	ength		Width	Vol	Itage	Frequency	Puls	se M	lake	Mode
266	E	F	1	_ 1		0	365	1 5	225.0	1	1.6	4	00	60	6		HTIN	12B
30.000	COLUMN TO SERVICE	-		avenue in	and an are		5 F. D. W.						Talment II	than the same of	III SALESSA	R	TOO	
2.7		- 11	-,				1	- (- <b>(-</b> 7)	SH	SU	MMA	IRY		以上的数:				
Site#		MTD/N	10	H/P	-		Stage	Age		Total	# Lo	gth (Min/N	fax)	FishAct		Comm	nent	
266	E	F	1	1	N	C	-			0								
	90	9(1)	asir Via		10,50	1 30	1019	SE OF	CO	MM	ENT	S	Total P		<b>市</b> 加州			11 211-144
	S	ection										Comn	nents					



Site #266, Downstream photo of typical habitat with LWD. Roll #98, Frame #21, Date: 2002/09/04



Site #266, Upstream photo of typical habitat with axe. Roll #98, Frame #22, Date: 2002/09/04



Site #266, Downstream photo of typical habitat. Roll #98, Frame #23, Date: 2002/09/04

Morice North Planning Area

Reach # ILP Map #

ILP#

6.0 093L.046

	STRE	A M	REF	ERE	ICIN	G				8. V
Gazetted Name:					Local Na	ame:				
Watershed Code: 000-000000-00000	-00000-0000-0000-000-	000-0	00-000-0	000-000		ILP Map #: 093L.04	6	IL	P#:	2868
	<b>经验证证</b> 为证据	#	REA	CH		11 15 45		3 m		1 3 3
Reach #: 6.0 Length (km): 2.97 Gradient (%): 3.1 US Elev (m): 943 Bars: None Side Diagonal	UTM(Zone/East/Nord Coupling: Coupled Infinement: Frequently Coupled Islands: NONE		Mag Rip	gnitude: Order:	4 getation		20.00	Type: Zone: ater: Abs		d
MARKET TO THE STATE OF THE STAT	The Market St.		SIT	E			弘志朱			
	JTM UTM 9.635830.6031395			Ager	cy: C17 ncy Nam	2 Crew: SG e: Triton Environmental	/SH Consu		2002/09 errace)	/04
		C	HAN	NEL						
No Vis.Ch.: Intermittent: Dewatered: Tribs.: Stage: Low	Channel Width (m): 9	Avg 9.32 6.47	Min 6.5 5.800	Max 14.30 7.300	6	Gradient %: Pool Depth (m):	Avg 4.75 0.58	Min 3 0.400	Max 6 0.800	4
Med ☑ High ☐ Temp (C): 7	Bankfull Depth (m): (pH: 6.8	0.87	0.6	1,2 Conductiv	3 ity: 50	Turbi		Turbid oderate		Low _
Control of the second	Same Pile In N	1 O F	RPHO	LOG	Y		5-1-2	2 (2) n N		
Bed Material: Dominant: Cobble Subdominant: Gravels Channel Pattern: Irregular, Wanderin Coupling: Coupled Confinement: Confined Morphology: RP Riffle Pool	D95 (cm): 40.00 D (cm): 17.00 g Islands: Frequ	)	DISTU	RBANCE ATORS				D2 D	Br	an ☐ aid ✔
	The spot of the second	30	COVI	R		<b>"二次规模的</b> "	10	3/10 11		
	Amount: Location: P/S/O:		S	Bould	ler F	U DP O T T C Rock Manmade		IV N Cro	FSZ own Clos	ure
Left Bank: Shape: V - shape T Right Bank: Rip.Veg: Coniferous Left Bank: Rip.Veg:	exture: Fines Grave Stage: I Stage: I	Matur	Cobble e forest e forest	✓ Bould		Rock Manmade Manmade Am Veg: None ✓ A	lgae 🗌	Moss	1-20	

#### Morice North Planning Area

Reach # ILP Map # ILP#

Site

6.0

093L.046

2868

Barra Maria							PR	OJE	C T	e de	T in the	T/U			170 -	大力工作 学生155mg	The state of	
Proje Stream Nar Project Watersh	ne (gaz	.): BUL		VER						00	·	Project C	ode:			5270		
Charles Charles	HAR	453		S1-A80	0. 6.05	JEM	WAT	ERS	HED		"能"				No.			
Gazetted Name Watershed Code ILP Map# Field UTM (Z.E.N) GIS UTM (Z.E.N)	: 000-00 : 093L.0	046	11	P#: 28			000-000- ap #: 09:		N	Lor ID #: 20 Site Lor ef, Name	g: 200		ch #:		5.0	Acces	Site #: 2	67
		2/09/04		ime: 12:	-15		Agency:	C172		crew:	ec/en		6	ish Crd?		lo	comple	to:
Da	ie. 200	12/09/04	i comand	mie. 12.	.10	11	10-1-			rew.	36/30	High respons		Sir Ciur.	. V	THE STREET	comple	te.
	69. S.M.		1, -		8 (C. T.)	de a	and the same of	ANN	- I secondario	15000		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1				in a second	
Channel Width (m): Wetted Width (m): Pool Depth (m):	HC HC MS	width 10.10 7.30 0.80	width 14.30 6.20 0.50	9.80 6.90 0.60	7.30 6.10 0.40	6.50 5.80	7.90 6.50	width	width	width	width	9.32 6.47 0.58	-	lethod I: ethod II:	4.0 3.0	6.0 6.0	Mtd C C	4.75
Wb Depth:	1.2	.6	.8	Avg	g: 0.87	N	Method:	MS	St	age: L	□ М	<b>V</b> H [		o Vis.Ch Dw		Intermit Tr	ttent:	
COVER				al: A								L. L. STATE						
Type: Amount: Loc: P/S/O:	SWI		ND S	B T	T	DF	2	D D	IV N	1		-20%		A				
Texture: RIP STG:	C MF	G	c V	ВП	R 🗌 A		, w	ATE	R	R	RIP STG	:C	G	c v	В	R	A	
Temp: pH: Flood Signs:	6.8	debris 0.	.6 m			Metho	od: T4 od: P2 od: GE			10.2	ond.: 50 Turb.: T	□ м	□ r	_ c	<b>V</b>		nod: S3	
1 11 11 11	MIL CO	10-25-		10.0	0.53	N	ORP	HOL	OGY	124-6	FI TO	- T			# 'T	10° 7-7		1 (11)
Bed Material: D95: Pattern: Islands: Coupling: Confinement: FSZ:	40.0 IR F CO CO	Dominan D (cm	nt: C ): 17.00	1	Subdom Morph			DISTURE INDICA B		01 C1	B1 C2 SID	C3		D1 D C5 S				S5
111. W	No.	1 7 1	E-1-1	1,3	77.	HAI	BITA	T Q L	JALI	ΓY		17	Na.			1 di	12.5	and they in
Name				in the second						ommen								
Spawning Habital			- abunda						n and poo	ol tailout	s).							
OverWinter Habita Rearing Habitat	it .		- deep ru - due to a				d deeper	pool up		residua	l depth.							
	Land.	200		3 8 7		413 63	PH	ото	S	1.	1	1.0		= $f$		11.17		
Photo 8: 98 F: 24		oc Lg STD	-	Di		1/	tracer at	nte ett	unical but	hitet		Comme	nts					
R: 98 F: 24 R: 98 F: 25		STD		- [	)		_	_	pical hal	and the self-of-the self-		ims.	-					-

Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

6.0

093L.046

2868

A Company	COMMENTS
Section	Comments
CHANNEL	S2 (NFC)

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

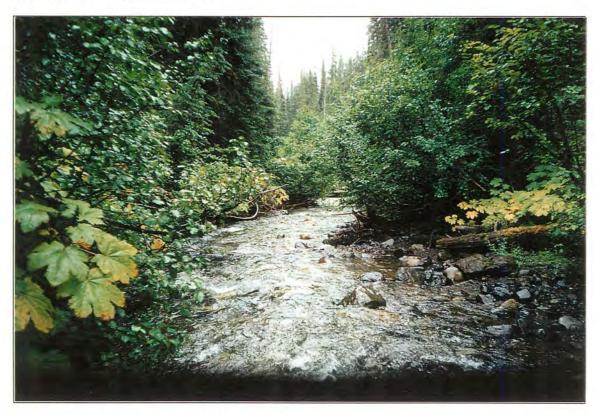
6.0

093L.046

WS Waterbo Proje Fish Per	Code: 460-000 Code: 000-000 ody ID: ect ID: 5270	000-00000-00	000-0000-0000-		0-000-0		000		ii: Em	erson Creek			
WS Waterbo Proje Fish Per	Code: 000-000 ody ID: ect ID: 5270	000-00000-00	000-0000-0000-		0-000-0	00-000-0	000	6					
Waterbo Proje Fish Per	ody ID: ect ID: 5270			000-00				6					
Proje Fish Per	ect ID: 5270	69 I	2.1		ILP Ma	p#: 09	3L.04	h		tt m 11	0000		0.
Fish Per		69 I	2-1 2000/00/							ILP#:			-
3/1/2	rmit #: 1452	59 I	2-1 0000/00/					Lake/Stre	eam:	S	Lake Fro	m Date:	
Site# I NID			Date: 2002/09/	04	To:	2002/09	9/04	Age	ncy: C	172	Crew: SG/SH	Resan	nple:
Site#   NID		SEASON	11/2-11 11	S	ITE.	ME	TH	O D	0/				
	Map   NID#	UTM:Zoi	ne/East/North/M	lthd	MTD/N	IO Te	emp	Cond	Turbid		Co	omment	100000000000000000000000000000000000000
267 093L	046 20267	1000		GPU	EF	1	8	50	С				
	7" ±		T. U. T.	A. (	GEAF	RSE	TTI	NGS		大震点		23/20/20	
Site# MTD	D/NO H/P	Date In 7	ime In Date	Out	Time C	Out				C	omment		
267 EF	1 1 2	002/09/04	12:15 2002/	09/04	13:15	5							
	Maria .	Family (	ELECT	RO	FISH	ER S	SPE	CIFI	CAT	IONS	Ar de Salle		
Site# N	MTD/NO	H/P E	ncl Sec	L	ength.	Wi	idth	Volta	age	Frequency	Pulse	Make	Model
267 EF	1	1 (	737		225.0		8.0	60	0	60	6	SMITH	12B
- 3	WE 26 3		STORY OF STREET	F	ISH	SUM	MA	RY	- 1911	81.4		KOOT	F
Site#   N	MTD/NO I	H/P Specie	es Stage	Age	e T	otal #	Lati	h (Min/Ma	ix)   F	ishAct	E TO 1 E STORY	Comment	
267 EF	1 1	1 NFC				0	-0-						
			20-47	14	CON	MEN	NTS			6 7 3	ni si tibog	·····································	· 文字
Sec	tion				2007/00/00	With the last	The Control	Comme	ents	Life-s named probable	S == 3.080	de sint-	



Site #267, Upstream photo of typical habitat with LWD jams. Roll #98, Frame #24, Date: 2002/09/04



Site #267, Downstream photo of typical habitat riffle. Roll #98, Frame #25, Date: 2002/09/04

Morice North Planning Area

Reach # ILP Map #

ILP#

2.0

093L.046

2885

Gazetted Na	me:							9	ocal N	ame:			
Watershed (	Code: 00	0-000	000-00000-	00000-0000-	0000-0	00-000-00	00-000-	000-000		ILP	Map #: 093L	046	LP #: 2885
11/18							REA	CH	oct of	11.			
Reach #: 2 Length (km) Gradient (%) US Elev (m) Bars: None	: .40 : 5.5 : 841	e 🗌		UTM(Zone Coupling: Pa finement: O Islands: No	artially ( ccasion ONE	Couple	Ma Rij	.6032429 gnitude: Order: parian Ve	2 getatio		ferous t Specified	Sample Type: BGC Zone: Open water: Ab	
9,38,548				Alleria Cl	, r - a ,	(40)	SIT	E	10.00		REP.		1-1-1
Site # Site Length		):-	Field U	TM JTM 9.63777	2.6032	263			cy: C17		3057	SG/SH Date: ntal Consultants (	: 2002/09/04 Теггасе)
W. N. N		1389			we have	C	HAN	NEL	197	78		7 7 7 8 8	
No Vis.Ch.: Dewatered: Stage: Low Med High			ent: 🗸 os.: 🗌 📮 mp (C): 8	Channel Wi Wetted Wi Bankfull De	dth (m)	0.90	Min 0.800 0.5 0.2	1.8 1.600 0.4	# 6 6 3	E	Gradient Pool Depth (i	133	i Low
	- In	,,,,	(e). c	P.		MOD		LOG	2 1 1 1	V		- Moderate	Glear E
Confine	attern: St pling: Pa ment: Co plogy: C	artially onfined	4.		nds: No	one		RBANCE CATORS C2 C	01 3 C	B1 4 C5	B2 B3 S1 S	D1 D2 32 S3 S4	D3       S5 
A PAR		3.1		And oran	216		OV	ER		250	- 1 yu	aliji	
Total Cover: LWD: LWD Dist:	Few		ited [	Ar Location:	Type: mount: P/S/O:	SWD	LWI	В		U S	DP T	OV IV	FSZ:
Right Bank: Left Bank: Right Bank: Left Bank:	Shap	pe: V - pe: Slo eg: Co	shape To	exture: Fines exture: Fines	Gr Stag		Cobble Cobble forest forest		er		Manmade Manmade g: None		rown Closure 1-20%
NID Map	NID	Туре	Hgt	Method	Lg	Metho	od	Phot	0	7	AirP	hoto	UTM (Z/E/N
	25268 Perche	CV	.9	MS	15	MS	R:	97 F		L:		#:	9.637777.6032
		rjane.	WV	2 - 1	= 59	20 W/W 1	FIS	Н	e all a	990	11 370;	1. 1	
Site Number	Captu Meth		Number of Events	of Length (m		Tota Time	I I	Voltage	Sp	ecies	Total Fish	Minimum Length (mm)	Maximum Length (mm)
268	EF		1	18	5	257 se	ес	600	1	NFC	0		

STREAM REFERENCING

Morice North Planning Area

Reach# ILP N

ILP Map #

ILP#

Site

2.0 093L.046

2885

1			N W A		15.60		17 PM	PR	OJE	СТ	The state of			100				74	02
	Proje Stream Nan ect Watersh	ne (gaz.	): BUL		VER						000	F	roject C	ode:		ŧ	5270		
						104		WAT	ERS	HED	的成品		3114 376				To - "III"	this at	111
Gaz	etted Name:	TIT.									Lo	cal Name	9;						
Water	rshed Code:				00-0000 LP#: 28			000-000 ap #: 09			NID#: 20	0268	Rea	ch #:	2.0	0	Site	e #: 26	88
Field U	TM (Z.E.N):					Method:					Site L	a: 250		Metho	od: GE		Access:	V4	
	TM (Z.E.N):		72.6032	263						F	Ref. Name			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	Det	200	2/00/04	7	Times 42	.16		A	0170		Comm	ec/eu		-	L 0-10.				
		e: 2002	209/04		Time: 13	.10		Agency:			Crew:	3G/3H		FIS	h Crd?:	~	Inco	mplet	е: 📋
393			, n	3 h.s	100				ANN	-	1/2			3 - F		1	191	<u> </u>	
01	145.41. ()	Mtd	width	width	width	width	width	width	width	width	width	width	Avg	-	_	Gadien	_	/td	Avg
	Width (m): Width (m):	MS	0.70	0.80	1.10	1.80	0.80	0.70		150	100		0.90		thod II:	_	0.0	C	9.75
	Depth (m):	MS	0.70	0.30	0.30	0.30	0.00	0.70					0.90	Ivie	ulod II.	13.0	0.0	C	
					100.0	1111					-			No	Vis.Ch.:		ntermitte	nt: 🗸	
	Wb Depth:	.2	.4	.4	Avg	g: 0.33	1	Method:	MS	5	Stage: L	M	H	]	Dw:		Trib	s.:	1
	COVER			Tota	al: A														
	Type:	SWD	LV	VD	В	U	DF		ov T	IV	CR	OWN CL	OSURE						
	Amount:	T		Т	T	S	T		D	N	1	1	-20%						
	Loc: P/S/O:	VO	V			V	~	V			INS	TREAM	VEG:	NV.	AIN	V			
	LWD:	E		D	IST: E			- "			3								
				U	101. L							EDINE.	2						
	LB SHP				D .	n .	. —				9	RB SHP			0 =			-	
			G	C	ь	к 🗀 .	,							G	c 🗸	В	K L P		
	RIP:											RIP:							
	STG	YF										STG	ME						
10 -		-121-71	150	9.03	- 19	e [,-,,	10	W	ATE	R	in Wall		245	UK S	-89	3			
	EMS:			-							R	eq #:							
	Temp:	8					Meth	od: T4			C	ond.: 90					Method	d: S3	
	pH:	6.6					Meth	od: P2			7	Turb.: T	ПМ	- L	ТСС	7	Method	t: GE	
F	lood Signs:	None					Meth	od: GE					Ц						
X = 1	- X	-115-	197.3					ORF	HOL	OGI	aly is 9		ente de	25.7	19 19 1	1 7.7		· NE	
R	ed Material:	Г	Oominar	t G		Subdor	n. C				01	B1	B2	B3 D	1 D2	D3			
2,	D95:			): 8.00			h: CP				П			ПП	TIT	III	1		
	Pattern:					7,50		ı	DISTURI		61	02	CO	C4 0	E 04	CO	00		OF.
	Islands:								0.4-1-40		C1	C2	C3	C4 C	5 S1	S2	S3	S4	S5
	Coupling:																		
C	onfinement:																		
	FSZ:								В	ars:	NV	SIDE		DIAG	MI	ID	SPAN		BR
	20 20 -0.151		New York	\$		No.	Mariana		-			ASSESSED OF THE PARTY OF THE PA			SE WEEN				
		100	450,000	2.3	-6.		en s	FEA	TUR	ES	7/1-5					march!		-,-	المتها
D Map		уре	Hgt	Method		•	Method	101.0	Photo			AirPh				ITM (Z/E		N	lethod
3L.046	25268 C	0.5 m w	.9	MS	1	15	MS	R: 9	7 F:	01	L:		#:		9.63	7777.60	32312		GIS
Sommen	S. I CICIEO	0.0 III W	ur out p	UUI.	- N. C. A. S. C.		7.40		*		736							1	-
		15 30	16	Chr 3	472	Will to	HA	вик	T Q	53000	William To	4.5	140	MAN HE	商品				4 3
	Name		10								Commen	ts							
	ning Habita Vinter Habita			due to la	_						tions. tering hal	hitat							
	ring Habitat										to 0.4 m)		ed with	I WD an	d boulde	rs		-	_
	- a		1200						-Poi Po	10.0	!!!		- retui						

#### Morice North Planning Area

Reach # ILP Map # ILP # 2.0 093L.046 2885

Site

	Ph	oto		Foc Lg	Dir	Comments							
R:	97	F:	01	STD	U	Upstream photo of 0.5 m perched culvert.							
R:	97	F:	02	STD	D	Downstream photo of typical habitat with hat.							
R:	97	F:	03	STD	U	Upstream photo of typical habitat, bouldery section of channel.							
R:	97	F:	04	STD	u	Upstream photo of steep section (15%) of boulder/gravel.							
	1				r - Far take	COMMENTS							
	Section					Comments							
						am channel changes ~200 m downstream of road crossing - channel becomes boulder/gravel with 15% channel widths (1.8, 1.7, 1.8, 2.2, 1.8, 1.10, 2.0, 1.9)							
CHANNEL CV is a full barrier to fish.													
=		CHA	NNEL	Inferred S4									

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

2.0

093L.046

. Va	一次	William .	7#	3, 4		12127		W	ATE	RBO	DY					1/200	AND THE		
Gaz	zette	d Name:										Loca	al:						
F	Proje	ct Code:	460-0	000000-	00000-0	00000-00	00-0000-000-	0-000	00-000-	0-000									
	W	S Code:	000-0	000000-	00000-0	00000-00	00-0000-000-	0-000	00-000-	000-000	)								
Waterbody ID:							ILI	ILP Map #: 093L.046 ILP #:							2885 Reach #: 2 -				
	P	oject ID:	5270								La	ke/Str	eam:	S	L	ake Fron	m Date:		
Fish Permit #:			14	145269 Date: 2002/09/0				To: 2002/09/04				Agency: C172			Crew: SG/SH Resample:				
33	411	. 1	63	200		Make	1 5 3	SIT	E /	MET	НО	D	Ž.		15		·		
Site#	N	ID Map	NID# UTM		UTM:Z	M:Zone/East/North/Mthd			MTD/NO		0	Cond Turb		id	Comment				
268	09	3L.046	202	20268			GP	UE	F 1	8	4 5	90	С						
	PAN		11	7		= -0.45	Α.	GE	AR	SET	TIN	GS						The second	
Site#	M	TD/NO	H/P Date In Time In		Date Out	Ti	Time Out		and grade and	Comment									
268	E	F 1	1	2002/0	9/04	13:15	2002/09/0	1	14:00	4:00									
1.000	6.1	West of	400			C. E	LECTRO	FI	SHE	RSF	EC	IFI	CAT	TIONS	58 34 B	4		क्षेत्र प्राप्त -	
Site#	MTD/N		10	O H/P		Encl	Sec	Leng	gth	Width	1	Voltage		Frequenc	y P	ulse	Make	Mode	
268	E	F	1	1		0	257	185	5.0	1.7	1	60	0	60		6	SMITH	12B	
				\$ 11.20				18	H St	MM	AR	Y	153	机器等部		5 (112A) 2 (112A)		17-57-000	
Site#	T	MTD/NO H/P Species Stage		Stage /	ge	ge Total# Lgtt		gth (	n (Min/Max) FishAct			Comment							
268	E	F	1	1	NF	С				0									



Site #268, Upstream photo of 0.5 m perched culvert. Roll #97, Frame #01, Date: 2002/09/04



Site #268, Downstream photo of typical habitat with hat. Roll #97, Frame #02, Date: 2002/09/04



Site #268, Upstream photo of typical habitat, bouldery section of channel. Roll #97, Frame #03, Date: 2002/09/04



Site #268, Upstream photo of steep section (15%) of boulder/gravel. Roll #97, Frame #04, Date: 2002/09/04

Morice North Planning Area

Reach # ILP Map #

ILP#

.0 093L.046

		STRI	EAMR	EF	ERE	NCII	NG			-31Fr		
Gazetted Name:						Local	Name:					
Watershed Code: 000-000000-0	0000-00000-0000	-0000-000	-000-000-	000-0	00-000		ILF	Map #: 093L.04	16	IL	P#:	2874
	10000000	/台灣	R	EAC	H		40.0				7 = 5	2/5
Reach #: 1.0	UTM(Zone	e/East/No	rth): 9.63	7161.6	603298	0			Sample	Type:	Rande	om
Length (km): .50	Coupling: P	artially Co	ouple	Mag	nitude	: 1			BGC	Zone:	SBS	
Gradient (%): 3.8	Confinement: O	ccasional	ly Conf		Order	: 1		0	pen wa	ter: Abs	ent	
US Elev (m): 881	Islands: N	ONE		Rip	arian V	egetati	on: Con	iferous				
Bars: None 🗹 Side 🗌 Diag	onal Mid-cha	annel 🗌	Span [	Br	aid 🗌	Lan	duse: N	ot Specified				
		. 14.		ITI	E.	3 / 12 p	lain al		r. 1	13550	(Ship)	20/2-10
Site #: 269 F Site Length (m): 175	ield UTM GIS UTM 9.63747	6.603304	6			ency: C		Crew: SG	S/SH I Consu	0.000	2002/09 errace)	9/04
100000000000000000000000000000000000000		THE PA	CH	ANI	NEL	F (107)			F813	11 10-		
No Vis.Ch.: Intermittent:			Avg I	Min	Max	#	7		Avg	Min	Max	#
Dewatered: Tribs.:	Channel W	idth (m):	0.55 0.	400	0.800	6	1 [	Gradient %:	7.50	6	8	4
Stage: Low	Wetted W	idth (m):	0.00	0	0	0	1	Pool Depth (m):	0.00	0	0	0
Med	Bankfull De	epth (m):	0.20	0.2	0.2	3		Turbi	ditte	Turbid		Low
High Temp (C	p): p	H:		C	onducti	ivity:		Turoi		oderate	<b>=</b> (	Clear
The Arms At 188	13/23/14	W F 30	MORP	но	LOG	Y			17 F S	The same		
Bed Material: Dominant: Fines Subdominant: Cobble		(cm): 15.0 (cm): 1.0		E	Bars: N	on 🗸	Side	Diagonal	Mid-	-channel		pan 🔲
Channel Pattern: Sinuous	Isla	inds: None	e Di		RBANC		B1	B2 B3	D1	D2 D	3	
Coupling: Partially Coup			1	NDIC	ATORS							
Confinement: Occasionally (			C	1	C2	C3 (	C4 C	5 S1 S2	S3	S4	S5	
Morphology: RP Riffle	Pool											
	The second		U.C.	VE	R	N/ A	A. Sec.	and the	The second	1-18-01		
Total Cover: Abundant	1	Type:	SWD	LWD	7	В	U	DP O	V	IV		
LWD: Few	A	mount:	T	T		N	S	N E		N		
LWD Dist: Evenly Distributed	Location:	P/S/O:					V	V			FSZ	z: 🗌
Right Bank: Shape: Sloping (	g Texture: Fines	Grav	vel Co	bble v	Bou	lder	Rock	Manmade		Cro	own Clos	sure
Left Bank: Shape: Sloping (	The state of the s	Grav	el Co	bble v	Bou	Ider	Rock	Manmade			21-4	
Right Bank: Rip.Veg: Conifero	us	Stages	: Mature fo	rest			Committee of				72.	,
Left Bank: Rip.Veg:		Stage:	Mature fo	rest		Ins	tream V	eg: None 🗸 A	lgae [	Moss [	Vas	cular [
one City of the second	State of the	P. Person	15.35	F	EAT	URE			10 15	at the	3 3	Sec. 11.88
NID Map   NID   Type   H	gt Method	Lg	Method	1	Pho	oto		AirPhot	0	T	UTI	M (Z/E/N
	6 MS	11	MS	R:		F: 07	L:		#:	-		143.6033
Comments: Passable					-					-		2.792.5

### Morice North Planning Area

Reach# ILP Map # ILP#

1.0

093L.046

2874

		Section 1		"\"- -				PR	OJE	CT				- 1476		至自然	TO THE		
	Proj Stream Na ect Waters		): BUL	KLEY RI	VER						000	P	roject Co	ode:			5270		
V- 05	· 走来,				200			WAT	ERS	HED	<b>使胜为</b>	<b>有效是</b> [		55		1			\$ 16 mil
Gaz	etted Nam	e:									Loc	cal Name	:						
Field U	rshed Cod ILP Map TM (Z.E.N TM (Z.E.N	#: 093L.0 ):	46	ı	LP#: 28			000-000- ap #: 09		1	NID #: 20 Site Lo	g: 175	Reac	h#: Method		.0		Site #: 2 ss: V4	269
010 0														5.07					
	D	ate: 200	2/09/04	. 19	Time: 14	:30	T)	Agency:	1. 66		Crew:	SG/SH		Fish	Crd?:		lr	comple	ete: 🔲
144		(I)=	-111	1 300	7/11	0/6		-	ANN	a bosson stant	الاستان		US E		20				
Channa	Width (m)	Mtd : MS	width 0.40	width 0.60	width 0.60	width 0.50	width 0.40	width 0.80	width	width	width	width	Avg 0.55	[ Mai	thod I:	Gadie	6.0	Mtd	7.50
	Width (m		0.40	0.00	0.00	0.50	0.40	0.00					0.00		hod II:	8.0	8.0	C	7.50
Pool	Depth (m						-		1				0.00						_
	Wb Depth	: .2	.2	1 2	1	. 0.00		dathad.	NC			- 4	- 11 -		Vis.Ch.			ribs.:	
	COVER		.2	L.2	] Avg	g: 0.20		Method:	MS		Stage: L	□ w [		1	Dw			nos [	
	Туре		1 11	ND	В	U	DF		ov T	IV	T CR	OWN CL	OSLIRE						
	Amoun		_	T	N	S	N	_	D	N	2		-40%						
	Loc: P/S/C	_				V				77	INS	TREAM	VEG:	N V	A	МП	VП		
		P: C G: MF		c 🔽							3H-32	RIP: STG:							1
	essign.	17	7-30	320		4.5		W	ATE	R								, y	100
F	EMS Temp ph Plood Signs	);  :					Meth	od: T4 od: P2 od: GE			С	leq #: cond.: furb.: T	_ M [	] L [	] c [			hod: S	
37/10	-0.456	33.3	d garage		1 10	Multi-	N N	ORF	HOL	OGI	Sec	W	- Pa			4-	30-3		-3.3
	ed Materia D95 Patterr Islands Coupling	i: 15.0 i: SI i: N i: PC	Dominar D (cm	nt: F n): 1.00		Subdor Morp		ı	DISTURE	BANCE TORS	01 C1	B1 C2		33 D				3 S	4 \$5
	FSZ		11/25, 11/4		A 60		CHUMBIR	PEEN		ars:	NV	SIDE		DIAG	N	AID	SPA	N_	BR
ID M	5 NO.	T	1,010	200	1 1			FEA	TUR	ES		2 13.00			4	LITA I I	IT (N)	3 4 5	May - 1
ID Map 93L.046	NID 25269	CV	Hgt .6	Metho	_	_g	Method	R: 9	Photo	07	L:	AirPh	noto #:			UTM (Z 37443.6		7	Method
CONTRACTOR CONTRACTOR	ts: Passab		.0	IVIO				11 9	124	<u>.</u>			Tw.		0.0	2, 170.0			510
	1	1 10 7	Z/=/3%		V STATE		HA	BITA	TQ	JALI	TY	100		100		7:11	2000		E 81
3	Name	S. Salan	700	1.45		Service .				1	Commen	ts	30 E 10-						150
Spaw	ning Habit	at	None	- due to	lack of o	ravel ar	d seaso	nal strea	m flow.		Commen								
	Vinter Hab	_	_	- due to															
Rea	ring Habita	it.	Poor	- due to s	seasona	I stream	flow and	lack of	pool.										

Morice North Planning Area

Reach#

ILP Map #

ILP#

Site

1.0

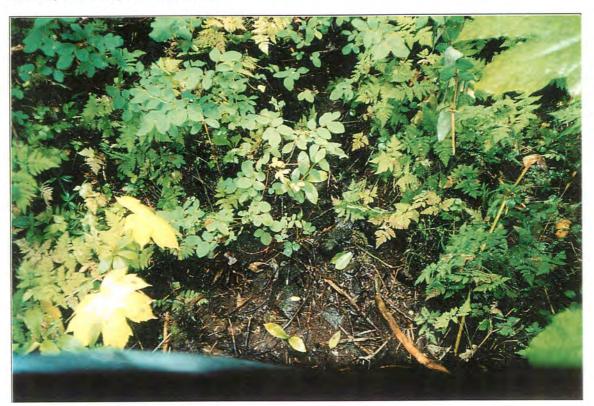
093L.046

2874

				and the state of the state of	1000年度日本	PHOTOS
	Ph	oto		Foc Lg	Dir	Comments
R:	97	F:	05	STD	D	Downstream photo of riparian vegetation.
R:	97	F:	06	STD	U	Upstream photo of stream channel.
R:	97	F:	07	STD	U	Upstream photo of passable CV.
	×1 .			· (4)	Attribute.	COMMENTS
		Sec	ction			Comments
		CHA	NNEL	Inferred S4	potential barrier of	downstream).



Site #269, Downstream photo of riparian vegetation. Roll #97, Frame #05, Date: 2002/09/04



Site #269, Upstream photo of stream channel. Roll #97, Frame #06, Date: 2002/09/04



Site #269, Upstream photo of passable CV. Roll #97, Frame #07, Date: 2002/09/04

#### Morice North Planning Area

Reach # ILP Map #

ILP#

2.0 093L.046 29

	STR	EAM	REF	ERE	NCIN	G.					11-15
Gazetted Name:					Local Na	ime:					
Watershed Code: 000-000000-0000	0-0000-0000-0000-00	0-000-0	00-000-	000-000		ILP Map #: 0	93L.04	6	IL.	P#:	2929
	A 使型性效应	100	REA	CH	1 V-11				- And	37-3-	
Reach #: 2.0	UTM(Zone/East/No	orth): 9.	635196	.603452	5			Sample	Туре:	Biase	d
Length (km): .95	Coupling: Coupled		Ma	gnitude	: 1			BGC	Zone:	SBS	
	onfinement: Occasiona	lly Conf		Order	: 1		0	pen wa	ter: Abs	ent	
US Elev (m): 1003	Islands: NONE		Rip	oarian V	egetation	: Mixed C/D					
Bars: None V Side Diagona	Mid-channel	Span	В	raid 🗌	Landu	se: Not Specifie	d				
re Promotion of the state of		29	SIT	E	alei wa	1 Electron	10 E	3	T SERVICE SERV		- A
Site #: 270 Field	UTM			Age	ncy: C172	2 Crew	: SG	/SH	Date:	2002/09	/04
Site Length (m): 100 GIS	UTM 9.635609.60346	21		Age	ency Name	: Triton Environ	menta	Consul	tants (T	епасе)	
		C	HAN	NEL.	(pin)	dropping - a		tip it		3133	STATE
No Vis.Ch.: Intermittent:		Avg	Min	Max	#			Avg	Min	Max	#
Dewatered: Tribs.:	Channel Width (m):	0.00	0	0	0	Gradi	ent %:	0.75	0.5	1	2
Stage: Low	Wetted Width (m):	0.00	0	0	0	Pool Dep	th (m):	0.00	0	0	0
Med	Bankfull Depth (m):	0.00	0	0	0		Turbi	dity.:	Turbid		Low
High Temp (C):	pH:		(	Conducti	vity:			Mo	oderate	_ c	clear
		MOR	PHO	LOG	Υ		50.7	300	Sign		ME 16
Bed Material: Dominant:	D95 (cm):			Bars: N	on 🗌 :	Side Diago	onal [	Mid-	channel	☐ Sr	oan 🗌
Subdominant:	D (cm):									Br	aid 🗌
Channel Pattern:	Islands:		DISTU	RBANCE	E 01	B1 B2	В3	D1 1	D2 D	03	
Coupling:			INDIC	ATORS							
Confinement:			C1	C2	C3 C4	C5 S1	S2	S3	S4	S5	
Morphology:											
The standing of the	3.500		COVI	ER	£550	· Awar and All	-	14.			
Total Cover:	Type:	SWD	LWE		В	U DP	0	V	IV		
LWD:	Amount:					47 - 13		(1)	-		
LWD Dist:	Location: P/S/O:									FSZ	: 🗆
Right Bank: Shape:	Texture: Fines Gra	vel	Cobble	Boul	der R	ock Manma	do		Co	own Clos	ura
			Cobble			ock Manma			Cit	JWII CIOS	uje
Right Bank: Rip.Veg: Mixed C/D		-	/herb sta	-	71.	Tan Call and the same					
Left Bank: Rip.Veg:	V.1.1		/herb sta		Instrea	am Veg: None		lgae 🗌	Moss	Vasc	ular
									21.1.1	Z. V.	

### Morice North Planning Area

Reach# ILP Map # ILP#

Site

2.0 093L.046 2929

	-1-1-1	Merchania Section					PR	OJE	C T		West -		1/2/3	马押款	(8) E	SWS.	HANNS!		0245
Proje Stream Nam Project Watersh	ne (gaz.	: BULI	KLEY RI	VER	rice Fore:					00		Project C	ode:			527	70		
	<b>美國</b>	*45	4000	-(C-22)	e Many		WAT	ERS	HED	307		10/50		Miles Co.		1125		**	2 1
Gazetted Name:						957				Lo	cal Nam	e:							
Watershed Code: ILP Map#: Field UTM (Z.E.N): GIS UTM (Z.E.N):	093L.04	46	- 1	LP #: 29			000-000- ap #: 09:		N	ID#: 20 Site Lo	g: 100	Read	ch#: Me	ethod: H	2.0 C	Ac	Site i	#: 270 /4	
Dat	e: 2002	2/09/04		Time: 15	:00:		Agency:	C172		crew:	SG/SH			Fish Cro	17: F	7	Incom	plete:	
			2011					ANN		12			NVE	Tion on			IIIOOIII	proto. L	
	Mtd	width	width	width	width	width	width	width	width	width	width	Avg	1	NAME OF THE PARTY	Ga	dient %	6 Mt	d Av	/g ]
Channel Width (m):	10.10			78.754(1		111241	11.00.1	711481		111001	11,041	0.00	Г	Method	_			0.7	
Wetted Width (m):												0.00		Method	II:			310	
Pool Depth (m):								121				0.00		No Vis.C	h. w	lete	rmittent	. []	
Wb Depth:				1 Ave	g: 0.00		Method:	MS	SI	age: L	ПМ	Пн			Dw:	7	Tribs.:		
COVER			Tota		3770					-3-, -	U		_				,,,,,,,,,		
Type:	SWD	Lov	VD I	В	U	DF		ov T	IV	1 000	OWAL CI	OSURE							
Amount:	3440	LV	VU	-	U	DF		OV	IV	CK	OVVIN CI	JOSUKE							
Loc: P/S/O:										INS	TREAM	VEG:	NI	A	ТМГ	ıvr			
19490					<u> </u>					1		120			1 - L	1			
LWD:			D	IST:															
LB SHP:										- 0	RB SHP	:							
Texture:	F	G	c $\square$	В	R A						Texture	: F 🗆	G	C	B	R	_ A		
RIP:	М										RIP	: M							
STG:	SHR										STG	:SHR							
Shart akata		N1-5-	2000	181 100	2 1877	AF 2-70	W	ATE	R		Side of the				300	W-50			
EMS:		2000	SHIP	SHEATAST		200	NO DATE OF		2,52,	P	eq #:					4			
Temp:						Metho	od:				ond.:					M	fethod:		
pH:						Metho						- M						05	
Flood Signs:						Metho	od:				uro i	M			, 🔲	M	lethod:	GE	
1	11/1/5		3 (9/3)		15/15/19	N	ORP	HOL	OGY	3.50 B	and the same		53	( C. )		100		3 01	-300
Bed Material:	-	ominan			Subdom					01	B1	B2 E	B3	D1	D2	D3			
D95:		D (cm)			Morph					П		ПП		П	ПП				
Pattern:		- 1-11						ISTURE		04		00 (	~	05	~		00		
Islands:										C1	C2	C3 (	C4	C5	S1	S2	S3	S4 :	S5
Coupling:																			
Confinement:																			
FSZ:[								В	ars:	N	SID		DIAG		MID	SF	PAN	В	R
		STATE OF	对海州		Value of	LA	ATA	TOL	JALI	rv	(Calculation	70000000		Section of the	9/5°5 X	- 0.5 M		100000	
Nama			U de la	學學到	<b>福州</b>	JI A	<b>对能</b> 等		T Mills	18 mm			N.R		(N) (E)	4	16 16		
Name Other	-	No fish	hahitat	due to N	No Visible	Chann	ol		C	omment	ts			_	_			_	-
Strike.		1.0 1101	Toolal .	200 10 1	.5 7131016	- Gridini		ото	S		18 M	19 marks	300	y · 麻郭	HASS	A The	Chief.		
Photo	Fo	c Lg	7100		)ir	152.2		and the		al High services	U.S.L.M.	Commo	ate.		MATE OF	(15 pt	- (17)	t 1/4"	40
97 F: 08		TD .	-	_	D	Dow	nstream	photo o	f No Visi	ble Cha		Commen	its	_					
97 F: 09		TD			Ú				lo Visible					_	_				
	W) 3							MEN		15 P E W	<b>外回类型</b>	SE TOTAL	SAV	(1) \$15 (A) \$1	Street St.	Tight to the		7712	781
Section	Tay and	T T		No.			-4-	300	C	omment	S			THE WAY		eri)e, ia	Property of the second		
		1																	

### Morice North Planning Area

Reach#

ILP Map #

ILP#

Site

20

093L.046

270	

	COMMENTS
Section	Comments
SITE CARD	NCD - No Channel (alluvium/scour) observed upstream. Short 8 m section of mud below road (see photos).



Site #270, Downstream photo of No Visible Channel - Mud. Roll #97, Frame #08, Date: 2002/09/04



Site #270, Upstream photo of No Visible Channel - Mud. Roll #97, Frame #09, Date: 2002/09/04

Morice North Planning Area

Reach # ILP Map #

ILP#

1.0 093L.046

	STRE	AM REF	EREN	CING			0,01		(
Gazetted Name:			17	Local Nam	ie:				
Watershed Code: 000-000000-000	00-00000-0000-0000-000-0	00-000-000-	000-000		ILP Map #: 093L.04	6	IL	P#:	2876
		REA	CH	- Ju -		ranih.			log the
Reach #: 1.0 Length (km): .23 Gradient (%): 2.6 US Elev (m): 931 Bars: None Side Diagon	UTM(Zone/East/North Coupling: Decoupled Confinement: Occasionally Islands: NONE  at Mid-channel S	Ma Conf Ri	gnitude: Order:	getation: I		1000	Type: Zone: iter: Abs	555	ed
		SIT	E	1000		77.	T que	- 7	
	d UTM IS UTM 9.636825.6034263			cy: C172 cy Name:	Crew: SG Triton Environmental	/SH Consu		2002/09 errace)	9/04
THE WAY TO SEE	the state of the s	CHAN	NEL			- N	T) KAN	113	LEX
No Vis.Ch.: ✓ Intermittent: ☐  Dewatered: ☐ Tribs.: ☐  Stage: Low ☐  Med ☐	Channel Width (m): 0 Wetted Width (m): 0	.00 0 .00 0 .00 0	0 0 0	0 0 0	Gradient %: Pool Depth (m):	Avg 1.00 0.00	Min 1 0	Max 1 0	1 0
High Temp (C):	pH:		Conductivi	ty:	Turbi		Turbid oderate		Low
	- 1 - Will be M	ORPHO	LOG	1	10 210 60	28		3.37	13.00
Bed Material: Dominant: Subdominant:	D95 (cm): D (cm):		Bars: Nor	sie	de Diagonal	Mid-	channel		pan [
Channel Pattern: Coupling: Confinement: Morphology:	Islands:		RBANCE CATORS C2 C		B1 B2 B3 C5 S1 S2	D1   S3	D2 C S4	3 S5	
		COV	ER		<b>建国家部分</b>	1 705		K611-	)E21
Total Cover:  LWD: LWD Dist:  Right Bank: Shape: Left Bank: Shape: Right Bank: Rip.Veg: Mixed C/D Left Bank: Rip.Veg:	Amount:  Location: P/S/O:  Texture: Fines Gravel  Texture: Fines Gravel  Stage: P		Bould Bould	er Roo	k Manmade	V Igae	Cre	FSZ own Clos	

Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

1.0

093L.046

2876

	The state of the s	<b>三条则部为影响</b>	P	ROJECT	/ Mary 1987		
Stream Nam	me (gaz.): BUL	HI within the Morice For KLEY RIVER 000000-00000-00000-0				roject Code:	5270
			WA	TERSHED			NAME OF THE PARTY
ILP Map# Field UTM (Z.E.N) GIS UTM (Z.E.N)	: 000-000000-00 : 093L.046 :	0000-00000-0000-0000- ILP #: 2876 Method 263	NID Map #: 0	93L.046 N	Local Name  NID #: 20271  Site Lg: 100  def. Name:  Crew: SG/SH	Reach #: 1.  Method: HC  Fish Crd?:	Access: FT
. 3-30-30-5	Children was	Para de la companya d		HANNEL	dem: Gerent	Tish City:	incomplete:
	Mtd width	width width width			width width		Gadient % Mtd Avg
Channel Width (m): Wetted Width (m): Pool Depth (m):						0.00 Method I: 0.00 Method II: 0.00 No Vis.Ch.:	1.0 C 1.00
Wb Depth:		Avg: 0.0	0 Method	i: MS S	tage: L M	H Dw:	Tribs.:
COVER		Total:					
Amount Loc: P/S/O:		VD B U	DP	OV IV	CROWN CLO	OSURE VEG: N A A	
Texture RIP STG	: M	C B R		WATER	RIP: STG:	PS	Sundfagen in
EMS: Temp: pH: Flood Signs:			Method: Method: Method:		Req #: Cond.: Turb.: T	_ M _ L _ C [	Method:  Method: GE
	n - Karan	P. C. State of the Control of the Co	MOR	PHOLOGY	2000年6月9日	<b>建设的第三人称</b>	Part State of the
Bed Material: D95: Pattern: Islands: Coupling: Confinement:	D (cm			DISTURBANCE INDICATORS	C1 C2	B2 B3 D1 D2 C3 C4 C5 S1	\$2 \$3 \$4 \$5
FSZ:				Bars:	N SIDE	DIAG M	ID SPAN BR
and the state of t			HABIT	AT QUALI			
Name Other	No fis	h habitat due to No Visi	ble Channel		Comments		
			A DEFENDED TO SECOND	нотоѕ			THE STATE OF THE S
Photo R: 97 F: 10	Foc Lg STD	Dir U		ICD Channel.		Comments	100 A
Section			the second	The Book of	Comments	ind Minnesphere & Allen Marine	

### Morice North Planning Area

Reach# ILP Map # ILP # Site 1.0 093L.046 2876 271

	COMMENTS
Section	Comments
CHANNEL	NCD - no evidence of scour or alluvium. Channel could not be located by following GPS, hipchain and compass or following mainstem (ILP 2873 Reach 3).



Site #271, Photo of NCD Channel. Roll #97, Frame #10, Date: 2002/09/04



Site #272, Upstream photo of perched 0.2 m CV (passable under high flows). Roll #97, Frame #11, Date: 2002/09/04

Morice North Planning Area

Reach # ILP Map #

ILP#

2.0 093L.046

and the first	04.11		STR	EAM	REI	EREN	CINC	50	41.			
Gazetted Name							Local Na	me:				
Watershed Code	e: 000-000	0000-00000-00	0000-0000-0000-0	00-000-00	000-00	-000-000		ILP I	Map #: 093L.0	)46	ILP#:	2873
					REA	CH						40
Reach #: 2.0 Length (km): 1.4 Gradient (%): 4.1 US Elev (m): 92 Bars: None	6	Confir	UTM(Zone/East/Noupling: Partially (nement: Occasion Islands: NONE  Mid-channel	Couple	Ma Ri	1.6034150 agnitude: Order: iparian Ve	getation:			Sample Typ BGC Zon Open water:	e: SBS	sed
	Home Ex		18.5000 N	= 16	SII	ſΕ		F-12-		7	44	6 30
Site #: 272 Site Length (m)		Field UTM GIS UT	И M 9.637518.6033	448			cy: C172			G/SH Da	te: 2002	
	1,00	. 6	100	C	HAN	INEL					F-50	
No Vis.Ch.:	Intermitt	tent:		Avg	Min	Max	#			Avg Mi	n Max	1 #
Dewatered:	Tri	ibs.:	channel Width (m)	1.63	1.4	1.8	6		Gradient %		1	4
Stage: Low			Wetted Width (m)	0.00	0	0	0	P	ool Depth (m)	0.00	0	0
Med		В	lankfull Depth (m)	0.20	0.1	0.3	3		Turi	oidity.: Tur	bid	Low
High [	Te	emp (C):	pH:		1	Conductivi	ty:		101	Modera		Clear
15 P	- 30	(B) (1)		MOR	PHO	DLOG	1	1		- 1. See	191-0	- 10 miles
Channel Pattern Coupling Confinemen Morphology	g: Decoup t: Unconfi	led	Islands: No	ne		IRBANCE CATORS C2 C	01 3 C4	B1 C5	B2 B3 S1 S2	D1 D2 S3 S4	D3 S5	
DU PROPRIATE	d 17/100.00				OV	ER	50800	500	1. 盆水水 1	NEW CREAT	61/	30
Total Cover: Abus LWD: Few LWD Dist: Ever		uted	Type: Amount: Location: P/S/O:	SWD T	LW S	THE COURSE		J T	DP (	D N	F	sz:
Left Bank: S Right Bank: R	Shape: Slo Shape: Slo ip.Veg: Mi ip.Veg:	oping (g Text	ure: Fines Gr	avel (v) avel (v) e: Pole-si e: Pole-si	apling :	Bould stage stage	er Ro	ock ock om Veg	Manmade Manmade None	j		osure -40% ascular
NID Mag I NII	Trees	l Het I	Matterd 1 1 =		A COLUM	EATU	Him Day					
093L.046 9028		Hgt 1	Method Lg MS 10	Metho	od R:	Phot		1.1	AirPho		_	TM (Z/E/N
Comments: Per				I no	Ix:	97 F	11	L:		#:	9.63	7538.6033
	10 // 11 mg	30 30 - 50		er	FIS	10-2100			- ph 7/2	-1801 - 1 W		- Y
	apture lethod	Number of Events	Length fished	Total		Voltage	Spec	ies	Total	Minimum		ximum
272	EF		(m)	Time		000	100		Fish	Length (mm	Leng	th (mm)
212	CF	1	20	109 se	EC	600	NF	C	0			

### Morice North Planning Area

Project Nam Stream Name (gaz Project Watershed Cod	): BULKLEY RIV		strict (tribs to		000	Project Code:	5270
	1 . Yes I . To 3	10. July 25 13 W.E.	WATE	RSHED		THE WAR	<b>4.</b> (1. ***********************************
Gazetted Name:	1 -4 //1				Local Nar	ne:	
Watershed Code: 000-00	0000-00000-0000	0-0000-0000-000-0	00-000-000-0	00-000	2000, 110.		
ILP Map#: 093L.0	146 IL	.P#: 2873 NI	Map #: 093L	.046	NID #: 20272	Reach #:	2.0 Site #: 272
Field UTM (Z.E.N):		Method:			Site Lg: 125	Method	: GE Access: V4
GIS UTM (Z.E.N): 9.6375	18.6033448			1	Ref. Name:	mounos	7.00000.77
			47. Luck		to the state of		
Date: 200	2/09/04 T	ime: 16:00	Agency: C	172	Crew: SG/SH	Fish	Crd?: Incomplete:
and the said		Was a few and the	CHA	NNEL			THE THE TANK OF THE PARTY OF TH
Mtd	width width	width width wi	dth width	width   width	width width	Avg	Gadient % Mtd Avg
Channel Width (m): MS	1.60 1.70	1.40 1.80 1.	60 1.70				hod 1: 3.0 1.0 C 2.00
Wetted Width (m): MS						0.00 Meth	od II: 2.0 2.0 C
Pool Depth (m): MS						0.00	
Wb Depth: .3	1 .1   .2	A 0.00	Mathada I	10			is.Ch.: Intermittent:
1		Avg: 0.20	Method: N	15	Stage: L 🗸 M	ПнП	Dw: 🗸 Tribs.:
COVER	Tota	I: A					
Type: SWI	LWD	B U	DP O	/ IV	CROWN	LOSURE	
Amount: T	S	TT	N D	N	2	21-40%	
Loc: P/S/O:					INSTREAM	AVEG: N A	MIVI
LB SHP: S Texture: F RIP: M STG: PS	] G 🗸 C 🗌	B R A	i.		RI		C B R A
			WA	TER	1 6 FEET	學術。 安慰 -	Fait Co.
EMS:					Req#:		
Temp:		M	ethod: T4		Cond.:		Method: S3
pH:		M	ethod: P2		Turb * 3		C Method: GE
Flood Signs: Rafted	debris 0.3 m	M	ethod: GE		10.0		Metrod: GE
TENHALIN THE AN			MORPH	OLOGI	Committee Committee		EMP.
Bed Maladah		0.1.0			O1 B1	B2 B3 D1	D2 D3
	Dominant: G	Subdom: C					
D95: 18.0	D (cm): 5.00	Morph: RF	Lite	TURBANCE			
Pattern: SI			II	IDICATORS	C1 C2	C3 C4 C5	S1 S2 S3 S4 S5
Islands: N							
Coupling: DC							
Confinement: UN				Bars:	NV SIC	DE DIAG	MID SPAN BR
FSZ:				Date			
Will Frank William		北州北京	FEAT	URES		Shirt Hills	"我们就是一位"的"可能"的
NID Map   NID   Type	Hgt Method	Lg Metho	DATE WHITE	hoto		Photo	LITA (7/5/N) Mathod
093L.046 90286 CV	.6 MS	Lg Metho	R: 97		L:	moto #:	UTM (Z/E/N) Method 9.637538.6033430 GIS
Comments: Perched 0.2 m p			Lui at	1.1 11		16.1	0.007,000.0000400   015
	by the second	47103176	ABITAT	OUAL	TV		"with the service of
			ABITAL	B. (4) 17 17 200	con all are playing		
Name					Comments		
Spawning Habitat		phemeral flows and	lack of suitabl	e locations (s	ubstrate is unsor	ted).	
OverWinter Habitat		phemeral flows.	and leak of	and habitet			
Rearing Habitat	Irour - due to ep	phemeral stream flow	and lack of p	ooi nabitat.			

Morice North Planning Area

Reach#

ILP Map #

ILP#

Site

2.0

093L.046

2873

	STEE BY		A SICH	<b>利用を対している。 1000年度</b>	强制的第三人称:	PHOTOS
	Ph	oto		Foc Lg	Dir	Comments
R:	97	F:	11	STD	U	Upstream photo of perched 0.2 m CV (passable under high flows).
R:	97	F:	12	STD	D	Downstream photo of typical habitat - dry channel.
R:	97	F:	13	STD	U	Upstream photo of typical habitat - dry channel.
R:	97	F:	14	STD	U	Upstream photo of isolated pond 10 m below CV.
			an - 1 1			COMMENTS
		Sec	tion			Comments
		CHAI	NEL	Inferred S3		

## **FDIS Fish Card**

### Morice North Planning Area

Reach #

ILP Map #

IIP#

Watershed Code:

2.0

093L.046

						10/10 10 11	2. 为6在 2			3.5	307 340	il to the	1					
Gaz	etted	Name:										Loca	al:					
P	rojec	t Code:	460-0	00000	-00000-	00000-00	000-0000-000	0-000	0-000-0	00-000	-0							
				00000	-00000-	00000-00	000-0000-000	0-000	0-000-0	00-000	-000							
W		ody ID:							ILP Ma	p#: 0	93L.04	6		ILP#:	2873	Re	ach #:	2 -
	Pro	ject ID:	5270									Lake/Str	ream:	S	La	ke From	Date:	
FI	ish Pe	ermit #:	145	5269		Date:	2002/09/04		To:	2002/	09/04	Age	ency:	C172	Crew: S	G/SH	Resa	mple:
		7 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1	× = 3	1 週間	CHARLES .			SI	TE	/ M {	TH	OD	i si	Mary Comment				
Site#	NIC	) Map	NID	#	UTM:	Zone/Eas	st/North/Mthd		MTD/N	10 T	emp	Cond	Turb	id		Com	ment	
272	093	L.046	2027	72			G	PU	EF	1	10	120	L	Z				
	1/1						, - A	. (	EAL	R S 1	TT	NGS					数量	
Site#	MT	D/NO	H/P	Dat	e In	Time In	Date O	ut	Time (	Out				C	omment			
272	EF	1	1	2002/	09/04	16:00	2002/09/	04	16:30	)								
N N			Mary 1	Wings	10	C, E	LECTR	O F	ISH	ER	SPE	CIFI	CA	TIONS	ETET /	and the		19-y-1
Site#		MTD/N	0	H/F		Encl	Sec	Le	ength	V	Vidth	Volt	age	Frequenc	y Pu	lse	Make	Mode
272	EF		1	1		0	109		20.0	-	1.8	60	00	60	1	5	SMITH	12B
7.3	V 10				00 T	Jan Jan		FI	SH	SUN	MA	RY		2015	William T	· 高小小		
Site#		MTD/N	0	H/P	Sp	ecies	Stage	Age		otal #	Lgt	h (Min/Ma	ax)	FishAct		C	comment	
272	EF		1	1	NF	С				0		- 1						
		Y - 17	- *** - X			(A)		arone.	CON	ME	NTS		103		Text		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
	Se	ction					wmbul.	HICKS!				Comm	ents					



Site #272, Downstream photo of typical habitat - dry channel. Roll #97, Frame #12, Date: 2002/09/04



Site #272, Upstream photo of typical habitat - dry channel. Roll #97, Frame #13, Date: 2002/09/04



Site #272, Upstream photo of isolated pond 10 m below CV. Roll #97, Frame #14, Date: 2002/09/04

Morice North Planning Area

Reach # ILP Map #

ILP#

3.0 093L.056

					STR	EAMR	EFERE	исти	G /				
Gazetted N	ame:							Local Na	me:				
Watershed	Code: 0	00-000	000-0000	0-00000-0000	-0000-00	00-000-000-0	000-000-000		ILP N	lap #: 093L.	056	ILP#:	2450
	- K					RI	ACH	2017:	(E)"		34 6 57	n	
Reach #: Length (km Gradient (%	): 1.10		Co	UTM(Zon Coupling: F nfinement: C	artially C	Couple	450.6043068 Magnitude: Order:	8			Sample Ty BGC Zo Open water	one: SBS	sed
US Elev (m	): 799			Islands: N	IONE		Riparian V	egetation	: Mixed	C/D			
Bars: None	✓ Sic	de 🗌	Diagonal	Mid-ch	annel [	Span _	Braid _	Landu	se: Not	Specified			
	biff V.			And The second		*, 17 S	ITE.					with a	
Site #	77.55 Feb.	0		UTM 9.6359 UTM 9.6360		330		ncy: C172 ncy Name			SG/SH I	Date: 2002/ nts (Terrace	-310.0
1. A. S. T.	1/4		=		¥	CH,	ANNEL	William !	English St.			ra v	WE STATE
No Vis.Ch.:	_ In	termitte	ent:			Avg N	Min Max	#			Avg	Min Max	#
Dewatered:		Tril	os.:	Channel W			.4 2.6	6		Gradient 9		2 3	3
Stage: Low	~		-	Wetted W Bankfull D			600 1.55	3	P	ool Depth (n	1): 0.18 0	0.150 0.25	6
Med	=	-	L (0). 1		A. 17.07	0.20		7		Tu		urbid	Low
High		16	mp (C): 4	P	H: 6.8		Conductiv	200			1175.9	erate	Clear
				1 - 40			HOLOG		-		P AND MALE		W- (* (c)
	Subdom	ninant:	Gravels Cobble	D	(cm): 25 (cm): 12	.00	Bars: No	on 💌	Side _	Diagonal	Mid-ch		Span Braid
Channel P			Coupled	Isla	ands: No	118	STURBANCE NDICATORS	01	B1	B2 B3	D1 D2	2 D3	
			Coupled tly Confine	ed		C		C3 C4	C5	S1 S	2 S3 :	S4 S5	
	ology: I		Riffle Pool			IT							
EMINAN - I	10000000	- Y - V	F 2 4 1 1 1		4.7	CO	VER						
Total Cover:	Abunda	int			Type:			3 I	U I	DP I	ov I i	v 1	
	Abunda			A	mount:	S			S	T		N	
LWD Dist		- 1	uted	Location:	P/S/0:							30 F	SZ:
Right Bank:	Sha	pe: V -	shape	Texture: Fine:	s ☐ Gr	avel Col	ble Boul	der R	lock	Manmade		Crown C	
Left Bank:			10.00	Texture: Fine		avel Co			lock	Manmade [	j		-40%
Right Bank:			ked C/D			e: Young for							
Left Bank:	Rip.V	/eg:			Stag	e: Young for	est	Instre	am Veg	None 🗸	Algae 🗌 N	Moss Va	ascular
	a mile						FEATI	JRES	<i>3</i> 4		- 1 DA 10 M		THE RESERVE TO
NID Map	NID	Туре		Method	Lg	Method	Pho			AirPh	ioto	U	TM (Z/E/N
093L.056 Comments	25273	C	1.5	MS	2	HC	R: 96 I	F: 01A	L		#:	9.63	6278.6042
			7	T 02-11-1					-				
093L.056	NID 26273	CV	Hgt .9	Method	Lg 20	Method	R: 97 I	to F: 15	1.1	AirPh			TM (Z/E/N 5959.6042
the state of the s				barrier), 0.45	82.7			10	[L:]		#:	9.03	J959.0U42
STATE STATE	1				and the same			10000000000000000000000000000000000000	· ·	THE OWNER OF THE OWNER OWNE			(35, 2)
Site Number	Capt	ure	Number	of Length		Total	Voltage		cies	Total	Minimur	m Ma	ximum
	Meth		Events			Time	Julia	Ope	515.6	Fish	Length (m		gth (mm)
273	El		1	12		340 sec	700		FC	0		1415	
2732	E	F	1	8	0	270 sec	700	N	FC	0			

#### Morice North Planning Area

ILP Map # Reach#

ILP#

Site

3.0

093L.056

2450

	SALE VIOLE							PF	OJE	CT .	明的	d			if the express	22	19	100
Pro	Proje Stream Nar ject Watersh	ne (gaz.	); BUL	KLEY RI	VER				to Morice		00	F	Project C	ode:		5270		
		20 HA 30W				機等工		WAT	ERS	HED	1000 m				ALC:		31.34	7
Wate Field U	retted Name ershed Code ILP Map# TM (Z.E.N) TM (Z.E.N)	000-00 093L.0 9.6359	56 54.6042	864	LP#: 24		NID N	000-000 lap #: 09		N	Lo ID #: 20 Site Lo ef. Name	g: 120		ch #: Method	3.0 d: HC	Sit	e #: 273 : V2	
	Dat	te: 200	2/09/05	1	Time: 07	:49		Agency	: C172	C	crew:	SG/SH		Fish	Crd?:	Inco	mplete:	
		· · · · · · · · · · · · · · · · · · ·		1	W. FLOR	alt -		CF	IANN	EL		E W					Kal 🐫	5. 6
		Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Gad	fient %   1	Mtd Avg	g
Wetter	Width (m): Width (m): Depth (m):	MS MS MS	2.20 1.30 0.15	2.60 1.40 0.20	0.60 0.15	1.80 1.50 0.25	1.40 0.60 0.20	2.20 1.55 0.15					2.00 1.16 0.18	Meth	hod I: 2.0 nod II: 2.0	3.0	C 2.3	3
	Wb Depth:	,2	.2	.2		g: 0.20	1 0	Method:	MS	S	age: L	✓ M	□н[		/is.Ch.:	Intermitte		
_	COVER				al: A		,				7	708050	OF IVE					
	Type: Amount:	SWE		VD S	B T	U S	DI	_	OV D	IV N	CR 2	OWN CL	.OSURE 1-40%					
-	Loc: P/S/O:				-	V	V			14	1			N . A	ПМП	V		
	RIP: STG:			c $\square$				, In	VATE	R		RIP: STG:	: M : YF		СВ			
	EMS:			***	,,					***************************************	R	eq #:	111, 42		1 Internal		***************************************	
f	Temp: pH: Flood Signs:	6.8	debris				Meth	od: T4 od: P2 od: GE				ond.: 110		_ L _	c	Method		
	·//	11 200				-3.	A STATE	IORI	PHOL	OGY		3 8 6	ur e				14-	=71.7
	ed Material: D95: Pattern: Islands: Coupling: onfinement:	25.0 SI N PC	Dominan D (cm	t: G ): 12.00		Subdom Morph		9	DISTURE INDICA	BANCE TORS	01 C1	B1 C2	C3 (	33 D1	ППП	03 S2 S3	S4 S	\$5
	FSZ:[				2015	U.	S 7			ars:	NV	SIDE		DIAG	MID	SPAN	BF	R
NID Map	NID T	voo I	Not 1	Method	THE P				ATUR	E 9		1	1500	en)				
093L.056	25273	ype	Hgt 1.5	MS			lethod HC	R: 9	Photo	01A L	:1	AirPh	noto #:	-	9.636278	Z/E/N) .6042606	Metho	_
Commen	s: Cascade	over be						-1-			-		11					
NID Map 093L.056		ype	Hgt .9	Method	_	_	lethod HC	R: 9	Photo 7 F:	15 L	:	AirPh	noto #:		UTM ( 9.635959		Metho	_
Commen	ts: Perched (	0.25 m (	partial b	arrier), 0	.45 m de	ep pool												
1.3					-		HA	BITA	TQL					1				
	Name		F							C	omment	ts						

### Morice North Planning Area

each# ILP Map #

ILP#

Site

3.0

093L.056

2450

		N:	ame			Comments
	Sp	awnir	ng Habitat	Poor - due to	limited gravels.	
	R	earing	Habitat	Good - due t	o abundant overt	nanging vegetation and LWD cover.
	Ove	erWin	ter Habita	Poor - due to	shallow pools.	
				Market Street	11、1600年1月7年1	PHOTOS
	Ph	oto		Foc Lg	Dir	Comments
₹:	96	F:	01A	STD	U	Upstream photo of Cascade over bedrock.
₹:	97	F:	15	STD	U	Upstream photo of 0.25 m perched CV (partial barrier).
₹:	97	F:	16	STD	D	Downstream photo of habitat typical of site.
R:	97	F:	17	STD	U	Upstream photo of habitat typical of site.
					417 100	COMMENTS
		Se	ction			Comments
		CHA	NNEL	S6		
	-	SITE	CARD	NFC with 2 e	lectroshocking si	tes conducted upstream and downstream of road crossing. Cascade located ~335 m downstream of

## **FDIS Fish Card**

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

000-000000-00000-00000-0000-000-000-000-000-000-000

3.0

093L.056

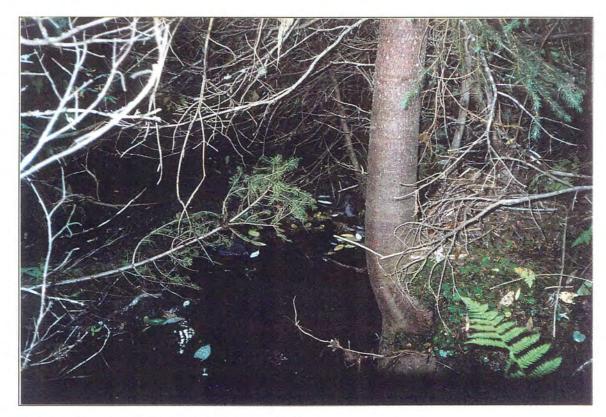
3.2	90		3.0 (=)			- 100	<b>建设</b>		WA	TEF	BOD	Y	· · · · · · · · · · · · · · · · · · ·		New years		
		Code	460-0				00-0000-00	1162		F 10 10 2	22/200	Loc	al:				
W	Vaterbo Proje		5270						ILP N	Мар #:	093L.0	56 Lake/St	ream:	ILP#:	2450 Lake	Reach #: From Date:	3 -
F	ish Pe	rmit #:	14	5269		Date: 2	2002/09/05	5	To	: 200	2/09/05	Ag	ency:	C172	Crew: SG	/SH Re:	sample:
3	11035	\$ \$ J	= AUP	400	Marie Control	W Sa	1000	S	ITE	1 1	ETH	O D	519			and the second	
Site#	NID	Мар	NID	#	UTM:Z	Zone/East	/North/Mth	nd	MTD	/NO	Temp	Cond	Turt	bid		Comment	
2732	0931	056	227	32				GPU	EF	1	6	110	C	1			
273	0931	056	202	73				GPU	EF	1	4	110	C				
1.51		No.	2.10V				1	۹. (	SEA	RS	ETT	INGS	為		17 mg	MIN.	
Site#	MTE	)/NO	H/P	Date	In	Time In	Date 0	Out	Time	Out				(	Comment		
273	EF	1	1	2002/0		07:49	2002/09	1000	08:		-						
2732	EF	1	1	2002/0	9/05	12:00	2002/09		12:	-							
100		- 1,70				C. E	LECTI	ROI	FIS	HER	SP	ECIFI	CA	TIONS			
Site#	1	M/DTN	0	H/P		Encl	Sec	L	ength		Width	Vol	tage	Frequenc	y Pulse	e Make	Mode
273	EF		1	1		0	340		120,0		2.0	7	00	60	6	SMITH ROOT	12B
2732	EF		1	1		0	270		0.08	-	2.0	7	00	60	6	SMITH	12B
		# - p	10	P**				F	SH	SU	MMA	RY	1	· · · · · · · · · · · · · · · · · · ·			217-19-
Site#	1	ATD/N	0	H/P	Spe	cies	Stage	Age		Total	# Lg	th (Min/M	lax)	FishAct		Comment	
273	EF		1	1	NF	С				0							
2732	EF		1	1	NF	C				0		1111	- 1				



Site #273, Upstream photo of Cascade over bedrock. Roll #96, Frame #01A, Date: 2002/09/05



Site #273, Upstream photo of 0.25 m perched CV (partial barrier). Roll #97, Frame #15, Date: 2002/09/05



Site #273, Downstream photo of habitat typical of site. Roll #97, Frame #16, Date: 2002/09/05



Site #273, Upstream photo of habitat typical of site. Roll #97, Frame #17, Date: 2002/09/05

Morice North Planning Area

Reach # ILP Map #

Instream Veg: None V Algae Moss Vascular

1.0 093L.056 2453 STREAM REFERENCING **Gazetted Name:** Local Name: ILP Map #: 093L.056 2453 REACH Reach #: 1.0 UTM(Zone/East/North): 9.635874.6042256 Sample Type: Length (km): .59 Coupling: Decoupled Magnitude: BGC Zone: SBS Gradient (%): 9.8 Confinement: Occasionally Conf Order: 1 Open water: Absent US Elev (m): 807 Islands: NONE Riparian Vegetation: Deciduous Bars: None 🗸 Side 🗌 Diagonal 🗌 Mid-channel 🗌 Span 🔲 Braid 🔲 Landuse: Not Specified SITE Site #: 274 Field UTM 9.636020.6042451 Agency: C172 SG/SH Site Length (m): 209 GIS UTM 9.636024.6042426 Agency Name: Triton Environmental Consultants (Terrace) CHANNEL No Vis.Ch.: Intermittent: 🗸 Avg Min Max Avg Min Max # Dewatered: Tribs.: Channel Width (m): 0.97 0.7 1.200 6 Gradient %: 9.33 8 11 3 Wetted Width (m): 0.00 0 0 Pool Depth (m): 0.00 0 0 Stage: Low Bankfull Depth (m): 0.23 0.2 0.3 Med Low Turbidity.: Turbid High Temp (C): pH: Conductivity: Moderate Clear MORPHOLOGY Bed Material: Dominant: Fines D95 (cm): 20.00 Bars: Non 🗸 Side \_ Diagonal Mid-channel Subdominant: Cobble D (cm): 5.00 Braid Channel Pattern: Sinuous Islands: None DISTURBANCE Coupling: Decoupled INDICATORS Confinement: Unconfined C1 C5 C3 Morphology: RP Riffle Pool COVER Total Cover: Abundant Type: SWD LWD В DP OV IV Amount S S D N I WD: Few Location: P/S/O: ~ LWD Dist: Evenly Distributed FSZ: Right Bank: Shape: Overhangi Texture: Fines V Gravel Cobble Boulder Rock Manmade Crown Closure Left Bank: Shape: Overhangi Texture: Fines Gravel Cobble Boulder Rock Manmade ■ 21-40% Right Bank: Rip.Veg: Deciduous Stage: Pole-sapling stage

Stage: Pole-sapling stage

Left Bank:

Rip.Veg:

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

1.0 0931 056 2453 274 PROJECT Project Name: RFFHI within the Morice Forest District (tribs to Morice R.) Stream Name (gaz.): BULKLEY RIVER Project Code: 5270 WATERSHED Gazetted Name: Local Name: ILP Map#: 093L.056 ILP#: 2453 NID Map #: 093L.056 NID#: 20274 Reach #: 1.0 Site #: 274 Field UTM (Z.E.N): 9.636020.6042451 Method: GPU Site Lg: 209 Method: HC Access: V2 GIS UTM (Z.E.N): 9.636024.6042426 Ref. Name: Date: 2002/09/05 Time: 09:20 Agency: C172 Crew: SG/SH Fish Crd?: Incomplete: CHANNEL Mtd width width width width width width width width width Gadient % Mtd Avg Avg Channel Width (m): MS 1.10 0.80 0.70 1.20 0.90 Method I: 1.10 0.97 11.0 8.0 C 9.33 Wetted Width (m): MS 0.00 Method II: 9.0 C Pool Depth (m): MS 0.00 No Vis.Ch.: Intermittent: 🗸 Wb Depth: .2 Avg: 0.23 Stage: L M H H Method: MS Dw: Tribs.: COVER Total: A SWD LWD CROWN CLOSURE Type: B U DP OV IV S Amount S N D N 21-40% Loc: P/S/O INSTREAM VEG: N A M V LWD: F DIST: E LB SHP: O Texture: F ✓ G ☐ C ☐ B ☐ R ☐ A ☐ Texture: F G G C B R A RIP: D RIP: D STG: PS STG: PS WATER EMS: Req#: Temp: Method: T4 Cond .: Method: S3 pH: Method: P2 Turb.: T M M L C Method: GE Flood Signs: Rafted debris Method: GE MORPHOLOGY 01 **B**1 **B2** D1 D<sub>2</sub> D3 Bed Malerial: Dominant: F Subdom: C D95: 20.0 D (cm): 5.00 Morph: RP DISTURBANCE INDICATORS Pattern: SI C1 C2 C3 C5 S1 **S3 S5** Islands: N Coupling: DC Confinement: UN Bars: NV DIAG MID SPAN BR FSZ: HABITAT QUALITY Name OverWinter Habitat None - no pools, dry channel. Rearing Habitat None - no pools and dry channel. Spawning Habitat None - no suitable substrates, dry channel. PHOTOS Photo Foc Lg Dir 97 F: 18 STD U Upstream photo of site (crew member in picture), typical cobble and fines. R: 97 F: 19 STD D Downstream photo of site - typical fine substrates within channel.

Upstream photo taken upstream of road crossing (fines).

STD

U

97

F 20

### Morice North Planning Area

Reach#

ILP Map #

ILP#

Site 274

1.0

093L.056

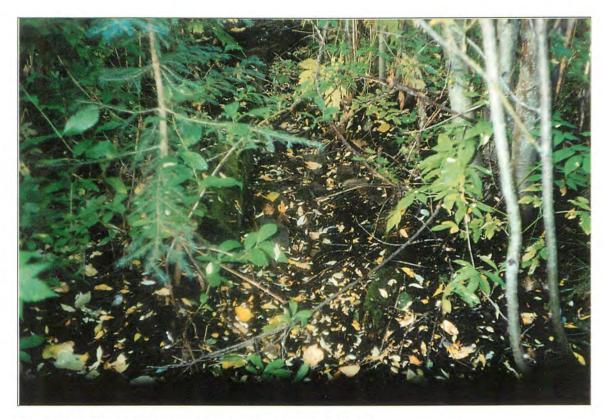
	COMMENTS
Section	Comments
CHANNEL	Stream Dry at time of survey.
CHANNEL	S4*
CHANNEL	Stream flows over road (no culvert), surveyed 209 m downstream of road.



Site #274, Upstream photo of site (crew member in picture), typical cobble and fines. Roll #97, Frame #18, Date: 2002/09/05



Site #274, Downstream photo of site - typical fine substrates within channel. Roll #97, Frame #19, Date: 2002/09/05



Site #274, Upstream photo taken upstream of road crossing (fines). Roll #97, Frame #20, Date: 2002/09/05

Morice North Planning Area

Reach # ILP Map #

093L.056

ILP#

2.0

			STR	REAM	REF	EREN	CING			133	nt.
Gazetted Na	me:					L	ocal Name:				
Watershed C	ode: 000-00	00-00000-00	0-0000-0000-0	00-000-00	0-000-0	000-000	ILP	Map #: 093L.0	56	ILP#:	2450
			11. 7		REA	CH				480.50	
Reach #: 2 Length (km) Gradient (%) US Elev (m) Bars: None	: 1.00 : 6.9 : 751	Confir	UTM(Zone/East/Noupling: Partially (nement: Confined Islands: NONE Mid-channel	Couple	Mag Rip	gnitude: Order:		d C/D	Sample Type BGC Zone Open water: A	: SBS	lom
	* B				SIT	E		The State of the S	71 mg 73	al. 13 13 13	
Site #: Site Length			M 9.636779.6042 M 9.636802.6042	175			y: C172 cy Name: Tritor	Crew: SO		e: 2002/0 (Terrace)	9/05
	.W 1	1 30	# 3	C	HAN	NEL	No. of The	992			==1 1
No Vis.Ch.:  Dewatered:  Stage: Low		ribs.:	channel Width (m) Wetted Width (m)		Min 2.3 0.600	Max 3.8 1.100	# 6 6	Gradient % Pool Depth (m)		4	3 6
Med [ High [		emp (C): 5	ankfull Depth (m) pH: 6.6	0.27	0.2 C	0.3 Conductivit	3		oldity.: Turb Modera		Low_ Clear
			The state of the s	MOR	PHO	LOGY		a de la Park		7	
Bed Material:	Dominant		D95 (cm): 30 D (cm): 10		1	Bars: Non	✓ Side	Diagonal [	Mid-chan		Span Braid
Confiner	ttern: Sinuou pling: Partiall; ment: Freque plogy: RP		Islands: No	ine		RBANCE ATORS C2 C3	01 B1 3 C4 C5	B2 B3 S1 S2	D1 D2 S3 S4	D3 S5	
F. 701		32 35 -31		- · · · C	OVE	R	<b>可能是证明</b>	W.	Va. 27 17 1		19.5
	Abundant Abundant Evenly Distrit	buted	Type: Amount: Location: P/S/O:	SWD S	LWD S	B	U T		DV IV	FS	z: 🗍
Right Bank: Left Bank: Right Bank: Left Bank:	Shape: S Shape: V Rip.Veg: M Rip.Veg:	- shape Text	Stag	avel () avel () ge: Pole-sa ge: Pole-sa	Cobble apling st	Boulde	er Rock	Manmade ☐ Manmade ☐ g: None ✔	]		sure 40% scular
					FISI	1	The first of the second	$r_{i,-1}(t) = r_i(t)$	一种原金	= 15a (	4
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time		Voltage	Species	Total Fish	Minimum Length (mm)		imum th (mm)
275	EF	1	100	135 se	c	600	RB	9	30	1	85

#### Morice North Planning Area

Reach#

ILP Map #

ILP#

Site 275

2.0 093L.056 2450

		THE OF STREET		ROJE	T			100 St. 100	
	az.): BULKLEY Rode: 460-000000-	IVER				00	Project C	ode:	5270
		7.4	WA	TERSI	IED		7/1		
Gazetted Name: Watershed Code: 000- ILP Map#: 093L		000-0000-0000-00 ILP#: 2450	0-000-000-00 NID Map #:		NI	Loca D#: 202	l Name: 75 Read	ch#: 2.0	) Site #: 275
Field UTM (Z.E.N): 9.63 GIS UTM (Z.E.N): 9.63	6802.6042358	Method: (		cy: C172		Site Lg: ef. Name:		Method: HC	Access: FT
Date, 2	002/09/03	Time. 11:00				rew: So	3/30	Fish Crd?:	Incomplete:
				HANN		تجد آرا			
Channel Width (m): MS Wetted Width (m): MS Pool Depth (m): MS	2.50 2.30 0.80 0.80	width width 3.80 3.20 0.70 0.60 0.20 0.10	width wid 3.40 2.8 1.10 0.7 0.25 0.1	5	width	width	width Avg 3.00 0.79 0.17	Method I: Method II:	Gadient % Mtd Avg 4.0 3.0 C 3.33 3.0 C
Wb Depth: .3	.3 .2 Tot	Avg: 0.27	Metho	d: MS	Sta	age: L	N W D H D	No Vis.Ch.:	Intermittent:
Type: SV Amount: S Loc: P/S/O:	VD LWD	B U T T	DP T	OV D	IV N	2	WN CLOSURE 21-40% REAM VEG:	N 🗸 A 🗆 M	
RIP: M STG: PS	V G V C □			WATER			RIP: M STG: PS		B R A
EMS:						Rec	#:		
Temp: 5			Method: T	4		Cor	nd.: 60		Method: S3
pH: 6.6 Flood Signs: None			Method: P Method: GE	E		Tu	т.: Т <u>М</u>	_ r □ c 🗹	Method: GE
			MOR	PHOL	OGY		100		
Bed Material: D95: 30.0 Pattern: SI Islands: N Coupling: PC	Dominant: C D (cm): 10.00	Subdom: Morph:		DISTURB. INDICAT			المال	33 D1 D2 C4 C5 S1	D3 S2 S3 S4 S5
Confinement: FC FSZ:				Ва	rs:	N	SIDE	DIAG MIC	SPAN BR
			HABIT	AT QU	ALIT	Y			
Name			1000, 64			omments	path path and a second		
Spawning Habitat		dequate substrate		avel patche	s.				
OverWinter Habitat		ck sufficient depth							
Rearing Habitat	Good - lots of	cover in shallow p			3				
District Control of the Control of t		四個海龍。對生活		ното				现数位于	ARCHITECTURE TO
	Foc Lg	Dir	Dist	DD (:			Commen	its	
97 F: 21 97 F: 21A	STD	U	Picture of	photo of sit	o /functi	oning I M	D)		
97 F: 22A	STD	D					here RB fry car	otured).	
and the second s				P. 1010 01		Page 11			

## Morice North Planning Area

ILP Map #

2.0

093L.056

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4	4	G	O	

Section	Comments
SITE CARD	Surveyed upstream looking for potential barrier to upstream Reach. No barriers to fish migration were observed in surveyed sect Barrier identified in Site 273.
CHANNEL	S3
CHANNEL	RB fry captured (35 and 30 cm) newly emergent.

## **FDIS Fish Card**

### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

000-00000-00000-00000-0000-000-000-000-000-000-000

2.0

093L.056

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1								V	VATE	RB	OD'	Y	anin.	98.74				
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	_	Permit #		15269	-	ate: 200	0/00/00		T- 0	000/0	_	- TO - LO	-		_	2016/10	5-10-2-110	C
	FISH	ermit #	. 14	15269	U	ate: 200	2/09/05		To: 2		- 37		ency:	C172	Cre	ew: SG/SH	l Resa	mple: L
					" Y8			SI	TE 1	ME	THO	) D	7-11					
Site#		ID Map	NIC		JTM:Zone	e/East/No		-	MTD/NC	) Te	emp	Cond	Turt	0.9		C	omment	
275	09	3L.056	202	275				GPU		_	5	60	C					
Jie v		A R			WEEL SOLE			l. G	EAR	SE	TII	NGS			0.04	Flore St.		
Site#	M	TD/NO	H/P	Date		me In	Date 0	Out	Time Ou	t					Com	ment		
275	E	F 1	1	2002/09	77.7		2002/09		11:45									
1,25		學家	通		C	. ELE	CT	ROF	ISHE	R	SPE	CIFI	CA	TION	S	* # F		
Site#		MTD/N	10	H/P	En	cl :	Sec	Le	ngth	W	idth	Vol	tage	Frequ	ency	Pulse	Make	Mod
275	E	F	1	1	0	F. 12	135	10	0.00		3.0	6	00	6	0	6	SMITH	128
		100	1.30	9 Jan	W. " - Carl			FI:	SH S	UM	MAF	Y		No.		2,215,000	W TOW	1
Site#		MTD/N	10	H/P	Species	Sta	ge	Age	То	tal#	Lgth	(Min/M	ax)	FishAct	Security Sec		Comment	
275	E	F	1	1	RB	J				5	70		85	R	upstre	am of road	crossing.	
275	E	F	1	1	RB	F				4	30	)	35	R	downs	stream of ro	ad crossing.	
		/a 1/2		10 To	778-17-		INE	111	DUA	L F	ISH	DA	TA	11 5 M	1.1	10 P		No.
ite#	МТ	D/NO	H/P	Species	Length	Weight	Sex	Mat	Str/S	Age Smpl#/	Ane	Vch#	_	netic Smpl#	Roll #	Frame#	Comi	ment
275	EF	1 1	1	RB	35		U	IM	1	p.iii	190		0.07	1				_
275	EF	1	1	RB	30		U	IM		100		-						
275	EF	1	1	RB	30		U	IM		7								
275	EF	1	1	RB	35		U	IM			3 ===			-				
275	EF	1	1	RB	85		U	IM								-		
275	EF	1	1	RB	70		U	IM		1	. —		-					
275	EF	1	1	RB	75		U	IM		100								
275	EF	1	1	RB	75		U	IM										
275	EF	1	1	RB	80	-	U	IM										



Site #275, Picture of RB fry. Roll #97, Frame #21, Date: 2002/09/05



Site #275, Upstream photo of site (functioning LWD). Roll #97, Frame #21A, Date: 2002/09/05



Site #275, Downstream photo of site (small pool where RB fry captured). Roll #97, Frame #22A, Date: 2002/09/05

Morice North Planning Area

Reach # ILP Map #

ILP#

6.0 093L.056 2450 STREAM REFERENCING Gazetted Name: **Local Name:** ILP Map #: 093L.056 ILP#: 2450 REACH Reach #: 6.0 UTM(Zone/East/North): 9.633437.6043105 Sample Type: Random Length (km): 1.10 Coupling: Partially Couple Magnitude: BGC Zone: SBS Gradient (%): 8.3 Confinement: Frequently Confin Order: 2 Open water: Absent US Elev (m): 942 Islands: NONE Riparian Vegetation: Mixed C/D Bars: None ✓ Side ☐ Diagonal ☐ Mid-channel ☐ Span ☐ Braid ☐ Landuse: Not Specified SITE Site #: 276 Agency: C172 Field UTM 9.633946.6042966 SG/SH Site Length (m): 100 GIS UTM 9.633876.6043030 Agency Name: Triton Environmental Consultants (Terrace) CHANNEL No Vis.Ch.: Intermittent: V Avg Min Max # Avg Min Max # Dewatered: Tribs.: Channel Width (m): 0.94 0.78 1.200 6 4.00 Gradient %: 3 5 3 Wetted Width (m): 0.55 0.400 0.7 2 Pool Depth (m): 0.090 2 0.10 0.100 Low V Bankfull Depth (m): 0.10 0.1 0.1 3 Med Turbidity .: Turbid Low High Temp (C): 7 pH: 6.4 Conductivity: 50 Moderate Clear V MORPHOLOGY Bed Material: Dominant: Cobble D95 (cm): 20.00 Bars: Non V Side Diagonal Span Subdominant: Gravels D (cm): 4.00 Braid Channel Pattern: Sinuous Islands: None DISTURBANCE **INDICATORS** Coupling: Partially Coupled Confinement: Occasionally Confine C4 C5 S1 S2 **S**3 **S5** Morphology: RP Riffle Pool COVER Total Cover: Abundant Type: SWD LWD В DP OV IV Amount: s D LWD: Few Location: P/S/O: V ~ ~ LWD Dist: Evenly Distributed 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: Mixed C/D Stage: Pole-sapling stage Left Bank: Rip.Veg: Instream Veg: None Algae Moss V Vascular Stage: Pole-sapling stage FEATURES NID Map NID Hgt Type Method Lg Method Photo AirPhoto UTM (Z/E/N) 093L.056 25276 CV MS HC .5 10 96 F: 02A 9.633945.6042 Comments: Perched 2.0 m at outlet

	32,75			FI	SH			They for the world	
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
276	EF	1	100	123 sec	700	NFC	0.		

Morice North Planning Area

ILP Map # Reach #

ILP#

Site

6.0 093L.056 2450

	4.6	H III	Calmana da					PR	OJE	CT			AN I		300				
Pro	Proje Stream Nar nject Watersh	me (gaz.	): BUL	KLEY RI	VER	ice Fore					00		Project (	Code:			5270		
	To the last of		<b>展</b>	PER S	4.1		XX(1X)	WAT	ERS	HED								A Ministra	
Ga	zetted Name	):	- 111								Loc	cal Nam	e:		The state of the s				
Field U	ershed Code ILP Map# JTM (Z.E.N) JTM (Z.E.N)	: 093L.0 : 9.6339	56 46.6042	966	LP#: 24		NID M	000-000- ap #: 09		N	ID#: 20 Site Lo	g: 100	Rea	ich #; Meth	nod: HC	6.0		Site #: 2	276
	Da	te: 200	2/09/05		Time: 13	:15		Agency:	C172	0	crew:	SG/SH		F	ish Crd?	: V	Ir	ncomple	ete:
	1 11 11 11 11 11		E70.1	* " = l	40 MW				ANN	_		Z.Ro					1000		
and the second	H-WHO ST	Mtd	Luidth	width	Luidth	width	Luddth			-	Ludate	Listates	I Acce	t tergy	Act Holes	Carl	A 0/		T A
Channe	el Width (m):	MS	width 1.00	0.80	width 0.85	0.78	width 1.00	width 1.20	width	width	width	width	0.94		fethod I	Gadie	3.0	Mtd	Avg 4.00
	d Width (m):		0.40	0.00	0.00	0.70	0.70	1.20					0.55	-	ethod II	_	3.0	C	4.00
	ol Depth (m):		0.09				0.10						0.10	1	calod II	. 0.0		-	1
									75				91.10	No.	Vis.Ch	n.: 🔲 🗆	Intermi	ttent:	/
	Wb Depth:	.1	.1	1_	Avg	g: 0.10	1	Method:	MS	St	age: L	V M	_ H		D	w: 🗌	T	ribs.:	
100	COVER			Tota	al: A														
E	Туре	SWE	LV	VD	В	U	DF		ov	IV	CR	OWN CI	OSURE						
	Amount	S	1	S	T	T	T		D	T	1		-20%						
	Loc: P/S/O	1	V			V	V			V	INS	TREAM	VEG:	N	A	MV	VII		
	RIP	: M				R 🗌 A						RIP	: M			В			
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	Flood Signs:	Small s	ections	of ra			Metho	od: GE						-					
N 1 1 1 1		Sur Vi					N	ORF	HOL	OGY	1-2-	4.7		9	- 原 - 脚 - リ - 10 - 10 - 11 - 11 - 11 - 11 - 11 - 11		學是	(0)	1 - 1
E	Bed Material: D95:	20.0	Dominan D (cm	t: C ): 4.00		Subdon	Automotion in		DISTURE	BANCE	01	B1	B2	B3	D1 (	D2 D	3		
	Pattern: Islands:	N							INDICA		C1	C2	C3	C4	C5 S	S1 S2	2 S	3 S4	\$ S5
	Coupling:																		
	confinement: FSZ:								В	ars:	N	SID		DIAG		MID	SPA	N	BR
	100	"		of a park				FEA	TUR	ES	WE THE		and the		13 H		Sect-	Mars = 4	
NID Map	NID	Гуре	Hgt	Metho	d I I	g N	Method		Photo	The Table	THE ST	AirP	hoto		1	UTM (Z	/E/N)		Method
093L.056		cv	.5	MS			HC	R: 96		02A L	:	17,100,00	#:		9.6	633945.6		_	GIS
Commer	its: Perched	2.0 m at	outlet							- 31									
		· (1)	a Carry			100	HAI	BITA	TQL	JALI	TY	-71 %			力學的		10/3	N.	
25.75.72	Name		T	1		PART IS			mark to	C	ommen	ts		1		55.5	AL-	2.35	
Over	Winter Habit	at	Poor -	due to li	mited po	ools with	no dept	h (epher	neral).					-					
	wning Habita					ean patc				*									
Rea	aring Habitat		Poor -	due to la	ack of de	epth - Dr	y/Int cha	nnel (ep	hemeral	l).									

### Morice North Planning Area

Reach # ILP Map # ILP # Site 6.0 093L.056 2450 276

ğ 3	grave-	(Age)				PHOTOS
	Ph	oto		Foc Lg	Dir	Comments
R:	96	F:	02A	STD	U	Upstream photo of culvert perched ~2.0 m.
R:	96	F:	03A	STD	U	Upstream photo of site with water (isolated wetted section of channel) (tape measure in view).
R:	96	F:	04A	STD	D	Downstream photo of site.
R:	96	F:	05A	STD	D	Downstream photo of culvert inlet (disturbed section) ponded area due to perched inlet.
R:	96	F:	06A	STD	U	Upstream photo of culvert outlet perched ~2.0 m.
			AND S	· 大海 加州	12 S M	COMMENTS
		Se	ction	TO THE REST OF THE PARTY OF THE	W-19 2 - 1 - 1 - 1	Comments
		CHA	NNEL	S6		
		CHA	NNEL	Inlet and out	let of culvert was	perched.
		CHA	NNEL	Electroshock	ing was conduct	ed in small isolated pockets of water resulting in NFC.

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

000-000000-00000-0000-0000-000-000-000-000-000-000

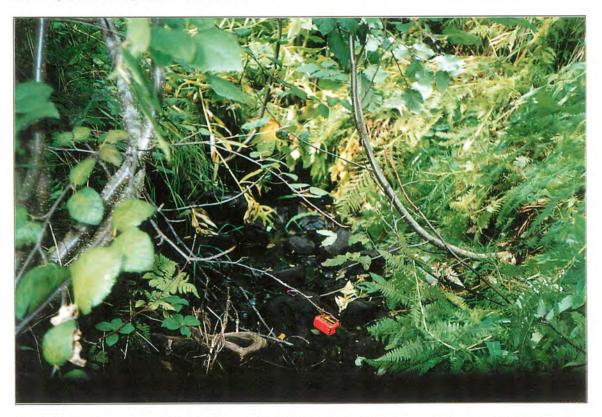
6.0

093L.056

1			-0101 7	1 2 3 Long				WA	TER	BOD	Y		No. 1			A The Corp.	
Gaz	zetted N	ame:									Loc	al:					
F	roject (	Code:	460-0	000000-0	00000-0	0000-000	0-000-000-0	000-00	0-000-0	0-00							
	WS	Code:	000-0	000000-0	00000-0	0000-000	0-0000-000-0	000-00	0-000-0	000-000							
V	aterboo	ly ID:						ILP	Map #:	093L.0	56		ILP#:	2450	Reach #:	6 -	
	Proje	ct ID:	5270								Lake/St	eam:	S	Lake	From Date:		
F	ish Pen	nit#:	14	5269		Date: 2	002/09/05	1	o: 200	2/09/05	Age	ency:	C172	Crew: SG	/SH F	lesample:	
S	11 34			1	1	100	19 3000	SITE	E / N	ETH	O D		生物人				E
Site#	NID	Иар	NID	#	UTM:Z	one/East/	North/Mthd	MT	D/NO	Temp	Cond	Turt	oid		Comment		-
276	093L	056	202	76	MG		GP	U EF	1	7	50	С					
				-7		9	Α.	GE	AR S	ETT	INGS						
Site#	MTD	NO	H/P	Date	In	Time In	Date Out	Tim	e Out				C	comment		HEIRAND, A & S	
276	EF	1	1	2002/0	9/05	13:15	2002/09/05		3:45								
	HE C				ill Siltu	C. EI	LECTRO	FIS	HER	SPI	CIFI	CA	TIONS				Art
Site#	M	TD/N	0	H/P		Encl	Sec	Lengti	h	Width	Vol	age	Frequency	y Pulse	Make	e   I	Model
276	EF		1	1		0	123	100.0	)	0.8	70	00	60	6	SMIT		12B
70-18		00 E	3 (1)	35		X 15 (		ISI	SU	MMA	RY	101	<b>强制的</b> 为		THE SHAPE	- N. V	
Site#	M	TD/N	0	H/P	Spe	cies S	Stage A	ge	Total	# Lg	th (Min/M	ax)	FishAct	The state of the s	Commen	t	
276	EF		1	-1-	NF	0			0								



Site #276, Upstream photo of culvert perched  $\sim$ 2.0 m. Roll #96, Frame #02A, Date: 2002/09/05



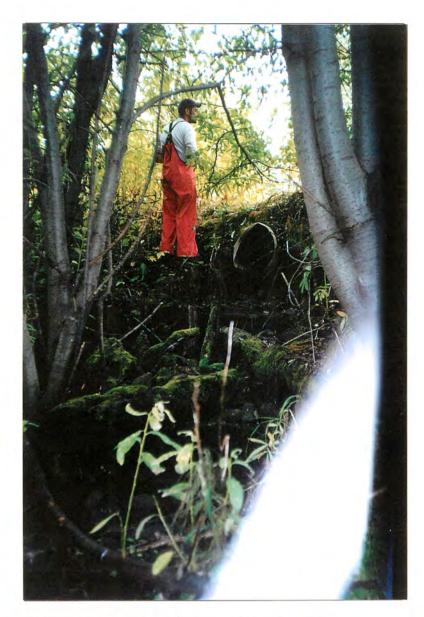
Site #276, Upstream photo of site with water (isolated wetted section of channel) (tape measure in view). Roll #96, Frame #03A, Date: 2002/09/05



Site #276, Downstream photo of site. Roll #96, Frame #04A, Date: 2002/09/05



Site #276, Downstream photo of culvert inlet (disturbed section) ponded area due to perched inlet. Roll #96, Frame #05A, Date: 2002/09/05



Site #276, Upstream photo of culvert outlet perched  $\sim\!\!2.0$  m. Roll #96, Frame #06A, Date: 2002/09/05

Morice North Planning Area

Reach # ILP Map #

LP#

2.0

093L.056

The same	- 3	2	100 153	ala la	STR	EAM	REF	ERE	NCINI	G			320	5.1
Gazetted Nam	e:								Local Na	ame:				
Watershed Co	de: 000	)-00000	00000-00	0-0000-0000	-0000-00	0-000-00	0-000-0	000-000		ILP Map #: 093L.0	056	IL	P#:	2448
	100	Pag-	Ura i	1. 17 1. 18			REAG	CH			312.W		7/15	
Reach #: 2.0 Length (km): 1 Gradient (%): 8 US Elev (m): 8 Bars: None	1.28 3.1 309	. 🗆 :	Co	UTM(Zon Coupling: E nfinement: F Islands: N	Pecoupled Frequently NONE	1	Mag Rip	gnitude: Order:	1 1 egetation	: Mixed C/D		Zone: Zone: ater: Abs	7.00	ed
	- 1/2	16.5	118	994,-1		111 700	SIT	E					- 918°	- Mr.
Site #: 27 Site Length (m				UTM UTM 9.6372	25.60414	00			ncy: C172	2 Crew: S e: Triton Environment	G/SH tal Consu		2002/09 errace)	0/05
1 = 1 = 1		3117			Oran Car	C	HAN	NEL	T. W.					P. P.
No Vis.Ch.:	Inte	rmitten	it: 🗸		19	Avg	Min	Max	#		Avg	Min	Max	#
Dewatered:	]	Tribs	.: D [	Channel W	/idth (m):	1.00	0.800	1.200	6	Gradient %	6.00	5	7	2
tage: Low	1			Wetted W	/idth (m):	0.00	0	0	0	Pool Depth (m	): 0.00	0	0	0
Med	i			Bankfull D	epth (m):	0.30	0.3	0.3	3	Turi	bidity.:	Turbid		Low
High _		Tem	p (C):	p	H:		C	onductiv	rity:	tui		loderate		lear
		5.04	()- ,- E			MOR	PHO	LOG	Υ		70.3		100	-
		ant: Fir ant: Bo			(cm): 20. (cm): 2.0		1	Bars: No	on 🗸 :	Side Diagonal	Mid	-channel	-	an [
Channel Patte Couplin Confineme Morphologi	ng: Dec	coupled casiona			ands: Nor	ne		RBANCE ATORS C2 (	01 C3 C4	B1 B2 B3  C5 S1 S2	D1 S3	D2 D S4	3 S5	
1 4 4 4	y'man	W-1-2	STEEL ST	g wines		C	OVE	R	1 7					
Total Cover: Ab	undani				Type:	SWD	LWD	E	1	U DP	ov T	IV		
				A	mount:	T	T	1 5		TN	D	N		
LWD: Fe	000	erw. S	. 1	Location:	7/2/2	/	VII	-						
LWD Dist: Ev	enly Di	stribute	ed L		1		VI						FSZ	
Right Bank:	Shape	e: Slopi e: Slopi g: Mixe	ing (g T	Fexture: Fines Fexture: Fines	s ✓ Gra			age	jer R	lock Manmade cock Manmade am Veg: None ✓	Algae		own Clos 21-4 Vaso	0%
	Rip.Ve	g:												
Right Bank:		g:			Self-Y	9. J.	F	EATL	IRES	Aug. San Shirt	100			N. 6
Right Bank: Left Bank:	Rip.Ve	g: Type	Hgt	Method	Lg	Metho		E A T L	2480年	AirPho	oto		UTN	л (Z/E/

## Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

093L.056 2.0 2448 277

11/20	The state of							PR	OJE	СТ						200		-31),-	11/53
	Proje Stream Nar ect Watersh	ne (gaz	.): BUL		VER						000	F	Project C	ode:			5270		
	(4. 2di	<b>唐</b>	4,40	1 10	200	W. 表 图 .	<b>"</b> 辑"》	WAT	ERS	HED	10H= 10		No. of the second	The	7115	61.1=19/7	10 King A	44.3	No.
Wate Field U	etted Name rshed Code ILP Map# TM (Z.E.N) TM (Z.E.N)	: 000-00 : 093L.0	)56	11	LP#: 24			000-000- ap #: 09		1	NID#: 20 Site Le	g: 100		ch #: Meth	2. od: HC	0	Site Access: V	#: 277 /2	
GIS U						24			232						. 2				
	Da	te: 200	2/09/05	1	ime: 15	:36		Agency:			Crew:	SG/SH		Fis	sh Crd?:		Incom	iplete:	Ы
		3			3.0		OF THE S		ANN	_						To the	200		100
Channe	Width (m):	Mtd	1.00	width 1_10	width 0.90	width 0.80	width 1.00	width 1.20	width	width	width	width	Avg 1.00	14	athead to	Gadier 7.0			Avg 6.00
	Width (m):	MS	1.00	1210	0.90	0.00	1.00	1.20					0.00	-	ethod II:	7.0		c	0.00
	Depth (m):	MS											0.00	-				_	
	Wb Depth:	.3	1 .3	1 .3	Avo	1: 0.30		Method:	MS	5	Stage: L	ПМ	пнп		Vis.Ch.: Dw:		ntermittent Tribs.	,	
	COVER				al: A	0 443													
Г	Туре	SWE	L	WD	В	U	T DF		ov T	IV	7 CR	OWN CL	OSURE						
	Amount	_		Т	S	Т	N	100	D	N	2	2	1-40%						
	Loc: P/S/O	V				V					INS	TREAM	VEG:	NV	AIN	ITV	/ [		
	LB SHP Texture RIP STG	: F <b>✓</b> :M	G	] C 🖂	В	R 🗆 /						RB SHP Texture RIP STG	F V	G	с	В	R 🗌 A		
7		3 (3)		255			( )	W	ATE	R	1	i di	100	33				E 3	Carlo S
F	EMS: Temp: pH: Flood Signs:						Meth	od: T4 od: P2 od: GE			С	eq #: ond.: furb.: T	M	□ L	o c	)	Method:		
), H	100	- 1	5. 1%	30	of soil	生き	N	ORF	HOL	OGY	100			1.00	No.			**·	1
	ed Material:  D95:  Pattern: Islands: Coupling: onfinement: FSZ:	20.0 SI N DC OC	Domina D (cn	nt: F h): 2.00		Subdon Morpi		C	DISTURE INDICA B		01 C1	B1 C2 SID	C3		D1 D2			\$4	S5
	102.		7.00000	nre	- 11 day	Activity of the			wice			attriction.	IN PROPERTY.						
ES HI								T E A	TUR	ES				1		£ 305		$\bar{x}(t)$	
NID Map 093L.056		CV	Hgt .3	Metho			MS MS	R: 96	Photo	07A	L:	AirP	noto #:			TM (Z/E			ethod
	ts: Perched			MO	1	0	MO	[w.] a	Let	UIA			#:	_	9.03	1230.00	041420	- (	313
	Name	8) =	T			10 mg/m	HA	BITA	TQI	September 1	T Y Commen	ts		-10-2-			1-1-		
	Vinter Habita		_	- due to				Contract Contract											
	ring Habitat		_	- due to n					han!										
Spav	vning Habita		1-oor	- due to li	mileo ar	HOURT OF	graver a	ind dry c	rannet.										

## Morice North Planning Area

Reach#

ILP Map #

ILP#

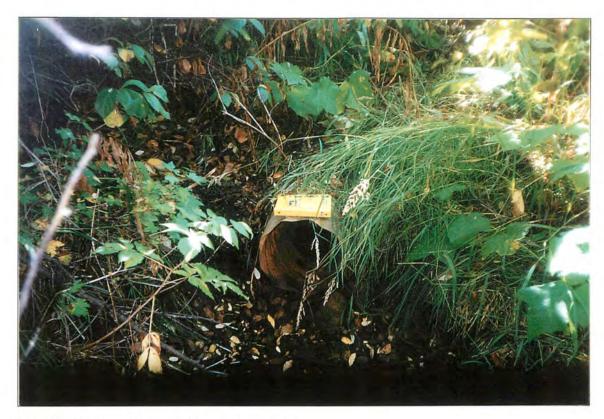
Site

2.0

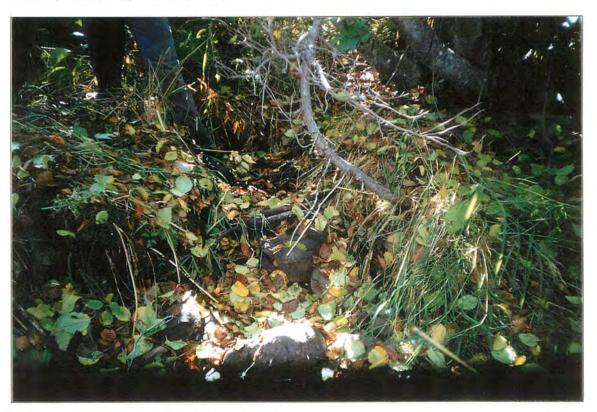
093L.056

2	7	7
~	•	۰

	Ph	oto		Foc Lg	Dir	Comments
R:	96	F:	07A	STD	U	Upstream photo of 0.20 m perched culvert.
R:	96	F:	A80	STD	U	Upstream photo of site (with boulders).
R:	96	F:	09A	STD	D	Downstream photo of site (lots of leaf litter).
W . T					SECTION AND ASSESSMENT	COMMENTS
		Se	ction		The state of the s	Comments
		CHA	NNEL	S4*		
		CHA	NNEL	Dry Channel		



Site #277, Upstream photo of 0.20 m perched culvert. Roll #96, Frame #07A, Date: 2002/09/05



Site #277, Upstream photo of site (with boulders). Roll #96, Frame #08A, Date: 2002/09/05



Site #277, Downstream photo of site (lots of leaf litter). Roll #96, Frame #09A, Date: 2002/09/05

Morice North Planning Area

Reach # ILP Map #

ILP#

1.0 093L.046

1 8 10 m	21		STR	EAM	REF	EREN	CINC	3 45			
Gazetted Na	me:						ocal Na	me:			
Watershed C	ode: 000-00	0000-00000-00	000-0000-0000-00	00-000-00	00-000-0	000-000		ILP	Map #: 093L	046	LP #: 2877
				100	REA	СН		135			
Reach #: 1	.0		UTM(Zone/East/N	lorth): 9.	638225.	6031466				Sample Type:	Biased
Length (km)	: 1.57	Co	oupling: Coupled		Ma	gnitude:	8			BGC Zone:	SBS
Gradient (%)	: 4.7	Confi	nement: Frequentl	y Confin		Order:	3			Open water: Ab	sent
US Elev (m)	: 823		slands: NONE		Rip	oarian Ve	getation:	Conif	erous		
Bars: None	✓ Side	Diagonal _	Mid-channel	Span	□в	raid 🗌	Landus	se: Not	Specified		
	1.	9 × 4 * * * * * * * * * * * * * * * * * *	E TUNNELLE	1 100	SIT	E .			1 40 m		
Site #:		A CASA TO A	M 9.638750.60326	3.35			y: C172				2002/09/06
Site Length	(m): 230	GIS UT	M 9.638756.60326	365		Agen	cy Name	: Tritor	Environmen	ntal Consultants (	Гептасе)
		70 ghk		C	HAN	NEL					
No Vis.Ch.:	Intermit	tent: 🗸		Avg	Min	Max	#			Avg Min	Max #
Dewatered:	_ Tr	ibs.:	hannel Width (m):	3.23	2.8	3.700	6		Gradient	%: 3.50 3	4 2
Stage: Low			Wetted Width (m):	0.77	0.600	1	3	F	Pool Depth (r	n): 0.15 0.100	0.200 3
Med		E	Bankfull Depth (m):	0.50	0.4	0.6	3		Ťu	urbidity.: Turbid	Low
High [		emp (C): 5	pH: 6.8		(	Conductivi	ty: 60			Moderate	
	10 M	V 70 (4)	25 C Sup.	MOR	PHO	LOG	result.		en. 5-2-5	3.0	
Bed Material:	Dominant:	Cobble	D95 (cm): 40			Bars: Nor		na F	Discount	T 100 -1	. 🗆 .
	Subdominant:		D (cm): 17			bars: Nor		Side _	Diagonal	Mid-channe	
											Braid
	ttern: Sinuou		Islands: No	ne		RBANCE	01	B1	B2 B3	D1 D2	D3
	oling: Couple						الحا		بالله		
	nent: Confine logy: RP	Riffle Pool			C1	C2 C	3 C4	C5	S1 S	2 S3 S4	S5
Worpho	logy. KF	Kille Pool									
		700	the solution of		COVI	ER		700	alu also		
Total Cover: A	Abundant		Type:	SWD	LWE	В		U	DP	OV IV	
LWD: F	ew	_	Amount:	T	S	D		T	N	SN	
LWD Dist: I	Evenly Distrib	outed	Location: P/S/O:	V	V						FSZ:
Right Bank:	Shape: V	- shane Tev	ture: Fines Gr	avel	Cobble	✓ Bould	or D	ock 🗌	Manmade		rown Closure
Left Bank:	Shape: V			avel 🗸				ock	Manmade		
Right Bank:	Rip.Veg: C	the second labor to be	The second second second	e: Mature		<b>b</b> Douid	. I'd	JCK	Manimade		1-20%
Left Bank:	Rip.Veg:			e: Mature			Instres	m Vec	. None	Algae Moss	Vascular
		10 -04' : 5	Jug	o. matore				ann veg	, None	Aigae   Moss	vasculai
110 - 12		STE X	San San Co	× 211	260	EATU	25/3/5		16.737		
NID Map	NID Type		Method Lg	Metho		Photo		_	AirPh		UTM (Z/E/N
	25278 XW	1.0	MS	HC	R:		12A	L:		#:	9.638756.6032
Comments:	Non-perman	ent obstruction	located ~50 m up	stream of	conflue	ence with	merson	Creek	9		
				19	FIS	H FINE		135		The state of the s	to the political
Site Number	Capture Method	Number of Events	Length fished (m)	Tota Time		Voltage	Spec	cles	Total Fish	Minimum Length (mm)	Maximum Length (mm)
278	EF	1	240	149 se		600	NF		W / N/	gar (min)	zongai (mili)
~, ~			1 240	140 56		000	INF	U	0		

## Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

1.0 093L.046 2877 278

N (E-1	507.361.	V. V.	7.2			I lease		PR	OJE	СТ				7 -4				
200	Proje Stream Nan ject Watersh	ne (gaz.	): BUL	KLEY RI	VER				to Morice		00		Project C	Code:		52	70	
The Mark		AL TO SERVICE AND ADDRESS OF THE PARTY OF TH	THE		la de			WAT	ERS	HED	100-51				WE	1.		# W.F
Gaz	zetted Name	:									Loc	cal Nam	e:					
Field U	ILP Map# ITM (Z.E.N) ITM (Z.E.N)	: 093L.0 : 9.6387 : 9.6387	46 50.6032 56.6032	644 665	LP#: 28	377 Method:	NID M GPU	ap #: 09	3L.046	N Re	Site Lo	g: 230 e:	Rea		1.0 od: HC	Ac	ccess: F	
Contract to	Da	te: 200	2/09/06		Time: 08	:00	Service Inch	Agency:			rew:	5G/5H		FIS	sh Crd?:	~	Incom	plete: [_]
		- 00	14% 3	133	4	N. J. S.		-	ANN		V. 17	, it			70 Help	1-19	7 173/4	11111
Channe	( IAFalth /ma).	Mtd	width	width	width	width	width	width	width	width	width	width	Avg	-		Gadient %		
	el Width (m): d Width (m):	MS	3.40	3.20 0.60	3.20	3.70	2.80	3.10					3.23		ethod I:	4.0 3.0		
	Depth (m):	MS		0.10	-		0.70	0.20	-			_	0.77	I ME	thod II:			-
100	Deput (m).	IVIO		0.10			0.10	0.20		-		_	0.15	No	Vis.Ch.:	Inter	mittent	V
	Wb Depth:	.5	.6	.4	Avg	g: 0.50		Method:	MS	St	age: L	V M	TH (		Dw:		Tribs.:	
	COVER			Tota	al: A													
-		I OWE	- F 10		-		1 50		OV. 1	- 67	1 000	2441 01	001105					
-	Type:	SWD	LV	_	B D	T	DF	_	ov s	IV	1		.OSURE					
-	Amount: Loc: P/S/O:					V	N		5	N	1		-20%			ı d		
	RIP: STG:	:C	1 - 1	•		R 🗌 A	Ш					RIP	:C		•	BR		
De la	5.400	7		-			1907-19	W	ATE	R	301 III-	10,30					5-8/9	7
	EMS:										Re	eq #:						
	Temp:						Metho	od: T4			C	ond.: 60				· N	fethod:	S3
	pH:							od: P2			Т	urb.: T	ПМ	m Li	C	. N	fethod:	GE
1	Flood Signs:	None					Metho	od: GE						L 1		4		
	D. S. J. W.	200	V. 10.	ET ST	13/2	3,10	N	ORF	HOL	OGY		1	200-01		- 1000	25.2		3
B	led Material:		Dominan	+.0		Subdom	. D				01	B1	B2	B3 D	01 D2	D3		
		40.0		: 17.00		Morph										TO		
			D (0111)	,. ,,,,,,		Morpi		I	DISTURE INDICA		-		00					
	Pattern: Islands:								HADION	10110	C1	C2	C3	C4 C	25 S1	S2	S3	S4 S5
	Coupling:																	
C	onfinement:																	
	FSZ:								В	ars:	NV	SID	E	DIAG	MI	D_ SF	PAN	BR
S-1810-0		-	VIII 72	TOWNER.		A 18	and the same	FFA	TUR	FS		Company of the Compan	- 1/6		\$7	2000000		27
NID Map	I NID I T	Land Selection	Unt	Matha			Anthod	A die ne			لللسا	Ai-D	ay Sun			T14 /7/5/h	Was at	
093L.046		ype	Hgt 1.0	Method	-	-	Method HC	R: 9	Photo 6 F:	12A L	1	AirP	moto #:			TM (Z/E/N 8756.6032	_	Method
	ts: Non-pern				ed ~50 m								1,,,1		3.03	07.00.0002		Jio
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 1000	1 21	-	a Street	141- 3-0	Western .			TQL				The same		7 - Ap. Tot.	47-38-		
	Ness		Sec. 1	3 1	2 T.			1015-8	Contract of	3134 3		Cer		324			22	in a
Over	Name Winter Habita	ot	Poor	noole le	ok ouffi-	lent dept	he		_	С	omment	IS						
	ring Habitat	at.	_			nnel and		n poole		_			_					
	vning Habita	t	_			compos							_		-			
			1				1.71											

### Morice North Planning Area

Reach # ILP Map #

ILP#

Site

1.0 093L.046

2877

	Ph	oto		Foc Lg	Dir	Comments
R:	96	F	10A	STD	D	Downstream photo showing cobble/boulder substrates.
R:	96	F.	11A	STD	U	Upstream photo with LWD.
R:	96	F	12A	STD	U	Upstream view of sediment jam (non-permanent obstruction) ~50 m upstream of confluence with Emerson Creek.
	- 10	10				COMMENTS
		S	ection			Comments
		CH	ANNEL	Non-permar	nent obstruction of	bserved ~50 m upstream of confluence with Emerson Creek.
		CH	ANNEL	S3* NFC		
		CH	ANNEL	230m of stre	eam surveyed.	

### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

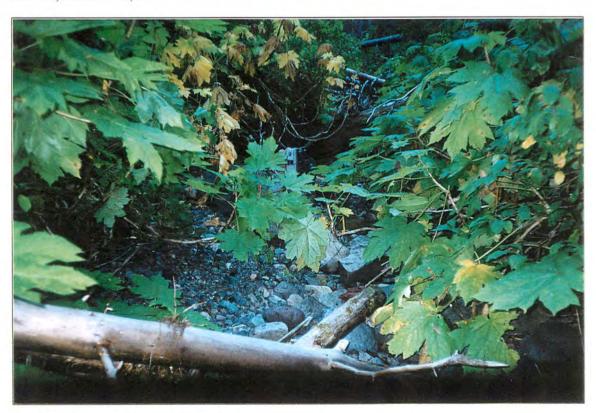
1.0

093L.046

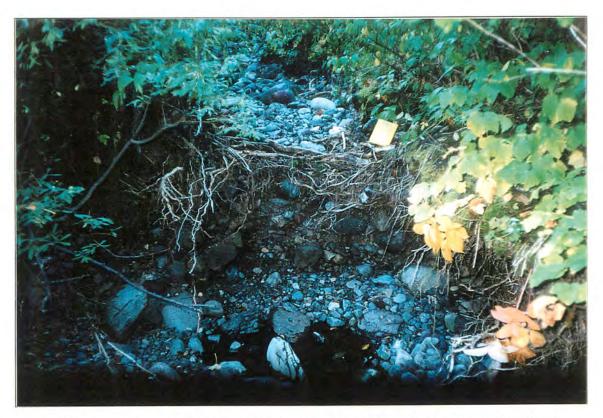
			0/4		MAR MAR				WA	TEF	RBC	D	<b>Y</b> , //						
F	Projec		460-0				00-0000-000 00-0000-000		0-000	-000-0		1	Loca	al:	ILP#:	2877		each#:	1 -
		100	5270						ILI II	мар н.	0931		Lake/Str	eam:	244	-	ake Fron		1 -
F	ish P	ermit #:	14	5269		Date: 2	2002/09/06		То	: 200	2/09/	06	Age	ency:	C172	Crew:	SG/SH	Resa	mple:
1/10			川		III)			SI	TE	1.1	AET	H	O D			1-16		**	6 7 1
Site#	NIE	Мар	NID	#	UTM:	Zone/East	/North/Mthd	T	MTD	/NO	Tem	р	Cond	Turt	oid		_	mment	
278	093	L.046	202	78			GI	PU	EF	1	4.5		60	С					
	1457	50					Α.	. 0	EA	R	SET	TI	NGS	174.05					P# * * * *
Site#	MT	D/NO	H/P	Date	e In	Time In	Date Ou	t	Time	Out					(	Comment	t		
278	EF	1	1	2002/0	09/06	08:00	2002/09/0	_	08:										
				- ·	SI	C. E	LECTR	O F	IS	HEF	S	PΕ	CIFI	CA:	TIONS		TO M		37 3745
Site#		MTD/N	0	H/P		Encl	Sec	Le	ength		Widt	h	Vol	age	Frequenc	у Р	ulse	Make	Model
278	EF		1	1		0	149	2	240.0		3.	2	60	00	60		6	SMITH ROOT	12B
								FI	SH	รบ	M M	ΑI	RY				67		
Site#		MTD/N	0	H/P	Spe	ecies	Stage	Age		Total	#	Lgt	(Min/M	ax)	FishAct			Comment	
278	EF		1	1	NF	-C			2	0									
11/18	10	718		A) - 5/6					CO	M M	EN	TS	TRACT!			- 1	C - 5 (		1/2
	Se	ction							- A	a de la companya de l			Comm	ents					
V	NATE	RBOD	Y	Ele	ectrosh	ocked all i	pockets of wa	ater	and s	ome	runs.	One	small to	ad wa	s socked in :	loon e	_		



Site #278, Downstream photo showing cobble/boulder substrates. Roll #96, Frame #10A, Date: 2002/09/06



Site #278, Upstream photo with LWD. Roll #96, Frame #11A, Date: 2002/09/06



Site #278, Upstream view of sediment jam (non-permanent obstruction)  $\sim$ 50 m upstream of confluence with Emerson Creek. Roll #96, Frame #12A, Date: 2002/09/06

Morice North Planning Area

Reach # ILP Map #

ILP#

1.0

093L.046

		STR	EAMRE	FEREN	CING			2017 - 1.V
Gazetted Name:				-	ocal Name:			
Watershed Code: 000-000	000-00000-00	000-0000-0000-00	0-000-000-00	0-000-000	ILP	Map #: 093L	.046 II	.P#: 2873
	0.0		RE	ACH		:		
Reach #: 1.0 Length (km): 1.29 Gradient (%): 9.7 US Elev (m): 868 Bars: None  Side	Confir	UTM(Zone/East/No pupling: Coupled nement: Frequently slands: NONE Mid-channel	Confin	flagnitude: Order: 2 Riparian Veg	4 2 etation: Coni Landuse: No		Sample Type: BGC Zone: Open water: Ab	
W V	14% - CA **	ELEGIST A	S I	TE:		<b>非规范</b> 格		A. 1874 "
Site #: 279 Site Length (m): 250	Field UTM GIS UT	И M 9.638619.60329	01		y: C172 cy Name: Trito		SG/SH Date:	2002/09/06 errace)
		<b>多是模块位置</b>	CHA	NNEL			William College	
No Vis.Ch.: Intermitt Dewatered: Tri age: Low  Med	bs.:	hannel Width (m): Wetted Width (m): lankfull Depth (m):	Avg Mir 2.06 1.4 0.80 0.80 0.27 0.2	2.6 0 0.800	# 7 1 3	Gradient ' Pool Depth (n	0.00	Max # 13 3 0.100 1
High Te	emp (C): 5	pH: 7.8		Conductivit	y: 60		Moderate	
Channel Pattern: Sinuous Coupling: Coupled Confinement: Confine Morphology: RP	r.	Islands: Nor		URBANCE DICATORS C2 C:	01 B1 3 C4 C5	B2 B3  S1 S		S5
	Z		CO	/ER	48.7	1976		1- (7,7-1)
Total Cover: Abundant LWD: Few LWD Dist: Evenly Distrib	uted	Type: Amount: Location: P/S/O:		ND B D S	U T	DP N	OV IV S N	FSZ:
Right Bank: Shape: V	shape Text	Stage	vel Cobb vel Cobb e: Mature fore	le Boulde st	Rock Rock	Manmade Manmade	Ca	rown Closure 1-20%
NID Map   NID   Type	Hgt	Method Lg	Method	Photo	1010 3	AirPt	noto	LITM /7/E
093L.046 25279 X Comments: Partial obstru	.9	MS	HC	R: 96 F:	13A L:		#:	9,638698.60
		- Community (N. 51.)						
	relative strike		Committee of the Commit					The second second
Site Number Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm

### Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

1.0 093L.046 2873 279

				学师":			能力	PR	OJE	CT.				-					
	Pro Stream Na ect Waters	ame (gaz	.): BUL		VER						00	j	Project (	Code:			5270		
- % - 5/10/2	0.16	She de						WAT	ERS	HED	Marie I		13/01	100		70			
Gaze	tted Nam	e:									Loc	cal Name	e:						
Field UT	shed Cod ILP Map M (Z.E.N M (Z.E.N	#: 093L. I): I): 9.638	046	2901	LP #: 28	373 Method:	NID M	000-000- ap #: 093 Agency:	3L.046	N Re	ID#; 20 Site Lo	g: 250 e:	Rea		ethod: H		Acces	ite #: 21 s: FT	
				Marine Co.					ANN			25-27	N. 20 18 18 18 18 18 18 18 18 18 18 18 18 18	NA ITE			STATISTICS		Street and
SVIII-	2 - 2 -	- 4				1525				417		00000			1120	1886	K. (1868), 146		
C 01	140 del 6 3	Mtd	width	width	width	width	width	width	width	width	width	width	Avg	-	Mathad	-	_	Mtd	Avg
	Width (m		2.60	2.15	1.60	2.57	2.10	1.40	2.00				2.06		Method	_	11.0	C	10.33
	Width (m		-						0.80				0.80	4 6	Method	II: 13.0	1 1	C	
Pool	Depth (m	): MS				/			0.10				0.10	١,	No Vis.	h. 🗆	Intermitt	ent a	
	Wb Depth	1: .3	1 .3	1.2	1 4	g: 0.27	4	Method:	MS	9	tage: 1	O M	Он			Dw:		ibs.:	Ä
	vvo Depa		.5	٠.۷	] Ave	g. U.Z/		wethou.	MIS	3	tage: L	N.				DW		US	
	COVER	3		Tota	al: A														
	Тур	e: SW	DIL	WD	В	U	DF		ov I	IV	CR	OWN CL	OSUR	E					
	Amoun	_	2100	D	S	T	N		S	N	1	1	1-20%						
	Loc: P/S/C										INS	TREAM	VFG:	NE	AL	ПМП	VI		
	1,7	P: C G: MF										STG							
7 7 7 -	4-3		Sile.		TIT	3. 10	15 E	W	ATE	R			Tr 100		7. 164				E
	EMS	3:									R	eq#:							
	Tem	p: 5					Meth	od: T4			C	ond.: 60					Meth	od: S3	3
	ph	1: 7.8					Meth	od: P2				ush . T	- 4	-		-	Math	od: GI	-
F	lood Signs	s: Rafted	debris				Meth	od: GE			,	urb.: T			г 🗆 ,	~	Mean	Ju. Gi	L.
		= A 8196	Children III	1	51.35	SS-36		MARE	HOL	OGY	Name of the last	18 -07	1.00	W 4 1	W 1970	-		1	No. 1402
	الترتب		alif a F		16,000	CHELE	trace and	OIL	1101	V. W.	01	24	DO	D2	D4	D2 F	22	-	5 J-13
Be	ed Materia	d:	Domina	nt: G		Subdor	n: B				01	B1	B2	B3	D1	D2 [	03		
	D95	5: 40.0	D (cn	1): 15.00		Morp	h: RP		DISTUR	BANCE					that				
	Patter	n: SI							INDICA		C1	C2	C3	C4	C5	S1 5	S2 S3	\$4	S5
	Island										TT.		ПТ	П		TIT			ПП
	Coupling														1				
Co	nfinemen																		
		Z: 🗍							В	Bars:	NV	SID	E	DIAG	3	MID	SPAN		BR
	V4.5																		
	11/1/15	1		7 582			S A A L	FEA	TUR	ES		=1117	291			11		-	183
NID Map	NID	Туре	Hgt	Metho	d I i	Lg I	Method		Photo			AirP	hoto			UTM (	Z/E/N)		Method
093L.046	25279	X	.9	MS		-	HC	R: 9		13A	Li	3.501	#:				.6032898		GIS
Comment		obstructi	on (wedg	ge), repre	sentativ	e of other					observe	d upstre							
34-2-37-34		ALC: NO.	27 64 3101	S. Mariana	VALUE OF BELLEVIE	A STATE OF THE STATE OF				UALI			XXX 9.87*	77.79	19 - 9 1 46	5-3-50 T	Sv 1/2 3		
E. ("1")	No. (01)	M. All	ETA	學大樓			S. A. L.	-117			4	10-10-1							//- //- /
	Name		M							(	Commen	ts							
	Vinter Hab		_	- no deep		no perer	nnial hab	itat.											
	ning Habi			- dry cha	0.771														
Rea	ring Habita	at	Poor	- dry cha	nnel.													-	

## Morice North Planning Area

Reach# ILP Map # ILP # Site 1.0 093L.046 2873 279

	Ph	noto		Foc Lg	Dir	Comments					
R:	96	F	: 13A	STD	U	Upstream photo showing non-permanent obstruction.					
R:	96	F	: 14A	STD	D	Downstream photo showing substrates (cobble, boulder, gravel).					
R:	96	F	: 15A	STD	U	Upstream photo of typical section of channel.					
	-	The same	- Grand		500	COMMENTS					
		S	ection			Comments					
		SITI	E CARD	Stream bec	omes completely	dry ~50 m upstream of confluence with Emerson Creek.					
	- 1	SITI	E CARD		n-permanent barriers observed within surveyed section. One partial obstruction observed ~80 m from confluence with Emerson ek, with an additional 3 partial obstructions (sediment accumulation caused by LWD) observed in upper 150 m of survey.						
		CH	ANNEL	638728, 60	32840						
_		CH	ANNEL	S3*							

#### Morice North Planning Area

000-000000-00000-0000-0000-0000-000-000-000-000-000

Reach # ILP Map # ILP#

Watershed Code:

1.0

093L.046

N. C. S.		j, r	- 0		143 - 1 1,5 - 1			W	ATI	ERB	O D	Y	FILE	35 19 H	119 <u>2</u> 003 HV 25		Marke.		10)
P	Project WS /aterb	Code:	460-0 000-0				00-0000-000-0 00-0000-000-0	00-00	00-00	7.7.7.	000	200		ILP#:	2873		each#:	1 -	Ī
_	-	-	5270									Lake/St		S		ke From			
F	ish Pe	ermit #:	14	5269		Date: 2002/09/06 To: 2002/09/06 Agency: C172 Crew: SG/SH Resample:											sample:		
	.05							TIE	E /	ME	TH	O D	al(ar e	No.		<b>Sec.</b> 1			
Site#	NIC	Мар	NID	#	UTM:2	Zone/East	/North/Mthd	M	TD/N	O Te	mp	Cond	Turb	id		Com	ment		
279	093	L.046	2027	79	30		GP	JE	- 1	4	.5	60	С	7					
				11			Α.	GE	AR	SE	TT	NGS			William I	<b>PROPERTY</b>			
Site#	MT	D/NO	H/P	Date	e In	Time In	Date Out	Tir	me Ou	ut				C	comment				_
279	EF	1	1	2002/	09/06	09:00	2002/09/06		9:15										
3,7						C.E	LECTRO	FI	SHI	ER S	PE	CIFI	CAT	TIONS	vav. = ⊞		Well and	Biv., M	jir.
Site#		MTD/N	10	H/F	9	Encl	Sec	Leng	th	W	dth	Vol	tage	Frequency	y Pu	se	Make	Mo	odel
279	EF		1	1		0	39	50.	.0	- = :	2.2	7	00	60	6		SMITH	1	2B
			and the				7	IS	H S	UM	MA	RY		A 142	- 4 -		TO TO	5,	* 1
Site#		MTD/N	0	H/P	Spe	ecies	Stage A	ge	To	otal#	Lgt	h (Min/M	ax)	FishAct		C	comment		
279	EF		1	1	NF	C				0									
合併を表	W.F.	780	The st	1177	- W-	200		C	OM	MEI	NTS	4		THE PARTY		=07	41/01/20		
	Se	ction		T					( Co.)	1		Comm	ents		N. 200 C. 100	-45			
٧	NATE	RBOD	Υ		nocked :		ated pools from	n con	fluenc	ce with	Eme	son Cree	k to ~	50 m upstrea	m. Upstr	eam of t	hat point o	hannel w	as



Site #279, Upstream photo showing non-permanent obstruction. Roll #96, Frame #13A, Date: 2002/09/06



Site #279, Downstream photo showing substrates (cobble, boulder, gravel). Roll #96, Frame #14A, Date: 2002/09/06



Site #279, Upstream photo of typical section of channel. Roll #96, Frame #15A, Date: 2002/09/06

Morice North Planning Area

Reach # ILP Map #

ILP#

5.0 093L.046

	STR	EAM	REF	ERE	NCIN	IG			11 11 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1		5
Gazetted Name:					Local N	Name:					
Watershed Code: 000-000000-00000-	00000-0000-0000-000	0-000-0	0-000-0	00-000		ILP	Map #: 093L.04	16	IL.	P#:	2868
		TY V	REAG	H	1	ile	A SECOND	- 37		-52	
Reach #: 5.0	UTM(Zone/East/No	orth): 9	.636346.6	503127	1	L	IIX-W,-1	Sample	Type	Rand	nm
Length (km): 4.28	Coupling: Coupled			nitude					Zone:		Jilli .
Gradient (%): 2.7 Con	finement: Confined			Order			0		ter: Abs	233	
US Elev (m): 850	Islands: NONE		Rip	arian V	egetatio	n: Conife	erous				
Bars: None 🗸 Side 🗌 Diagonal	Mid-channel	Span	Br	aid 🗌	Land	luse: Not	Specified				
	1341143	-111	SIT			N W	· Service -		15.5		40
Site #: 280 Field U	TM			Age	ncy: C1	72	Crew: SG	/SH	Date:	2002/09	9/06
Site Length (m): 150 GIS I	JTM 9.638931.603298	38		Age	ency Nan	ne: Tritor	Environmenta	I Consu	tants (T	errace)	
		C	HANI	NEL	TIE		E-VENT J.S-	e */}	Take:		-r=18
No Vis.Ch.: Intermittent:		Avg	Min	Max	#			Avg	Min	Max	#
Dewatered: Tribs.:	Channel Width (m):	6.60	5.800	7.6	6		Gradient %:	13.25	12	15	4
Stage: Low	Wetted Width (m):	5.83	5.2	6.5	6	F	ool Depth (m):	1.05	0.5	1.5	4
Med 🗸	Bankfull Depth (m):	0.80	0.6	1	3		Turbi	ditv.:	Turbid		Low
High Temp (C): 6	pH: 8.0		C	onducti	vity: 60			100	oderate		Clear
1. 医成为糖糖等。 1. 2. 2. 2. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		MOF	RPHO	LOG	Y		A = 810	- 47			
Bed Material: Dominant: Cobble Subdominant: Boulders	D95 (cm): 80.0 D (cm): 40.0			Bars: No	on 🗸	Side [	Diagonal	Mid-	channel	_	pan 🔲
Channel Pattern: Straight Coupling: Coupled	Islands: Non	е	DISTUR	RBANCE		B1	B2 B3	D1	D2 D	3	
Confinement: Entrenched			C1	C2	C3 C	4 C5	S1 S2	S3	S4	S5	
Morphology: RP Riffle Pool											
也然是"自己"的"是是"。		41-9	COVE	R	ON THE STATE OF	BP :	五根二面	913	- 7 <sup>2</sup> ye r	70	
Total Cover: Abundant	Type:	SWD	LWD		В	U	DP O	V	IV		
LWD: Few	Amount:	T	S	100	S	N	D		N		
LWD Dist: Evenly Distributed	Location: P/S/O:		1	V			V			FSZ	2: 🗍
Left Bank: Shape: V - shape Te Right Bank: Rip.Veg: Coniferous	Stage	/el : Matur	Cobble Cobble e forest	Boul	der	Rock 🗸 Rock 🗸	Manmade	-		own Clos	sure 0%
Left Bank: Rip.Veg:	Stage	: Matur	e forest		Instr	ream Veg	: None 🗸 A	lgae	Moss	_ Vas	cular

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

5.0 093L.046 2868 280 PROJECT Project Name: RFFHI within the Morice Forest District (tribs to Morice R.) Stream Name (gaz.): BULKLEY RIVER Project Code: 5270 WATERSHED Gazetted Name: Local Name: ILP Map#: 093L.046 ILP#: 2868 NID Map #: 093L.046 NID#: 20280 Reach # 5.0 Site #: 280 Field UTM (Z.E.N): .. Method: Site Lg: 150 Method: HC Access: FT GIS UTM (Z.E.N): 9.638931.6032988 Ref. Name: Date: 2002/09/06 Time: 09:50 Agency: C172 Crew: SG/SH Fish Crd?: Incomplete: CHANNEL Mtd width Gadient % Mtd Avg Avg Channel Width (m): MS 6.00 7.60 6.50 5.80 7.20 6.50 6.60 Method I: 12.0 15.0 C 13.25 Wetted Width (m): MS 5.60 5.20 6.00 5.50 6.50 6.20 5.83 Method II: 12.0 14.0 C Pool Depth (m): MS 1.50 1.20 1.00 0.50 1.05 No Vis.Ch.: Intermittent: Wb Depth: 1.0 .8 .6 Avg: 0.80 Method: MS Tribs.: Stage: L M W H Dw: COVER Total: A LWD **CROWN CLOSURE** Type: SWD В U DP OV ١V Amount S S N D N 1-20% Loc: P/S/O: INSTREAM VEG: N ✓ A ☐ M ☐ V ☐ DIST: E LWD: F RB SHP: V Texture: F ☐ G ☐ C ☐ B ☐ R ✓ A ☐ Texture: F G C B R A A RIP: C RIP: C STG: MF STG: MF WATER EMS: Reg #: Temp: 6 Method: T4 Cond.: 60 Method: S3 pH: 8.0 Method: P2 Turb.: T M L C Method: GE Flood Signs: Rafted debris Method: GE MORPHOLOGY 01 **B**1 **B2** D3 **B3** D1 D2 Bed Material: Dominant: C Subdom: B D95: 80.0 D (cm): 40.00 Morph: RP DISTURBANCE **INDICATORS** Pattern: ST C1 C2 C3 C4 C5 S1 S2 **S**3 S4 S5 Islands: N Coupling: CO Confinement: EN Bars: NV SIDE DIAG MID SPAN BR FSZ: HABITAT QUALITY Name Comments Spawning Habitat Poor - due to limited patches of appropriate sized gravels. Rearing Habitat Good - due to deep pools and boulder cover. OverWinter Habitat Good - due to deep pools and perennial flows PHOTOS Photo Foc Lg Dir Comments 96 F 16A STD U Upstream photo of cascade/fall section. R: 96 17A STD U Upstream photo of cascade/fall section.

Upstream photo of cascade/fall section (vertical view).

18A

STD

U

### Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

5.0

093L.046

2	0	2
4	יס	u
-	~	-

- I			200		WILLIAM S	PHOTOS
	Ph	Foc Lg	Comments			
R:	96	F:	19A	STD	D	Downstream photo of cascade/fall section.
R:	96	F:	20A	STD	U	Upstream photo of crew member (SG) electroshocking cascade section.
	1 3				-10	COMMENTS
		Se	ection			Comments
		SITE	CARD			2, 1.5, 0.5 meters deep and are filled with large boulders. Gradient is 3% below cascade/fall section an
		CHA	NNEL	S2		
		CHA	NNEL	638862,603	2882	

### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

5.0

093L.046

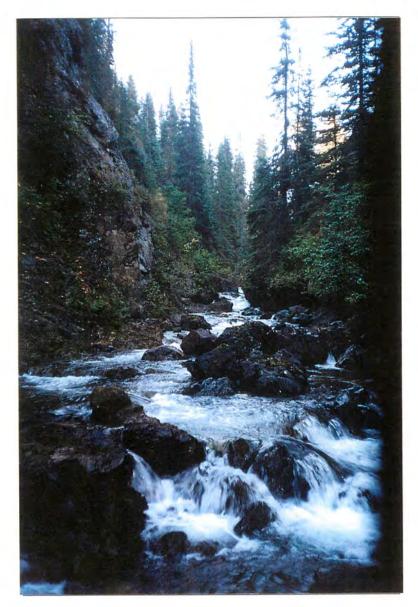
Cazetted Name:   Local: Emerson Creek	5 - Resample:
SITE / METHOD	Resample:
《一·大学》(1985年)	
Site# NID Map NID# UTM:Zone/East/North/Mthd MTD/NO Temp Cond Turbid Comment	A CONTRACTOR OF THE PARTY OF TH
281 093L.046 20281 GPU EF 1 6 80 C	
280 093L.046 20280   GPU EF 1 6 60 C	
A. GEAR SETTINGS	
Site# MTD/NO H/P Date In Time In Date Out Time Out Comment	
280 EF 1 1 2002/09/06 09:45 2002/09/06 10:45	
281 EF 1 1 2002/09/06 09:15 2002/09/06 09:45	
C. ELECTROFISHER SPECIFICATIONS	
Site# MTD/NO H/P Encl Sec Length Width Voltage Frequency Pulse Mak	e Mode
280 EF 1 1 0 200 150.0 6.0 600 60 6 SMIT ROO	3.0
281 EF 1 1 0 358 200.0 10.0 600 60 6 SMIT	
FISH SUMMARY	200
Site#   MTD/NO   H/P   Species   Stage   Age   Total #   Lgth (Min/Max)   FishAct   Commen	nt e
280 EF 1 1 NFC 0	
281 EF 1 1 NFC 0	
COMMENTS	Antonia Spirit
Section Comments	



Site #280, Upstream photo of cascade/fall section. Roll #96, Frame #16A, Date: 2002/09/06



Site #280, Upstream photo of cascade/fall section. Roll #96, Frame #17A, Date: 2002/09/06



Site #280, Upstream photo of cascade/fall section (vertical view). Roll #96, Frame #18A, Date: 2002/09/06



Site #280, Downstream photo of cascade/fall section. Roll #96, Frame #19A, Date: 2002/09/06



Site #280, Upstream photo of crew member (SG) electroshocking cascade section. Roll #96, Frame #20A, Date: 2002/09/06

### Morice North Planning Area

Reach # ILP Map #

ILP#

5.0 093L.046

	F 1 - 1751			3-13	SIT	E .	W. 5.5		5 1	the fact		
Site #: Site Length	2.61	Field UTM GIS UT	И M 9.638867.60328	388			cy: C172 cy Name: Tr	Crew: SC	G/SH al Consul		2002/09 errace)	/06
	3-111		2-0000年度	C	HAN	NEL	-No. 98%		V2=76			3
No Vis.Ch.:	Intermit	tent:		Avg	Min	Max	#		Avg	Min	Max	#
Dewatered:	T	ribs.:	hannel Width (m):	11.17	10.2	13.2	6	Gradient %:	3.75	2	5	4
Stage: Low			Wetted Width (m):	10.07	9.300	11.30	6	Pool Depth (m)	0.38	0.200	0.600	4
Med Med	7	В	ankfull Depth (m):	0.33	0.3	0.4	3	Turb	idity.:	Turbid		Low
High [		emp (C): 6	pH: 6.8		(	Conductivi	ty: 80	Tuib		derate		lear
	0 ju			MOF	RPHC	LOG	/	SANTE VINE				* 5
Bed Material	Dominant Subdominant		D95 (cm): 40 D (cm): 15			Bars: Nor	n Side	Diagonal [	Mid-	channel	100	an 🗌
Confiner	pling: Couple ment: Occasi ology: RP	d onally Confine Riffle Pool			C1	CATORS C2 C	3 C4	C5 S1 S2	S3	\$4	\$5	
1987		Manual mines			COV	ER	10000000000000000000000000000000000000			Y 1	17524	4
Total Cover: J LWD: I LWD Dist:		outed	Type: Amount: Location: P/S/O:	SWD T	LW(	D B D	U T		S C	IV N	FSZ	: 🗆
Right Bank: Left Bank: Right Bank: Left Bank:	Shape: S Shape: S Rip.Veg: C Rip.Veg:	loping (g Text	ure: Fines Gra Stag				er Rock		] Algae [		own Clos 1-20	)%
		XX - 128 c =			FIS	H				T 250		
Site Number	Capture Method	Number of Events	Length fished (m)	Tota Tim		Voltage	Species	Total Fish	Minim Length	90000	Maxim	
280	EF	1	150	200 s	ec	600	NFC	0				
204	cc		200	200 -		coo	NEO	1 0				

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

5.0 093L.046 2868 281 PROJECT Project Name: RFFHI within the Morice Forest District (tribs to Morice R.) Stream Name (gaz.): BULKLEY RIVER Project Code: 5270 WATERSHED Gazetted Name: Local Name: Emerson Creek ILP Map#: 093L.046 ILP #: 2868 NID Map #: 093L.046 NID#: 20281 Reach #: 5.0 Site #: 281 Field UTM (Z.E.N): ... Site Lg: 200 Method: Method: MAP Access: FT GIS UTM (Z.E.N): 9.638867.6032888 Ref. Name: Date: 2002/09/06 Time: 09:15 Agency: C172 Crew: SG/SH Fish Crd?: V Incomplete: CHANNEL Avg Mtd width width Avg Gadient % Mtd width width width width width width width width Channel Width (m): MS 10.20 10.60 11.30 13.20 10.30 3.75 11.40 11.17 Method I: 4.0 5.0 C Wetted Width (m): MS 9.30 9.60 10.50 11.30 10.20 9.50 10.07 Method II: 2.0 4.0 С Pool Depth (m): MS 0.40 0.60 0.30 0.20 0.38 No Vis.Ch.: Intermittent: Wb Depth: .3 .4 .3 Avg: 0.33 Method: MS Stage: L M W H Dw: Tribs.: COVER Total: M CROWN CLOSURE Type: SWD LWD В U DP OV IV Amount: D s S N Loc: P/S/O: INSTREAM VEG: N A M V LWD: F DIST: E LB SHP: S RB SHP: S Texture: F G C B R A Texture: F G G C B R A RIP: C STG: MF STG: MF WATER EMS: Req#: Temp: 6 Method: T4 Cond.: 80 Method: S3 pH: 6.8 Method: P2 Turb.: T M L C Method: GE Flood Signs: None Method: GF MORPHOLOGY 01 **B1 B2 B3** D1 D2 D3 Bed Material: Dominant: C Subdom: G ~ D95: 40.0 D (cm): 15.00 Morph: RP DISTURBANCE **INDICATORS** Pattern: ME C1 C2 C3 C4 C5 S1 S2 **S3 S5** Islands: N Coupling: CO Confinement: OC SIDE DIAG Bars: MID SPAN BR FSZ: HABITAT QUALITY Name Comments Spawning Habitat Good - abundant gravel and small cobbles. OverWinter Habitat Good - abundant deep pool habitat in perennial flows. Rearing Habitat Good - due to abundant deep pool and boulder cover in deep runs. COMMENTS Section Comments CHANNEL S2, NFC SITE CARD

No Photos Taken

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

000-000000-00000-00000-0000-0000-000-000-000-000-000

5.0

093L.046

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F	10.5	Code:	460-0 000-0				0-0000-000-00 0-0000-000-00	0-000	-000-0			al: E	merson Creel		Reach#: 5	i +
	Proje	ect ID:	5270								Lake/Str	eam:	S	Lake Fro	m Date:	
F	ish Pe	mit #:	14	5269	Da	te: 20	002/09/06	7/06 To: 2002/09/06 Agency: C172 Crew: SG							Resar	nple:
1.00	- 12h	The second				W	S	ITE	1 1	METH	O D					
Site#	NID	Мар	NID	#   (	JTM:Zone	East/N	North/Mthd	MT	MTD/NO Tem		Cond	Turt	old	Co	mment	
281	0931	.046	202	81			GPU	EF	1	6	80	С	3 2			
280	0931	.046	202	80			GPU	EF	1	6	60	C				
Ju.	5500		153				Α. (	3E	A R	SETT	INGS			() E		
Site#	MTE	ON/	H/P	Date	n Tim	e In	Date Out	Time	e Out				C	omment		
280	EF	1	1	2002/09	0/06 09	:45	2002/09/06	10	:45							
281	EF	1	1	2002/09	0/06 09	:15	2002/09/06	09	:45							
					C.	EL	ECTRO	FIS	HEF	SPI	CIFI	CA	TIONS			100
Site#	1	ATD/N	0	H/P	Enc		Sec L	ength		Width	Voltage		Frequency	Pulse	Make	Mode
280	EF	-ilis	1	1	0	1	200	150.0	J.	6.0	600		60	6	SMITH	12B
281	EF		1	1	0		358	200.0		10.0	60	00	60	6	SMITH ROOT	12B
200	7.70		E	***	1		F	SH	SU	MMA	RY	-	- //	- 17 - 17 - 17	WE ST	S
Site#	N	ATD/N	0	H/P	Species	S	tage Age		Total	# Lg	th (Min/M	ax)	FishAct		Comment	
280	EF		1	1	NFC				0							
281	EF		1	10	NFC				0							
	1 24		3	133 305	The Holy	100	F PIN	CC	MM	ENT						
	Sec	tion					IN SECTION ASSESSMENT	al court		CHANGE HAY	Comm	ents	T The			
		RBOD		- 011	004		lectrofishing w	C . LE .			0	***		1 1 1 1		/ 11 000

## Morice North Planning Area

Reach # ILP Map #

ILP#

4.0

093L.046

		=15.8%	STE	REAM	KEF	EREN	CIN	G				
Gazetted Na	ime:					1	ocal N	ame:				
Watershed C	ode: 000-000	00-00000-00	000-0000-0000-0	00-000-000	0-000-	000-000		ILP I	Map #: 093L.0	46	ILP#:	2868
ia ia			Car 3	R	EA	СН	H THE	300				
Reach #: 4	.0		JTM(Zone/East/N	North): 9.63	38953	.6033191				Sample Type	e: B	iased
Length (km)	: 1.50	Co	upling: Coupled		Ma	gnitude:	129			BGC Zone	: SBS	7
Gradient (%)	: 6.1	Confin	ement: Confined			Order:	4			Open water:	Absent	
US Elev (m)	: 736	l:	slands: NONE		Rip	parian Ve	getation	n: NONE	3			
Bars: None	✓ Side	Diagonal [	Mid-channel	Span [	В	raid 🗌	Land	use: Not	Specified			
-113- T-123		The man	4.10 4.50 E.	-1/1/1	SIT	E	東京水			W 1		Jenny 1
Site #:	282	Field UTM	C			Agend	y: C17	2	Crew: So	G/SH Da	te: 200	2/09/06
Site Length	(m): 100	GIS UT	M 9.639174.6033	454		1,125.77	2		Environment	al Consultants	(Тептас	e)
20 211 4			- Sec-66 41	CH	IAN	NEL			William yes		Alana .	n, poj
No Vis.Ch.:	Intermitt	tent:		Avg	Min	Max	#			Avg Mi	n Ma	x #
Dewatered:	Tri	ibs.:	hannel Width (m)	5.43	4.5	7.1	6		Gradient %	: 13.00 1	1 1	5 4
Stage: Low			Wetted Width (m)		4.5	7.1	6	P	ool Depth (m)	: 1.20 0.8	00 1.	5 4
Med		В	ankfull Depth (m)	0.70	0.5	1	3		Turt	oidity.: Turl	bid	Low
High[		emp (C): 6	pH: 6.8		(	Conductivi	ty: 60			Modera		Clear
	* * * * * * * * * * * * * * * * * * *	CTV 1		MORI	PHC	LOG	1 4 7			y Ky		and married
Bed Material:	: Dominant:	Boulders	D95 (cm): 90			Bars: No		Side	Diagonal	Mid-char	nel 🗍	Span
	Subdominant:		D (cm): 55			Dais. 110		Olde [_	_ Diagonal [	wild-criai	ilici [_]	Braid
Channel De	Hom: Ctralabt	172			NOTH	DRAMOF	-		DO DO	54 50		Didio _
	ittem: Straight pling: Coupled		Islands: No	one L		RBANCE	01	B1	B2 B3	D1 D2	D3	
	ment: Entrend				C1	C2 C	3 C4	4 C5	S1 S2	S3 S4	S5	
	ology: SP	Step Pool		-		C2 C		1 0	31 32	33 34	30	1
		0.00					111					_
		A 14 16 16	(in this		0 7		E		1 3 413	1.00	4000	
Total Cover: I	Moderate		Type:	SWD	LWI			U		N NC	4	
LWD: I	None		Amount: Location: P/S/O:	N	N	S		-		NN		
LWD Dist:	Not Applicable	e	Location: 17070.			V		الللا				FSZ:
Right Bank:	Shape: V	-shape Text	ure: Fines 🗌 Gr	ravel C	obble	Bould	er I	Rock V	Manmade		Crown	Closure
Left Bank:	Shape: V	- shape Text	ure: Fines G	ravel C	obble	Bould	er 1	Rock 🗸	Manmade			0%
Right Bank:	Rip.Veg: No	one	Stag	ge:							_	
Left Bank:	Rip.Veg:		Stag	ge:			Instr	eam Veg	: None 🗸	Algae   Mo	ss 🗌 🖠	/ascular
T-Aug 18	5.00				F	EATU	RES		The Policy		XI -	X 2 1
NID Map	NID Type	e Hgt I	Method Lg	Method	d	Phot	0		AirPho	ito		UTM (Z/E/
	25282 F	2.7	MS 1	MS	R:	96 F	21A	Lt		#:	9.6	39338.603
Comments:	Bedrock Fall	s 1.5 m plunge	pool.									
1 1 1/00		AL PARTY	A PANTAL TON	·5/	FIS	H	- Kirys		1 m		B. 1	*3.
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time		Voltage	Sp	ecies	Total Fish	Minimum Length (mm		aximum
282	EF	1	540	696 sec	-	700		IFC	0	renga (ma	Le	igut (min)
	AL THE	Sold Sold	340		FIS		- 1	,, 0			0.3000	
Site Number	Capture	Number of	Length fished	Total		Voltage	Sp	ecies	Total	Minimum	M	aximum
	Method	Events	(m)	Time			1	400	Fish	Length (mm		ngth (mm)
945	EF	1	150	562 sec				IFC	0			

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

4.0 093L.046 2868 282 PROJECT Project Name: RFFHI within the Morice Forest District (tribs to Morice R.) Stream Name (gaz.): BULKLEY RIVER Project Code: 5270 WATERSHED Gazetted Name: Local Name: Site #: 282 ILP Map#: 093L.046 II P# 2868 NID Map #: 093L.046 NID #: 20282 Reach #: 40 Access: FT Field UTM (Z.E.N): .. Method: Site Lg: 100 Method: GE GIS UTM (Z.E.N): 9.639174.6033454 Ref. Name: V Date: 2002/09/06 Time: 11:00 Agency: C172 Crew: SG/SH Fish Crd?: Incomplete: CHANNEL Mtd width Gadient % Mtd Avg Avg Channel Width (m): MS 5.20 6.00 7.10 4.50 5.00 4.80 5.43 Method I: 14.0 12.0 C 13.00 Wetted Width (m): MS 5.20 6.00 7.10 4.50 5.00 4.80 5.43 Method II: 15.0 11.0 C Pool Depth (m): GE 1.00 1.50 0.80 1.50 1,20 No Vis.Ch.: Intermittent: Wb Depth: 1.0 .5 .6 Method: GE Tribs.: Avg: 0.70 Stage: L M W H Dw: COVER Total: M SWD LWD OV IV CROWN CLOSURE Type: В U DP D N N Amount N N T Loc: P/S/O: INSTREAM VEG: N A M V DIST: NA LWD: N LB SHP: V Texture: F ☐ G ☐ C ☐ B ☐ R ✓ A ☐ Texture: F G C B R A A RIP: N RIP: N STG: STG: WATER EMS: Req#: Method: T4 Temp: 6 Cond.: 60 Method: S3 pH: 6.8 Method: P2 Turb.: T M L C Method: GE Flood Signs: None Method: GE MORPHOLOGY 01 **B1 B2 B3** D2 D3 **D1** Bed Material: Dominant: B Subdom: R D95: 90.0 D (cm): 55.00 Morph: SP DISTURBANCE **INDICATORS** C2 C5 Pattern: ST C1 C3 C4 S1 S2 **S3 S4 S5** Islands: N Coupling: CO Confinement: EN BR Bars: NV SIDE DIAG MID SPAN FSZ: FEATURES NID Map NID Hgt Method Method AirPhoto UTM (Z/E/N) Type Lg Photo Method 25282 9.639338.6033443 093L.046 MS MS GIS 2.7 96 F: 21A Comments: Bedrock Falls 1.5 m plunge pool. HABITAT QUALITY Name Comments Spawning Habitat None - no gravel or small cobble.

Good - abundant deep pool and perennial stream flow.

Good - abundant deep pool and boulder cover.

OverWinter Habitat

Rearing Habitat

#### Morice North Planning Area

Reach # ILP Map #

ILP#

Site

4.0

093L.046

2868

1			m			PHOTOS								
	Ph	oto		Foc Lg	Dir	Comments								
R:	96	F:	21A	STD	X	Bedrock Falls.								
R:	96	F:	22A	STD	D	Looking downstream over falls.								
R:	96	F:	23A	STD	U	Looking upstream through cascades above falls.								
R:	96	F:	24A	STD	U Typical habitat above cascade/fall section.									
R:	96	F:	25A	STD	D	Typical habitat observed above canyon.								
8		18		High Wall	J. 34	COMMENTS								
		Se	ction			Comments								
CHANNEL No riparian vegetation, banks were vertical bedrock >100 m in height.														
_		CHA	NNEL	S2										

## **FDIS Fish Card**

### Morice North Planning Area

Reach#

ILP Map #

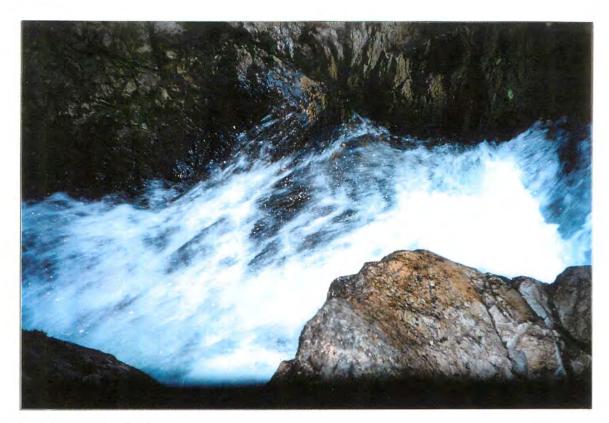
ILP#

Watershed Code:

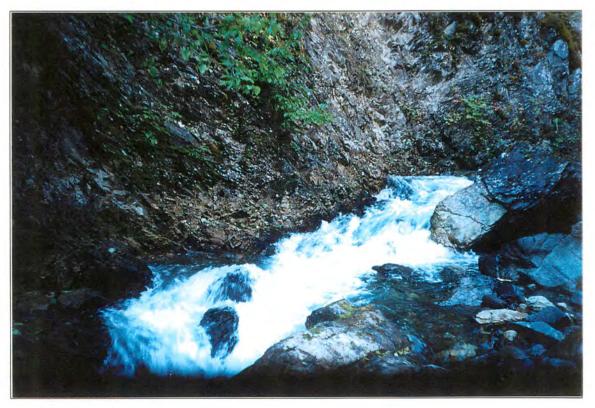
4.0

093L.046

100	-0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -	10-2-10			Vil.		Grade St. Sent.	3)5	W A	TER	BOD	Y		1. 生物质					
F		de: de: ID:	000-0	00000-0			000-0000- 000-0000-		0-000	-000-0				ILP#:	2868 I Lake Fro		1-		
F	ish Perm	it #:	14	5269		Date:	2002/09/0	06	To	o: 200:	2/09/06	Age	ency:	C172 C	rew: SG/SH	f Resar	mple:		
W. 6	W	100	7 8	31531				S	ITE	/ N	ETH	OD 🐃		17. Philip			· les		
Site#	NID M	ар	NID	#	UTM:	Zone/Ea	st/North/M	thd	MTE	O/NO T	Temp	Cond	Turt	oid	Co	omment	Min. 275-215		
282	093L.0	46	2028																
130	W 1 1	M	1			i i sum	A North	A. (	3E	AR S	ETT	INGS							
Site#	MTD/N	10	H/P																
282	EF	1	1	2002/0	9/05	10:45	2002/	09/05	11	:30									
75 10				$\langle a_{bb} \rangle = \frac{1}{2}$		C. E	LECT	RO	FIS	HER	SP	ECIFI	CA	TIONS			90 See		
Site#	MT	D/N	0	H/P		Encl	Sec	L	ength	1/21	Width	Vol	lage	Frequency	Pulse	Make	Model		
282	EF		1	1		0	696		540.0		7.0	70	00	60	6	SMITH ROOT	12B		
	(10 v) apr						× 4	F	SH	SU	MMA	RY			1-1-11	W. 1988			
Site#	MT	D/N	0	H/P	Sp	ecies	Stage	Age	9 1	Total	# Lg	th (Min/M	ax)	FishAct		Comment			
282	EF		1	1	N	FC			0										
· .	13		3	87-1	127		, W - 1 .		CC	MM	ENT.	S							
	Section	n										Comm	ents						
V	WATERB	ODY	1		ctrofis		conducte	d from	the er	nd of re	ach 4 d	ownstream	n to th	e start of the ca	inyon (canyor	n is where site	card was		



Site #282, Bedrock Falls. Roll #96, Frame #21A, Date: 2002/09/06



Site #282, Looking downstream over falls. Roll #96, Frame #22A, Date: 2002/09/06



Site #282, Looking upstream through cascades above falls. Roll #96, Frame #23A, Date: 2002/09/06



Site #282, Typical habitat above cascade/fall section. Roll #96, Frame #24A, Date: 2002/09/06



Site #282, Typical habitat observed above canyon. Roll #96, Frame #25A, Date: 2002/09/06

Morice North Planning Area

Reach # ILP Map #

ILP#

4.0

093L.046

	1 - 14	1 4 1 4 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	STR	EAM	REF	EREN	CING		357 6	e/ 25		
Gazetted Nar	ne:					L	ocal Name:					
Watershed C	ode: 000-000	0000-00000-00	000-0000-0000-00	0-000-0	00-000-0	000-000	IL	P Map #: 093L.0	46	IL	P#:	2877
The second of					REA	CH	May 34.		18:30		15	7/8/
Reach #: 4. Length (km): Gradient (%): US Elev (m): Bars: None	.91 4.5 881	Co Confin	UTM(Zone/East/No cupfing: Decoupled tement: Occasiona slands: NONE Mid-channel		Mag Rip	gnitude: Order: 2 parian Veg	2 jetation: Mix		Sample BGC Open wa	Zone:		ed
aries are	100 miles			16 16	SIT	E					Abia.	- = 1 1/6
Site #::		Field UTM GIS UT	и м 9.638203.60299	05		1. 1	y: C172 cy Name: Tri	Crew: So ton Environment	G/SH al Consu		2002/0 errace)	9/06
FILE	₹ % - T = T		[- 2L ] 33	C	HAN	NEL	Way in a		100			
No Vis.Ch.:	Intermit	tent: 🗸		Avg	Min	Max	#		Avg	Min	Max	#
Dewatered:	Tr		hannel Width (m):	1.13	0.800	1.5	6	Gradient %	: 2.50	2	3	2
Stage: Low	1		Wetted Width (m):	0.00	0	0	0	Pool Depth (m)	0.00	0	0	0
Med	Ī	В	ankfull Depth (m):	0.10	0.1	0.1	3	Turt	oidity.:	Turbid		Low
High	т.	emp (C): 6	pH: 7.7		(	Conductivit	y: 50		М	oderate	<b>v</b>	Clear
			in the	MOR	PHO	LOGY		10/2011	25	3 (3)	3.	186 - 1
Bed Material: S	Dominant: ubdominant:		D95 (cm): 20. D (cm): 2.0			Bars; Non	Side	Diagonal	Mid-	channel		pan 🔲
Channel Pat	tem: Sinuous		Islands: Nor	ne		RBANCE	01 B1	B2 B3	D1	D2 [	03	
and the second	nent: Unconfi				C1	C2 C	3 C4	C5 S1 S2	S3	S4	S5	
A.A. Maria	logy: RP	Riffle Pool										
	1 7 76	200 - Table	Tel.	2 (20)	COVI	ER	Wis bilance		17.	1 - 1 - 1	130	
Total Cover: N	Moderate		Type:	SWD	LWE	В	U	DP	ov	IV	1	
LWD: F	aw		Amount:	S	S	т	S	N	D	S		
	Evenly Distrib	outed	Location: P/S/O:		<b>V</b>						FS.	z: 🔲
Right Bank: Left Bank: Right Bank: Left Bank:	Shape: Sl Shape: Sl Rip.Veg: M Rip.Veg:	loping (g Text	Stage	-		Boulde Boulde	er Rock	Manmade Manmade  /eg: None	] Algae [			20%
S. Huerry	1000		English the s		FIS	H	TOTAL S		1225	- 1		100
Site Number	Capture Method	Number of Events	Length fished (m)	Tota Tim		Voltage	Species	Total Fish	Minim Length			imum h (mm)
		4										

Morice North Planning Area

Reach # ILP Map # 283 4.0 093L.046 2877

		PROJEC		
Stream Name (gaz.):	BULKLEY RIVER	orest District (tribs to Morice R	Project Code:	5270
16-71 - 16-20 - 16-30 - 16-30		WATERSH	ED NEW STATES	ALTERNATION OF THE PARTY OF THE
Gazetted Name: Watershed Code: 000-0000 ILP Map#: 093L.046 Field UTM (Z.E.N):	00-0000-0000-0000-000 ILP #: 2877 Metho	NID Map #: 093L.036	Local Name:  NID #: 20283 Reach #: 4  Site Lg: 100 Method: HC	1.0 Site #: 283 Access: V2
GIS UTM (Z.E.N): 9.638203.			Ref. Name:	7100030. 72
Date: 2002/0	9/06 Time: 13:45	Agency: C172	Crew: SG/SH Fish Crd?:	Incomplete:
	2005 75 ATM (1810s)			238 × 1 = 4 (M)
Channel Width (m): MS 1.  Wetted Width (m): MS  Pool Depth (m): MS	vidth width width width width width 00 1.40 1.20 0.9	00 1.50 0.80	width   width   Avg   1.13   Method I:	
Wb Depth: .1 COVER	.1 .1 Avg: 0.	10 Method: MS	Stage: L M H Dw	r: Tribs.:
Type: SWD Amount: S Loc: P/S/O:	LWD B L		CROWN CLOSURE  1 1-20%  INSTREAM VEG: N A	M <b>▽</b> ∨ □
LWD: F  LB SHP: S  Texture: F   RIP: M  STG: MF	DIST: E	] • 🗆	RB SHP: S Texture: F ✓ G ☐ C ☐ RIP: M STG: MF	B R A
New State of the second		WATER	Marin Spray Carlot Street Carlot	
EMS:			Req #:	
Temp: 6		Method: T4	Cond.: 50	Method: S3
pH: 7.7 Flood Signs: None		Method: P2 Method: GE	Turb.: T M M L C	Method: GE
	9 2 3 1 3 1 3	MORPHOLO	GY***	
D95: 20.0 I Pattern: SI Islands: N Coupling: DC		dom: C orph: RP DISTURBA INDICATO	NCE	2 D3 1 S2 S3 S4 S5
Confinement: UN FSZ:		Bar	S: N SIDE DIAG	MID SPAN BR
	medical section of the section of th	HABITAT QU	LITY	
Name			Comments	
	None - due to no patches of	suitable gravels and seasona		
	Poor - due to no pools, seas			
	None - no residual pools (se			
Jan E. J. Williams and J.		PHOTOS	Charles Charles Control	
Photo Foc I	g Dir		Comments	
R: 95 F: 01 STC		Upstream photo of site	with moss on channel bed.	
R: 95 F: 02 STD		Photo of downstream s		
R: 95 F: 03 STC		Upstream photo of cul-		

### Morice North Planning Area

Reach # ILP Map # ILP # Site 4.0 093L.046 2877 283

	COMMENTS
Section	Comments
CHANNEL	S4*

### **FDIS Fish Card**

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Watershed Code:

000-00000-00000-00000-0000-000-000-000-000-000-000

4.0

093L.046

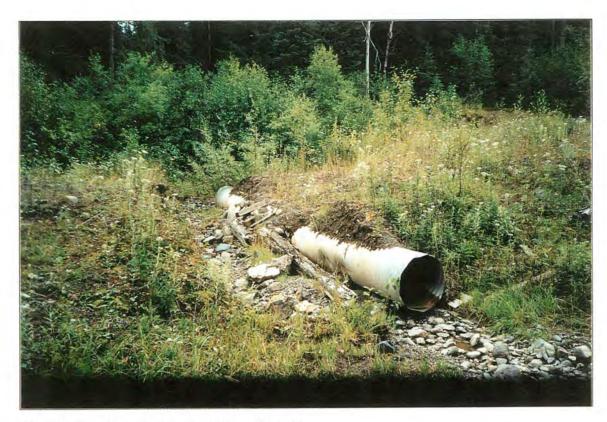
Con	-otto	d Name										Loc	ol:					
				00000	00000	00000	000 0000 0	00.00	0 000	000 0	00.0	Loc	al.					
-	0.5%						000-0000-00											
144				100000-	00000-	-00000-0	000-0000-00	00-00				140		11.0.46	2077	р.	and the	
VV		oody ID:							ILP	viap #:	093L.0		VENTON	ILP#:	2877			
	Pr	oject ID:	5270									Lake/St	ream:	5	La	ke From	Date:	
F	ish F	ermit #:	145	5269		Date:	2002/09/06	5	To	200	2/09/06	Ag	ency:	C172	Crew:	SG/SH	Resar	mple:
	3	To the	1,75	-4-5	- 14	11-15		S	ITE	1 1	ET	IOD	100	E Contract	File		10'-	
Site#	N	D Map	NID	#	UTM:	Zone/Ea	st/North/Mth	nd	MTE	)/NO	Temp	Cond	Turt	oid		Com	ment	or le le le conse
283	09	3L.046	2028	33														
31 313	14/1							١. (	GE A	RS	ETI	INGS					400	
Site#	M	TD/NO	H/P	Date	e In	Time I	n Date 0	Out	Time	Out				(	Comment			
283	E	1	1	2002/	09/06	13:45	2002/09	9/06	14	:00								
11114	3	1/20/	7			C. E	LECT	ROI	FIS	HEF	SP	ECIF	CA	TIONS	4314	12 1	State of a	4370
Site#	Т	MTD/N	10	H/F		Encl	Sec	L	ength		Width	Vol	tage	Frequenc	y Pu	lse	Make	Model
283	E	F	100	1		0	34	1	10.0		1.0	7	00	60		6	SMITH ROOT	12B
			- 15				WOYN -	F	SH	SU	MMA	RY	W. 475	11000000				1.64
Site#	T	MTD/N	10	H/P	Sp	ecies	Stage	Age	9	Total	# L	gth (Min/M	lax)	FishAct			Comment	
283	E	F	1	1	N	FC				0	0.11							
6.0	18					######################################			CO	MM	ENT	S			7 7 3	Stan P	TO BUILD TO	
	S	ection		T	Pla Plance		N. S.					Comn	nents	Party Division		111111		



Site #283, Upstream photo of site with moss on channel bed. Roll #95, Frame #01, Date: 2002/09/06



Site #283, Photo of downstream section of stream. Roll #95, Frame #02, Date: 2002/09/06



Site #283, Upstream photo of culvert (50 cm by 8 m) Roll #95, Frame #03, Date: 2002/09/06

Morice North Planning Area

Reach # ILP Map #

ILP#

1.0 093L.046

	STRE	AM REF	ERENCIA	IG			_ 201- 00-00-00
Gazetted Name:			Local				
Watershed Code: 000-000000-0000	00-00000-0000-0000-000-0	000-000-000- REA	710750	ILP Map #: 093L.04	16	ne: SBS :: Absent  Date: 2002/0 ints (Terrace)  Min Max 4 6 0 0  urbid carate (  annel SB  BB  D3  S4 S5  Crown Clo. 1-2  Moss V Vas	2879
		NEA			4,310	40.0015	W= 11
Reach #: 1.0 Length (km): .92 Gradient (%): 5.4 US Elev (m): 887 Bars: None Side Diagona	UTM(Zone/East/Nort Coupling: Partially Coup onfinement: Occasionally Islands: NONE al Mid-channel	ple Ma Conf Rij	gnitude: 2 Order: 2 parian Vegetation	c		: SBS	ed
	4 . 446.5 . 856.0	SIT	E			100	
	UTM S UTM 9.638423.6030480		Agency: C1 Agency Na	72 Crew: SG me: Triton Environmenta			
	#40 CV 44 CF.	CHAN	NEL				W 24
No Vis.Ch.: ☐ Intermittent: ✔  Dewatered: ☐ Tribs.: ☐	Channel Width (m): 0	Avg Min 0.78 0.5 0.00 0	Max # 1.100 6 0 0	Gradient %: Pool Depth (m):	4.50 4	6	4 0
Stage: Low ✓ Med ☐ High ☐ Temp (C):	Bankfull Depth (m): 0 pH:	0.17 0.1	0.3 3 Conductivity:			mple Type: Bias BGC Zone: SBS In water: Absent  H Date: 2002/0 onsultants (Terrace)  Avg Min Max I.50 4 6 0.00 0 0  y.: Turbid Moderate  Mid-channel S  B  1 D2 D3  1 D3 D3  1 D4 D3  1 D4 D4 D4  1 D4 D4 D4  1 D5 D4 D4  1 D5 D4 D4  1 D5 D4  1 D5 D4  1 D5 D5 D4  1 D5 D5 D5  1 D5 D5 D5  1 D5 D5	Low
	N. A.	ORPHO	LOGY	ne 1 14 15	4 2 4 2 5		
Bed Material: Dominant: Fines Subdominant: Gravels Channel Pattern: Sinuous	D95 (cm): 5.00 D (cm): 0.10 Islands: None	F1717	Bars: Non 🗸	Side Diagonal B1 B2 B3		В	Span [] Braid []
Coupling: Decoupled Confinement: Unconfined Morphology: RP Riffle Poo	lo	C1	CATORS C	C4 C5 S1 S2	S3 S4	\$5	
16、广学公共 5、华丽·特丽		COA	ER	Property of the second		所言	
Total Cover: Abundant  LWD: Few  LWD Dist: Evenly Distributed		WD LWI	N			FS	Z: []
Right Bank: Shape: Sloping (g Left Bank: Shape: Sloping (g Shape: Sloping (g Rip.Veg: Mixed C/D Rip.Veg: Mixed C/D			Boulder	Rock Manmade Rock Manmade ream Veg: None A		1-2	20%
	The state of the s	F	EATURE	\$		2 . (4)	412.9
NID Map NID Type Hgt		Method	Photo	AirPhot			M (Z/E/N
093L.046   25284   CV   .6	MS 8	HC R:	95 F: 04	L:	#:	9.638	396.6030

### Morice North Planning Area

Reach # ILP Map #

1.0

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ILP#

Site

093L.046 2879 284

12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Service of the servic							PR	OJE	C T		A Park	v==1v:				ne T		
	Proj Stream Na ject Waters	me (gaz	.): BUL		VER						00	ı	Project C	Code:			5270		
90 V.	Maria de la companya della companya	24 FM		医斑点	133			WAT	ERSI	(ED		<b>建</b> 斯正制	Police Control	Marie		APPEND TO	-0.00		
Wate	retted Name rshed Code ILP Map	e: 000-00 #: 093L.0	)46	0000-000 II	00-0000 _P #: 28			000-000- ap #: 09		N	IID#: 20	g: 100		ch#: Metho	1. od: HC	0	Site	#: 284 V2	
GIS U	TM (Z.E.N.									R	ef. Name	<b>3</b> :							
	Da	te: 200	2/09/06	1	ime: 14:	:30		Agency:	C172	(	Crew:	SG/SH		Fis	h Crd?:		Incor	nplete:	
	7830-6	1- 30-5	(S)(F)		Too take	La Marie		CH	ANN	EL			MY MAC		(1) = E		THE WAY	S	3 to 1/2
-		Mtd	width	width	width	width	width	width	width	width	width	width	Avg			Gadien	t% M	td A	Avg
	l Width (m)		0.80	1.10	0.50	0.70	1.00	0.60		-	-	1	0.78	M	ethod I:	6.0			1.50
	Width (m): Depth (m):												0.00	Me	thod II:	4.0	4.0	С	
					7.10	_		2.00			_				Vis.Ch.:		termitten		
	Wb Depth:	.3	_1			j: 0.17	,	Method:	MS	S	tage: L	✓ M	☐ H [	-	Dw:	Ц	Tribs	.: 🔲	
	COVER	Lower			al: A														
	Type	_		WD S	B	U	DF		OV D	IV N	CRO 1	OWN CL	OSURE						
	Loc: P/S/O						1 1			N	-			N	A 🗆 N	A CA V			
-		-									1				[]				
	LWD			Di	ST: E														
	LB SHP			المتاحد								RB SHP							
	Texture	FV	G	C	B	R 🗆 A						Texture	FV	G	c $\square$	B	R A		
	RIP											RIP	: M						
	STG	: YF										STG	YF						
	11/22	198						W	ATE	3		可有原理							2 5
	EMS:								A SECTION AND A		R	eq #:						2.3	
	Temp:						Metho	od: T4				ond.:					Method:	S3	
	pH:						Metho	od: P2			7	urb · T	ПМ		7 C F	7	Method:		
F	lood Signs:	None					Metho	od: GE								1	Wichiod.	OL	
A read by		" I = 1	ms et a				N	ORP	HOL	OGY	198	HISELAN		<b>%</b> 2	1				***
В	ed Material:		Dominar	nt: F		Subdom	: G				01	B1	B2	B3 D	1 D2	D3			
		5.00		): 0.10		Morph		r	ISTURB	ANCE							1		
	Pattern:	SI							INDICAT	FORS	C1	C2	C3	C4 C	5 \$1	S2	S3	S4	S5
	Islands:														7 7			04	55
	Coupling:	DC																	
Co	onfinement:										Al-	OID		DIA 0-		-			
	FSZ:								Ba	irs:	NV	SIDE		DIAG	MI	D	SPAN		BR
	- May 2			- Sy	1703	· »		FEA	TUR	E S			ik			20			Ti Sun
NID Map	NID 1	Гуре	Hgt	Method	L	g N	lethod		Photo		Edward.	AirPt	noto		T	TM (Z/E	/N)	Met	hod
093L.046	25284	CV	.6	MS	8		HC	R: 95	F:	04 L	:[		#;	_	_	8396.60			is
Comment	s: Perched	0.8 m.	-dette																
	0 (2014)	*	30-X		17 (A)	1945	HAE	ATIE	T QU	ALI	TY	5						11-15-5	350
	Name										comment	s							
	ning Habita			- due to la															
	Vinter Habitating Habitat		_	- due to la				asonal s	stream flo	ows.									
r/egi	my Habitat		L. OOL .	and to se	casonal	sueam i	iows.												

### Morice North Planning Area

each # ILP Map #

ILP#

2879

Site

1.0

093L.046

			Sam a	18			PHOTOS
UCHIELES)	Ph	oto		Fo	c Lg	Dir	Comments
R:	95	F:	04	S	TD	U	Upstream photo of 0.8 m perched culvert.
R:	95	F:	05	S	TD	U	Upstream photo of typical habitat - dry channel with fine substrate.
R:	95	F:	06	S	TD	D	Downstream photo of typical habitat.
			<i>,</i> ,		Mer to	<b>禁工机</b> 工	COMMENTS
		Sec	ction				Comments
		CHA	NNEL		Channel is po	orly defined and	sections of overland flows and discontinuous channel was observed <10 m long.
		SITE	CARD		CV is a full ba	rrier to fish.	
		CHA	NNEL		S4*		



Site #284, Upstream photo of 0.8 m perched culvert. Roll #95, Frame #04, Date: 2002/09/06



Site #284, Upstream photo of typical habitat - dry channel with fine substrate. Roll #95, Frame #05, Date: 2002/09/06



Site #284, Downstream photo of typical habitat. Roll #95, Frame #06, Date: 2002/09/06

Morice North Planning Area

Reach # ILP Map #

ILP#

2.0

093L.046

LATE A SAME W		near Mary	STR	EAM	REF	EREN	CING					
Gazetted Na	me:					L	ocal Name:					
Watershed C	ode: 000-00	00-00000-00	000-0000-0000-00	0-000-00	0-000-0	000-000	ILI	Map #: 093L.04	16	ILI	P #:	2877
				F	REA	СН			-	130		
Reach #: 2 Length (km): Gradient (%): US Elev (m): Bars: None	: .78 : 2.0 : 839	Confin	UTM(Zone/East/Noupling: Partially Comment: Occasionals Stands: NONE	ouple	Mag	gnitude: Order: 3	8 3 getation: Mix Landuse: N	ed C/D	Sample BGC i	Zone:	nen.	ed
					SIT	E	Skupar :		900000	Depth of the	abl 1	
Site #: Site Length		Field UTA GIS UT	И M 9.638079.60309	24			y: C172 cy Name: Trit	Crew: SG	S/SH I Consul		2002/09 errace)	9/06
	T. T.		Way -	CH	HAN	NEL	No. 2 16		× (-6.1-		5 2 7	18
No Vis.Ch.:	300000000000000000000000000000000000000	ttent: 🗸		Avg	Min	Max	#		Avg	Min	Max	#
Dewatered:			hannel Width (m): Wetted Width (m):	3.68 0.87	3.200 0.5	1.5	6	Gradient %: Pool Depth (m):	4.00 0.15	0.100	0.200	3
Stage: Low			ankfull Depth (m):	0.13	0.5	0.2	3				-	_
Med [ High [		Temp (C): 10	pH: 7.2		(	Conductivit	y: 80	Turb	idity.: Mo	Turbid derate		Low 🗸
A Since	8	ing A Victoria	A Min.	MOR	PHO	LOGY	A SAME		The same	7.75		320
Bed Material:	Dominant		D95 (cm): 20. D (cm): 3.		N.	Bars: Non	Side	Diagonal [	☐ Mid-	channel		an [
Coup	ttern: Sinuou pling: Partiall ment: Occasi plogy: RP		Islands: Nor	ne I		RBANCE CATORS C2 C3	O1 B1	B2 B3 5 S1 S2	D1 1 S3	D2 D S4	S5	
W108	3/1.00			C	OVI	ER		145,140,00				ile
Total Cover: A		buted	Type: Amount: Location: P/S/O:	SWD S	S V	C. C. C. Philippin	U			IV T	FSZ	<u>.</u> : 🔲
Right Bank: Left Bank: Right Bank: Left Bank:	Shape: S Shape: S Rip.Veg: M Rip.Veg:	loping (g Text	Stage			Boulde Boulde	er Rock	Manmade Manmade Manmade Manmade	Ngae _		own Clos 1-20	0%
				( - C)	FIS	Н	The W	N. Tarri	1	14/1/2	316	
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	H	Voltage	Species	Total Fish	Minim Length	2 - 2 - 2 1	Maxii Length	mum n (mm)
285	EF	1	185	471 se	c	700	NFC	0				

Morice North Planning Area

Reach#

ILP Map #

ILP#

Site 285

2.0 093L.046 2877

	3140						PR	OJE	CT							第 5 4		* 1/1 #
Proje Stream Nan Project Watersh	ne (gaz.		KLEY RI	VER						00	F	roject Co	ode:			5270		
	5.50	- 000	4.23	F-5. A		- (3d4), (	WAT	ERS	HED	15005	3W.23				1	W-3	-//- / <u>-</u>	
Gazetted Name:		100	-							Loc	al Name	e:						
Watershed Code:	000-00	00000-00	000-000	00-0000	-0000-0	00-000-0	000-000-	000-000										
ILP Map#:	093L.0	46	1	_P #: 28	77	NID Ma	ap #: 09:	3L.046	N	ID#: 20	285	Read	h#:	2	2.0		Site #: 2	85
Field UTM (Z.E.N):				N	fethod:					Site Lg			Metho	d: HC		Acce	ss: V2	
GIS UTM (Z.E.N):	9.6380	79.6030	924						Re	ef. Name	:							
Dat	e: 200	2/09/06	1	Time: 15:	:00	-	Agency:	C172	C	rew: S	SG/SH		Fis	h Crd?:	V	le	ncomple	te:
		74		W. 1. W. C.	475		CH	ANN	EL	Property of the second		7 3	- W.	a Common of the	0/20	23.3		
	Mtd	width	width	width	width	width	width	width	width	width	width	Avg			Gadie		Mtd	Avg
Channel Width (m):	MS	3.50	4.10	3.20	3.80	4.00	3.50		1,00			3.68		thod I:		5.0	C	4.00
Wetted Width (m): Pool Depth (m):	MS			1.50	0.50		0.60					0.87	Me	thod II:	3.0	-	C	1
											3000		No	Vis.Ch.	-		ittent:	
Wb Depth:	.1	.1	.2		: 0.13	V	Method:	MS	Si	age: L	✓ M	_ H [		Dw	r: 🗀	- 17	ribs.:	
COVER				al: A														
Type:	SWE		VD	В	U	DF	,	OV	T	CR0		OSURE -20%						
Loc: P/S/O:	s			T	7			_	<u> </u>	-		VEG:	N	АП	M	V		
LWD: LB SHP: Texture: RIP: STG:	S F	G 🗸		B _	R 🗆 A	<b>\</b>					RB SHP Texture RIP STG	F ✓ M	G 🔽	с	В	R	) <b>A</b> [	I
		12/1		7.		N SHIP	W	ATE	R		ाक्षेत्र । इ.स.		38			· · ·	785 1,853	
EMS;										R	eq #:							
Temp:							od: T4			C	ond.: 80					Met	thod: S	3
pH: Flood Signs:							od: P2			Т	urb.: T	☐ M	TL	VC		Met	thod: G	E
y jack digital			W 5 5	W 1952	10000	100		HOL	OCY	Shans			== 1	16 - 65		200012	White -	-3200
J - SAL MANE &	- 211-			F			Oni	IIOL	.001	01	B1	B2 I	_		2 D		2.014	
Bed Material:	20.0	Dominan D (cm	it: G ): 3.00		Subdon								TIT	711	TIT			
Pattern:		- (	,				1	DISTURE		C1	C2	C3 (	C4 C	5 S	1 S	2 8	3 54	4 S5
Islands:															111			
Coupling:																		
Confinement:								В	ars:	NV	SID	F	DIAG	1 1	MID	SPA	N	BR
FSZ:														1		711		
1						HA	BITA	T Q	JALI	TY	Maria Maria							
Name		1								Commen								
OverWinter Habitat Rearing Habitat				cover bu					available	in upstr	ream we	tland/lak	Э.					
Spawning Habita	_							d by Dry	/Int chan	nel.								
The North Assessment	C-PN	1 = 1	ye way	3 75		197		ОТО			1	in its	1000		1	Y 3,		-
Photo	F	oc Lg		D	)ir				e con les	N Hall		Commer	nts			- deal		
R: 95 F: 07		STD			U					pical of s								
R: 95 F: 08	5	STD			D	Dov	vnstrear	n photo	of function	ning LW	D.							

### Morice North Planning Area

Reach#

ILP Map #

ILP#

Site

2.0

093L.046

2877

		WILDLIFE									
Group		Observations									
MAM	Wolf obse	Wolf observed on road just before site.									
W. N.	Stem yet	COMMENTS									
Section	on	Comments									
SITE C	ARD	Electroshocked isolated pools within site as well as the edge of the wetland/lake which resulted in NFC. Potential downstream barrier in Emerson Creek may limit upstream fish access to this Reach. Site was d/s of bridge crossing.									
	NEL	53*									

### **FDIS Fish Card**

#### Morice North Planning Area

 Reach #

ILP Map #

ILP#

2.0

093L.046

			12/15				29 401412 201004		THE LESS	He Care III		田村 1000000000000000000000000000000000000	PARTE SIN		VII -	A Part of the Part		
0.00		Name										Loca	al:					
F	Projec	t Code	460-0	00000-	00000	-00000-0	000-0000-	000-00	0-000-	000-00	10-0							
	WS	Code	000-0	000000-	00000	-00000-0	000-0000-	000-00	0-000-	000-00	000-00							
W	/aterb	ody ID:							ILPN	Map #:	093L,0	46		ILP#:	2877	Reach #:	2 -	
	Pro	ject ID:	5270									Lake/Str	ream:	S	Lake	e From Date:		
F	ish Pe	ermit #:	14	5269		Date:	2002/09/0	06	То	: 2002	2/09/06	Age	ency:	C172	Crew: SC	G/SH I	Resample	
- 14	H.	100		A 1 2"	W.	- 10/20		S	ITE	1 M	ETH	O D	823	NAME OF STREET		Part Contract	TO 10 21	75
Site#	NIC	Мар	NID	#	UTM:	:Zone/Ea	st/North/M	thd	MTD	/NO	Temp	Cond	Turb	oid		Comment	Contract of	
285	093	L.046	202	35		-		GPU	EF	1	10	80	L					
Sans	100	TE O	7		五十二		1 44	A. (	GEA	R S	ETT	INGS	W. 1.53		1110		7	
Site#	MT	D/NO	H/P	Date	ln	Time I	Date	Out	Time	Out			******	C	Comment			
285	EF	1	1	2002/	09/06	15:00	2002/	09/06	15:	40								
3	N N	The second	28			C. E	LECT	RO	FISI	HER	SP	ECIFI	CA.	TIONS	La vi		300	-
Site#		MTD/N	10	H/P		Encl	Sec	L	ength.		Width	Volt	tage	Frequency	y Puls	e Mak	te	Model
285	EF		1	1		0	471	LA	185.0		3.5	70	00	60	6	SMIT		12B
Was all	1 Paris	- 1/17	11 11		ar programme	N.	報は発展	F	ISH	SU	MMA	RY		andrea.			ov nothing	
Site#	T.	MTD/N	10	H/P	Sp	ecies	Stage	Age	е	Total #	# Lg	th (Min/M	ax)	FishAct		Commer	nt	
285	EF	2.5	1	1	N	FC	-			0								
	US T		1		THE T				CO	MM	ENT	3	980		Jan. T.			1909
	Se	ction							- 40			Comm	ents			plic_151		



Site #285, Upstream photo of habitat typical of site. Roll #95, Frame #07, Date: 2002/09/06



Site #285, Downstream photo of functioning LWD. Roll #95, Frame #08, Date: 2002/09/06

### Morice North Planning Area

Reach # ILP Map #

ILP#

6.0 093L.047

	THE WALK	STR	EAM	REF	EREN	ICIN	G		in-profit	2 194	
Gazetted Name:					J	Local Na	ame:				
Watershed Code: 0	00-000000-00000	-0000-0000-0000-000	0-000-0	00-000-0	000-000		ILP Map #: 093L.04	7	IL	P#:	3028
Mary Comment			Y Service	REA	CH	(m)		No.	-12-14-11-	<b>建</b>	ر خصلونت
Reach #: 6.0 Length (km): .69 Gradient (%): 13.0 US Elev (m): 842 Bars: None 🗸 Sie		UTM(Zone/East/No Coupling: Decoupled infinement: Occasiona Islands: NONE	lly Conf	Mag f Rip	gnitude: Order:	getation			Type: Zone: iter: Abs	77	d
San James	W. 188		1.540	SIT	E	il aus	ili (1 Shiye)	T. I			
Site #: 286 Site Length (m): 10		UTM UTM 9.640357.60321	Y		Ager	cy: C17	2 Crew: SG e: Triton Environmental	/SH Consu		2002/09 errace)	/06
		الخروا بالمراجع بالمراجع	C	HAN	NEL			* 1	East in the	J. 100	- 1
Dewatered:	Tribs.:	Channel Width (m): Wetted Width (m):	Avg 1.22 0.00	Min 0.800	Max 1.600	6	Gradient %: Pool Depth (m):	5.75 0.00	Min 5	7 0	4 0
Stage: Low ✓ Med ☐ High ☐	Temp (C):	Bankfull Depth (m): pH:	0.40	0.3	0.5 Conductiv	3	Turbi	dity.:	Turbid oderate		Low
	1607	4.0	MOF	RPHO	LOG	Y	STALL STALL	3 7			10.8
Bed Material: Don Subdon Channel Pattern: S Coupling: D Confinement: U Morphology:	ninant: Cobble Sinuous Decoupled Unconfined	D95 (cm): 15. D (cm): 0.: Islands: Nor	.00 50	DISTU	Bars: No	n 🗸	B1 B2 B3 4 C5 S1 S2		D2 [ S4		pan
		1 The same they	The second	COV	ER			0,0			
Left Bank: Sh Right Bank: Rip.	ant Distributed ape: Sloping (g	Texture: Fines ✓ Gra Texture: Fines ✓ Gra Stag		Cobble Cobble sapling solherb st	Bould Bould stage	der   I				FS2 own Clos	sure 0%

Morice North Planning Area

Reach # ILP Map #

ILP#

Site

6.0 093L.047 3028 286 PROJECT Project Name: RFFHI within the Morice Forest District (tribs to Morice R.) Stream Name (gaz.): BULKLEY RIVER 5270 Project Code: WATERSHED Local Name: Gazetted Name: Site #: 286 ILP Map#: 093L.047 ILP#: 3028 NID Map #: 093L.046 NID #: 20286 Reach #: 6.0 Site Lg: 100 Method: HC Access: V2 Field UTM (Z.E.N): .. Method: GIS UTM (Z.E.N): 9.640357.6032104 Ref. Name: Fish Crd?: Crew: SG/SH Incomplete: Agency: C172 Date: 2002/09/06 Time: 15:50 CHANNEL Avg width width width width Gadient % Mtd Mtd width width width Avg width width width 1.22 5.75 MS 1.00 Method I: 5.0 6.0 C Channel Width (m): 1.10 0.80 1.50 1.60 1.30 5.0 0.00 Method II: 7.0 C Wetted Width (m): MS 0.00 MS Pool Depth (m): No Vis.Ch.: Intermittent: V Wb Depth: .5 .3 .4 Avg: 0.40 Method: MS Stage: L M M H Dw: Tribs.: COVER Total: A **CROWN CLOSURE** SWD LWD DP OV IV Type: В U D N 1-20% Amount S Loc: P/S/O: INSTREAM VEG: N A M V V LWD: A DIST: E RB SHP: S LB SHP: S Texture: F G G C B R A Texture: F G G C B R A RIP: D RIP: S STG: PS STG: SHR WATER EMS: Req#: Method: T4 Cond .: Method: S3 Temp: Method: P2 pH: Turb.: T M L C C Method: GE Flood Signs: None Method: GE MORPHOLOGY 01 **B1 B2 B3** D1 D2 D3 Subdom: C Bed Material: Dominant: F D95: 15.0 D (cm): 0.50 Morph: CP DISTURBANCE **INDICATORS** Pattern: SI C1 C2 C3 C4 C5 SI \$2 **S**3 **S4 S5** Islands: N Coupling: DC Confinement: UN BR DIAG MID Bars: NV SIDE SPAN FSZ: HABITAT QUALITY Name Comments Spawning Habitat None - due to lack of gravel. OverWinter Habitat None - due to lack of pools with sufficient depth and seasonal flows Rearing Habitat Poor - due to lack of pool and seasonal flows. PHOTOS Photo Dir Comments Foc Lg 95 F: 09 STD D Downstream photo of cobble/fine channel (brushy).

Upstream photo of dry brushy channel (typical habitat).

STD

U

95 F: 10

#### Morice North Planning Area

Reach# ILP Map # ILP # Site 6.0 093L.047 3028 286

	COMMENTS
Section	Comments
CHANNEL	Ephemeral stream, Dry at time of survey.
CHANNEL	S4*



Site #286, Downstream photo of cobble/fine channel (brushy). Roll #95, Frame #09, Date: 2002/09/06



Site #286, Upstream photo of dry brushy channel (typical habitat). Roll #95, Frame #10, Date: 2002/09/06

Morice North Planning Area

Reach # ILP Map #

ILP#

3.0

093L.045

W. 200 W.					200020170000			85/5	****				1000
Gazetted Na								Name:					
Watershed	Code: 000-0	00000-00000	-00000-0000-	000-000				ILP	Map #: 093L.04	15	ILI	P#:	2593
					RE	ACH	115						
Reach #: 3	3.0		UTM(Zone	/East/No	orth): 9.626	759.603707	0			Sample	Туре:	Rando	om
Length (km			Coupling: Pa			Magnitude	: 19			BGC	Zone: I	ESSF	
Gradient (%		Cor	nfinement: Fr		Confin	Orde				pen wa	ter: Abse	ent	
US Elev (m			Islands: No	ONE		Riparian \	egetat	ion: Shru	bs				
Bars: None	✓ Side	Diagonal	Mid-cha	nnel 🗌	Span _	Braid	Lan	nduse: No	t Specified				
Ultrace da		250			s	ITE		land of the Co			3" (1)		
Site #	: 287	Field U	JTM 9.62719	0.603718	37	Age	ncy: C	172	Crew: SG	/SH	Date:	2002/09	9/07
Site Length	(m):400	GIS	UTM 9.62710	7.603698	36	Ag	ency Na	ame: Trito	n Environmenta	Consul	tants (Te	errace)	
	( ) )		-A1 7 7 7 19		CHA	NNEL	15	Carried D	24 154	40.715	24 16	W. T.	
No Vis.Ch.:	☐ Interm	nittent;			Avg M	lin Max	#	7		Avg	Min	Max	#
Dewatered:		Tribs.:	Channel Wi		3.28 2.3	700 3.8	6		Gradient %:	4.00	4	4	3
Stage: Low			Wetted Win	1 1	2.77 2	.5 3.200	6		Pool Depth (m):	0.25	0.100	0.400	4
Med		L	Bankfull De	oth (m):	0.27 0	.2 0.3	3		Turbi	dity.:	Turbid		Low
High		Temp (C): 5	pH	1: 7.0		Conduct	ivity: 40	)			oderate		lear 🗸
AND	E CO			E 16	MORP	HOLOG	Y			-0.4	68.3	11 201	W. 1
Bed Materia	l: Dominar	t: Cobble	D95 (c	m): 25.	00	Bars: N	on V	Side	Diagonal	Mid-	channel	□ St	pan 🗌
	Subdominar	t: Gravels		m): 8.0		2010.1	on (2)	0.00			oriamion		raid
Channel P	attern: Sinuo	iie	lela	nds: Non	o Dis	TURBANC	E O	1 01	P2 P2	D1 1	00 0		
	pling: Partia		toldi	103.11011		DICATORS	-	1 B1	B2 B3	D1	D2 D	7	
		ently Confine	d		C	1 C2	C3	C4 C5	S1 S2	S3	S4	S5	
	ology: CP	Cascade P			П		ПТ			ПП	П		
				* 200	CC	VER	Signal April			100			See Line
T-t-LO-	12.2.000			Towns			0.00		50 L 6				9200
Total Cover:	Moderate		40	Type:	SWD	T	B S	T	DP C	0	IV N		
LWD:		T	Location: F	0.010.00							N		_
LWD Dist:	Clumped	L	Location. 1	V.				<b>/</b>				FSZ	Z:
Right Bank:	Shape:	Sloping (g T	exture: Fines	Gra	vel Cot	ble V Bou	lder	Rock	Manmade		Cro	wn Clos	sure
Left Bank:			exture: Fines	Gra	vel Cot	ble 🗸 Bou	Ider	Rock	Manmade			1-20	0%
	Rip.Veg:	Shrubs			: Shrub/her					_		4	
Right Bank:	Rip.Veg:			Stage	: Shrub/her	b stage	los	stream Ve	g: None 🗸 A	lgae _	Moss	Vaso	cular _
Right Bank: Left Bank:													
	1-1-110	2/64/2			7.250	FEAT			(a) (a)	77.30		1.16	
	NID Ty	pe Hgt	Method	Lg	Method	FEAT			AirPhot	0		UTI	M (Z/E/N
NID Map 093L.045	26287 F	40.0	GE	10	AE	FEAT	URE	S		o #:			-
NID Map 093L.045	26287 F	40.0		10	AE	FEAT	URE oto	S					-
NID Map 093L.045 Comments NID Map	26287 F Falls, barri NID Ty	40.0	GE	10	AE	FEAT Ph R: 95	URE oto	S		#:		9.6277	97.6036
NID Map 093L.045 Comments NID Map 093L.045	26287 F Falls, barri NID Ty 25287 C	40.0 er to upstream pe Hgt 100.0	GE n fish migratio Method GE	10 n (Reach	AE 2).	FEAT Ph R: 95	URE oto F: 20	S L:	AirPhot	#:		9.6277 UTM	97.6036 M (Z/E/N
NID Map 093L.045 Comments NID Map 093L.045	26287 F Falls, barri NID Ty 25287 C	40.0 er to upstream pe Hgt	GE n fish migratio Method GE	10 n (Reach Lg	AE 2). Method	FEAT Ph R: 95	URE oto F: 20	S L:	AirPhot	#: ]		9.6277 UTM	97.6036 M (Z/E/N
NID Map 093L.045 Comments NID Map 093L.045	26287 F Falls, barri NID Ty 25287 C	40.0 er to upstream pe Hgt 100.0	GE n fish migratio Method GE	10 n (Reach Lg	AE 2). Method AE	FEAT Ph R: 95	oto F: 20 oto F: 19	S L:	AirPhot	#: ]		9.6277 UTM	97.6036 M (Z/E/N
NID Map 093L.045 Comments NID Map 093L.045	26287 F Falls, barri NID Ty 25287 C	40.0 er to upstream pe Hgt 100.0	GE n fish migration Method GE Reach 2).	10 n (Reach Lg 400	AE 2). Method AE	Ph R: 95	oto F: 20	0 L:	AirPhot	#: ]		9.6277 UTN 9.6279 Maxis	M (Z/E/N 97.6036 M (Z/E/N 96.6036 mum

#### Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

3.0 093L.045 2593 287

	L Marie	in the	1 2 30			No. of the		PR	OJE	CT			1.00			واستحطان	
	Proje Stream Nam ect Watersh	ne (gaz	.): BUL		VER						000	F	Project C	ode:		5270	
396		-16	1500	No. Cont.		V V		WAT	ERS	HED	<b>建地</b>		170-1 11 1	1	CARL T	100	
Gaze	tted Name:			111/111							Loc	cal Name	e:				
Waters	shed Code:																
	ILP Map#:	093L.0	)45		LP #: 25	93	NID M	ap #: 09	3L.045	1	VID#: 20	0287	Read	ch #:	3.0	Site	e #: 287
	M (Z.E.N):				N	Method:	GPU				Site Lo			Method	: HC	Access:	Н
GIS UT	M (Z.E.N):	9.6271	07.6036	986						F	Ref. Name	e:					
	Dat	te: 200	2/09/07	1	Time: 12:	:00		Agency:	C172		Crew:	SG/SH		Fish	Crd?:	✓ Inco	mplete:
47-14-1		39.7		1530	19 3	1	A APPLY	CH	ANN	EL	14 V	Make 33	0.0	17 1 = 10		200	- 1
		Mtd	width	width	width	width	width	width	width	width	width	width	Avg		Г	Sadient %   N	Atd Avg
	Width (m):	MS	3.30	2.70	3.10	3.20	3.80	3.60			J.T.		3.28	Met	hod I: 4	1.0 4.0	C 4.00
	Width (m):	MS	3.20	2.50	2.70	3.00	2.50	2.70				30.0	2.77	Meth	nod II: 4	1.0	С
Pool	Depth (m):	MS	0.20	0.10	0.40	0.30							0.25	No V	/is.Ch.:	Intermitter	nt:
	Wb Depth:	.3	.2	.3	Avg	: 0.27		Method:	MS		Stage: L	□ M	VH		Dw:	Trib	
	COVER			Tota	al: M									_			
	Type:	SWI	TI	ND	В	U	DF	<b>&gt;</b>	ov T	IV	T CR	OWN CL	OSURE				
	Amount:	T		T	S	T	N	_	D	N	1		-20%				
1	.oc; P/S/O:	1				V		V			INS	TREAM	VEG:	NVA	M	_ v _	
	RIP	F	G	c 🔽	В	R	A 🔲					RIP	F 🗌	G 🗌	С 🔽 В	R	
		6					17179	W	ATE	R	1000		ā i				
	EMS:						****					eq#:				in the second	
	Temp: pH:							od: T4				ond.: 40				Method	
FI	ood Signs:						130.441.5	od: GE			7	Turb.: T	□М		C	Method	d: GE
- 200	TV Del C		201	1000	NAC SALES	80 (Sec. 196		OPE	HOL	000	le s	~v <sub>m</sub> 1 - 7 - 7				- COV- 00	EXPOSE TO THE
2000		- Target						UNI	HUL	00	01	B1	B2 B	33 D1	D2	D3	
Ве	d Material:		Dominar			Subdon											
	D95:		D (cm	): 8.00		Morph	1: CP		INDICA		Ш						
	Pattern: Islands:								INDICA	TORS	C1	C2	C3 (	C4 C5	S1	S2 S3	S4 S5
	Coupling:																
Co	nfinement:																
	FSZ:								В	ars:	NV	SIDI	E	DIAG	MID	SPAN	BR
		SUBIT	s man	av = T		1 10	The Const	FEA	TUR	ES			on Gara			- 100 mm	
ID Map		Гуре	Hgt	Metho	-	g h	Method	を表示	Photo			AirPl	hoto	II Zakoli	LIT	M (Z/E/N)	Method
3L.045		F	40.0	GE		*	AE	R: 9		20	L:	7 1117	#:			797.6036491	GIS
Comments	Falls, bar	rier to u	pstream	fish mig	ration (R	Reach 2)											
ID Map	NID T	уре	Hgt	Metho			Method		Photo			AirPl				M (Z/E/N)	Method
93L.045			100.0	GE	4	00	AE	R: 9	5 F:	19	L:		#:		9.6279	996.6036309	GIS
Comments	: Long cas	cade se	ection (R	leach 2).													
7 A	Alian S	#// V					HA	BITA	TQ	UALI	TY	en pe	W.		4.	Tas Vinde	
	Name										Commen	ts					

### Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

3.0

093L.045

2593

	N	ame			Comments
Sp	awnir	ng Habitat	Poor - due t	limiting gravel a	nd spawning location (extensive riffle areas).
Ove	erWin	ter Habita	t Fair - due to	limited deep pool	habitat with perennial flows.
R	Rearing	g Habitat	Good - due	to abundant overs	stream vegetation and boulder cover with riffles and deep runs.
19					PHOTOS
Ph	noto		Foc Lg	Dir	Comments
R: 95	5 F: 17 S		STD	D	Downstream photo of typical habitat in alpine meadow.
R: 95	F:	18	STD	U	Upstream photo of typical habitat in alpine meadow.
2: 95	F:	19	STD	U	Aerial photo of 100 m by 400 m cascade in Reach 2.
R: 95	F:	20	STD	U	Aerial photo of 40 m Falls in Reach 2.
					COMMENTS
	Se	ction		And the second of the second	Comments

## FDIS Fish Card

#### Morice North Planning Area

Reach#

ILP Map #

ILP#

Watershed Code:

000-000000-00000-00000-0000-0000-000-000-000-000-000

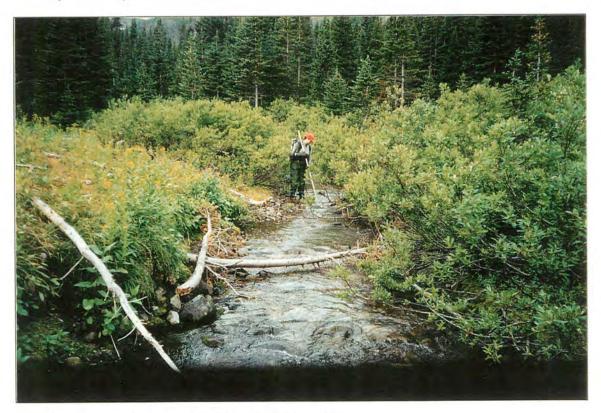
3.0

093L.045

			-12					7	WAT	ERB	O D	Y					<b>想证证</b>	
Gaz	zetted	Name										Loca	al:					
F	Projec	t Code:	460-0	000000-0	0000-0000	0-000	0-0000-000	-000	0-000-00	0-000-	0							
	WS	Code	000-0	000000-0	0000-0000	0-000	0-0000-000	-000	0-000-00	0-000-	000							
W	Vaterb	ody ID:							ILP Map	#: 09	3L.04	5		ILP#:	2593	R	each #: 3	-
	Pro	ject ID:	5270									Lake/Str	eam:	S	Lal	ke Fron	n Date:	
F	ish P	ermit #:	14	5269	Da	te: 20	002/09/07		To:	2002/0	9/07	Age	ency:	C172	Crew: S	G/SH	Resar	nple:
		Mad L	ST. 19	N. S.		- 3	170	SI	TE /	ME	TH	O D				ATTACK.		
Site#	NII	) Мар	NID	#	UTM:Zone	/East/l	North/Mthd		MTD/N	) Te	emp	Cond	Turi	bid		Con	nment	
287	093	L.045	202	87		11-	G	PU	EF 1		5	60	C					
-0 405		2/15		A	145 100	Plant of	A	. G	EAR	SE	TI	NGS	HE I	源。如于以	in such		A Section	Yr
Site#	MT	D/NO	H/P	Date	In Tin	ne In	Date Ou	ıt	Time O	ıt				(	Comment		AND MAKE STOWN	
287	EF	1	1	2002/0	9/07 12	:00:	2002/09/	07	12:45	1								
		782-000	0-0		C.	EL	ECTR	OF	ISH	ER :	SPE	CIFI	CA	TIONS	, 81 w			
Site#		MTD/N	10	H/P	Enc		Sec	Le	ength	W	idth	Vol	age	Frequenc	y Pu	se	Make	Mode
287	E		1	1	0		518	3	350.0	TLb	3.0	10	00	60	(	3	SMITH ROOT	12B
	77/94				No. 2		15.78	FI	SHS	UM	MA	RY		120 3112	i - 25			**************************************
Site#		MTD/N	10	H/P	Species	S	tage	Age	To	ital#	Lgt	h (Min/M	ax)	FishAct			Comment	
287	E		1	1	NFC					0		- 7 5 5						



Site #287, Downstream photo of typical habitat in alpine meadow. Roll #95, Frame #17, Date: 2002/09/07



Site #287, Upstream photo of typical habitat in alpine meadow. Roll #95, Frame #18, Date: 2002/09/07



Site #287, Aerial photo of 100 m by 400 m cascade in Reach 2. Roll #95, Frame #19, Date: 2002/09/07



Site #287, Aerial photo of 40 m Falls in Reach 2. Roll #95, Frame #20, Date: 2002/09/07

Morice North Planning Area

Reach # ILP Map #

ILP#

1.0

093L.045

	ā Jum		STR	EAM	REF	EREN	CING		4-10-6	
Gazetted Na	me:					Lo	cal Name:			
Watershed C	ode: 000-000	0000-00000-00	000-0000-0000-00	00-000-00	0-000-0	000-000	ILP	Map #: 093L.	045	LP#: 2610
	13.30	TUST	31 188	NS SEE	REAG	СН	milde.	10 TO		VE - 19 F. 7
Reach #: 1	0		ITM/7/E/N		05404	0000700			0 1 1 7	
Length (km)			JTM(Zone/East/N upling: Coupled	ortn): 9.6			1		Sample Type: BGC Zone:	Biased
Gradient (%)			ement: Occasiona	ally Conf	11102	Order: 1			Open water: Ab	
US Elev (m)	: 1736	l:	slands: NONE		Rip	arian Vege	etation: Gras	s	40.50	
Bars: None	✓ Side	Diagonal	Mid-channel	Span	Br	raid 🗌	Landuse: No	t Specified		
	1 150	En 23		10-1	SIT	E C	(M) (M)			
Site #:	288	Field UTM	9.625344.60371	51		Agency	: C172	Crew: S	G/SH Date:	2002/09/07
Site Length	(m): 100	GIS UT	M 9.625358.60369	70		Agency	Name: Trito	n Environmen	tal Consultants (	Terrace)
		State of the same		CI	HAN	NEL	40881 2018	92036		
No Vis.Ch.:	Intermit	tent:		Avg	Min	Max	#		Avg Min	Max #
Dewatered:	Tr	ibs.:	hannel Width (m):	1.28	1.100	1.600	6	Gradient %	6: 13.25 12	15 4
Stage: Low			Wetted Width (m):		1	10000		Pool Depth (m	): 0.15 0.100	0,200 4
Med	~	В	ankfull Depth (m):	0.20	0.2	0.2	3	Tur	bidity.: Turbic	Low L
High		emp (C): 4	pH: 7.1		C	conductivity	: 40		Moderate	Clear V
	- K- 10/1	WELLOW S.	N. A. C.	MOR	PHO	LOGY	al.		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 - 2 - 2
Bed Material:	Dominant:	Cobble	D95 (cm): 15	.00		Bars: Non	✓ Side	Diagonal	Mid-channe	el Span
8	Subdominant:	Boulders	D (cm): 7.	00				2000	=	Braid _
Channel Pa	ttern: Sinuous	S	Islands: No	ne		RBANCE	O1 B1	B2 B3	D1 D2	D3
Cou	pling: Coupled	d			INDIC	ATORS				
	ment: Frequer				C1	C2 C3	C4 C5	S1 S2	2 S3 S4	S5
Morpho	ology: CP	Cascade Pool								
12740		* 3000		C	OVE	ER		唐《华		
Total Cover:	Trace		Type:	SWD	LWD	В	U	DP	OV IV	
LWD:	Vone		Amount:	N	N	D	N	N	NN	
A 444 TO 15 TO 1	Not Applicable	e	Location: P/S/O:							FSZ:
Right Bank:	Shape: O	verhangi Text	ure: Fines Gra	avel	Cobble	Boulder	Rock	Manmade		rown Closure
Left Bank:	Shape: O	verhangi Text	ure: Fines Gra	avel 0	Cobble	✓ Boulder	Rock	Manmade		0%
Right Bank:	Rip.Veg: G	rass	Stag	e: Non-ve	getated	or initi				
	Rip.Veg:		Stag	e: Non-ve	getated	or initi	Instream Ve	g: None 🗸	Algae Moss	Vascular _
Left Bank:	Nip. veg.								EXTREM TO THE REST	
Left Bank:	Tup.veg.	THE RESERVE		1 1	FISI	H SERVICE STATE				
Left Bank:	Capture Method	Number of Events	Length fished (m)	Total Time	1	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)

#### Morice North Planning Area

Reach # ILP N

Comments

ILP Map#

ILP#

Site

1.0 093L.045 288 2610 PROJECT Project Name: RFFHI within the Morice Forest District (tribs to Morice R.) Stream Name (gaz.): BULKLEY RIVER Project Code: 5270 WATERSHED Gazetted Name: Local Name: ILP Map#: 093L.045 ILP#: 2610 NID Map #: 093L.045 NID #: 20288 Reach #: 1.0 Site #: 288 Field UTM (Z.E.N): 9.625344.6037151 Method: GPU Site Lg: 100 Method: HC Access: H GIS UTM (Z.E.N): 9.625358.6036970 Ref. Name: Date: 2002/09/07 V Incomplete: Time: 13:20 Agency: C172 Crew: SG/SH Fish Crd?: CHANNEL width Avg Mtd width width width width width width Avg Gadient % Mtd width width width 1.40 1.28 Method I: 12.0 12.0 С 13.25 Channel Width (m): MS 1.10 1.30 1.20 1.10 1.60 Wetted Width (m): MS 1.20 Method II: 14.0 15.0 C 1.10 1.10 1.00 1.00 1.00 1.07 Pool Depth (m): MS 0.20 0.10 0.20 0.15 0.10 No Vis.Ch.: Intermittent: Wb Depth: .2 .2 Avg: 0.20 Method: MS Stage: L M W H Dw: Tribs.: COVER Total: T CROWN CLOSURE Type: SWD LWD В U DP OV IV Amount N D N N N N Loc: P/S/O: INSTREAM VEG: N 🗸 A 🗌 M 🔲 V 📋 LWD: N DIST: NA LB SHP: O RB SHP: O Texture: F G C B B R A Texture: F G C B R A RIP: G RIP: G STG: INIT STG: INIT WATER EMS: Req #: Temp: 4 Method: T4 Cond.: 40 Method: S3 pH: 7.1 Method: P2 Method: GE Turb.: T M L C Flood Signs: None Method: GE MORPHOLOGY 01 **B1** D3 B<sub>2</sub> **B3 D1** D2 Dominant: C Bed Material: Subdom: B D95: 15.0 D (cm): 7.00 Morph: CP DISTURBANCE **INDICATORS** Pattern: SI C1 C2 C3 C4 C5 S1 **S2 S3 S5** Islands: N Coupling: CO Confinement: FC MID BR SPAN Bars: SIDE DIAG FSZ: HABITAT QUALITY Name Comments Spawning Habitat None - no gravel. OverWinter Habitat None - no pools. Poor - no pools and limited cover. Rearing Habitat PHOTOS

Downstream photo towards Lake.

Upstream photo towards mountain.

Foc Lg

STD

STD

Dir

D

U

Photo

95 F: 21

95 F: 22

### Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

1.0

093L.045

2610

	COMMENTS
Section	Comments
CHANNEL	S6 - NFC, Falls barrier downstream.

### **FDIS Fish Card**

### Morice North Planning Area

Reach #

ILP Map #

u n 4

Watershed Code:

000-000000-00000-00000-0000-0000-000-000-000-000-000

1.0

093L.045

				150					WA:	TER	BOD	Y						Lave Village	
Gaz	zette	Nam	e:									Loc	al:						
F	Proje	t Coc	e: 46	0-00	00-0000	000-00000-	0000-0	00-000-000	0-000-	000-00	0-0								
	W	S Coo	e: 00	0-00	00-0000	000-00000-	0000-0	000-000-00	0-000-	000-00	0-000								
N	Vatert	ody I	D:						ILP N	lap#:	093L.0			ILP#:	2610	Reac		-	
	Pr	oject I	D: 52	70								Lake/St	ream:	S	Lake	e From D	ate:		
F	ish P	ermit	#:	145	269	Date	: 200	2/09/07	To	: 2002	2/09/07	Ag	ency:	C172 Crew: SG/SH			Resample:		
	3	110	100		N. C.			* (A <b>S</b>	ITE	/ M	ETH	OD	144		1. K.C.	105.05	P. W. S	1 7 m	
Site#	NI	D Ma	1	IID #	# U	TM:Zone/E	ast/No	orth/Mthd	MTD	/NO	Temp	Cond	Tur	oid		Comm	ent		
288	09	3L.04	5 2	028	8		GPU		EF	1	4	40	C						
		500	i		(a)	in the	i,	Α. (	GEA	R S	ETT	INGS	. y. :	1 7 7 1 1/4		Printed			
Site#	M	D/NC	) H/	P	Date In	Time	In	Date Out	Time	Out				C	Comment				
288	EF	1	1		2002/09/			2002/09/07	13:										
/ E		1		33		C.	ELE	CTRO	FIS	HER	SP	ECIFI	CA	TIONS	**				
Site#		MTC	/NO	Т	H/P	Encl		Sec L	ength.		Width	Vol	tage	Frequency	y Puls	e	Make	Model	
288					1	0		105	100.0	1	1.1	10	000	60	6		SMITH ROOT	12B	
	1			3	- 9405			F	ISH	SU	MMA	RY				The state of			
Site#		MTD	/NO	T	H/P	Species	Sta	ge Age	e	Total :	# Lg	th (Min/M	lax)	FishAct		Cor	nment		
288	E	F	1		1	NFC				0									



Site #288, Downstream photo towards Lake. Roll #95, Frame #21, Date: 2002/09/07



Site #288, Upstream photo towards mountain. Roll #95, Frame #22, Date: 2002/09/07

# FDIS Reach/Site Summary

### Morice North Planning Area

Reach # ILP Map #

ILP#

6.0 093L.045

			STR	EAMRE	FEREN	CING		X215	
Gazetted Na	me:				L	ocal Name:			
Watershed 0	ode: 000-00	00-00000-000	000-0000-0000-00	0-000-000-00	0-000-000	ILP	Map #: 093L	.045 IL	P#: 2593
			The state of the s	RE.	ACH				
Reach #: 6 Length (km) Gradient (%) US Elev (m) Bars: None	: 1.18 : 15.5 : 1868	Co Confin	JTM(Zone/East/Nupling: Coupled ement: Frequently slands: NONE	/ Confin	Magnitude: Order: 2	2 etation: Grass Landuse: Not		Sample Type: BGC Zone: Open water: Abs	
		N. Comit		SI	TE				N SEL
Site #:		Field UTM GIS UTI	I м 9.624916.60372	56		y: C172 y Name: Tritor		SG/SH Date: ntal Consultants (1	2002/09/07 [errace]
Manufacture of the second	No Trail Line	er N		CHA	NNEL		WE WAY		
No Vis.Ch.: Dewatered: Stage: Low Med High	T	ribs.:	hannel Width (m): Wetted Width (m): ankfull Depth (m): pH: 7.2	Avg Mir 3.43 2.8 2.95 2.3 0.20 0.2	4.2	3	Gradient Pool Depth (r	THE RESERVE OF	
S WEST	1	201327		MORPH	OLOGY	10 And 11 A	BANGE I	3 176 20 3 8 1	the second
Channel Pa Cou Confine	Subdominant attern: Sinuou pling: Couple ment: Freque blogy: RP	ıs	D (cm): 8.	ne DIST	C2 C3	O1 B1 C4 C5	B2 B3 S1 S		Braid
LEE IL		- 1505	ight seek in the seek	CO	VER		o sessir		TT "01/3
Right Bank: Left Bank:	None Not Applicat Shape: ( Shape: (	Overhangi Texti Overhangi Texti		N   avel   Cobb	ND B N D le Boulde Boulde Boulde		DP N Manmade Manmade	OV IV N N	FSZ:  rown Closure 0%
Right Bank: Left Bank:	Rip.Veg: 0 Rip.Veg:	Grass	20.00	e: Non-vegeta e: Non-vegeta	ted or initi		g: None	Algae Moss	Vascular
100		Sapy ( ) st	X1- 10 ( ) 100	017 - N. A. S.	FEATU		The Boy Victor		
	NID Typ 25289 C Cascades a	80.0 at Lake outlet	Method Lg GE 125	Method AE	Photo R: 95 F:	25 L:	AirPl	noto #:	UTM (Z/E/N 9.625630.6037
	118	- I sares plan	-1755	F1	SH	E D	<sup>41</sup>	OR HALLES	
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Maximum Length (mm)
289	EF	1	125	179 sec	1000	NFC	0		

### Morice North Planning Area

Reach #

ILP Map#

ILP#

Site 289

6.0 093L.045 2593

A STATE OF THE PARTY	THE PERSON NAMED IN		1 1	1	it is		PR	OJE	C T			STATE OF			SMC			11/
Proje Stream Nar Project Watersh	ne (gaz.	): BUL		VER						000	F	roject Co	de:			5270		
			10 mg	TEXT OF	The same		WAT	ERS	HED	C. C. C.	100 mg			地位以	40-3	407	100	
Gazetted Name Watershed Code ILP Map# Field UTM (Z.E.N) GIS UTM (Z.E.N)	: 000-00 : 093L.0	)45	II	P#: 25			000-000- ap #: 09			NID#: 2	g: 125	e: Reac	h #: Metho	6. d: HC	0	Si	te #: 28 :: H	89
Participation and Property is														Ser.				
Da	te: 200	2/09/07	7	ime: 13	:45		Agency:			Crew:	SG/SH		Fish	h Crd?:	~	Inco	omplet	e:
1905	1.37			5088		A 310	romanno An-	ANN				dr. Se	= W. 1	ell, Mc		5.5		
01	Mtd	width	width	width	width	width	width	width	width	width	width	Avg	F 142	15 - 4 6	Gadie		Mtd	Avg
Channel Width (m): Wetted Width (m):	MS	2.30	4.20 3.50	2.80	3.20	4.10 3.20	2.90		-	+		3.43 2.95		thod II:	10.0	15.0	C	9.75
Pool Depth (m):	MS	0.20	0.20	0.10	0.20	0.40	0.40		-			0.25	- Mich	nou ii.	-	10.0		
					0070000		NO.	A Tarel		Service.	-			Vis.Ch.:	_	Intermitte		]
Wb Depth: COVER	.2	,2	.2 Tota	Avg al: T	g: 0.20		Method:	MS		Stage: L	М	<b>∨</b> H □	]	Dw:		Trit	bs.:	Ţ
Туре	SWE	TI	ND	В	U	DF		ov T	IV	☐ CR	OWN CL	OSURE						
Amount	-		N	D	S	N	_	N	N	- 0		0%						
Loc: P/S/O					V					INS	STREAM	VEG:	VV	AIN	1 -	۷П		
RIP	: G : INIT					31-0/-					RIP STG	: G : INIT					2	
				-24-			W	ATE	ĸ			7 70	350					
EMS: Temp: pH: Flood Signs:	7.2					Meth	od: T4 od: P2 od: GE			C	Req #: Cond.: 40 Turb.: T	_ M _	] L [	_ c		Metho	od: S3	
in the training	7		7	100	(DINING)	N.	ORF	HOL	OG	Y	1-638	and a	16.00		70	BASAGA	STE VIEW	
Bed Material:  D95:  Pattern: Islands:  Coupling: Confinement: FSZ:	20.0 SI N CO FC	Dominar D (cm	nt: C i): 8.00		Subdon Morph		1	DISTURI	BANCE TORS	01 C1	B1 C2 SID	B2 B C3 C		5 S1			\$4 	S5
S S AND THE SE	- C- 1/2 h			319131			FEA	TUR	FO			7 2 1	15 6 7			3 300	1	77700
Man I NID I	Tune I	No.	Math	d Park		Anthod			- 3		The second second second	boto.	3-39		ITM /7	(E/N)	V	Mathad
	Type C	Hgt 80.0	Metho	_	_	Method AE	R: 9	Photo 5 F:	25	L:	AirP	moto #:	-		JTM (Z/ 25630.6	6037177	+-	Method GIS
comments: Cascade				1 .	20	. 144	11 3	- 1.4	20			150		0.02	.5556.0			510
	100	in family			The Roll	HA	BITA	TOO	JAL	ITY	300	Rent Bass	ALC: ALC:	VEN NO		(3) /= (V)	435	127
Name	- 110				SK SU	司列。斯	的场景。			Commer	nte	H 30000				<u>=</u>		
Spawning Habita	at	None	- no grav	rel.					_	Commer	ita			-				
OverWinter Habit		_	- no poo		_		_											
Rearing Habitat		Poor -	no pool	and limi	ited cove	r.												

Morice North Planning Area

ILP Map #

ILP#

Site

6.0

Reach #

093L.045

1	-	0	r
14	Z	ö	٤

	Ph	oto	11000	Foc Lg	Dir	Comments
-1	_				Dii	
R:	95	F:	23	STD	D	Downstream photo of typical habitat with SH in photo
R:	95	F:	24	STD	U	Upstream photo of typical habitat.
R:	95	F:	25	STD	U	View of Cascades
1						COMMENTS
		Sec	tion			Comments
		CHAI	INEL	S6 - NFC, Ba	arrier downstrear	n.

## FDIS Fish Card

### Morice North Planning Area

Watershed Code:

000-00000-00000-0000-0000-000-000-000-000-000-000

Reach#

ILP Map #

ILP#

093L.045

336			S. Euro	Majir.	A Paris Control		WAT	FERE	3 O D	Y	Valvi	1 1 1	Tar year		
Gaz	zetted Name	:								Loca	al:				
F	Project Code	: 460-	000000-0	0000-00000	-0000-0000-	000-00	00-000-0	000-000	-0						
	WS Code	: 000-	000000-0	0000-00000	-0000-0000-	000-00	0-000-0	000-000	-000						
W	aterbody ID	:					ILP M	ap #: 0	93L.04	15		ILP#:	2593	Reach #:	6 -
	Project ID	: 5270	Lake/Stream: S Lake From Date:												
F	ish Permit#	: 14	5269	Date	2002/09/	07	To:	2002/	09/07	Age	ency:	C172	Crew: SG/S	SH Resa	mple:
-40				h de die	Contraction of	S	ITE	/ MI	TH	OD		Web Service	A PACTOR	100 m/h = 1	
Site#	NID Map	NIC	)#	UTM:Zone/E	ast/North/M	thd	MTD/	NO T	emp	Cond	Turb	oid		Comment	
289	093L.045	202	89			GPU	EF	1	4	40	С				
-		Will.				<b>A</b> .	GEA	RSI	TT	INGS	<b>E</b>		W 5 7		
Site#	MTD/NO	H/P	Date	In Time	In Date	Out	Time	Out				С	omment		
289	EF 1	1	2002/0	9/07 13:4	15 2002/	2/09/07 14:00									
-1/2				C.	ELECT	RO	FISH	HER	SPE	CIFI	CA	TIONS	100 pt	2 May 2	
Site#	MTD/I	10	H/P	Encl	Sec	I	ength	V	Vidth	Volt	tage	Frequency	Pulse	Make	Mode
289	EF	1	_ 1	0	179		125.0		1.5	10	00	60	6	SMITH	12B
776	0.50	7 3		THE PER		F	ISH	SUN	MA	RY	556		Y SHIP	Marian IV	37,40
Site#	MTD/N	10	H/P	Species	Stage	Ag	e	Total #	Lgi	th (Min/M	ax)	FishAct		Comment	
289	EF	1	1	NFC				0							



Site #289, Downstream photo of typical habitat with SH in photo Roll #95, Frame #23, Date: 2002/09/07



Site #289, Upstream photo of typical habitat. Roll #95, Frame #24, Date: 2002/09/07



Site #289, View of Cascades Roll #95, Frame #25, Date: 2002/09/07

# FDIS Reach/Site Summary

### Morice North Planning Area

Reach # ILP Map #

ILP#

8.0 093L.046

	12. WET 11. F		STR	EAMR	EFEREN	CING		1011		
Gazetted Na						ocal Name:				
Watershed C	Code: 000-00	0000-00000-00	000-0000-0000-00	00-000-000-0	000-000-000	ILF	Map #: 093L.0	46 II	.P#:	2868
		A ST. L. NO.		R	EACH	Mile Mile 3			W W	
Reach #: 8 Length (km) Gradient (%) US Elev (m) Bars: None	: 3.41 : 2.5 : 1172	Confin	UTM(Zone/East/N pupling: Coupled nement: Frequently slands: NONE  Mid-channel		Magnitude: Order: Riparian Veg		( iferous	Sample Type: BGC Zone: Open water: Ab		ed
100		Own HA	\$3.00 \$3.00	S	ITE		W. AR. W.	San All	X 200	1
Site #: Site Length			M 9.630002.60330			y: C172 cy Name: Trito		G/SH Date:	2002/09 Terrace)	9/07
THE THE	1000	h Za	n 19	CH	ANNEL	(4) (10)			0 80	317
No Vis.Ch.:  Dewatered:  Stage: Low  Med	□ Tr □ ✔	ibs.:	Channel Width (m): Wetted Width (m): lankfull Depth (m):	10.53 7 6.50 4	Min Max 7.6 13.80 1.2 8.5 0.3 0.5	# 6 6 3	Gradient % Pool Depth (m) Turb	0.45 0.300 idity.: Turbid		# 3 6 Low
High	T	emp (C): 5	pH: 6.8		Conductivi	ty: 80		Moderate		Clear
Channel Pa Coup Confine	Subdominant: attern: Regula pling: Couple ment: Freque blogy: RP	r Meanders d	D (cm): 12 Islands: No	ne Di	STURBANCE NDICATORS 1 C2 C	01 B1 3 C4 C	B2 B3 5 S1 S2	D1 D2 S3 S4	Br 03 S5	raid 🗸
3352	C = 10.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	皇的姓。	CC	VER			MAN THE		7
Total Cover: I LWD: J LWD Dist: Right Bank: Left Bank: Right Bank: Left Bank:	Abundant	loping (g Text loping (g Text	ture: Fines Gra ture: Fines Gra Stag	T vavel Cot	bble Bould	er Rock	T V V Manmade Manmade	DV IV T N Co	FSZ rown Clos 1-20	sure
										-
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	Annual Control of the Control of	mum h (mm)
290	EF	1	250	632 sec	700	NFC	0	congui (min)	Lengu	· (mm)
100 - 10 h	3 3 6 4 1	1 1	Test and the second		ISH		200 10 27		S. F.	1-31-9
Site Number	Capture Method	Number of Events	Length fished (m)	Total Time	Voltage	Species	Total Fish	Minimum Length (mm)	and the second second	mum h (mm)
458	EF	1	200	690 sec	600	NFC	0			

## Morice North Planning Area

Reach #

ILP Map #

ILP#

Site

8.0 093L.046 2868 290

Stream Name	Name: RFFHI withit (gaz.): BULKLEY FI Code: 460-000000	RIVER				00	Project Co	ode:	5270
Car Ja NE Said		。 西班際競響		NATE	RSHED		是 高级		
Gazetted Name: Watershed Code: 0 ILP Map#: 0 Field UTM (Z.E.N): 9 GIS UTM (Z.E.N): 9	.630002.6033074	0000-0000-0000-00 ILP #: 2868 Method: (	NID Ma	00-000-0 p #: 093l	046 1	Localida #: 20 Site Localida #: 20 Site Localida #: 20	g: 220		Site #: 290 Access: H
Date:	2002/09/07	Time: 14:15	А	gency: C	172	Crew:	SG/SH	Fish Crd?:	Incomplete:
- W. W. W. W.	10-465-44F				NNEL		Elle Strong Mosel		
7, 16000	Average and the same	totle in				21	181/05/1950	3 - W/W	
Channel Width (m): Wetted Width (m):	Mtd width width MS 9.70 12.10 MS 4.20 5.50 MS 0.40 0.40	7.60 10.50 5.20 7.10	width 13.80 8.50 0.30	9.50 8.50 0.50	width width	width	width Avg 10.53 6.50 0.45	Method II: 5.0	
Wb Depth:  COVER  Type: Amount: Loc: P/S/O: LWD: A  LB SHP: S  Texture: RIP: C  STG: M  EMS: Temp: 5 pH: 6. Flood Signs: Ri	.3 .5 .3  To  SWD LWD  T D  F G C   HF	Avg: 0.37  otal: M  B U S T  OIST: C	Method Method	ethod: I	V J IV	I INS	M M H DOWN CLOSURE 1-20% TREAM VEG:  RB SHP: S Texture: F RIP: C STG: MF	N 🗸 A 🗌 M 🗀	
Bed Material: D95: 3 Pattern: M Islands: N Coupling: Co	E 0	Subdom: 0 Morph:	:G	DI	STURBANCE NDICATORS Bars:	01 C1	C2 C3 C		D3 S2 S3 S4 S5 SPAN BR
Name Spawning Habitat	Good - abunc	dant gravel in pool i	and the second			T Y Commen	ds		
OverWinter Habitat	Good - peren	nial flows with abu	ndant po	ol habita	t in mainstem				
Rearing Habitat	Good - excell	ent off channel and	d side ch			cover and	d deep pools.		
The special section	Folkie W.	721-127-11	M	PH	OTOS		No. of the last	William Street	
Photo	Foc Lg	Dir					Commen	ts	
94 F: 01	STD	D	Down	nstream p	ohoto of typica	habitat v	with LWD.		
94 F: 02	STD	U	Upstr	eam pho	to of typical ha	bitat with	LWD (SH).		
94 F: 03	STD	U	Unstr	eam nho	to of typical ha	hitat thro	ugh braided sect	ion	

# Morice North Planning Area

ILP Map # Reach #

ILP#

Site

8.0

093L.046

2868

<b>一个全部国际全国</b>	COMMENTS
Section	Comments
CHANNEL	S5, NFC, Barrier downstream.

## **FDIS Fish Card**

### Morice North Planning Area

ILP Map #

ILP#

Watershed Code:

000-000000-00000-00000-0000-000-000-000-000-000

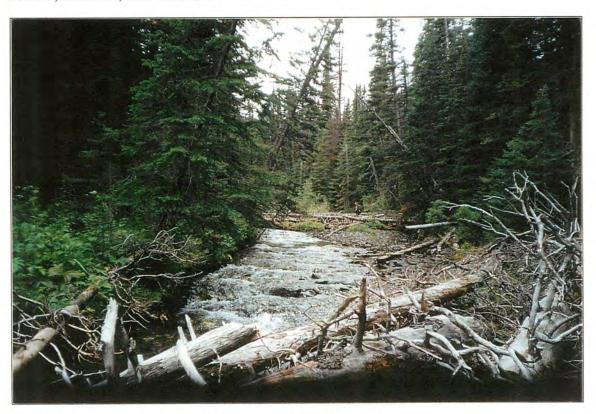
8.0

093L.046

		bor c			1,100			40	VV A	TER	BOL				1.61		0	100
Gaz	zetted Na	me:										Loc	al: E	merson Creel	K			
F	12000						000-0000											
				000000-	00000	-00000-0	000-0000	-000-00										
W	aterbody								ILP	Map #:	093L.0			ILP#:	2868	Reach #:	8 -	
	Projec	ID:	5270									Lake/St	ream:	S	Lake	From Date:		
F	ish Perm	it #:	14	5269		Date:	2002/09/	07	T	o: 2002	2/09/07	Ag	ency:	C172	Crew: SG/	/SH R	esample:	. [
	Se sure		1000		31.70	TO SETTING		S		/ M	FTH	O D			- 一种 高大品	150 / 100		
Site#	I NID M	an	NID	#	LITM:	Zono/Eo	st/North/M	EL CONTROL		D/NO I	Temp	Cond	Turt		700 HE W	Comment		E ,
290	2.00			_	T I	ZUNE/La	SUINOIUVIV	GPU	_	1 1	6	80	C			Comment		_
-021	1			NOT SELECT	3	Contraction of the Contraction o		_	_	ARS		INGS						
Site#	MTD/N	10	H/P	Date		Time I	n   Date	Out	31 -33						omment			
290	EF I	1	1	2002/0		14:00		09/07	Time Out		_				onment			
1000	Emple II	Ecu	7	2002	70101						SP	ECIFI	CA	TIONS	(S) (S) (S)	A William P		The State
Site#	Тмт	D/N	0	H/P		Encl	Sec		ength		Width	EN 357/1/0	tage	TO HE WAY	Pulse	Make		Mode
290	EF	T	1	1 1		0	632	_	250.0	_	9.0	_	00	Frequency 60	6	SMIT		12B
	1	1		-	-		002		200.0		0.0	1 '	00	1 00	1 0	ROO		120
- Alterna	76. g	15		7.71	12 V	alus I		F	ISH	SU	MMA	RY		TE 1/2/1	3/2	To an		1520
Site#	MT	D/N	0	H/P	Sp	ecies	Stage	Ag	e	Total:	# Lg	th (Min/N	lax)	FishAct		Commen	t	
290	EF	1	1	1	N	-C			-	0								



Site #290, Downstream photo of typical habitat with LWD. Roll #94, Frame #01, Date: 2002/09/07



Site #290, Upstream photo of typical habitat with LWD (SH). Roll #94, Frame #02, Date: 2002/09/07



Site #290, Upstream photo of typical habitat through braided section. Roll #94, Frame #03, Date: 2002/09/07