Appendix C

Field Notes





PROJECT #: 1636 74 NAME OF PROJECT: TIME STARTED: 11:07 TIME FINISHED: 11:63	
COLLECTORS: DATE:	7
COLLECTORS: STREAM ID#: _ DATE: 2016:06:06) <u>[</u>
WEATHER:	
Chercast 20°C	
LOCATION NAME OF WATERBODY: GENERAL AREA OF PROJECT LOCATION:	
CHAINAGE OR OTHER IDENTIFYING ATTRIBUTE:	
Miller Road, north of Frizzell Road	
GPS COORDINATES (ITM):	
44° 27' 7,64 N 77°0'10,10 W	
LAND USE AND POLLUTION SURROUNDING LAND USE: SOURCES OF POLLUTION:	
D. C. D. C.	
Kesidential - Koad Kun JTT	
EXISTING STRUCTURE TYPE (IF ANY)	
Other O Describe: Size (w x h) m ² S x 2 M	
SECTION TYPE AND MORPHOLOGY	
TYPE: Stream / river Channelized Permanent Intermittent Ephemeral ASSOCIATED WETLAND:	
o o o crtrown	
HYDRAULIC HEAD (mm):	
Habitat Type Substrate Mean width Mean depth Mean Mean Oth	 Эг
Run, Pool, Riffle, Flat? wetted (m) wetted (m) bankfull bankfull	
width (m) depth(m)	
F/G+ S140CL30 7.5 0.50 8.5 0.75	
1 100 1 1 5×40 V 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Bedrock Boulder Cobble Gravel Sand Silt Clay Muck Detritus Br Bo Co Gr Sa Si Cl Mu D	
S. S	
BANK STABILITY	
Eroding Vulnerable Protected Deposition Zone Angle>45°, erodible Angle>45°, erodible Angle>45°, non-erodible Angle<45° (gradual s	
Angle>45°, erodible Angle>45°, erodible Angle>45°, non-erodible Angle<45° (gradual s soil, undercut or soil, no sign of recent material/soil fine grained sedime	
bare soil erosion	IIIS
Left Upstream Bank O O	
Pight Ungtreem Book	
Right Upstream Bank O O O	one
Right Upstream Bank O O O HABITAT IN-STREAM Undercut banks COVER banks O O O O O O O O O O O O O O O O O O O	one
Right Upstream Bank O O HABITAT IN-STREAM Undercut banks (check all banks linstream linstrea	one
Right Upstream Bank O O HABITAT IN-STREAM COVER (check all that apply; D Right Upstream Bank O O O O O O O O O O O O O	one
Right Upstream Bank O O HABITAT IN-STREAM Undercut banks (check all banks linstream linstrea	опе

/o Sulealli s	OVER shaded):	100 – 90 O	%	90 - 60% 60- 30% O				30 – 1% O		ne)
EGETATIO	ON TYPE	Lib.	mergent	1 10 %	Floating			Emergent		None
	edominant Species	Eet	gress Wi	ld (elery		-	_			
GRATORY STRUCTION		None	4		Seasonal/Ten	nporary	<u>\</u>	Permaner	nt -	
TENTIAL RITICAL HA	BITAT	Spawning		E	Evidence of G	Froundwa	iter	Other	To the same	
RIPARIAN	сомми	VITY								
			TIV.		Dominant \	/egetatio				
			Upstream Ba					Right Upstre		
Riparian Zone	None	Cultivated	Meadow	Scrubland	d Forest	None	Cultivated	Meadow	Scrubland	Fores
1.5-10 m				/					✓	
10-30 m				/		Rosid	Di. bro			V
30+ m										V
IOTOGRAF								1070 #		/ii
STREAM		6163 0#: 6115					AM BANK PHEAM BANK P			
HER PHO		J#. UII			TRIOT	1 01 011	LAN DAN	11010 #.		
MMENTS,		NG POTENTIAI	_ ENHANCEN	MENT OPP	ORTUNITIES					
-210										
-210										
-21°										
-21°										
-21°										



GENERAL INFO	ORMATION	III DE COMPLES CONTRACTO	ore was						Particular Particular Science		
PROJECT #:	3674	NAME OF	PROJEC	CT:	TIME STAR	TED:	ין	IME FIN			
	130//	1 coyali	of all	ar	CTDE	AM ID	<u></u>	DATE	17.00	-	
COLLECTORS:	Cale		N a				reek-D/	DATE	2016	~1	7
WEATHER:	Luce		1309	MAL	ACTII.	10115	LIERN - UI)	2010	10-	01
WEATHER.	Overcas	t. 20°	C								
LOCATION	1										11
NAME OF WAT	ERBODY:	GENERA	L AREA	OF PROJEC	T LOCATION	:					
Onknown		Or	tskirt	2 of	Tam	han	h				
CHAINAGE OR	OTHER IDEN	TIFYING ATTR									
Miller	Road	North	n 00	fr-n7 1	zzell	Roa	d				
GPS COORDINA	ATES (UTM):	Litro		1 4				100			
		W40 271.	7.64	V 1	70010	1.101	U				
LAND USE AND								1	1	$\square \mathbb{L}_{v}$	
SURROUNDING	LAND USE:				URCES OF F						
D	1.1.	1			oad 1	unaf	升				
Ne	sidentia					- 7-0-1				_	
EXISTING STRU	JCTURE TYPE	(IF ANY)									1, 1
Bridge Ø		Box CulvertO		Open Foot C	ulvert O		CSP O		N/A	O	
								_			
Other O Descr	ibe:						Size (w x h) m ²	mx 2.	m	
SECTION TYPE	AND MORPH	OLOGY		1 -							/ v
TYPE: Stream	m / river Ch	annelized	Permane	nt Inte	rmittent	Epheme	eral ASSC	CIATED	WETLAND:		
	0	0	0	1 1	0	0					
HYDRAULIC HE		1									
Secure divinocionale della constitución	· / /	0									
Habitat T	ype S	ubstrate	M	ean width	Mean d	epth	Mean		Mean	(Other
Run, Pool, Riff	fle, Flat?	15% S	- 10 M	etted (m)	wetted	(m)	bankfull		bankfull		
	6	r- Mu	-10		_	5.25	width (m)	C	lepth(m)		
		0-400-		7	0.30	2	9	0	1,65		
	S		-10						7	_	
Bedrock	Boulder	Cobble	Gravel	San	L.	ilt	Clay	Mu	and the second	Detri	
Br	Во	Со	Gr	Sa		i .	CI	IVI	u		
BANK STABILI	TY										
		Erodin	g	Vulne	erable		Protected	516		sition Z	
		Angle>45°, e			o, erodible	Angle	e>45°, non-er	odible	Angle<45°		
		soil, under			n of recent		material/soil		fine grain	ned sed	liments
1 1 6 110	-terran Bende	bare so		eros	sion						
17	stream Bank	ø			7		0			0	
S Right Up	stream Bank	0			9		0			0	
HABITAT		-X /	·								
IN-STREAM	Undercut	Boulders	Cobb	le Wood	y Debris		Organic	Vascul	ar Macrophy	tes	None
COVER	banks				,		debris		/ 4		
(check all		V		Instrea	am 🗸		. /	Instrea	m VD		
that apply; D					. /		~		/		
is for				Overh	anging 🗸			Overna	anging 🗸		
dominant cover):											

SHORE COVER 100 (% stream shaded): VEGETATION TYPE			0 %	90 – 60 O	0%	60- 30% O		30 – 1%		one O
	N TYPE	Su	bmergent		Floatin		3	Emergent		None
	edominant Species	mie	aler	y	yellow	p. lil	4	-		
IIGRATORY BSTRUCTION		None	_		Seasonal/Te	mporary		Permanei	nt	
OTENTIAL RITICAL HA	BITAT	Spawning	[Evidence of	Groundwa	iter	Other		
RIPARIAN	сомми				, I				/	
			100	67.	Dominant	Vegetatio	1.000.000	13		115
			t Upstream E	-			-	Right Upstre	3111211-1111-1111-1111-1111-1111-1	Y II-
Riparian Zone	None	Cultivated	Meadow	Scrut	pland Forest	None	Cultivated	Meadow	Scrubland	Fores
1.5-10 m			<i>i.</i>					War.		
10-30 m	lawn									
30+ m	James.	. 7.	14			Tesideni	al			
HOTOGRAF	HIC REC	ORD:						1 -		-
PSTREAM F	900000	RESIDENTIAL			LEF	T UPSTRE	AM BANK PH	IOTO #:		
OWNSTREA	M PHOTO) #:			RIGI	IT UPSTR	EAM BANK F	РНОТО #:		
THER PHOT	ΓO #S:									
> fu man	h wai	tes mi	usela bank	mes	PPORTUNITIES 2000 11 mad	den	notre	un (1	och	



GENERAL INF	ORIVIATION			L							
PROJECT #:	16361	NAME OF	PROJECT	2000	TIME STAR	TED:	1	TIME FIN	ISHED:		
COLLECTORS:		1			STRE	AM ID	#: Creek - UK	DATE		2h-C	,7
MEATHER	CCE. H	, L.) (V	4.4	- 1-	ren	neilo	LIEEN OIS		2000		
WEATHER:	Iver Cest	· (1	5/7/1	Ø							
LOCATION											
NAME OF WAT	ERBODY:	GENERA	L AREA C	F PROJEC	T LOCATION	li.	1				
Onknow	\sim		uts Kr	ts 0	f tam	NATH	h				
CHAINAGE OR		TIFYING ATTR	IBUTE:		- 17		1407	7711 V			
Miller	Road,	north	of 3	Tizze	11 Ro	ad					
GPS COORDIN	ATES (UTM):	-	071-	276 11	_1.	70 3	/ 1// 12				
		44	27'7.	64 N		10	10,10w				
LAND USE AND	netro reconstructor						TION.				
SURROUNDING	18 - 11 -			so	URCES OF	POLLUI	LON:				
Level bou	iol				KONY IF	un jo	most				
AGRICUI GE	(~	Marian	Olicel	IN-014				
EXISTING STR	UCTURE TYPE	(IF ANY)		10.00							
Bridge O		Box CulvertO		Open Foot C	ulvert 🗸		CSP O		N/A	A O	
Other O Descr	iba: O.		694.	**			Size (w x h	2			
SECTION TYPE		a core	\sim				Size (w x n) m			
, a		annelized	Permaner	nt Inter	mittent	Epheme	eral ASSO	CIATED	WETLAND		
TIPE: Suear	ni / nyei Ci		/			•	erai / 1.000				
	V	0	0		0	0					
HYDRAULIC HE	EAD (mm):)									
Habitat T	vpe S	ubstrate	Me	an width	Mean o	epth	Mean		Mean	C	Other
Run, Pool, Rif			We	etted (m)	wetted	-	bankfull	t	oankfull		
			1.00				width (m)	d	epth(m)		
D	.5	H35 bion	1-10	.2	0.40		7	A	70		
m	- 0	40-56h	P	۵	0.70	'	1	U,	.10		
Bedrock	Boulder	Cobble	Gravel	Sand	d S	ilt	Clay	Mu	ck	Detri	tus
Br	Во	Co	Gr	Sa		Si	CI	M	u 📗	D	
BANK STABILI	TY										
		Erodin	a	Vulne	rable	i i	Protected		Derio	sition Z	one
		Angle>45°, e			°, erodible	Angle	e>45°, non-er		Angle<45°		
		soil, underc		soil, no sig		"	material/soil		fine grai		
		bare so	il	егоз	sion				-15		
Left Up	stream Bank	0		C)		0		- 11, '	0	
Right Up	stream Bank	О		C			0			0	_
HABITAT						//					
IN-STREAM	Undercut	Boulders	Cobble	Woody	Debris		Organic	Vascula	ar Macrophy	ytes	None
COVER	banks						debris				
(check all				Instrea	ım V		/	Instrea	m V		
that apply; D			\X		_				. /	,	
is for			7,	Overha	anging			Overha	nging		
dominant cover):											
001017		1	1								

	OVER	100 – 90	%	90 - 60%		60-30%		30 – 1%/		None
(% stream s	haded):	0		0		A.		0/		0
VEGETATIO (D for dom		Sub	mergent		Floatir	ng		Emergent	W()	None
Pre	dominant Species	D-Kels	gers/ M	ds A	started		Como	n Ata	. /	
IGRATORY BSTRUCTIO	NS:	None			Seasonal/Te	mporary	1.2	Permanei	nt	
OTENTIAL RITICAL HA IMITING:	BITAT	Spawning	owney		Evidence of	Groundwate	er	Other		
RIPARIAN	COMMUN	NITY								
		1 -64	Upstream E	ly English	Dominant	Vegetation		Right Upstre	am Bank	
Riparian Zone	None	Cultivated	Meadow	Scrublar	nd Forest	None	Cultivated	Meadow	Scrubland	Fores
1.5-10 m		5	3-). 3	Selville	1 1				1	455
10-30 m					/	Rosidotal			-	
30+ m						Residen		- 41	1	
HOTOGRAP	HIC REC	ORD:						1, 1	6	
PSTREAM P						T UPSTREA				
PSTREAM P OWNSTREA THER PHOT	M PHOTO) #:				T UPSTREA HT UPSTREA			×1	
OWNSTREA	M PHOTO		ENHANCE	MENT OP	RIGI	HT UPSTRE				
OWNSTREA	M PHOTO) #: NG POTENTIAL	. ENHANCE	MENT OPP	RIGI	HT UPSTRE				
OWNSTREATHER PHOT	M PHOTO	NG POTENTIAL	Ţ		RIGI	HT UPSTRE	AM BANK P	НОТО #:		
OWNSTREATHER PHOT	M PHOTO	NG POTENTIAL	Ţ		RIGI	HT UPSTRE	AM BANK P	НОТО #:		
OWNSTREATHER PHOT	M PHOTO	NG POTENTIAL	Ţ		RIGI	HT UPSTRE	AM BANK P	НОТО #:		
OWNSTREA THER PHOT OMMENTS,	M PHOTO	O bsd	Ţ		RIGI	HT UPSTRE	AM BANK P	НОТО #:		
OWNSTREATHER PHOTO	M PHOTO TO #S: INCLUDIN	O bsd	Ţ		RIGI	HT UPSTRE	AM BANK P	НОТО #:		
OWNSTREA THER PHOT OMMENTS,	M PHOTO TO #S: INCLUDIN	O bsd	Ţ		RIGI	HT UPSTRE	AM BANK P	НОТО #:		



GENERAL INF	ORMATION	.,									
PROJECT #:	163674		F PROJEC		TIME STAR	7			IISHED: U	43	
COLLECTORS	Cake Has	In + Se	er Rob	DIASON	STRE	AM ID	#: River	DATI	2016.	08.	23
WEATHER:	Sunny	2/100		00	1						
LOCATION	0011119	04 100	OL.			-					
NAME OF WAT	TERBODY:	GENERA	L AREA C	F PROJECT	LOCATION	:					
- 1	River	50,11	<i>(</i> 2)	Shedial	d his	1.0 C	oud Past	the by	ider by	721	
		ITIFYING ATTE	URLITE:	Quelle	d Did	ye i	DOLL ITTO	, - 01	mgc 0/	1000	
Located		nest of		reld bri	lde ri	al					19
GPS COORDIN					20	27		x			
LAND USE AN		181	3418	98.57	E 4	974	398,88	3 N		-	
SURROUNDIN				SOL	IRCES OF P	OLLUI	TION:				
				- Q	red Ru	209	F				
				1							
EXISTING STR	UCTURE TYP	E (IF ANY)			= 1 1 1						
Bridge (Box CulvertO		Open Foot Cu	lvert O		CSP O		N/	A O	
Bridge (BOX Culverto		ppen root ou	IVEIL O		T -		13//		
Other O Desc							Size (w x h) m ²			
SECTION TYP	The state of the s		1400				LASSO	CLATER	WETLAND		
TYPE: Stream	m / river C	hannelized	Permaner	nt Intern	nittent	Epheme	VIU.			8	
	0	0	0	()	0	1	ングドン	1000		
HYDRAULIC H	EAD (mm):)									
11-1-14-47		Substrate	Me	an width	Manad	41-	14		Mass		O4h
Habitat 1 Run, Pool, Ri	ypc	Substitute		etted (m)	Mean d		Mean bankfull		Mean bankfull		Other
rtan, r ooi, rti	ille, i lati	26			Wetted	····/	width (m)		depth(m)		
X	5	11 1 BOCO	25 -	1/	20.0						
Hat	5	do DID	0	26	0.9		30	1	. 9		
Bedrock	Boulder	Cobble	Gravel	Sand	Si	lt	Clay	Mu	ick	Det	ritus
Br	Во	Co	Gr	Sa	S		CI		lu)
DANK CTARK	ITV						-				
BANK STABIL	11 Y	Erodin	o l	Vulner	able		Protected	7	Dono	sition 2	'one
		Angle>45°, e		Angle>45°,		Anal	e>45°, non-ero	ndible	Angle<45°		
		soil, under		soil, no sign		, mg	material/soil	Julio	fine grai		
		bare so		erosi							
Left U	ostream Bank	0		0			0			0	
Right U	pstream Bank	0		Ø			O			0	
HABITAT			· · · · · · · · · · · · · · · · · · ·					11			
IN-STREAM	Undercut	Boulders	Cobble	Woody	Debris (/		Organic	Vascul	ar Macrophy	ytes	None
COVER	banks			1			debris		. /		
(check all		. /	1 ,/	Instream	n 🗸			Instrea	m V		
that apply; D							✓		. 🗸		
is for				Overhai	nging \checkmark		1	Overha	anging		
dominant cover):											

	OVER	100 – 90	%	90 – 60°	%	60- 30%		30 – 1%	N	one
(% stream s	haded):	0		0		0		0		0
VEGETATIO		Sub	omergent		Floatin	g		Emergent		None
Pre	dominant Species	Canala wa	trueel	A	oteroesect o	~	Broulter	telarion	hec)	
MIGRATORY DBSTRUCTIO	NS:	None		•	Seasonal/Ten	nporary		Permaner		
POTENTIAL CRITICAL HA	BITAT	Spawning			Evidence of 0	Groundwa	iter	Other		
RIPARIAN	COMMUN			-					-	
				J-36T	Dominant \	/egetatio		1	L011	
<u> </u>	None	Left Cultivated	Upstream	Bank Scrubia	and Forest	None	Cultivated	Right Upstre	am Bank Scrubland	Fore
Riparian Zone	None	Guitivateu	/ /	W	and Torest	None	Cultivateu	Weadow	Scrubianu	·
1.5-10 m			V							
10-30 m					/					-
30+ m					/					V
HOTOGRAP	HIC RECO	ORD:								i.
IPSTREAM P	НОТО #:						AM BANK PH			
OWNSTREA	PHOTO #: M PHOTO) #:					AM BANK PH EAM BANK P			
	PHOTO #: M PHOTO) #:								
OWNSTREA OTHER PHOT	PHOTO #: M PHOTO O #S:		_ ENHANCE	EMENT OF		T UPSTR				
OWNSTREA THER PHOT	PHOTO #: M PHOTO O #S:	IG POTENTIAL			RIGH	T UPSTR				
OWNSTREADTHER PHOTO	PHOTO #: M PHOTO O #S: INCLUDIN	IG POTENTIAL			RIGH	T UPSTR	EAM BANK P			
OWNSTREAD THER PHOTO	PHOTO #: M PHOTO O #S: INCLUDIN	IG POTENTIAL			RIGH	T UPSTR	EAM BANK P	НОТО #:		
COMMENTS,	PHOTO #: M PHOTO TO #S: INCLUDIN	F FISL I			RIGH	T UPSTR	EAM BANK P	НОТО #:		
COMMENTS,	PHOTO #: M PHOTO TO #S: INCLUDIN	F FISL I			RIGH	T UPSTR	EAM BANK P	НОТО #:		
OOWNSTREAD THER PHOT COMMENTS,	PHOTO #: M PHOTO TO #S: INCLUDIN	F FISL I			RIGH	T UPSTR	EAM BANK P	НОТО #:		
OWNSTREAD THER PHOTO OMMENTS,	PHOTO #: M PHOTO TO #S: INCLUDIN	F FISL I			RIGH	T UPSTR	EAM BANK P	НОТО #:		
OWNSTREAD OTHER PHOTO OMMENTS,	PHOTO #: M PHOTO TO #S: INCLUDIN	F FISL I			RIGH	T UPSTR	EAM BANK P	НОТО #:		
OWNSTREAD OTHER PHOTO OMMENTS,	PHOTO #: M PHOTO TO #S: INCLUDIN	F FISL I			RIGH	T UPSTR	EAM BANK P	НОТО #:		
OWNSTREAD THER PHOTO OMMENTS,	PHOTO #: M PHOTO TO #S: INCLUDIN	F FISL I			RIGH	T UPSTR	EAM BANK P	НОТО #:		



GENERAL IN	IFORMATION	N									
PROJECT #:	1636	H NAME	OF PROJECT	ECT: Solar	TIME STAF	STED:			3'05		
COLLECTOR	S:	Hartin			stre Sa	EAM ID Imon	#: River-U/S	DAT	E: 2016-	06	-20
WEATHER:	C	y2/100	70	200							
LOCATION	Sour	421100	<u>C</u> ~	1							
LOCATION NAME OF WA	TERRODY	GENE	AL ADEA	OF PROJEC	T LOCATION	l.					
	River						- Oct ar	io			
CHAINAGE O	R OTHER ID	ENTIFYING AT	TRIBUTE:								
Soull	on Te	skey Rd	i und	11 you	, hita	pes	due Clos	sing t	he sol	MON	2iver
			34-2	427.80	IE 4	9199	61.59 N				
LAND USE AN	ND POLLUTI	ON		60	NIDOES OF I	201111	TION				
SURROUNDIN	ICU I PO	sidential			ROLL R						
Agricon	0,000	3, - 1		3	KULA RU	NOT	9				
EXISTING ST	RUCTURE T	YPE (IF ANY)									
Bridge	0/	Box Culver	0	Open Foot 0	Culvert O		CSP O		N	/A O	
					1		1	2 1			
SECTION TYPE		un strec					Size (w x h) m²	9.X	1.6	
	am //fiver	Channelized	Perman	ont Into	rmittent	Ephem	oral ASSC	CIATED	WETLAND):	
TIPE. Sue	allivilvei		Peliliali				J	Krow			
HYDRAULIC I	4EAD (mm):	0	0		0	0	UII	KINA	1 .		
TIT DI ANGLIO	1270 (IIIII).	7									
Habitat		Substrate		Mean width	Mean d	•	Mean		Mean		Other
Run, Pool, R	iffle, Flat?		'	vetted (m)	wetted	l (m)	bankfull		bankfull		
		(1)0/00	2 100				width (m)		depth(m)		
Flat		2/25/10	30	2214	1711	1	2419		7m		
Bedrock	Boulder	Cobble	Grave	San	d S	ilt	Clay	Mu	ıck	Det	ritus
Br	Во	Co	Gr	Sa		Si	CI		lu		D
BANK STABIL	₋ITY										
		Erod	ing	Vulne	erable		Protected		Dep	osition 2	Zone
		Angle>45°		_	5°, erodible	Angl	e>45°, non-ero	dible			ual slope),
		soil, unde			n of recent	1	material/soil		fine gra	ined se	diments
Left U	lpstream Ba	bare nk			on O		0			0	
Right U	pstream Ba		/		0		0			0	
HABITAT		*						<u>.</u>			
IN-STREAM	Undercu	it Boulders	Cobi	ole Wood	y Debris	Î	Organic	Vascul	ar Macroph	ytes	None
COVER	banks						debris				
(check all				Instrea	am 🗸		, .	Instrea	m C		
that apply; D					/				. /	,	
is for dominant				Overh	anging 🗸			Overha	anging ~		
cover):											0

(% stream s	OVER	100 – 90	%	90 - 60	%	60- 30%		30 – 1%	No	ne
	haded):	0		0		0		0		
VEGETATIO		Sub	mergent		Floatin	3		Emergent		lone
	dominant Species	AN ILL DIOS	7				5/8/ A	110- Led	ß	
IIGRATORY	Openica	None	/		Seasonal/Ten	porary		Permanen	it	
BSTRUCTIO	NS:				_		æ	-	-	
OTENTIAL RITICAL HAI	BITAT	Spawning Police	ly Cypri	ndae	Evidence of C	iroundwa	iter	Other		
RIPARIAN	COMMU	NITY						<u> </u>		
		Left	Upstream I	Bank	Dominant \	/egetatio		tight Upstrea	am Bank	
Riparian	None	Cultivated	Meadow	Scrubi	and Forest	None	Cultivated	Meadow	Scrubland	Fores
Zone				~						
1.5-10 m				~						~
10-30 m					/					
30+ m										
I II all										
HOTOGRAP PSTREAM P		12 12 12 12 12 12 12 12 12 12 12 12 12 1	27.2		LEET	UPSTRE	AM BANK PH	ото #: 🤝	MGP636)4
OWNSTREA	M PHOTO	D#: JMGR	C324	- i	RIGH		EAM BANK P			23
CITIOINEM		MI-D (-2	128 C1	Bridge	e)					
THER PHOT	O #S:	FIVOT 8.		0						
THER PHOT			ENHANCE	MENTO	PPORTLIMITIES					
THER PHOT			. ENHANCE	MENT O	PPORTUNITIES	#				
OMMENTS,	INCLUDII	NG POTENTIAL			PPORTUNITIES	j.				
OMMENTS,	INCLUDII	NG POTENTIAL			PPORTUNITIES	*				
OMMENTS,	INCLUDII	NG POTENTIAL			PPORTUNITIES	*				
OTHER PHOT	INCLUDII	NG POTENTIAL			PPORTUNITIES					
OMMENTS,	INCLUDI	NG POTENTIAL	sobsec	ved						
OMMENTS,	INCLUDI	NG POTENTIAL	sobsec	ved			لم المحمل			
OMMENTS,	INCLUDI	NG POTENTIAL	sobsec	ved			hooldag			
OMMENTS,	INCLUDI	NG POTENTIAL	sobsec	ved			hooling			
OMMENTS,	INCLUDI	NG POTENTIAL	sobsec	ved			hooldag			
OMMENTS,	INCLUDI	NG POTENTIAL	sobsec	ved			hooling			
OMMENTS,	INCLUDI	NG POTENTIAL	sobsec	ved	PPORTUNITIES		hooling			
OMMENTS,	INCLUDI	NG POTENTIAL	sobsec	ved			hooldag			
OMMENTS,	INCLUDI	NG POTENTIAL	sobsec	ved			hooling			
OMMENTS,	INCLUDI	NG POTENTIAL	sobsec	ved			hooling			
OMMENTS,	INCLUDI	NG POTENTIAL	sobsec	ved			hooldag			
OMMENTS,	INCLUDI	NG POTENTIAL	sobsec	ved			hooling			



GENERAL INF	ORMATION						μ. –				
PROJECT #:	16367	LOYAL	FPROJE	CT:	TIME STAR	F		IME FIN	ISHED:		
COLLECTORS:	Cdet				Saln	AM ID	#: , ver - D/s	DATE	206-0	o6-8	90
WEATHER:		11000	7000								
	うしし 子	1000	216			_					
LOCATION	EDDODY.	OFNED	AL ADEA	OF BBO IFOT	LOCATION	r:					
NAME OF WAT	ERBUDT:	Out	AL AREA	OF PROJECT	LOCATION		tuch				
CHAINAGE OR				00 100	V MOCIT	U	Natio				
Southo				Vov B	hit a	bei	(se co	551 NG	the s	climo	n Rive
GPS COORDIN	ATES (UTM)	181	234	2450	1 4	91	9560				
LAND USE AND	POLLUTIO	N		7							
Agricult	LAND USE	lated is		SOL	DALG RU	OLLUT	CION:				
Agricon	Les IN	22/ cic		1	COLD INO	110(`				
EXISTING STR	UCTURE TYP	PE (IF ANY)									
Bridge O		Box Culvert	0	Open Foot Cu	ulvert O		CSP O		N/	ΑО	
Other O Descr	ibe: Dol	-n Stree					Size (w x h)	m ²	9x1.6	14:	
SECTION TYPE	AND MORF	HOLOGY									
TYPE: Stream	m / river (Channelized	Permane	ent Interr	mittent	Epheme	oru.	1	WETLAND	:	
	0	0	0		0	0	U~	MUL	<i>i</i> h		
HYDRAULIC HE	EAD (mm):	0							n n		
Habitat T	уре	Substrate		lean width	Mean d	lepth	Mean		Mean		Other
Run, Pool, Rif	fle, Flat?		, w	etted (m)	wetted	l (m)	bankfull		pankfull		
		126/- 20	_		1		width (m)		lepth(m)		
FL	⊢	8131 (O 24		2/17	1 > /1	4	2	1	.4		
Padrock		Cobble		Sand	, ei	ilt	Clay	Mu	ck	Dot	ritus
Bedrock Br	Boulder Bo	Cobble	Gravel Gr	Sand		Si	Cl	M			D
BANK STABILI	TY										
57,1111 577,1512.		Erodi	na	Vulner	rable		Protected		Depo	sition Z	Zone
		Angle>45°,		Angle>45°		Angle	e>45°, non-ero	dible	Angle<45		
		soil, unde	rcut or	soil, no sign			material/soil		fine gra	ned se	diments
		bares	soil	eros	ion						
	stream Ban	0	/	0)		0			0	
	stream Ban	k &		0			0			0	
HABITAT			-				The state of the s				
IN-STREAM	Undercut	Boulders	Cobb	le Woody	Debris		Organic	Vascul	ar Macroph	ytes	None
COVER	banks			Innter-	/		debris	Instrea	m !/	j	
(check all that apply; D			/	Instream	III *			mstrea			
is for		V		Overha	nging 🔾			Overha	ingina 🖊	/	
dominant					aa				u -u /		
cover):	1										

(% stream sh VEGETATION (D for domin		0		_						
(D for domin	I TVDE			0		0		0		0
0		Sub	mergent		Floating	3		Emergent		None
	dominant Species				,	_	largetru	idel Bur	reel	
IGRATORY BSTRUCTION	NS:	None			Seasonal/Ten	porary		Permaner	nt	
OTENTIAL RITICAL HAB MITING:	BITAT	Spawning Low poles	HILCMU	H	Evidence of G	roundwa	ater	Other		
RIPARIAN C	COMMUN	IITY								
السوار			0.513	100	Dominant \	egetatio	n Type	1,77	W III	
		Left	Upstream E	lank	15.7		R	light Upstre	am Bank	
Riparian Zone	None	Cultivated	Meadow	Scrubi	and Forest	None	Cultivated	Meadow	Scrubland	Forest
1.5-10 m			X	~				1	~	
10-30 m			✓			14				
30+ m			✓							
HOTOGRAPH PSTREAM PH		ORD:	(2)3		Lier	LIDETDE	AM BANK PH	юто.#. (395	
OWNSTREAM			2 (35/	4			EAM BANK P		704	
THER PHOTO	2.46.	1	P. W. C	-	•					
		suidge:								
DMMENTS, IN	NCLUDIN	G POTENTIAL	. ENHANCEI	VIENT O	PPORTUNITIES:	<u> </u>	E1=8,11			
2400	_									
					clo-DIS					re
1/24 acy	t, che	using to	bearel	and a	flow obe	ervey	, 500 8	icate i	15 cl 50 11	ţ.



GENERAL IN	FORMATION											
PROJECT #:	16367	NAME!	of Solu	CT:	Т	IME STAR	SPY	\ 1		2:00		
COLLECTOR	s: Cole)	lactin				Salm	am ID	#: wer- I	DATE	Zollo	-06	0,90
WEATHER;	Sunny	2/100	٠. ح	2900								
LOCATION												
NAME OF WA	TERBODY:					OCATION						
Salmon	RINE	00	stirds	Cut a	Tam	worth	Or	Dario				
		ENTIFYING ATT										
South	on Tes	key Rou 1): 18To	المن لم	1 you) hit	ta bil	due	Cossing	fle	Schon	21/2	/
			342	411	L	1919	5 <u>5</u> 1		0			
LAND USE A									_			
SURROUNDI	NG LAND US	E: 1			SOUP	rces of P	-1-1 OLLU	IION:				
Agricultu	ci / Kesi	MUNICI			- KO	100 m	-011					
EXISTING ST	RUCTURE T	PE (IF ANY)										
Bridge	0	Box Culvert	0	Open Fo	oot Culv	vert O		CSP O		N/A	4 O	
	cribe:							Size (w x h) m ²	91X1.61	1-	
SECTION TY								. LASSO	CLATER	WETLAND:		
TYPE: Stre	eam / river	Channelized	Perman	ent	Intermi	ittent	Ephem	eral A33C	CIATEL	WEILAND.		
	Ø	0	0/		0		0					
HYDRAULIC	HEAD (mm):	D										
Habitat	Type	Substrate	B	Mean wid	ith	Mean de	epth	Mean		Mean		Other
Run, Pool, R	• •		٧	vetted (n	n)	wetted	-	bankfull	1	bankfull		
- 1		6:35 C = "		2 2				width (m)		depth(m)		
Flat		Sizs Co a	10	735	1	0.7		25W	8	7.18 . 2		
Bedrock Br	Boulder Bo	Cobble Co	Grave Gr		Sand Sa	Si S		Clay Cl		ıck lu		ritus D
BANK STABI	ITY											
BANKOTABI		Erod	ina	V	'ulnera	ble		Protected		Depo	sition 2	Zone
		Angle>45°				erodible	Angl	e>45°, non-ero	odible	Angle<45°		
		soil, und		_		of recent		material/soil		fine grai	ned se	diments
		bare	soil		erosio	n						
	Jpstream Ba	9	/_		0			0			0	
	Jpstream Ba	nk Q			0			0			0	
HABITAT	1			. 1				0		M	da =	N
IN-STREAM	Undercu	it Boulders	Cobl	ble W	oody D	ebris		Organic debris	vascu	ar Macroph	ytes	None
COVER (check all	banks			/ In	stream			ueuris	Instrea	m /		
that apply; D			6	/ '''	au caill	¥			11131166	*		
is for				0	verhan	ging 💎	/		Overh	anging 🗸	_	
dominant										'		
cover):	1											

SHORE C		100 – 90	%	90 - 60%	/ ₆	60- 30%		30 – 1%	N	one
(% stream s	shaded):	0		0		0		0		0
VEGETATION (D for dom		Sub	mergent		Floatin	g		Emergent		None
Pre	dominant Species						Burre	ed Pic	teralheed	
IIGRATORY BSTRUCTION	ONS:	None			Seasonal/Ter	nporary		Permaner	40	
OTENTIAL RITICAL HA	BITAT	Spawning Low pole	fid (Muc	JK)	Evidence of 0	Froundwa	ater	Other		- V
RIPARIAN	COMMUN	NITY			VII.					
				THE PARTY	Dominant '	/egetatio	n Type	11/2/17	XII.	100
		Left	Upstream E	Bank			F	Right Upstre	am Bank	400 EM
Riparian Zone	None	Cultivated	Meadow	Scrubla	Forest	None	Cultivated	Meadow	Scrubland	Fores
1.5-10 m							7)			
10-30 m										
30+ m			/							
L HOTOGRAP	HIC BECO)PD·								
PSTREAM F		1461	5 6520	,	LEFT	UPSTRE	AM BANK PH	ЮТО #:	IMBP 6	214
OWNSTREA	м РНОТО		26331				EAM BANK P	ното #:	21101 0	21
THER PHOT	O #S:	Bridge	IMG	D-6	301					
OMMENTS					PORTUNITIES					
OIVIIVILIVIS,	INCLUDII	IGPOTENTIAL	ENHANCE	WENT OF	PORTUNITIES					
- Ten	perci	ture 2	4°C							
- Bx	idge	upper	rs 10	Roy	vide con	ier d	for (piniay	5	
7		,						4		



GENERAL INF	ORMATION										
PROJECT #:	6-36	TH NAME OF	CHIST .	50(c-	TIME STAR	TED:	372714:04	IME FIN	NISHED:	MAX.	
COLLECTORS	Cale Ho	rlintD		1	- STRE	AM ID	River - U/S	DAT	20(6-0	6-07
WEATHER:	SURMY	CC 6(10									
LOCATION		co erro	0			-		-			
NAME OF WAT	ERBODY:	GENERA	L AREA O	F PROJECT	LOCATION	:	- 6	۲			0 1
SWMON	River	Duter	limids	of For	MACONT	Joda	2 AFG 011-	of ch	e field	prid	lm Rd
CHAINAGE OR				0, 10,	TOOK IL	الماء ال	THO CITY	01	CIVICICI	Otto	30,00
Approx	Ikne	ast From	- Mil	lerRd	and Sh	Af;	old brid	ce R	جا.		
GPS ¹ COORDIN	ATES (UTM):						391.93 N	,			
LAND HOE AND	DOLL HEION		41437	8,615	ye	12411	31.93 10				
SURROUNDING				SOL	RCES OF F	OLLI	ITION:				
- Accillo	•			- 6	DEL FU						
- Backet	151			- 6	Recivie	(run off	,			
EXISTING STR	UCTURE TYP	E (IF ANY)			egica	0.00	1010011				
				F4 O	threat O		000 0	1	N	· · ·	
Bridge C	,	Box CulvertO		pen Foot Cu	livert O	_	CSP O			A O	
Other O Descr	ribe:						Size (w x h	\ m ²	3x F		
SECTION TYPE		HOLOGY					OIZE (W X II				
		nannelized	Permanea	t Interr	mittent	Ephen	neral ASSC	CIATE	WETLAND	:	
	o/	0	0		0	0	100	FAD	w~		
HYDRAULIC HI	EAD (mm):							r jer-v	00/		-
NOT DESCRIPTION OF STREET AND DESCRIPTION OF STREET	(2									
Habitat T	ypo	Substrate		an width tted (m)	Mean d	epth	Mean		Mean		Other
Run, Pool, Rif	fle, Flat?		We	itea (iii)	wetted	(m)	bankfull	- 4	bankfull		
D (1)	1 (065-804		2	_		width (m)		depth(m)		
1963 F1	ct 6	615 P 10		25	060		27	17	080		
Bedrock	Boulder	Cobble	Gravel	Sand	Si	14	Clay	1 80.	ıck	Dot	ritus
Br	Bo	Cobble	Gravei	Sand	S		Clay		lu		D .
BANK STABILI	TY	Fandin	- 4	Vulna	abla		Destantad			141	
		Erodin Angle>45°, e		Vulner Angle>45°		And	Protected le>45°, non-ero	odible		osition 2	zone ual slope),
		soil, under		soil, no sign		Alle	material/soil	Juible	fine gra		
		bare so		erosi							
Left Up	stream Bank	0/		0			0			0	
Right Up	stream Bank	0		0			0			0	
HABITAT											
IN-STREAM	Undercut	Boulders	Cobble	Woody	Debris		Organic	Vascul	ar Macroph	ytes	None
COVER	banks				1/		debris				
(check all				Instrear	n Č	1		Instrea	ım 🔾		
that apply; D is for				Overh	nging			Over-b	naira /	-	
dominant				Overha	nging			Overha	anging		
cover):											

OTENTIAL Spawning Evidence of Groundwater Other RITICAL HABITAT CYPTIAL IMITING: RIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Right Upstream Bank	SHORE C		100 – 90	%	90 - 6	0%	60- 30%		30 – 1%	N	one
(D for dominant): Predominant Species Florations: None Seasonal/Temporary Sestauctions: None Seasonal/Temporary Sestauctions: Spawning RITICAL HABITAT Full Agriculture Spawning RITICAL HABITAT MINITING: RIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Riparian None Cultivated Meadow Scrubland Forest None Cultivated Meadow Scrubland Forest None 11.5-10 m 10-30 m 10-30 m HOTOGRAPHIC RECORD: PSTREAM PHOTO #: THER P	(% stream s	haded):			0		0		0		0
Species Pontweels Seasonal/Temporary Permanent BIGRATORY BBSTRUCTIONS: OTENTIAL Spawning RITICAL HABITAT MITING: RIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Riparlan None Cultivated Meadow Scrubland Forest None Cultivated Meadow Scrubland Fore 20ne 1.5-10 m 10-30 m 30+ m HOTOGRAPHIC RECORD PSTREAM PHOTO #: TMEP GLOS OWNSTREAM PHOTO #: TMEP GLOS THER PHOTO #S: OMMENTS. INCLUDING POTENTIAL ENHANGEMENT OPPORTUNITIES: FLOW is healing South West Flow is healing South West			Sub	mergent		Floatin	9		Emergent		None
Seasonal/Temporary BESTRUCTIONS: Spawning RITICAL HABITAT MITTING: RIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Right Upstream Bank Right Upstream Bank Right Upstream Bank Right Meadow Scrubland Forest Zone 1.5-10 m 30+ m	Pre		Pondive	elst				_			
RITICAL HABITAT COMMUNITY Dominant Vegetation Type Left Upstream Bank Riparian None Cultivated Meadow Scrubland Forest Tone 1.5-10 m 10-30 m 30+ m HOTOGRAPHIC RECORD: PSTREAM PHOTO #: STAND GLOS COMNISTREAM PHOTO #: THE PLOS GLOS THER PHOTO #S: OMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES: The Sharm of Meadow Scrubland Forest None Cultivated Meadow Scrubland Forest None Cultivat	IGRATORY BSTRUCTION	NS:		-		Seasonal/Ten	porary		Permaner	nt	
RIPARIAN COMMUNITY Dominant Vegetation Type	OTENTIAL CRITICAL HA	BITAT	Spawning wollage	spering		Evidence of (roundwa	iter	Other		
Left Upstream Bank Riparlan Zone None Cultivated Meadow Scrubland Forest None Cultivated Meadow Scrubland Forest 1.5-10 m 10-30 m 30+ m HOTOGRAPHIC RECORD: PSTREAM PHOTO #: JMCP GLOS CWINSTREAM PHOTO #: JMCP GLOS RIGHT UPSTREAM BANK PHOTO #: THER PHOTO #S: OMMENTS, INCLUDING POTENTIAL ENHANGEMENT OPPORTUNITIES: FORST AND PASSED Suldioble Sparm'S habital for walleye, cyprinid LM bass - Koldioble Sparm'S habital for walleye, cyprinid LM bass - How is healing South was the same statement of the	RIPARIAN										
Riparian Zone 1.5-10 m 10-30			15v/9 16/0	Total Julie	4157	Dominant 1	/egetatio	n Type	32.03	art tivo	0.00
1.5-10 m 1.5-10 m 10-30 m 10-30 m HOTOGRAPHIC RECORD: PSTREAM PHOTO #: IMBP GLOS OWNSTREAM PHOTO #: IMBP GLOS RIGHT UPSTREAM BANK PHOTO #: THER PHOTO #S: OMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES: - Resh water Ausself - Maderale flow - Suitioble Spawing hebital for welleye, cyprinil LM bess - How is healing South west			Left	Upstream E	Bank				Right Upstre	am Bank	4.4
10-30 m 30+m HOTOGRAPHIC RECORD: PSTREAM PHOTO #: SHOP GLOS OWNSTREAM PHOTO #: TMGP GLOS RIGHT UPSTREAM BANK PHOTO #: THER PHOTO #S: OMMENTS, INCLUDING POTENTIAL ENHANGEMENT OPPORTUNITIES: Test was a wasself - Moderale flow - Subjoble Spawning hebitat for walleye, Cyprinid LM bass - How is healing South west		None	Cultivated	Meadow	Scrut	pland Forest	None	Cultivated	Meadow	Scrubland	Fores
HOTOGRAPHIC RECORD: PSTREAM PHOTO #: LIMB P GIBB LEFT UPSTREAM BANK PHOTO #: OWNSTREAM PHOTO #: TIMB P GIBB RIGHT UPSTREAM BANK PHOTO #: THER PHOTO #S: OMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES: - Roderale How - Suidioble Spawing hebitat for walleye, Cyprinia LM bass - How is healing South west	1.5-10 m									I	0 ,
HOTOGRAPHIC RECORD: PSTREAM PHOTO #: IMBP GIBO LEFT UPSTREAM BANK PHOTO #: OWNSTREAM PHOTO #: IMBP GIBO RIGHT UPSTREAM BANK PHOTO #: THER PHOTO #S: OMMENTS, INCLUDING POTENTIAL ENHANGEMENT OPPORTUNITIES: - Resh water Awsself - Maderale flow - Suitioble Spawning habital for walleye, cypninil LM bass - How is healing South west	10-30 m					- 1					
PSTREAM PHOTO #: IN 6 P G G G G G G G G G G G G G G G G G G	30+ m										
PSTREAM PHOTO #: IN 6 P G G G G G G G G G G G G G G G G G G	HOTOGRAP	HIC RECO	DRD.								
OMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES: - Presh water nousself - Maderale How - Suitioble Sparming hebital for walleye, cyprinid LM bass - How is healing South west				6(66		LEFT	UPSTRE	AM BANK PI	НОТО #:		
- Fresh water mussels - Moderale flow - Suitioble Spawing hebital for walleye, cyprinid LM bass - Flow is healing South west			#: IMG(1665		RIGH	T UPSTR	EAM BANK F	РНОТО #:		
- Fresh water musself - Mederale Alow - Suitioble Spaining helpital for walleye, Cyprinid LM bass - Flow is healing South west	THER PHOT	O #S:									
- Fresh water musself - Mederale Alow - Suitioble Spaining helpital for walleye, Cyprinid LM bass - Flow is healing South west	OMMENTS,	INCLUDIN	IG POTENTIAL	ENHANCE	MENT C	PPORTUNITIES					ST 15 T
- Subjoble Spanning hobital for welleye, Cyprinid LM bess - Flow is healing South west											
- Subjoble Spanning hobital for welleye, Cyprinid LM bess - Flow is healing South west	- F	resh	water	MUSSE	ds				Ω.		
- Flow is heading South west	- A	edera	le flor								
- Flow is heading South west	<	diable	Social	me h	hida	at for	hall	leve, C	yprinid	LMb	ess
· · · · · · · · · · · · · · · · · · ·		1000	- from	'') '	W (31)		4 4 -	1-1	()		
- Observed one angler at this location	- F(c	ow is	heckin	Soc	thi	west					
	- Ob	Serve	lore	angli	e- 0	nt this	loca	tion			



GENERAL INF	ORIVIATION										
PROJECT #:	6-367	NAMEO		ct: 50(a	TIME ST	16	1.09	14	NISHED:		
COLLECTORS	Calefl	arlint				REAM II	River - D/S	DAT	E: 2011	6-0	6-07
WEATHER: <		C 6/1					131	1		-	
LOCATION		- 611									
NAME OF WAT	EBBODY:	GENERA	I ADEA	OF PRO II	CT LOCATION	ON.					
Salmon	River	Oute	-lim	ils of	Tanw	ったん	oins bo G.	off	ofshed	Hiel	abrike
CHAINAGE OR	OTHER IDEN	ITIFYING ATTE	RIBUTE:						0 02		J
Approx	1 Rme	non) tea	~ M	ller F	id and	ch	effield	br1	age Rd		
GPS COORDIN	IATES (UTM):	LOT	Dune	20	lian.	dian	02 A)		0		
			54149	38.21E	4921	1454,	93 N				
LAND USE AN	D POLLUTION										
SURROUNDING					SOURCES O	POLLI	η <u>τ</u> ίόν:				
- Acrici	Mounth			15	SOURCES O	Kunc	045 C	3			
- Risil	al Icl			-	- Reside	Ald	Runoff				
EXISTING STR	UCTURE TYP	F (IF ANY)			110016	101	NCOIL O				
			Ť								
Bridge 🐧		Box CulvertO		Open Foot	Culvert O		CSP O		N/A	4 O	
Other O Descr	ribe: UDS	1101-					Size (w x h	2 \	2 v I		
SECTION TYPE			-		_	-	Size (W X I) m _ {	J K 1		
							. Acc	CLATE	WETLAND.		
TYPE: Strea	m / river C	hannelized	Perman	ent In	termittent	Epher	licial	,	WETLAND:		
	0	0	Q		0	C) (UNITA	an		
HYDRAULIC H	EAD (mm): /								_		
	8 8 L	loma									
Habitat T	ype S	ubstrate	I N	lean width	Mear	depth	Mean		Mean		Other
Run, Pool, Rif			V	vetted (m)		ed (m)	bankfull		bankfull		
							width (m)		depth(m)		
	B	R10'CO 80)	h /	7.	_	. 4				
KUL				15m	0,50)	1 17	10	1,95		
		46						1			
Bedrock	Boulder	Cobble	Gravel		ind	Silt	Clay		uck		ritus
Br	Во	Со	Gr	8	ia	Si	CI	I N	flu)
BANK STABILI	TY										,
		Erodin	O.	Vul	nerable	_	Protected		Dono	sition Z	Zono.
		Angle>45°, e			45°, erodible	And	gle>45°, non-ero	ndible	Angle<45°		
		soil, under		_	ign of recent	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	material/soil	Juipie	fine grain		
		bare so			osion		material/soil		line gran	ieu se	TILLICING
Left Up	stream Bank	O)II		O		0			0	
Right Up	stream Bank	0			0		0			0	
HABITAT		THE CONTRACTOR OF THE CONTRACT				E TE					
IN-STREAM	Undercut	Boulders	Cobb	le Woo	dy Debris		Organic	Vascu	lar Macrophy	tes	None
COVER	banks				,		debris	504			
(check all			Ĭ	Instr	eam 🗸			Instrea	am 🗹		
that apply; D											
is for				Ove	hanging $arphi$	/		Overh	anging		
dominant				0,00				0 70111	99		
cover):											

SHORE C		100 – 90 % O	9	0 – 60% O		60- 30% Ø	/ -	30 – 1% O	N	lone O
VEGETATIO			nergent		Floatin	9		Emergent		None
Pre	edominant Species								L	
MIGRATORY DBSTRUCTIO		None		Sea	asonal/Ten	прогату	· ·	Permanei	nt	
OTENTIAL RITICAL HA		Spawning willye &	r.	Ev	idence of C	Groundwa	ater	Other		
RIPARIAN										
					Dominant \	/egetatio		N-64 H-44-	- David	TXXX
Riparian	None	Cultivated	Ipstream Bar Meadow	Scrubland	Forest	None	Cultivated	Right Upstre Meadow	Scrubland	Fores
Zone 1.5-10 m										
10-30 m										-
30+ m										
HOTOGRAP	PHIC REC	ORD:								
PSTREAM F		SILD.			LEFT	UPSTRE	AM BANK PI	НОТО #:		
OWNSTREA	AM PHOTO	O #:			RIGH	IT UPSTR	EAM BANK F	РНОТО #:		
THER PHOT	το #S:									
OMMENTS,	INCLUDI	NG POTENTIAL	ENHANCEME	ENT OPPO	RTUNITIES	:				
				×						
dditional No	otes Appe	nded? ON	O Yes	numl	oer of page	s	DESCRI	PTION		



GENERAL INFO	ORMATION									
PROJECT #:	6-361	NAME OF	PROJE	CT:	TIME STAR	T\$	Т	IME FINIS	SHED: S.S.	
COLLECTORS:	Cde H	, /			STRE	AM ID #	Duer- I	DATE:	2016-0	6-07
WEATHER:	ONY C	c16110								
LOCATION		016110	64 1							
NAME OF WAT	ERBODY:	GENERAL	ARFA	OF PROJEC	T LOCATION	:				
~ .	Rive	1		1-1	Tour	di	24.0	25	of shellie	11 6 1 1
CHAINAGE OR	OTHER IDEA			V(1) 00	1000 MC	ام(OWECID	OIT	ON PHELLIN	SIN DUGGE
CHAINAGE OR				· ·						
Approx	Ikne	187 34	- Mil	ler Rd	and Sh	effi	eld bri	dge	Rd	
GPS COORDIN		18T 34	1438	1.21E	492443	9,93	N			
LAND USE AND		<u> </u>			UDOES OF S	OLI UTI	ON			
SURROUNDING				SO	URCES OF F		1 1			- 1
- Westider	ic 1.			- 6		yn C				
- AGIICA	cral	War Alkahan			residien	itel fo	note	_		
EXISTING STR	UCTURE TYPE	(IF ANY)								
Bridge 🔾	Y	Box CulvertO		Open Foot C	ulvert O	C	CSP O		N/A O	
Other O Descr	ribe:	10.0					Size (w x h	$m^2 \sqrt{3}$	x7-	
SECTION TYPE	AND MORPH	IOLOGY								
		nannelized	Permane	ent Inter	mittent	Epheme	ral ASSO	CIATED	WETLAND:	
		0	0	/	0	0				
HYDRAULIC HI	EAD (mm):	0	(d)		0	- 0				
HTDRAULIC H	EAD (IIIII).),hn14								
Habitat T	vpe S	ubstrate	IV	lean width	Mean d	epth	Mean		Mean	Other
Run, Pool, Rif			W	retted (m)	wetted	(m)	bankfull	b	ankfull	- 1
							width (m)	de	epth(m)	
$\square Q$	C	とうしてい	- 1 -	32	171		36	0.80)	
1100	6	1905 L 15		7 7	0.7)6	1.00		
Bedrock	Boulder	Cobble	Gravel	San	d Si	ilt	Clay	Mud	k De	tritus
Br	Во	Co	Gr	Sa	S	i	CI	Mu		D
BANK STABILI	TY					*				
		Erodin	a	Vulne	rable		Protected	T T	Deposition	Zone
		Angle>45°, e			°, erodible	Angle	>45°, non-ero	odible	Angle<45° (grad	
		soil, under		-	n of recent		material/soil		fine grained s	ediments
		bare so	il	eros	sion					
	ostream Bank	0	,	()		0		0	
Right Up	ostream Bank	0		()		0		0	
HABITAT	,	W	(41)			"				
IN-STREAM	Undercut	Boulders	Cobb	le Woody	Debris		Organic	Vascula	r Macrophytes	None
COVER	banks		1		1		debris	In at		
(check all		1		Instrea	ım 🗸			Instream	n .	
that apply; D is for	/	\		Overh	anging 🗸			Overhai	nging \	
dominant				Overn	anging			Overnal	A Bring	
cover):										1

	COVER	100 - 90	70	90 – 60	70	60- 30%	30 – 1%		one
(% stream		0		0		0	0		0
VEGETATION (D. for don		Sul	bmergent		Floatir	ng	Emergent		None
(D for don	nınanı): edominan								
	Species			- 1					
IIGRATORY		None			Seasonal/Te	nporary	Permane	nt	
BSTRUCTION	ONS:								
OTENTIAL		Spawning			Evidence of	Groundwater	Other		
RITICAL HA	ABITAT	Welleye?	<						
IMITING:		m coloradol	1						
RIPARIAN	COMMU	NITY		7 14	Dominant	Vegetation Ty			
		Left	t Upstream B	ank	Dominant	Vegetation Ty	Right Upstre	am Bank	
Riparian	None	Cultivated	Meadow	Scrubi	and Forest		Iltivated Meadow	Scrubland	Fore
Zone	Hydre	Vice 1				Nydrolice			
1.5-10 m	Hydrol	re	1/			Vide e			
	HYENO,					Hy00112			
10-30 m	1/		/			Mydde_			
						TIVAL			
30+ m	υ,					*:			
	1110 550	OPD:							
HOTOGRAF		OND.		_	T				
PSTREAM I	РНОТО #:						BANK PHOTO #:		
	PHOTO #: AM PHOTO						BANK PHOTO #: BANK PHOTO #:		
PSTREAM FOUNDSTREAM FOR	PHOTO #: AM PHOTO TO #S:	O #:			RIGH	IT UPSTREAM			
PSTREAM FOUNDSTREAM FOR	PHOTO #: AM PHOTO TO #S:	O #:	L ENHANCEN	MENT OF		IT UPSTREAM			
PSTREAM FOUNDSTREAM FOR	PHOTO #: AM PHOTO TO #S:	O #:	L ENHANCEN	MENT OF	RIGH	IT UPSTREAM			
PSTREAM FOUNDSTREAM FOR THER PHOTO	PHOTO #: AM PHOTO TO #S:	O#: NG POTENTIAL			RIGH	IT UPSTREAM	BANK PHOTO #:	4 8 1	
PSTREAM FOUNDSTREAM FOR THER PHOTO	PHOTO #: AM PHOTO TO #S:	O#: NG POTENTIAL			RIGH	IT UPSTREAM	BANK PHOTO #:		
PSTREAM FOUNDSTREAM FOR THER PHOTO	PHOTO #: AM PHOTO TO #S:	O#: NG POTENTIAL			RIGH	IT UPSTREAM	BANK PHOTO #:		
PSTREAM FOUNDSTREAM FOR THER PHOTO	PHOTO #: AM PHOTO TO #S:	O#: NG POTENTIAL			RIGH	IT UPSTREAM	BANK PHOTO #:		
PSTREAM FOUNT OWNSTREAM THER PHOTO	PHOTO #: AM PHOTO TO #S: INGLUDIT	O#: NG POTENTIAL PDO	Grans	ition	RIGH	IT UPSTREAM	BANK PHOTO #:		
PSTREAM FOUNT OWNSTREAM THER PHOTO	PHOTO #: AM PHOTO TO #S: INGLUDIT	O#: NG POTENTIAL PDO	Grans	ition	RIGH	IT UPSTREAM	BANK PHOTO #:		
PSTREAM FOUNT OWNSTREAM THER PHOTO	PHOTO #: AM PHOTO TO #S: INGLUDIT	O#: NG POTENTIAL	Grans	ition	RIGH	IT UPSTREAM	BANK PHOTO #:		
PSTREAM FOUNT OWNSTREAM THER PHOTO	PHOTO #: AM PHOTO TO #S: INGLUDIT	O#: NG POTENTIAL PDO	Grans	ition	RIGH	IT UPSTREAM	BANK PHOTO #:		
PSTREAM FOUNT OWNSTREAM THER PHOTO	PHOTO #: AM PHOTO TO #S: INGLUDIT	O#: NG POTENTIAL PDO	Grans	ition	RIGH	IT UPSTREAM	BANK PHOTO #:		
PSTREAM FOUNT OWNSTREAM THER PHOTO	PHOTO #: AM PHOTO TO #S: INGLUDIT	O#: NG POTENTIAL PDO	Grans	ition	RIGH	IT UPSTREAM	BANK PHOTO #:		
PSTREAM FOUNT OWNSTREAM THER PHOTO	PHOTO #: AM PHOTO TO #S: INGLUDIT	O#: NG POTENTIAL PDO	Grans	ition	RIGH	IT UPSTREAM	BANK PHOTO #:		
PSTREAM FOUNT OWNSTREAM THER PHOTO	PHOTO #: AM PHOTO TO #S: INGLUDIT	O#: NG POTENTIAL PDO	Grans	ition	RIGH	IT UPSTREAM	BANK PHOTO #:		
PSTREAM FOUNT OWNSTREAM THER PHOTO	PHOTO #: AM PHOTO TO #S: INGLUDIT	O#: NG POTENTIAL PDO	Grans	ition	RIGH	IT UPSTREAM	BANK PHOTO #:		
PSTREAM FOUNT OWNSTREAM THER PHOTO	PHOTO #: AM PHOTO TO #S: INGLUDIT	O#: NG POTENTIAL PDO	Grans	ition	RIGH	IT UPSTREAM	BANK PHOTO #:		



GENERAL INF	ORMATION						у				
PROJECT #:	6-3671	NAME OF	PROJECT:	in	TIME STAR	TED:	13:00	TIME FIN	VISHED: 13	10	+
COLLECTORS	Calable	ictin t			STRE	AM ID	#: River-I	DAT	E: 0a/6	-n6	-174
MEATUED.	Caleti	d 1116,	1)WIN	1-001	all say	VVIOI	CHIOEL T	11	0010	00	U
WEATHER:	DIRECTION OF THE PARTY OF	Marie	Sunn	4 CC	c 6/18) 2	18				
LOCATION											
NAME OF WAT	ERBODY:		AREA OF					0.0	c l		\(\)
Salmon	Liver	Dute	-limids	of t	CAMILAR	11	Orland (of to	A House	1xps	Kd W
CHAINAGE OR		IFYING ATTRI	BUTE:						W.	-1	
Easton	Hannes	17 Rd.	~ unt	il you	real	00	& boide	Cle	ssins		
GPS COORDIN	ATES (UTM):	1100	0 11-11				10	A 1)		
		181	3424	64,491	- y	1274	576,62	V			
LAND USE AND	D POLLUTION										
SURROUNDING	LAND USE:			sou	IRCES OF F	OLLU	ITION:				
- Kesida				-K	soud, r		off				
- Agricut	Α.			- 6	2500	tia	611				
EXISTING STR		(IE ANY)		- 1	100100	(1100					
Bridge C)	Box CulvertO	Оре	en Foot Cu	Ivert O		CSP O	L	/ N//	0	
Other O Descr	ibe: USe	40 pc a	م ماط	bride	C		Size (w x h) m ²			
SECTION TYPE			VI Olice	Dill			OIZE (W X II	7111			
			Permanent	Interm	nittent	Ephen	neral ASSC	CIATE	WETLAND:		
TIPE. Stiea	III / III GII					•	()	thou			
	02	0	Ø)	0	00	cknow	~/.		
HYDRAULIC H	EAD (mm):	O									
Habitat T	ype S	ubstrate		width	Mean d	epth	Mean		Mean		Other
Run, Pool, Rif	fle, Flat?		wette	ed (m)	wetted	(m)	bankfull		bankfull		
		n In .					width (m)		depth(m)		
	6	R-10 Bo-		10	1		> 11		1 <		
1/00	5	x-5 co-	90 1	10	1		47	- 1	(.)		
Bedrock	Boulder	Cobble	Gravel	Sand	Si	lt	Clay	Mu	ıck	Deti	ritus
Br	Во	Co	Gr	Sa	s	i	CI	N	lu l	- 1	
N 27 1							<u> </u>	-		-	
BANK STABILI	TY										
		Eroding		Vulnera			Protected	1971)		sition Z	
		Angle>45°, er		Angle>45°,		Ang	le>45°, non-ero	odible	Angle<45°		
		soil, underc		oil, no sign			material/soil		fine grain	ned se	diments
Left Up	stream Bank	bare soi		erosio	on		0			0	
Right Up	stream Bank	100	,	0			0			0	
HABITAT											
IN-STREAM	Undercut	Boulders	Cobble	Woody I	Debris		Organic	Vascu	lar Macrophy	tes	None
COVER	banks	Doulders	CODDIE	110009			debris	7 43CU	.a. maoropii)		110116
(check all				Instream	n /			Instrea	ım 🗸		
that apply; D				monean	~					/	
is for			_	Overhar	nging /		V	Overh	anging 🗸		
dominant	~			CTOTING	·9···9 ×			2.0111	ע פיייפייי		
cover):											

	OVER	100 – 90 %	90 –	60%	60- 30	%	30 – 1%	No	ne
(% stream s	haded):	0	C		0		0	- 4)
VEGETATIO (D for dom		Subm	ergent	F	loating		Emergent		None
Pre	dominant Species	1/ 00 - 10	watered	While	pond lily	, Pick	erel we	ed	
MIGRATORY DBSTRUCTIO	NS:	None		Seasor	al/Temporary	y	Permaner	nt	
OTENTIAL RITICAL HAI	BITAT	Spawning - Walleye - Cyprind	- Pike	Eviden	ce of Ground	water	Other		
RIPARIAN	COMMU						-		
	Papil		XI = V/O =	Dom	inant Vegetat		47-00-		197
	Mana		pstream Bank	ubland F	and a Name		Right Upstre	CONTRACTOR OF THE PROPERTY OF	Farrage
Riparian Zone	None	Cultivated	Meadow Scr	ubland F	orest None	Cultivated	Meadow	Scrubland	Forest
1.5-10 m					\checkmark			\vee	
10-30 m	0.7		-		X			ă.	/
30+ m									
HOTOGRAP PSTREAM P			6130		LEFT UPST	REAM BANK P	HOTO #: ~	M6P 6(3)	
OWNSTREA			6131			TREAM BANK		MGP 613	7
THER PHOT	O #S:								
OMMENTS,	INCLUDI	IG POTENTIAL E	NHANCEMENT	OPPORTU	IITIES:				
. \									
-019	, bri	dge for spanning, -VCond	indultar	- ple	sert o	nt co	ossin	9	
11	1 2.	Spanning,	111		\	^			
- Mak	211) 0	rcond	141047	Sui	dicble	-40C 1	valleye	Pikean	CYPTINA
		headi							*1
			*						
- cho	innel	is deep of the w	in the m	iddle.	of wet	er Course	. altho	rush the	
\circ	· · de	of H. L	eter con	Irsc 15	MIM	- N			
Masc	2(13)	2 100 %							
Majo	5(137)	7 100 4				40			
Majo	5(137)	700 4				×			



GENERAL INF	ORMATION									
PROJECT #:	6-364	4 NAME	OF PROJE	CT:	TIME STAF		15.0+1	TIME FII	NISHED: 13'	.15
COLLECTORS:		ctint 1		4	STRI	EAM ID	#: Ner-U/S	DAT	E: 00/6	-06-07
WEATHED.						WEAT A	incl ord		2010	-00
WEATHER:	SUNNY	CC 6/	10 3	210C						
LOCATION										
NAME OF WAT	//	A A		OF PROJECT			lact L. Od	tonio	offoft	laggery Rd
CHAINAGE OR			RIBUTE:							00 /
East o	1.0	agger	01	1 0	N lib	00 1	1800h ol	d be	idsecro	ossin
GPS COORDIN	ATES (UTM):	OU TO	2	A 60 7		ira=	/2	A /		
		18/	3420	464,491	ン	442	2576.66	10		
LAND USE AND	POLLUTION	V								
SURROUNDING	LAND USE:	E .		so	URCES OF	POLLU	ITION:			
- Reside	7101			-	ROAL	RU	notf			
- Aricco	Acrel				Res	100	that			
EXISTING STRU	ICTURE TYP	E (IE ANV)			1662	(1-62				
		L (II ANT)						7		
Bridge O		Box Culvert	0	Open Foot C	ulvert O		CSP O		N/A	0
Other O Descri	ibe:		"	c	11.		Size (w x h) m ²		
SECTION TYPE		HOLOGY					Size (W X I	17 111		
			Device			E.L.	LASSO	CLATE	WETLAND:	
TYPE: Stream	m / river C	hannelized	Perman	ent Inter	mittent	Ephem	iciui	STATE OF		
	0	0	0		0	0		Jakn	Own	
HYDRAULIC HE	AD (mm): /	2		1	· · · · · · · · · · · · · · · · · · ·		***			
Habitat Ty	vpe S	Substrate	N	lean width	Mean o	lepth	Mean		Mean	Other
Run, Pool, Riff			v	vetted (m)	wetted	•	bankfull		bankfull	
, , , , , , , , , , , , , , , , , , , ,	,					. (,	width (m)	- 1	depth(m)	
CIL	0	30-1550	<	-	4 1		1-1-1		aopan(m)	
tlat			1 1	30	1611	M	33	1 4		
1 (\(\alpha\)		50-70 D	-101				-			
Bedrock	Boulder	Cobble	Gravel			ilt	Clay		ıck	Detritus
Br	Во	Co	Gr	Sa	8	Si	CI	N	1u	D
BANK STABILIT	TY									
DAIN OTABLE		Erodi	ina	Vulno	roblo		Drotostod		Dance	ition 7000
		Erodi		Vulne		۸	Protected	ما دانام		ition Zone
		Angle>45°,		Angle>45°		Ang	le>45°, non-ero	odible		gradual slope),
		soil, unde		soil, no sigr			material/soil		fine graine	ed sediments
Left Up	stream Bank	bare s	SOIL	eros			0			0
Right Up	stream Bank			C			0			0
HABITAT		*								
IN-STREAM	Undercut	Boulders	Cobb	le Woody	Debris		Organic	Vaccus	lar Macrophyt	es None
COVER	banks	Douiders	0000	ne woody	רבחווף		debris	vascu	iai iriaciopilyt	ES NOILE
(check all	Maiika			Instrea	_ 1/		uebris	Inches	- +/	
that apply; D	iga:			Instrea	III V		_	Instrea	un 🗸	
is for	(/									
	\vee			Overha	inging 🗸		Y	Overh	anging	
dominant		1								
cover):		4								

SHORE CO		100 – 90	% 90	0 – 60%		60- 30%		30 – 1%		one
(% stream sh		0		0	F1 41	0		0		0
VEGETATION (D for domin		Sub	mergent		Floating	ı	See N	Emergent		None
	dominant	Casal	waterbee	1 \	11601			os take		
	Species	Larada	work wee		vild Cele	-y	PNO			
MIGRATORY DBSTRUCTION	NS.	None	_		Seasonal/Tem	porary		Permaner	nt	
	10.							011		
OTENTIAL CRITICAL HAE IMITING:	BITAT	Spawning walleye, Cyprind	Pitte Bass H	763	Evidence of G	roundwa	ter	Other		
RIPARIAN (
4/11/2/01	77.70	TIPS AK	Unatus and Day	ير أأما	Dominant \	egetation		limbt Hanten	am Bank	29-7
Riparian	None	Cultivated	Upstream Ban Meadow	Scrublar	nd Forest	None	Cultivated	Meadow	Scrubland	Forest
Zone								5		V
1.5-10 m										
10-30 m					1					/
30+ m					*					
PHOTOGRAPH PSTREAM PHOOD DOWNSTREAM OTHER PHOTO	НОТО #: М РНОТО	ZMGP D#: ZMGP Emerser	GIAL GIAL EDECIES	Unk	RIGH	T UPSTR	AM BANK PHEAM BANK P	HOTO #:	2M6P61 2M6P61	
-	NCLUDI	IG POTENTIAL	ENHANCEME	ENT OPF	PORTUNITIES		15			
Righ - Habide	it so	side E	of ben Condition	K = 5 = 5	hes l	rydic	oline or vo	right	t of wi	y. Thess
and c										
- Flou	\ (\)	healing	Souf	h ea	est					
,										
-										
-										
-										



GENERAL IN	IFORMATION										
PROJECT #:	16-367	NAMEO	F PROJECT	SO(00		30		IME FIN	15	27	
COLLECTOR	s: Cale H	refint Do	ion h	eclair	Simo	AMID #	r-D15	DATE	2016	,-0	6-07
WEATHER:	SUMMY	CC 61	100	100							
LOCATION											
NAME OF WA	TERBODY:	GENERA	L AREA C	OF PROJECT	LOCATION	:					
5, 14.	a Rive	Outer	1: ato	F= Jana	indla.	John	is aff	FX.	·CUEN	RI	ا ا
		NTIFYING ATTI		13 0000	WOITE)(W C)	10 000	2, 16	590 17		
	Hasga	by Rdi) Un	dil you	, secd	- 0(d bridge	cic	SSing		
	inates (UTM)		342	464,49	E	1972	576,62	\mathcal{N})		
	ND POLLUTIO										
10-64	NG LAND USE				URCES OF F		0.0				
	Culored				Reside	Tid	14				
EXISTING ST	RUCTURE TYP	PE (IF ANY)	پ کیا								
Bridge	0	Box CulvertC) (Open Foot C	ulvert O	(CSP O		N//	4 O	
Other O Des							Size (w x h) m ²			
SECTION TYP	PE AND MORP	HOLOGY									
TYPE: Stre	eam / river C	Channelized	Permane	nt Inter	mittent	Epheme	iai	1	WETLAND:		
	0	0	0		0	0		Inter	nwon		
HYDRAULIC	HEAD (mm):	\supset			- Ne		•H-				
Habitat	Туре	Substrate		ean width	Mean d	epth	Mean		Mean		Other
Run, Pool, R	tiffle, Flat?		We	etted (m)	wetted	(m)	bankfull	1	bankfuli		
		7 15 15	5 15 1				width (m)	C	lepth(m)		
2/2/	- !	30-15 511 6-20 MG	SUTO	32	1.0		37		13		
110	, (6 90 MG	1-10	200	1.0		3 /		1.)		
Bedrock	Boulder	Cobble	Gravel	Sand			Clay	Mu			ritus
Br	Во	Со	Gr	Sa	S	i	CI	M	lu		D
BANK STABI	LITY										
		Erodir		Vulne	rable		Protected			sition 2	
		Angle>45°,		Angle>45°		Angle	e>45°, non-ero	odible	Angle<45°		
		soil, under		soil, no sigr	177		material/soil		fine grain	ned se	diments
l eft l	Jpstream Banl	bare s	oil	eros						_	
	Jpstream Bank			<u> </u>			0			0	
HABITAT		. 0		С) [0			0	
IN-STREAM	Undercut	Boulders	Cobbl	e Woody	Debris		Organic	Vaecul	ar Macrophy	rtes	None
COVER	banks	Dodiaers	30001	- Proody	200113		debris	T GOCGI	(maorophi)	,	110116
(check all	Julika			Instrea	m /		445.16	Instrea	m ·		
that apply; D	. /		11/								
is for				Overha	inging /			Overha	anging		
dominant											
cover):										i i	

SHORE C		100 – 90	%	90 – 60	%	60- 30%		30 - 1%	No	one
(% stream s	shaded):	0		0		0		0/		0
VEGETATIO (D for dom		Sub	mergent		Floating			Emergent		None
Pre	edominan Species	1		`	W. Plily	′	Pick	erelwee	d	
IIGRATORY		None	2.0		Seasonal/Tem	porary		Permanent		
BSTRUCTIO	ONS:				-					
OTENTIAL RITICAL HA IMITING:	BITAT	Spawning	· Cypcin	in	Evidence of G	iroundwa	ater	Other		
RIPARIAN	сомми	NITY			*					
		Loft	Upstream E	Pank	Dominant \	/egetatio		light Unotroom	Pank	
Riparian	None	Cultivated	Meadow	Scrubi	and Forest	None	Cultivated	Right Upstream Meadow	Scrubland	Fores
Zone			X					V		U
1.5-10 m										
10-30 m										
30+ m					V					1
							,			
HOTOGRAP			0 1 15 15		1			1000 H 7 A	100 0	e.C.
PSTREAM P OWNSTREA			P 6149		RIGH	TUPSTR	EAM BANK PE	ЮТО#: <u>**5</u> М НОТО#: エド	16 16 61	50
THER PHOT	ΓO #S:	2	- Olo (-			<i>a</i> C1	101 01	50
OMMENTS	INCLUDI	IG POTENTIAL	ENHANCE	MENT O	PPORTUNITIES:	¥				
OMMENTS,	INCLODII	NG FOTENTIAL	LINITANCE	WILITI	PPORTUNITIES.					
- Very	min	ind f	(on							
(7	1 (.	00.	iids ned		100	The ste	_	
- Ob S	crued	, do	T	APTIV	1112 1160		on DIC	Danti		
- obs	servel	Grest	n wol	Je-	mussel	S				
- hab	idet	Spaunic	3 Con	di dip	ns soid	able	for	welley	ct voc	inid
		heady	-					į	,~ ₇ F	
-Coto	ase	located	heic	- a'	ssessme	+ ~	es con	tuctel		



GENERAL IN	FORMATION										
PROJECT #:	6367	NAME C	F PROJE	CT:	ZINS	RTED:		_	NISHED: よんより		
COLLECTOR	2.	Hartin			STRI	lary 1	#: to the Salaran &	DAT	E: 2016	-06	20
WEATHER:		cc 21	02	900	1.14.1.5531	-	~0/5	372			
LOCATION											
NAME OF WA	TERBODY:	GENEŖ	AL AREA	OF PROJE	CT LOCATIO	N:		,			
Unknow	~~	NTIFYING ATT	Stell	15, st -	Janus	roll.	Cross	600			
CHAINAGE O	R OTHER IDE	NTIFYING ATT	RIBUTE:				- /				
South	on Tes	Key rd	befor	cInt	er secella	0 ~ c	Bawas	dan	lieste	7	
GPS COORDI	NATES (UTM				4419						
LAND USE A											
SURROUNDIN	NG LAND USE	: 1.1	1	S	OURCES OF	POLLU'	TION:				
Agrico	1006 - 1	Restiden	101	~	- A acto	ctu	tion: o(F a(Iunc	off			
EXISTING ST	RUCTURE TY	PE (IF ANY)					بِــــــــــــــــــــــــــــــــــــ	→ 1			
Bridge	0	Box Culvert)	Open Foot	Culvert O		CSP Ø		N	/A O	
Other O Des	cribe: Ro	d Celver	- t				Size (w x h) m ²	1:0	. S	
SECTION TYP	PE AND MORE	PHOLOGY									
TYPE: Stre	am / river	Channelized	Perman	ent In	ermittent	Ephem	Ciai		WETLAND):	
	6	0	V		ØX.	0		Unte	Nown		
HYDRAULIC I	HEAD (mm):	2									
Habitat	Туре	Substrate		lean width	Mean	depth	Mean		Mean		Other
Run, Pool, R	iffle, Flat?		V	vetted (m)	wette	d (m)	bankfull		bankfull		
			_			0	width (m)		depth(m)	-	
Kun		Mulo D3		6.35	0.0	23	1. 5	(2,35		
Bedrock Br	Boulder Bo	Cobble Co	Gravel Gr	Sa S		Silt Si	Clay Cl		ıck Iu		ritus D
	#										
BANK STABII	_ITY	F		1/4-1-		r	Desta stad			.,.	
		Erodi Angle>45°,			nerable I5°, erodible	Angl	Protected le>45°, non-ero	diblo		osition 2	zone ual slope),
		soil, unde			ign of recent	Aligi	material/soil	dible	-		diments
		bare s			osion		material/son		inio gio		dimonto
Left U	Jpstream Ban	k Ø	/		0		O			0	
Right U	Jpstream Ban	k 6			0		0			0	
HABITAT											
IN-STREAM	Undercut	Boulders	Cobb	ole Woo	dy Debris		Organic	Vascu	lar Macroph	nytes	None
COVER	banks	1					debris				
(check all				Instr	eam			Instrea	ım		
that apply; D is for				0	hanain- \	,		Overh			
dominant				Over	hanging V			Overna	anging \		
cover):											

O/ otroom o	OVER	100 – 90	⁷⁰	90 60	70	60- 30%		30 - 1%	IN IN	one	
70 Stream S	shaded):	0		0		0		0		0	
VEGETATIO (D for dom		Sub	mergent		Floatin	g		Emergent		None	
Pre	dominant Species	_					Ree	Cener	7		
IGRATORY BSTRUCTIO	ONS:	None			Seasonal/Ten	nporary		Permaner	nt		
OTENTIAL RITICAL HA MITING:	BITAT	Spawning			Evidence of C	Froundwa	iter	Other			
RIPARIAN	COMMUN	IITY						-			
	. 17.	5.00			Dominant \	/egetatio	п Туре	LUMB			
		Left	t Upstream E	Bank			F	Right Upstre	am Bank		
Riparian Zone	None	Cultivated	Meadow	Scrubl	land Forest	None	Cultivated	Meadow	Scrubland	Fore	
1.5-10 m								/			
10-30 m					V						
30+ m					V						
					1			<u>, </u>			
	HIC RECO	JRD:							(26)		
HOTOGRAP		1001	11251		LEET	LIDELDE	AM BANK DE	IOTO #:////rff			
PSTREAM P	РНОТО #:	IMG(1,351				AM BANK PHEAM BANK P				
PSTREAM P	PHOTO #: NM PHOTO	JM6(JM6)	6354				EAM BANK PE				
PSTREAM POWNSTREATHER PHOT	PHOTO #: AM PHOTO TO #S:)#: IM6 !	16354		RIGH	IT UPSTR					
PSTREAM POWNSTREATHER PHOT	PHOTO #: AM PHOTO TO #S:	J#: JMG	ENHANCE	MENT O	RIGH	T UPSTR	EAM BANK P	чното #∏√Д	2357		
PSTREAM POWNSTREATHER PHOTOMMENTS,	PHOTO #: AM PHOTO TO #S: INCLUDIN	IG POTENTIAL	LENHANCE	U 5 S	PPORTUNITIES	T UPSTR	OSSI	оче S	(2011 w	do	
PSTREAM POWNSTREATHER PHOTOMMENTS,	PHOTO #: AM PHOTO TO #S: INCLUDIN	IG POTENTIAL	LENHANCE	U 5 S	PPORTUNITIES	T UPSTR	OSSI	оче S	(2011 w	da	
PSTREAM POWNSTREATHER PHOTOMMENTS,	PHOTO #: AM PHOTO TO #S: INCLUDIN	IG POTENTIAL	LENHANCE	U 5 S	PPORTUNITIES	T UPSTR	OSSI	оче S	(2011 w	da	
PSTREAM POWNSTREATHER PHOTOMMENTS,	PHOTO #: AM PHOTO TO #S: INCLUDIN	IG POTENTIAL	LENHANCE	U 5 S	PPORTUNITIES	T UPSTR	OSSI	оче S	(2011 w	do	
PSTREAM POWNSTREATHER PHOTOMMENTS,	PHOTO #: AM PHOTO TO #S: INCLUDIN	IG POTENTIAL	LENHANCE	U 5 S	PPORTUNITIES	T UPSTR	OSSI	оче S	(2011 w	do	
PSTREAM POWNSTREATHER PHOTOMMENTS,	PHOTO #: AM PHOTO TO #S: INCLUDIN	IG POTENTIAL	LENHANCE	U 5 S	RIGH	T UPSTR	OSSI	оче S	(2011 w	da	
PSTREAM POWNSTREATHER PHOTOMMENTS,	PHOTO #: AM PHOTO TO #S: INCLUDIN	IG POTENTIAL	LENHANCE	U 5 S	PPORTUNITIES	T UPSTR	OSSI	оче S	(2011 w	de	
PSTREAM POWNSTREATHER PHOTOMMENTS,	PHOTO #: AM PHOTO TO #S: INCLUDIN	IG POTENTIAL	LENHANCE	U 5 S	PPORTUNITIES	T UPSTR	OSSI	оче S	(2011 w	do	
PSTREAM POWNSTREATHER PHOTOMMENTS,	PHOTO #: AM PHOTO TO #S: INCLUDIN	IG POTENTIAL	LENHANCE	U 5 S	PPORTUNITIES	T UPSTR	OSSI	оче S	(2011 w	de	
PSTREAM POWNSTREATHER PHOTOMMENTS,	PHOTO #: AM PHOTO TO #S: INCLUDIN	IG POTENTIAL	LENHANCE	U 5 S	PPORTUNITIES	T UPSTR	OSSI	оче S	(2011 w	de	
PSTREAM POWNSTREATHER PHOTOMMENTS,	PHOTO #: AM PHOTO TO #S: INCLUDIN	IG POTENTIAL	LENHANCE	U 5 S	PPORTUNITIES	T UPSTR	OSSI	оче S	(2011 w	de	
PSTREAM POWNSTREATHER PHOTOMMENTS,	PHOTO #: AM PHOTO TO #S: INCLUDIN	IG POTENTIAL	LENHANCE	U 5 S	PPORTUNITIES	T UPSTR	OSSI	оче S	(2011 w	da	



GENERAL INFORMATION						
PROJECT #: 16367	NAME OF PRO	JECT: TI	IME STARTED:	TIMI	E FINISHED:	
collectors:			STREAM ID	#: He Shoon River	DATE:	06.20
14/CATIACO				THE SHOWN LIMET	2010 1	16 20
SUNCE	1 CC 2/1	29°C	C.	1	4	
LOCATION						
NAME OF WATERBODY:	GENERAL ARE	A OF PROJECT L	OCATION:	0 1		
UNKNOWN CHAINAGE OR OTHER IDEN	DA Stir	15 of Fa	mworth	Croydo)_	
South on T GPS COORDINATES (UTM):	eskeyrd	before	Intersed	Ion of Ba	and and	Teskey
GPS COORDINATES (UTM):	18T 034	12569	4910	1298		"
LAND USE AND POLLUTION	·					
SURROUNDING LAND USE:	1 1 1	SOUR	CES OF POLLU	TION:		
Arsicatural - Resolit	Acral	[-1×8	CES OF POLLU	2006		
EXISTING STRUCTURE TYP	E (IE ANV)	T Ac	ciculal 1C	N 015		
				CSP 0	NUA NUA	
Bridge O	Box CulvertO	Open Foot Culv	ert O			\ O
Other O Describe: Roc	il Celvert			Size (w x h) m	2 r=0.5	
SECTION TYPE AND MORPH	HOLOGY					
TYPE: Stream / river C	hannelized Perma	anent Intermi	ttent Ephem	iorai	ATED WETLAND:	
. 0	0 0	9	0	Uni	known	
HYDRAULIC HEAD (mm):	7					G.
Habitat Type	Substrate	Mean width	Mean depth	Mean	Mean	Other
Run, Pool, Riffle, Flat?		wetted (m)	wetted (m)	bankfull	bankfull	
	" Vella i III e			width (m)	depth(m)	
1 Flat 15	51151NU45	1,5	0.35	11.7m	070	
Bedrock Boulder	Cobble 🦁 Grav	rel Sand	Silt	Clay	Muck	Detritus
Br Bo	Co Gr		Si	CI	Mu	D
BANK STABILITY						
DANK STABILITY	Eroding	Vulneral	ble	Protected	Depos	sition Zone
	Angle>45°, erodible			le>45°, non-erodib		(gradual slope),
	soil, undercut or	soil, no sign o		material/soil	fine grain	ned sediments
Left Upstream Bank	bare soil O	erosion	21	0		0
Right Upstream Bank		1	/			
HABITAT	0	8		0		0
IN-STREAM Undercut	Boulders Co	bble Woody D	ebris	Organic Va	ascular Macrophy	tes None
COVER banks		11333,5		debris	,	à
(check all		Instream		In	stream	
that apply; D		O	/	0	warbanging /	
is for		Overhang	ging 🗸	0	verhanging (
dominant				11.04		

- Grown when fact

SHORE C		100 – 90 %	90	- 60%		60- 30%		30 – 1%	Ne	one
(% stream s	haded):	0		0		0		0/		0
VEGETATION (D for dom		Subm	ergent		Floatin	g		Emergent		None
Pre	dominant Species			Do	Knee		Terredi	ld gres	5	
MIGRATORY DBSTRUCTIO	NS.	None			sonal/Ten			Permaner	nt	
	- 100				reder o					
POTENTIAL CRITICAL HA LIMITING:		Spawning Low Pod	ential		dence of C		ter	Other	_	
RIPARIAN	COMMUN									
X-31.31		l eft li	pstream Bank		ominant \	/egetatioi		light Upstre	am Bank	
Riparian	None	Cultivated		crubland	Forest	None	Cultivated	Meadow	Scrubland	Fores
Zone										
1.5-10 m				:0						
10-30 m			1					/		
30+ m			/							
HOTOGRAP		107			7				147. (0.	* ==
OWNSTREA	M PHOTO	#: IMGP	Ž				AM BANK PH EAM BANK P			
THER PHOT	O#S:	LM6P								
OMMENTS,	INCLUDIN	G POTENTIAL E	ENHANCEMEN	IT OPPOR	TUNITIES					
- Apr	perent!	y wound	, water	Seep.	Says	Icado	wrec a	el tho	ugh woto	
1640		1 0	-15 4	-oirly	1 /2001	·~			0	
706	Liga	y gound		/	V-3 (X.)					



GENERAL INF	ORMATION				.,		- 0;			
PROJECT #:	1367	NAME OF	PROJE	CT:	TIME ST	ARTED: 9		TIME FINISH		
COLLECTORS	Cole I	edu t	Dec	1		REAM JP	to the Silven	DATE:	016-06	· 0 8
WEATHER:) 00	Overcus	7	140	L. HAL	des c	River- L	0/5	<u> </u>	<u> </u>
10017101	70 C)verco				_				
LOCATION	TERRORY.	GENERAL	ADEA	OF PROJE	OT LOCATI	ON				
NAME OF WAT	KNOW~	- 1	SKI	(1	CCC	440)0		W001	
		TIFYING ATTR		30.		1	41			
Sout	h of E	dsers	500	1 20	om to	efor	c Mer	-lin A	Poul	
GPS COORDIN				35.97			613,77 1			
LAND USE AN	D POLLUTION					1	4.51.1.1			
SURROUNDIN	G LAND USE:		3:	S	OURCES O	F POLLU	TION:			
- Acci	cutual			-	Road	Bur	of Run	.66		
EXISTING STR		E /IE ANV			100	PULLO	EI NUL	017		
						1	-4-	T -		
Bridge ()	Box CulvertO		Open Foot	Culvert O	J,	CSP &		N/A O	
Other O Desc							Size (w x h	n) m ²	0.50	
SECTION TYPI		łology								
TYPE: Stream	m / river C	nannelized	Perman	ent Inf	termittent	Ephem	eral ASSO	OCIATED W	ETLAND:	
17.1	0	6	8		0	0	148	DAKK	yes	
HYDRAULIC H	EAD (mm):	0		Ĭ.		1.5		. Nevent		
Habitat 7	ype S	Substrate		lean width	Mear	depth	Mean	Me	ean	Other
Run, Pool, Rif	ffle, Flat?		V	vetted (m)		ed (m)	bankfuli	ban	kfull	
				_			width (m)	dept	th(m)	
Flot		wolo sio	32 1	4.0	0.7		5	1.	5	
Bedrock	Boulder	Cobble	Gravel	Sa	nd	Silt	Clay	Muck	De	tritus
Br	Bo	Co	Gr		a	Si	Clay	Mu	n le	D
BANK STABIL	ΙΤΥ							"		
		Eroding	q	Vulr	nerable		Protected	5.58171.c	Deposition	Zone
		Angle>45°, e			15°, erodible	Angl	e>45°, non-er		Angle<45° (grad	
		soil, underc	ut or		ign of recent		material/soil	12/10 10%	fine grained &	ediments
		bare so	il	er	osion					
	ostream Bank	0			8		0		. 0	
	ostream Bank	0			6		0		0	
HABITAT) Head i	Desti			L D L :				VI	
IN-STREAM COVER	Undercut banks	Boulders	Cobb	ole Woo	dy Debris		Organic debris	Vascular I	Macrophytes	None
(check all	Danks			Instr	eam 🗸		ueviis	Instream	1/	
that apply; D				moti		_	V			
is for				Over	hanging 🗸			Overhang	ing 🗸	
dominant										
cover):										

101 1 1 1 1	100 – 90	,, l	90 – 60%		60- 30%		30 – 1%		None
(% stream shaded):	0		0		0/		0		0
VEGETATION TYPE (D for dominant):	Subi	mergent		Floatin	g		Emergent	H	None
Predominant Species		_	ĺ)ucku	reel				
IIGRATORY	None		Se	asonal/Ter			Permanen	it	
BSTRUCTIONS:	Colve	4019	h cole	t			6		
OTENTIAL CRITICAL HABITAT IMITING:	Spawning	-	Ev		Groundwate Water	er er	Other		
RIPARIAN COMMUN	VITY								118
Oun(b)	V 11-0	M 21	21301	Dominant	Vegetation	Туре	20-3	10 7	MJOG
		Upstream E					ight Upstrea		S 1125 11 12
Riparian None	Cultivated	Meadow	Scrubiana	Forest	None Marsh	Cultivated	Meadow	Scrublan	d Fores
1.5-10 m							4		
10-30 m			-						
		791						- 15	
30+ m			i i i i		\[\psi \				
HOTOGRAPHIC REC	ORD:			100					
PSTREAM PHOTO #:		65	59	LEF1	UPSTREA	M BANK PH	OTO #: 7	MLP	6260
	7 H 1 A. I	1 62	-71				HO (O #:	LVGP	1.61
OWNSTREAM PHOTO	100		l	-					
OWNSTREAM PHOTO	Ground ,		Input	Zn6	P 6	528			
OWNSTREAM PHOTO	Ground a	vete				528			9.000
OWNSTREAM PHOTO THER PHOTO #S: OMMENTS, INCLUDIN	Srovad N NG POTENTIAL	ENHANCE	MENT OPPOI	RTUNITIES			1		out
OWNSTREAM PHOTO THER PHOTO #S: OMMENTS, INCLUDIN	Srovad N NG POTENTIAL	ENHANCE	MENT OPPOI	RTUNITIES			it well	ter in	put
OWNSTREAM PHOTO OTHER PHOTO #S: OMMENTS, INCLUDING Although	Sound of Pond	ENHANGE 13 N	went oppose what fl discover	NTUNITIES ک ۱۷ ۱۷ وروط	j h	smal rele	il wed	ter inj	put Sussecti
COWNSTREAM PHOTO OTHER PHOTO #S: COMMENTS, INCLUDING A HOUGH GROWN TU	pond ditch	ENHANGE 13 N	went oppose what fl discover	NTUNITIES ک ۱۷ ۱۷ وروط	j h	smal rele	it was	tering 1°c due	put Sussecti
OWNSTREAM PHOTO THER PHOTO #S: OMMENTS, INCLUDIN	pond ditch	ENHANGE 13 N	went oppose what fl discover	NTUNITIES ک ۱۷ ۱۷ وروط	j h	smal rele	il well	tering 1°c due	put Sussecti
COWNSTREAM PHOTO DITHER PHOTO #S: COMMENTS, INCLUDING CAI Though Ground La	pond ditch	ENHANGE 13 N	went oppose what fl discover	NTUNITIES ک ۱۷ ۱۷ وروط	j h	smal rele	it was	tering 1°c due	put Sussecti
SOWNSTREAM PHOTO OTHER PHOTO #S: OMMENTS, INCLUDING A HOUGH GOON TU GOON TU Trespassi	Pond ditch te Apo	ENHANGE 13 N	went oppose what fl discover	NTUNITIES ک ۱۷ ۱۷ وروط	j h	smal rele	it well wes t	tering 1°c due	put Sussecti
COWNSTREAM PHOTO DITHER PHOTO #S: COMMENTS, INCLUDING CAI Though Ground La	Pond ditch te Apo	ENHANGE 13 N	went oppose what fl discover	NTUNITIES ک ۱۷ ۱۷ وروط	j h	smal rele	it wellings there	tering 1°c due	put Sussecti
SOWNSTREAM PHOTO OTHER PHOTO #S: OMMENTS, INCLUDING A HOUGH GOON TU GOON TU Trespassi	Pond ditch te Apo	ENHANGE 13 N	went oppose what fl discover	NTUNITIES ک ۱۷ ۱۷ وروط	j h	smal rele	it wol	ter in l'ec	put Sussecti
SOWNSTREAM PHOTO OTHER PHOTO #S: OMMENTS, INCLUDING A HOUGH GOON TU GOON TU Trespassi	Pond ditch te Apo	ENHANGE 13 N	went oppose what fl discover	NTUNITIES ک ۱۷ ۱۷ وروط	j h	smal rele	it woldings there	tering 1°c due	put Sussect



GENERAL	INFORMATIO	N									
PROJECT	#:/,		OF PROJE	CT:	TIME STAR		1	IME FIN	ISHED:		
	5 74	Laya	15+ 9	olar	13:4				21		
COLLECTO	DRS:	1) 5	0		STRE	AM ID	#: 11 01 0	DATE		-	,
		tarlin to S	ean ko	binson	Intuit	ary L	to the Salaca R.	e (C	16-08	-6,	
WEATHER	3100	4/10 00									
		TILU co								_	
LOCATION	WATERBODY:	CENE	AL ADEA	OF PROJEC	T LOCATION						
		GENER				^	1				
Unkno	wn			irts of	Tamu	0140	n				
CHAINAGE		ENTIFYING AT									
Count	y Road	77, S M): 187	cuth	of M	arlin l	20ad					
GPS COO	RDINATES (UT	M): 187	344	433.00	E 49	11915	8,00N				
	AND POLLUT			-3	AND RESIDENCE OF						
SURROUN	DING LAND US	SE:			URCES OF I						
Wet	1 1				load M	v -0	E).				
EXISTING	STRUCTURE T	YPE (IF ANY)_									
Brid	ge O	Box Culver	0	Open Foot C	culvert O		CSP 0	4.5		4 0	
	Describe:	15.					Size (w x h	յ m ²	Scm rac	ling	
SECTION	TYPE AND MO	RPHOLOGY					1,000		MET AND		
TYPE:	Stream / river	Channelized	Perman	ent Inte	rmittent	Ephem	eral ASSC	CIATED	WETLAND:		
	0	0	0		Ø	O					
HYDRAUL	IC HEAD (mm)		W	"			•				
Habi	tat Type	Substrate	N	lean width	Mean d	lepth	Mean		Mean		Other
Run, Poo	I, Riffle, Flat?		V	vetted (m)	wetted	l (m)	bankfull		bankfull		
							width (m)	- 0	lepth(m)		
Poo	l .	60% Muc		7.7 n	0.3		4.1	5	30		
100	1	40% Det	itus	OITK			4.1				
Bedrock	Boulder	Cobble	Gravel			ilt	Clay	Mu			ritus
Br	Во	Со	Gr	Sa		Si	CI	M	u)
BANK STA	BILITY										
		Eroc	ling	Vulne	erable		Protected		Depo	sition 2	Zone
		Angle>45°	, erodible	Angle>45	o°, erodible	Angl	le>45°, non-er	odible	Angle<45°		
		soil, und		_	n of recent		material/soil		fine grain	ned se	diments
		bare	soil	eros	sion		,				
	ft Upstream Ba		/)		0			0	
Rig	nt Upstream Ba	ank C	5		<u> </u>		0			0	
HABITAT						- "			التسيية		
IN-STREA		l l	Cobb	ole Wood	y Debris		Organic	Vascul	ar Macrophy	ytes	None
COVER		·					debris	Im =4	_ /		
(check a				Instrea	am /	2		Instrea	m		
that apply is for	, 5			Overh	anging /			Overha	anging /		
domina	nt T			Overn				5.01116	aa		
cover):											

SHORE C		100 – 90	%	90 – 6	0%	60- 30%		30 – 1%		None
(% stream s	haded):	0		0		0		0		0
VEGETATION (D for dom		Sub	omergent		Flo	ating	4	Emergent		None
Pre	dominant Species		/		/		large-	fruited Roed		
MIGRATORY DBSTRUCTIO	NS:	None			Seasonal	Temporary	_	Permaner	nt	
POTENTIAL CRITICAL HA LIMITING:	BITAT	Spawning	×		Evidence	of Groundwa	ater	Other		
RIPARIAN	COMMUN	IITY								
				13.74	Domina	ant Vegetatio				
	None		Upstream		towal Fee			Right Upstre		
Riparian Zone	Mone	Cultivated	Meadow	Scrub	oland Fore	and	Cultivated	Meadow	Scrubland	wetter
1.5-10 m										
10-30 m						0				
10-30 m 30+ m										
30+ m PHOTOGRAP		DRD:								
30+ m PHOTOGRAP JPSTREAM P	НОТО #:		LV .				AM BANK PH			
30+ m PHOTOGRAP	HOTO #: M PHOTO		[A]				AM BANK PHEAM BANK F			
30+ m PHOTOGRAP JPSTREAM P DOWNSTREA OTHER PHOT	HOTO #: M PHOTO O #S:)#: IG POTENTIAL	- ENHANC	EMENT C	PPORTUNIT	IGHT UPSTR	EAM BANK F	PHOTO #:		
30+ m PHOTOGRAP JPSTREAM P DOWNSTREA OTHER PHOT	HOTO #: M PHOTO O #S:)#: IG POTENTIAL	ENHANC	EMENT C	PPORTUNIT	IGHT UPSTR	EAM BANK F	PHOTO #:	nol area	
30+ m PHOTOGRAP JPSTREAM P DOWNSTREA OTHER PHOT	HOTO #: M PHOTO O #S:)#: IG POTENTIAL	ENHANC disally	EMENT C Throw for p	PPORTUNIT	IGHT UPSTR	EAM BANK F	PHOTO #:	ool area	fertion
30+ m PHOTOGRAP JPSTREAM P DOWNSTREA OTHER PHOT	HOTO #: M PHOTO O #S:)#: IG POTENTIAL	ENHANCe discally except	throw for 10 North	PPORTUNIT	IGHT UPSTR	EAM BANK F	PHOTO #:	ool area	fertion
30+ m PHOTOGRAP JPSTREAM P DOWNSTREA OTHER PHOT COMMENTS, Grave Water Measure	M PHOTO O #S: INCLUDIN Local arse te coments	o#: IG POTENTIAL Ped penc IS dry e R Soul Cuelled	dically except to width.	throw for 10 North etc) 4	opportuniting horasol are	IGHT UPSTR	EAM BANK F	PHOTO #:	ool uraq	fertion
30+ m PHOTOGRAP JPSTREAM P DOWNSTREA OTHER PHOT COMMENTS, Grave Water Measure	M PHOTO O #S: INCLUDIN Local arse te coments) #:	dically except to width.	throw for 10 North etc) 4	opportuniting horasol are	IGHT UPSTR	EAM BANK F	PHOTO #:	ool area	fertion
30+ m PHOTOGRAP JPSTREAM P DOWNSTREA OTHER PHOT COMMENTS, Grave Water Measure	M PHOTO O #S: INCLUDIN Local arse te coments	o#: IG POTENTIAL Ped penc IS dry e R Soul Cuelled	dically except to width.	throw for 10 North etc) 4	opportuniting horasol are	IGHT UPSTR	EAM BANK F	PHOTO #:	ool area	fertion
30+ m PHOTOGRAP JPSTREAM P DOWNSTREA OTHER PHOT COMMENTS, Grave Water Measure	M PHOTO O #S: INCLUDIN Local arse te coments	o#: IG POTENTIAL Ped penc IS dry e R Soul Cuelled	dically except to width.	throw for 10 North etc) 4	opportuniting horasol are	IGHT UPSTR	EAM BANK F	PHOTO #:	ool area	fertion



GENERAL INF	ORMATION	3 7 5 - 5									
PROJECT #:	6364	H LOYC	F PROJECT	CT:	TIME STAR	TED	٦	IME FIN	WSHED:		
COLLECTORS:	Cale	Hartin			Fibila	IS VI	to the Solma	DAT	E: 2016	.06	-20
WEATHER:	DUNNY	< 1/1 >	8°C			9/	0/5	**			
LOCATION	00114	SIU 2	0								
NAME OF WAT	FRRODY	GENERA	LAREA	OF PROJEC	T LOCATION	ı.					
\ \			skinds		1200011011						
CHAINAGE OR			RIBUTE:	0 6t C	707 (10-	_					
west or	finter	Section 1	of Te	skeydo	ind H	WY	27				
GPS COORDIN	ATES (UTM)	18T 3			491	957	6711				
LAND USE AND	D POLLUTIO		40100	10212	41.	1016	, 0 1 1/				-
SURROUNDING				so	URCES OF I	POLLU	TION:				*
- Acrechi				-(Road	Rin	Af -				
- Rosida	A id			_	Packe	durch	RUNOTE	-			
EXISTING STR	UCTURE TY	PE (IF ANY)			5. 500						
Bridge O		Box CulvertO	. (Open Foot C	ulvert O		CSP Q		N/A	A O	
Other O Descr	ibe:						Size (w x h) m ²	-04	N	
SECTION TYPE		HOLOGY									
		Channelized	Permane	pt Inter	mittent	Ephem	neral ASSC	CIATE	WETLAND:		
	d	0	0		0	0	110	Know	~/ ^		
HYDRAULIC HE	EAD (mm):		2.50				10.				
Unhitet T		Substrate	M	ean width	Moon d	lonth	Mean		Mean		Other
Habitat T Run, Pool, Riff		00001.010		etted (m)	Mean d	-	bankfull		bankfull		Other
						` ′	width (m)		depth(m)		
8		GRIS M	10 .	~ 0,		1	11.0		1))		
1202		CO65 D	10	0.00	<u> </u>	1	1101		1-42		
Bedrock Br	Boulder Bo	Cobble Co	Gravel Gr	San		ilt Si	Clay		ıck Tu		ritus O
БГ	БО	Co	Gr	Sa)!	CI	14	lu		,
BANK STABILI	TY						بتبييا				
		Erodir Angle>45°, e		Vulne	rable °, erodible	A 2.0	Protected le>45°, non-ero	odiblo	Depos Angle<45°	sition Z	
		soil, under		soil, no sig		Alig	material/soil	Juible	fine grain		
		bare so		eros			materialioon		iiio giaii	.00 00	an rior no
Left Up	stream Ban			()		0			0	
Right Up	stream Ban	· 0/		()		0			0	
HABITAT											
IN-STREAM	Undercut	Boulders	Cobbl	le Woody	Debris		Organic	Vascu	lar Macrophy	tes	None
COVER	banks			2			debris	1- 1			
(check all that apply; D		\vee	V	Instrea	ım 🧪	,	_	Instrea	am /		
is for				Overha	anging 🖊			Overh	anging		
dominant									a		
cover):											

SHORE C		100 – 90 %	90 – 60	0%	60- 30%		30 – 1%	N	one
(% stream s	shaded):	0	0		0		0		0
VEGETATION (D for dom		Submerge	nt	Floatin	g		Emergent		None
Pre	dominant Species					43			
MIGRATORY DBSTRUCTIO	DNS:	None Yes opstron	drei dom	Seasonal/Ten	nporary		Permane	nt	
OTENTIAL RITICAL HA	BITAT	Yes opstrent Spawning Podentidly Cy	pril	Evidence of C	Groundwate		Other		
RIPARIAN	COMMUN	NTY							
		Left Upstre	am Bank	Dominant '	Vegetation ⁻		ight Upstre	am Bank	-
Riparian	None	Cultivated Mead		oland Forest	None	Cultivated	Meadow	Scrubland	Fores
Zone			/						
1.5-10 m		\	/						
10-30 m								7	~
30+ m				/					-
HOTOGRAP	HIC RECO	ORD:							
IPSTREAM F	ното #:	IMGP 636	9	LEFT	UPSTREA	M BANK PH	ОТО #: 👙	LMIP 6371	
		#: JH6P 36	68	RIGH	IT UPSTREA	AM BANK P	ното #: 🍸	M6P6375	2
OMMENTS		IG POTENTIAL ENHA	NCEMENT	DPORTUNITIES			_		
OWNIENTS,	INCLUDII	IG POTENTIAL ENHA	ANCEMENT C	PPORTUNITIES					
	,								
-130	Wad	U -							
-130	-le	~?							
10		(
		side obs	505,10						
- Son	ne U	prinids ob:	2000			(1 1		
O 1	١.	1	(.	iant	due-	do 1	cted.	emp	
	endia	lly ground	WO F	Intho	Cao	•		1	
- Pad									
- Pd		,							
- Pad									
- Pad									
- Pad									
- Pad									
- Pad									



GENERAL INF	ORMATION									
PROJECT #:	636F	NAME O	F PROJE	CT:	TIMES	TARTED:	1	TIME FIN	NISHED: S. 09	
COLLECTORS:	0 1	11 11				TREAM II	- P	DAT	2016-0	()
	Cale	that _	5		1/1	bulgs 2.1	to the Silma Li	Æ	9916-5	620
WEATHER:	SUNNY	1</td <td>80</td> <td>,</td> <td></td> <td></td> <td>US</td> <td></td> <td></td> <td></td>	80	,			US			
LOCATION	001019	0/10	78) C							
NAME OF WAT	ERBODY:	GENERA	L AREA	OF PROJ	ECT LOCAT	ION:				
Unknow		0.4			Cros					
CHAINAGE OR		NTIFYING ATTR		3 64	City	ROM				
	_	er Seallon		Test	eyld	and t	(w) 7 T			
GPS COORDIN	ATES (UTM)						67N			
LAND USE AND	O POLLUTIO		4) (0	1.00	- 1	14010	10			
SURROUNDING					SOURCES	OF POLL	UTION:			
-Agricultu	iral,									
- Residen	tial									
EXISTING STR	UCTURE TYP	PE (IF ANY)		_ = _ ^						
Bridge C)	Box CulvertO		Open Foo	ot Culvert O		CSP O		N/A	0
Other O Descr	ribe:						Size (w x h) m ²	r=0.4	m
SECTION TYPE	AND MORP	HOLOGY								
TYPE: Strea	m / river C	Channelized	Permane	ent I	ntermittent	Ephe	illerai	1	WETLAND:	
	0/	0	0	-	0			~ Kr	OWY	
HYDRAULIC HI	EAD (mm):									
Habitat T	ype	Substrate	M	lean widt	h Me	an depth	Mean		Mean	Other
Run, Pool, Rif			w	etted (m)		tted (m)	bankfull		bankfull	
		0 - 1 - 3	_			-	width (m)	- 1	depth(m)	
Rus		itso My J	3	n 4	z (2)	10	1 6	10	265	
Padraek	Paulder	Cobble Cobble	Gravel	1, 10		Silt	Clay	A4.	uck	Detritus
Bedrock Br	Boulder Bo	Cobble	Gravei		Sand Sa	Si	Clay Cl		lu l	Detritus
DANK STABILL	TV	-		_						
BANK STABILI	1 Y	Erodin	ıa .	Vu	Inerable		Protected		Denos	tion Zone
		Angle>45°, 6			>45°, erodibl	e An	gle>45°, non-er	odible		gradual slope),
		soil, under		_	sign of rece		material/soil			ed sediments
	بجب	bare so	ail lig		erosion					
	stream Bani	0			0		0			0
Right Up	stream Banl	6 6			0		0			0
HABITAT			W							
IN-STREAM COVER	Undercut	Boulders	Cobb	le Wo	ody Debris		Organic debris	Vascu	lar Macrophyt	es None
(check all	banks			Inet	tream C		uenis	Instrea	am	
that apply; D				11131	a suili –		_	gu ce		
is for				Ove	erhanging			Overh	anging	
dominant										
cover):										

SHORE Co		100 - 90 O	%	90 – 60 O	%	60- 30%	/	30 – 1% O		one O
VEGETATIO		Sub	mergent		Floatin	g		Emergent		None
(D for dom	inant): dominant									
Pre	Species						Frasm.	1705		
IIGRATORY BSTRUCTIO	NS:	None			Seasonal/Ten	nporary		Permaner	nt	
OTENTIAL CRITICAL HAI	BITAT	Spawning			Evidence of 0	Groundwa	ater	Other		
RIPARIAN	COMMUN	NITY						*	7 17 7	
					Dominant \	Vegetatio	n Type	5,777	110 11	7104
			Upstream E					Right Upstre		
Riparian Zone	None	Cultivated	Meadow	Scrub	land Forest	None	Cultivated	Meadow	Scrubland	Fores
1.5-10 m			V					/		
10-30 m			/						/	
30+ m			/							
HOTOGRAPI	HIC REC	DRD:								
PSTREAM P							AM BANK PH			
OWNSTREA)#:			RIGH	T UPSTR	EAM BANK P	ното #:		
OMMENTS, I	NCLUDIN	IG POTENTIAL	ENHANCE	MENT O	PPORTUNITIES	:				
1,0,										
-11 (•									
	\	1	. 1	,	,	(150	no m		
Rland	- di	out on	ford id	110	l owner	Cla	~) m	BILL C	0	
12100	, 9,	,001 PO		, , ,						
Brook	100	tarin	1a S	od rec	.~					
					servel,	shee	a ples	sert.		
V:							,			
Lord	Dune	State	1 thet	ed	Ret recm re	ever	gees d	by Ye	201001	()
			lo O Yes		number of page	h /	h.	11/	716.	



GENERAL INFO	ORMATION										
PROJECT #:	636 74	NAME OF	PROJECT:	(ar	IME START	ED:		IME FIN	ISHED:	411	
COLLECTORS:	lactint	Sean Ro	shirson	0	STREAT		12 to the Salnu	DATE	2011	5-0	8-23
		11024			THE STATE OF THE S	1	River				
LOCATION	Jimga	1100									
NAME OF WAT	ERBODY:	GENERAL	AREA OF	PROJECT L	OCATION:					_	
. \			1.60			EJ	iges ro	C			1
CHAINAGE OR		TIEVING ATTRI	DIITE:	C	12 ON	FC	1800 10	Un			
				_	97.1		64. Væ				
GPS COORDINA	oh e	dges 1	oadl	peror	e fran	~	ract				
		18T 34	3763.6	DZE	49195	76.6	57 N				
LAND USE AND				2011			101				
SURROUNDING					al ca						
- Agricultre	A.			= Ko	an ion	، ایس	run OFF	/			
- betland		- NAS WAY		71 ~	SCICOLL	Ure(1	VA 01 1				
EXISTING STRU	JCTURE TYPE	(IF ANY)									
Bridge O	•	Box CulvertO	Ор	en Foot Culv	vert O	1	CSP O		N/A	O	
Other O Descr	ihe:						Size (w v h)	m ²	= 0.2	<u>െ</u>	
SECTION TYPE		OLOGY					Size (W X II)	111			
			Permanent ^e	Intermi	ittent F	pheme	eral ASSO	CIATED	WETLAND:		
TITE. Olica	OII			- //			ye ye	5			
LIVERALILICAL	0	0	0	Ø		0		J ::			
HYDRAULIC HE	EAD (MM):										
Habitat T	vpe S	ubstrate	Mea	n width	Mean de	pth	Mean		Mean	C	Other
Run, Pool, Riff			wette	ed (m)	wetted		bankfull		bankfull		
				/			width (m)	(depth(m)		
	, N	1065		_		-	000		0.35		
		035		7			0.68		$\cup_{i}\cap J$		
Bedrock	Boulder	Cobble	Gravel	Sand	Sil	t	Clay	Mu	ıck	Detri	tus
Br	Во	Co	Gr	Sa	Si		CI	M	lu	D	
BANK STABILI	TY										
Brittin G Tribita		Eroding		Vulnera	ble		Protected		Depo	sition Z	one
		Angle>45°, e		Angle>45°, e		Angle	e>45°, non-ero	dible	Angle<45°		
		soil, underc		oil, no sign o	of recent		material/soil		fine grain	ned sed	iments
		bare so	il	erosio	n						
	stream Bank	0		0			0/			0	
Right Up	stream Bank	0		0			Ø		(8)	0	
HABITAT					- "						
IN-STREAM	Undercut	Boulders	Cobble	Woody D	ebris		Organic	Vascul	ar Macrophy	tes	None
COVER	banks				. /		debris		:/		
(check all			1	Instream				Instrea	ım 🗸		
that apply; D		1 7	1 7		/			O I.	nales t	/ 1	
is for dominant		′	'	Overhan	ging 💙			Overha	anging 🗸		
cover):											

SHORE C		100 – 90 9	%	90 – 60%		60- 30%		30 – 1%	N	one
(% stream s	haded):	0		0		0		0		0
VEGETATIO (D for dom		Subr	nergent		Floatin	g		Emergent		None
Pre	dominant Species						Torco	stral	brases	
MIGRATORY		None		Sea	sonal/Ter	nporary	- GIE	Permaner		
OBSTRUCTIO	NS:				Curre	rol/2 ()17			
POTENTIAL CRITICAL HA LIMITING:	BITAT	Spawning		Evi	dence of (Groundwa	iter	Other		
RIPARIAN	COMMUN	NITY								
			14 5 17		ominant	Vegetatio		73 F S	40 -1	ecks 1
	None	Left (Jpstream Ba	Scrubland	Forest	None	Cultivated	ight Upstre	am Bank Scrubland	Forest
Riparian Zone	None	Cultivated	INIEAGOW	Scrubianu	rorest	None	Cultivated	Meadow	Scrubiand	Forest
1.5-10 m				/						
10-30 m										X
30+ m				/						×
PHOTOGRAP	HIC RECO	ORD:								
UPSTREAM P							AM BANK PH			m
DOWNSTREA OTHER PHOT) #:			RIGH	IT UPSTR	EAM BANK P	НОТО #:		
OTTLENTHOT	O #3.									
COMMENTS,	INCLUDIN	IG POTENTIAL	ENHANCEM	IENT OPPOR	TUNITIES	:				THE S
-(pm	Olete	in Din								
00.		1 17								
C 1	$\sqrt{}$			1.1:	640	T	dea line			
-Colve	415	in poor	- Cond	19100	. UNAK	- 117	-			
200	11 21									
-OCCAS	210011	1 Moved								
			/							



GENERAL INFORMATION								
PROJECT #: 63674	NAME OF	PROJECT		IME STAR		TIME	FINISHED:	
COLLECTORS:	C) 1		STRE	AM ID #:	14	DATE	C. 27
Cale Hartin	1 Dean	KODINSON	۸	Intertai	y 23 to the	Salmon	2016-0	8-63
WEATHER: SUNNY	31°C	5/10	CC			KILLY		
LOCATION								
NAME OF WATERBODY:	GENERAL	AREA OF	PROJECT	OCATION		, 1 /) 1	
Chlinain	East		unty Fo	ad Ci	on 1	Yarlin k	ood 5	
CHAINAGE OR OTHER IDEN	TIFYING ATTRI	BUTE:		1. 1			, V	
						Croyo	don	
GPS COORDINATES (UTM):	18T 3	34430	2,30 E	4	919988.	98N		
LAND USE AND POLLUTION								
SURROUNDING LAND USE:	A 0	٨			OLLUTION:			
Con pasture Charle	N; welland	d .	Agr	joultur	al runa	M		
1 Meadar	Csan	h)	KČE	d Run	011			_
EXISTING STRUCTURE TYPE								
Bridge O	Box CulvertO	Op	en Foot Culv	vert O	CSP	9	N/	A O
Other O Describe:					Siz	ze (w x h) m ²	17.5	
SECTION TYPE AND MORPH	IOLOGY							
TYPE: Stream / river Ch	nannelized	Permanent	Intermi	ittent	Ephemeral	ASSOCIA	TED WETLAND	:
0	0	О	Ø		0			
HYDRAULIC HEAD (mm):	0 (no ha	ter)					
Habitat Type S	ubstrate	Mea	n width	Mean de	epth	Mean	Mean	Other
Run, Pool, Riffle, Flat?		wett	ed (m)	wetted		ankfull	bankfull	
	GC	5	_			idth (m)	depth(m)	
	501 55	Mus '			ſ	.2	0.35	
Bedrock Boulder	Cobble	Gravel	Sand	Si	lt (Clay	Muck	Detritus
Br Bo	Со	Gr	Sa	S	i	CI	Mu	D
BANK STABILITY								
	Eroding		Vulnera					osition Zone
	Angle>45°, er soil, underc		Angle>45°, e soil, no sign o		-	', non-erodibl erial/soil		° (gradual slope), ined sediments
	bare soi		erosio		man	criai/3011	line gra	inca scarrionts
Left Upstream Bank	0		O		c c	6		0
Right Upstream Bank	0		0			8		0
HABITAT								
IN-STREAM Undercut COVER banks	Boulders	Cobble	Woody D	ebris	_	janic Va bris	scular Macroph	ytes None
(check all			Instream	~	l de		stream	
that apply; D	/	\times		100			,	7
is for	*		Overhang	ging /		Ov	erhanging	
dominant cover):								

(% stream s	OVER	100 - 90	%	90 - 60 O	%	60- 30% O		30 – 1% O		one O
VEGETATIO			omergent		Flo	ating		Emergent		None
	edominant Species	7	/			/	1 1	/		
MIGRATORY DBSTRUCTION		None				Temporary	ecesarily dry)	Permanei	nt	
POTENTIAL CRITICAL HA LIMITING:	ABITAT	Spawning	/			of Groundw		Other		
RIPARIAN	COMMUN	ITY			**-					
		- LEACTART	- 1		Domin	ant Vegetati	on Type			
		Left	Upstream E			10 L		Right Upstre	am Bank	
Riparian Zone	None	Cultivated	Meadow	Soruti	and For	est None	Cultivated	Meadow	Scrubland	Fores
1.5-10 m			11	e 1 1 1				/		
10-30 m	5-2	a Ultra			/			/		+
30+ m										
HOTOGRAF		PRD:	ite .							7
JPSTREAM F							EAM BANK PH			
DOWNSTREADTHER PHOT		**.				CIGHT UPST	REAM BANK F	HOTO#:		
- Crack - value Ion	led 5. ercourse depr	anks, etc	ates p lely dry her th	ast pl 4 at our a	time a define	d week	imad re errousse (es a hat	urally getaka
defi - culver	+ 13	raised	abare			'		- 55		



GENERAL INF	ORMATION										
PROJECT #:	367	H NAME OF	PROJEC	Solo TI	IME STAP	TĘD:	9	IME FIN	IISHED:		
COLLECTORS:	Cole !	1ctin d			STRE		#: + 16 the Seedown	DAT	E: 20/	6.06	80.0
WEATHER:		WIN F	DEAS	FRANC	Incur	ay le	Civer- U	6	701	, ,	00
WEATHER.	200	Overce	+				(#1000 Te				
LOCATION											
NAME OF WAT		GENERAL	AREA C	F PROJECT L	OCATION		1				
untho)w~	Ou.	45	tirds (01	ردن	nohyo				
CHAINAGE OR	OTHER IDE	NTIFYING ATTRI				8					
SUNT	hot	Edge	rs	road	2000	n t	Defore	MCr	-lin 1	Poch	
GPS COORDIN	ATES (UTM)			35.97E							
LAND USE AND	D POLLUTIC		140				5/// 10				
SURROUNDING	JAND USE	:	1.7	sour	CES OF P	QLLU	JTION;				
-Agrice	rerd			-17	oca r	Lyn	of f	۸,			
				-A	grice	100	rel Rum o	, d'L			
EXISTING STR	UCTURE TY	PE (IF ANY)						- Y		- 11	
Bridge C)	Box CulvertO	(Open Foot Culv	rert O		CSP C			N/A O	
Other O Descr	ribe:						Size (w x h) m ²	0.50		
SECTION TYPE		PHOLOGY					GIZO (W X II				
TYPE: Strea	m / river	Channelized	Permane	nt Intermit	ttent I	Ephen	neral ASSC	CIATE	WETLAN	ID:	
1.1(1)	0		N	0		0	a.c., h.y.,	405			
HYDRAULIC HI				65							
	` ′	2	8.5	1 N +							
Habitat T		Substrate		ean width	Mean de	•	Mean		Mean		Other
Run, Pool, Rif	fle, Flat?			stied (III)	wetted	(m)	bankfull		bankfull		
		Gr-50 D.	30				width (m)		depth(m)	+	
Kun	.	64-20		0.50	0.8	X	1.8	0	0,45		
Bedrock	Boulder	Cobble	Gravel	Sand	Si		Clay	-	ıck	Det	ritus
Br	Bo	Co	Gr	Sa	s		CI		lu		D
BANK STABILI	T∨										
BANK STABILI	''	Eroding	, 1	Vulneral	ble	-	Protected		De	position .	Zone.
		Angle>45°, er		Angle>45°, e		Ang	gle>45°, non-ero	dible			ual slope),
		soil, underc		soil, no sign o	f recent		material/soil		fine g	rained se	diments
	سنند	bare soi	il	erosior	/						
Left Up	stream Ban	k O		6			0			0	
Right Up	ostream Ban	k o		6			0			0	
HABITAT											
IN-STREAM	Undercut	Boulders	Cobbl	e Woody D	ebris		Organic	Vascu	lar Macro	hytes	None
COVER	banks		_		./		debris		10		
(check all				Instream				instrea	ım 🗸		
that apply; D is for				Overhang	aina			Overh	anging -		
dominant			9	Overnant	99				~··aa		
cover):											

Zone 1.5-10 m 10-30 m 30+ m PHOTOGRAPHIC RECORD:	SHORE COV		100 – 90	%	90 – 60	%	60- 30%		30 – 1%		None
(D for dominant): Predominant Species MIGRATORY DISTRUCTIONS: Culved Gale Permanent Species Difference of Groundwater Other Cultivated Spawning Cultivated Meadow Scrubland Forest None Cultivated Meadow Scrubland 1.5-10 m 10-30 m 10-30 m 10-30 m 10-30 m Cultivated Meadow Scrubland The Cultivated Meadow Scrubland Forest None Cultivated Meadow Scrubland The Cultivated Meadow Scrub					0		5		0		0
MIGRATORY DESTRUCTIONS: COTENTIAL IMITING: RIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Riparian Zone 1.5-10 m 10-30 m 10-30 m 10-30 m LEFT UPSTREAM BANK PHOTO #: THE PHOTO			Sub	mergent	y I	Floati	ng		Emergent		None
DESTRUCTIONS: COVER GAL POTENTIAL PRITICAL HABITAT LIMITING: RIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Riparian Zone 1.5-10 m 10-30 m PHOTOGRAPHIC RECORD: PESTREAM PHOTO #: DOWNSTREAM PHOTO #: DOWN					11	\rightarrow	Ric	Kweel		3.4	
CRITICAL HABITAT IMITING: RIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Riparian Zone 1.5-10 m 10-30 m 30+ m PHOTOGRAPHIC RECORD: DIPSTREAM PHOTO #: THE COUNTY COMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES:			celvet	gale		Seasonal/Te		5			
RIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Riparian None Cultivated Meadow Scrubland Forest None Cultiva	RITICAL HABIT				rō.	Evidence of	Groundwa	ater	Other		lon.
Left Upstream Bank Right Upst	RIPARIAN CO	MMUNIT			-		7 9				
Riparian Zone 1.5-10 m 10-30 m 10-30 m HOTOGRAPHIC RECORD: PSTREAM PHOTO #: THIS CONSTREAM PHOTO #	1213	1 2011		270 150	2008	Dominan	t Vegetatio	The second second second	7 7		3() C
TOTOGRAPHIC RECORD: UPSTREAM PHOTO #: DOWNSTREAM PHOTO #: DOWNSTREAM PHOTO #: DOWNSTREAM PHOTO #: DOWNSTREAM BANK PHO		was T					4				1770 140
10-30 m 30+ m PHOTOGRAPHIC RECORD: UPSTREAM PHOTO #: The case Right upstream bank photo #: The case Right	Kiparian	None	-		Scrubi	and Forest	None	Cultivated	Meadow	Scrubland	Forest
30+ m PHOTOGRAPHIC RECORD: UPSTREAM PHOTO #: JM6P (26) DOWNSTREAM PHOTO #: JM6P (26) RIGHT UPSTREAM BANK PHOTO #: JM6P (26) OTHER PHOTO #S: COULT COLC JMP (26) COMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES:	1.5-10 m		434	37.00	V		2			V	5- 1-A
PHOTOGRAPHIC RECORD: JPSTREAM PHOTO #: TMGP (26) DOWNSTREAM PHOTO #: TMGP (26) RIGHT UPSTREAM BANK PHOTO #: TMGP (26) OTHER PHOTO #S: COLUCT COL	10-30 m				V					V	
LEFT UPSTREAM BANK PHOTO #: ZM6P (261) POWNSTREAM PHOTO #: ZM6P (261) RIGHT UPSTREAM BANK PHOTO #: ZM6P (261) POWNSTREAM PHOTO #: ZM6P (261) RIGHT UPSTREAM BANK PHOTO #: ZM6P (261) COMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES:	30+ m				V	/	7.			V	
DESTREAM PHOTO #: THE COUNTY AND THE PHOTO #: THE PHOTO #	HOTOGRAPHIC	RECOR	D:				-				
Color sole Twp (26) COMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES:				626		LEF	T UPSTRE	AM BANK PH	юто #: 🏒	M6P (6264
COLUCAT & CAC LIMP (26) COMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES:			711/10	626	7	RIG	HT UPSTR	REAM BANK P	ното #:	INGP 6	263
COMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES:	THER PHOTO	#S:	Cul	ucto	che	Liver	21.51	. 1			
	COMMENTS, INC	CLUDING									
						(5					
					3						
12° Enduterp		100									
12° Enduterp											
1 d C worten)	10	0	1.	1 -							
	10	. 6	wood	tenj.)						
the second secon											
		- 1	∃€								
	dditional Natar			0.4			1//	D DESCRIP	TION A	11	



GENERAL IN	FORMATION										
PROJECT #:	163674		OF PROJE		TIME STAF	Q 4	1	100	NISHED: 4 (
COLLECTORS	3: ,	^	1			EAM ID		DAT	2016	0	\ 2
- Cale H		Sen Ro			Interf	ary 3	to the Salma A	let .	2016	78	ત્ર)
WEATHER:	unny "	2110 2	1300								
LOCATION											
NAME OF WA	TERBODY:				CT LOCATION						1
Unknow	n	700	- linil	s of Ta	mworth	Sarl	thormille	- Caal	Eston	1166	serlitual
CHAINAGE OF		NTIFYING AT	RIBUTE:	20110		1			,	1) /
Corner	of Mil	ler and	1 Ha	95er 4	road.						
GPS COORDII	NATES (UTM): ()		8	1:0-		ale Al				
		181	34175	4,221	49222	170	74 N				
LAND USE AN							COMPANIES CONTRACTOR				
SURROUNDIN		Ē:		SC	DURCES OF	POLLU	TION:				
- ASSICUL	501				KORA N	Ahv.	1 fin of	6			
- Kesido	ricl				Mistre	1) Cro	TORDI	<i> -</i>			
EXISTING STR	RUCTURE TY	PE (IF ANY)	- ÷					-			
Bridge (0	Box Culvert	0	Open Foot (Culvert O		CSP d		N	ΑΟ	
011 - 0 . D							1	. 2	P= 0.	20	>
Other O Desc					_		Size (w x h) m	1-00	00	
SECTION TYP			<u> </u>		and the same	E-t	ASSC	CIATE	WETLAND	• /	
TYPE: Stream	am / river	Channelized	Perman	ent Inte	ermittent	Ephen	iciai	4			
	0	0	0		0	0	Un	. tras u	~~		
HYDRAULIC H	IEAD (mm):	0									
Habitat 1	Type	Substrate	P	Mean width	Mean	denth	Mean		Mean		Other
Run, Pool, Ri			l v	wetted (m)	wetted	-	bankfull		bankfull		01.1101
	·					2	width (m)		depth(m)		
		BOJO HUS!	145	MA	1/1	A	1/1/14	0	9		
-			, ps	MIX	101	1 "	14.4	()	. 0		
Bedrock	Boulder	Cobble	Gravel	San	id S	ilt	Clay	Mu	ıck	Det	ritus
Br	Во	Co	Gr	Sa	ı 9	Si	CI	l N	lu		D
BANK STABIL	ı⊤∨						*				
DANK STABIL	.11.11	Erod	ina	Vulne	erable		Protected		Den	osition 2	Zone
		Angle>45°		Tr.	5°, erodible	Ang	le>45°, non-ero	odible			ual slope),
		soil, unde			n of recent	19	material/soil		-		diments
		bare			sion						
Left U	pstream Ban	ık O			0		0/			0	
Right U	pstream Ban	ık o			0		0/			0	
HABITAT	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							- T			
IN-STREAM	Undercut	Boulders	Cobb	ble Wood	y Debris 🦯		Organic	Vascu	lar Macroph	ytes	None
COVER	banks	1			,		debris				
(check all				Instre	am 🗸		1	Instrea	ım		
that apply; D					/						
is for dominant				Overh	anging V			Overh	anging		
cover):											

(0/ -4	OVER	100 – 90 %	6	90 – 60	%	60- 30%		30 - 1%	N ₁	one
(% stream s	haded):	0		0		0		0		0
VEGETATIO (D for dom		Subn	nergent		Floatin	g		Emergent		None
Pre	dominant Species				Section 19 (19 Comments)		-large from	eed bur	reed	
MIGRATORY DBSTRUCTIO	ons:	None			Seasonal/Ten	nporary		Permaner	nt	
POTENTIAL CRITICAL HA LIMITING:	BITAT	Spawning V/A			Evidence of C	Groundwa	ter	Other		
RIPARIAN	COMMUN	IITY			, ,			*		
					Dominant \	Vegetatio		5.77		7
			Jpstream E	NAME OF TAXABLE PARTY.				Right Upstre		
Riparian Zone	None	Cultivated	Meadow	Scrubi	and Forest	None	Cultivated	Meadow	Scrubland	Fores
1.5-10 m				/					/	
10-30 m				/						V
30+ m				V	/					V
HOTOGRAP	HIC RECO	DRD:						<u> </u>		
HOLOGIVAL					T	LIDETDE	AM BANK PH	IOTO #·		
JPSTREAM P	РНОТО #:				LEFT	UPSIKE	ANDANI	1010 #.		
JPSTREAM P OWNSTREA	м РНОТС) #:					EAM BANK P			
DOWNSTREAM POOWNSTREAD THER PHOTE COMMENTS,	INGLUDIN	IG POTENTIAL			RIGH	IT UPSTR	EAM BANK P	HOTO #:		
COMP	M PHOTO TO #S: INCLUDIN THE OF	chara dry p	ceulou ht	s Vi	PPORTUNITIES	IT UPSTR	EAM BANK P	HOTO #:	ncs prese	,
EDESTREAM POONSTREAD THER PHOTE COMMENTS,	M PHOTO TO #S: INCLUDIN THE OF	chara dry p	ceulou ht	s Vi	PPORTUNITIES	IT UPSTR	EAM BANK P	HOTO #:	ncs bleze	,
COMP	M PHOTO TO #S: INCLUDIN THE OF	IG POTENTIAL	ceulou ht	s Vi	PPORTUNITIES	IT UPSTR	EAM BANK P	HOTO #:	ncs bieze	
COMP	M PHOTO TO #S: INCLUDIN THE OF	chara dry p	ceulou ht	s Vi	PPORTUNITIES	IT UPSTR	EAM BANK P	HOTO #:	ucs prese	,
PSTREAM POWNSTREAD THER PHOTO OMMENTS, COMP	M PHOTO TO #S: INCLUDIN THE OF	chara dry p	ceulou ht	s Vi	PPORTUNITIES	IT UPSTR	EAM BANK P	HOTO #:	ics prese	



GENERAL INFORMATION							
PROJECT #: 153674	NAME OF I	PROJECT:	TIME STAR	TED:	TIME FI	NISHED:	:25
COLLECTORS:	1 rogan	M DUILE	STRE	AM ID #:	DAT	E: \ ()	100
Colo Ho	du + D	cna Leda		ned Watercourse		-dolla	06.07
WEATHER:	1.		VIIIC	ice vocalcicos 3			0001
SUNNY	61600	c 21°C					
LOCATION							
NAME OF WATERBODY:	GENERAL	AREA OF PRO	JECT LOCATION	l: ,			
unteroun	Och	Sticls c	of Tamb	iorth Ont	ado		
CHAINAGE OR OTHER IDEN	TIFYING ATTRIE	BUTE:			141110		
Southon Hag	gorly Re	pad.					
GPS COORDINATES (UTM):	1110 J	C'a 2/101	N 76	carre -	, /		
16	47 0	07.34	N 16	24 14.8	5W		
LAND USE AND POLLUTION			00110050 051	OLI UTION			
SURROUNDING LAND USE:			SOURCES OF I	OCCUTION:			
-Residential			- Down RD	rofe ld Runoff	<u> </u>		
EVICTING STRUCTURE TVR	/IE ANYV		residen	TO MONOT			
EXISTING STRUCTURE TYPE							
Bridge O	Box CulvertO	Open Fo	ot Culvert O	CSP O		N//	4 O
Other O Describe: On C	CSP Ca	ossing Ha	ggety Roal	Size (v	v x h) m ² ().Smx	0.5n
SECTION TYPE AND MORPH	OLOGY						
TYPE: Stream / river Ch	annelized F	Permanent	Intermittent			WETLAND:	
0	0	0	0	0 (Meva	luated	
HYDRAULIC HEAD (mm):	-						
V		7					
Habitat Type	ubstrate	Mean wid wetted (m	, mount			Mean	Other
Run, Pool, Riffle, Flat?		Wollod (III	wetted	` '		bankfull	
A l	6- 1	d	(width		depth(m)	
Hat 1	rganiclos	3.5	1/1.	01 75	M	>IM	
Bedrock Boulder	7						
Deditock Doditidei			Sand S	ilt Clav	. I M	uck	Detritus
Br Bo	Co	Gr		ilt Clay Si Cl		uck /lu	Detritus D
Br Bo BANK STABILITY	Со	Gr	Sa S	Si CI		/l u	D
	Co	Gr V	Sa S ulnerable	Si CI Protec	ted	Ju Depo	D sition Zone
	Co Eroding Angle>45°, ero	Gr V Angle	Sa Sulnerable	Protect Angle>45°, no	ted n-erodible	Depo Angle<45°	D sition Zone (gradual slope),
	Co	Gr V odible Angle soil, no	ulnerable >45°, erodible o sign of recent	Si CI Protec	ted n-erodible	Depo Angle<45°	D sition Zone
	Eroding Angle>45°, ero soil, undercu	Gr V odible Angle soil, no	Sa Sulnerable	Protect Angle>45°, no	ted n-erodible	Depo Angle<45°	D sition Zone (gradual slope),
BANK STABILITY	Eroding Angle>45°, ero soil, undercu bare soil	Gr V odible Angle soil, no	ulnerable >45°, erodible sign of recent erosion	Protect Angle>45°, no material	ted n-erodible	Depo Angle<45°	D sition Zone (gradual slope), ned sediments
BANK STABILITY Left Upstream Bank Right Upstream Bank	Eroding Angle>45°, ero soil, undercu bare soil	Gr V odible Angle soil, no	ulnerable a>45°, erodible a sign of recent erosion	Protec Angle>45°, no material	ted n-erodible	Depo Angle<45°	D sition Zone (gradual slope), ned sediments
BANK STABILITY Left Upstream Bank	Eroding Angle>45°, ero soil, undercu bare soil	Gr V Angle soil, no	ulnerable >45°, erodible o sign of recent erosion	Protect Angle>45°, no material	ted n-erodible /soil	Depo Angle<45° fine grain	psition Zone (gradual slope), ned sediments O
BANK STABILITY Left Upstream Bank Right Upstream Bank HABITAT	Eroding Angle>45°, ero soil, undercu bare soil O	Gr V Angle soil, no	ulnerable >45°, erodible sign of recent erosion	Protect Angle>45°, no material	ted n-erodible /soil	Depo Angle<45°	psition Zone (gradual slope), ned sediments O
Left Upstream Bank Right Upstream Bank HABITAT IN-STREAM Undercut	Eroding Angle>45°, ero soil, undercu bare soil O	Gr odible Angle soil, no	ulnerable >45°, erodible o sign of recent erosion	Protect Angle>45°, no material O O Organi	ted n-erodible /soil	Depo Angle<45° fine grain	psition Zone (gradual slope), ned sediments O
Left Upstream Bank Right Upstream Bank HABITAT IN-STREAM COVER (check all that apply; D	Eroding Angle>45°, ero soil, undercu bare soil O	Gr odible Angle soil, no	ulnerable >45°, erodible sign of recent erosion odd	Protect Angle>45°, no material O O Organi	ted n-erodible //soil C Vascu	Depo Angle<45° fine grain	psition Zone (gradual slope), ned sediments O
Left Upstream Bank Right Upstream Bank HABITAT IN-STREAM COVER (check all	Eroding Angle>45°, ero soil, undercu bare soil O	Gr odible Angle soil, no	ulnerable >45°, erodible sign of recent erosion	Protect Angle>45°, no material O O Organi	ted n-erodible //soil C Vascu	Depo Angle<45° fine grain	psition Zone (gradual slope), ned sediments O

SHORE C		100 – 90 O	70	90 – 60% O	70	60- 30% O		30 - 1%		one O
VEGETATIO	N TYPE		mergent	Ť	Floatin			Emergent		None
(D for dom	dominant			A	(10whecd		Large &	truited be	10	
UOD ATODY	Species						₩ e			
MIGRATORY DBSTRUCTIO	ONS:	None	-		Seasonal/Ten	iporary		Permaner	ıt	
POTENTIAL CRITICAL HA IMITING:	BITAT	Spawning			Evidence of C			Other		
RIPARIAN	COMMUN	IITY								
) -		Left	Upstream B	lank	Dominant \	/egetatio		Right Upstre	am Rank	
Riparian	None	Cultivated	Meadow	Scrubla	and Forest	None	Cultivated	Meadow	Scrubland	Fores
Zone										
1.5-10 m	Pond							V		
10-30 m	Mursh				i i i i i i					
30+ m	Marsh									
HOTOGRAP	du e	DRD:						-		
JPSTREAM F	РНОТО #:	IMCO					AM BANK P			
OWNSTREA	M PHOTO)#: JMP	P6119			T UPSTR	REAM BANK F	РНОТО #:		
THERFIO	10 #G.	1M6761	138 C	ilve	rt					
					PPORTUNITIES					
· Sheer	0/19	servel or	· wad	es						
v.		1 1	1 0							
· Very	10m	poderlic	1 400	- fix	oh pres	ense	water	isv	04	
· 5/60	ment	Checo	bes	has		nonson	000000	0 14.55	t of fle	
maje	~ Co	Juma	((()	Das	sically a	-016-20	· Occopi	Ca pool	ery of fle	
very 1	itte	4low	obser	red						
(- 0							
		= ,								
	tes Appe	ndad2 d	lo O Yes		number of page	- M/	DESCRIF	TION V	1// A	



GENERAL INF	ORMATION										-
PROJECT #:	63674	NAME OF	PROJECT		IME STAR		T			139	
COLLECTORS		(),		STRE	AM ID	200	DATE	:016 - 08	, 77	
The state of the s	Hurtin t	Dean .	Kobin Sc) <u>v</u>	Mu	d Cre	eK	a	116-07	3-6)	-
WEATHER:	0°(2/10 c									
LOCATION		CITOC	C								
NAME OF WAT	ERBODY:	GENERAL	AREA OF	PROJECT L	OCATION		9201				
Unknown	\	South	heast	of	Great	er	Napane	e			
CHAINAGE OR			BUTE:								
Rattre	Road	North	of	Hineh	Road				V		
GPS COORDIN	ATES (UTM):	18T 0	34771	8, 49	1378	0					
LAND USE ANI											
SURROUNDING	G LAND USE:			SOUF	RCES OF P						
netta	ind				Road	side	2 pol	lutic	M		
EXISTING STR	UCTURE TYPE	(IF ANY)	- y -								
Bridge C)	Box CulvertO	Op	en Foot Culv	rert O	puc	CSP Ø		N/A	0	
Other O Descr	ribe:						Size (w x h) m ²	3× 4	Som Godl	ıs)
SECTION TYPE	AND MORPH	IOLOGY									
TYPE: Strea	m / river Ch	nannelized	Permanent	Intermi	ttent	Ephem	eral ASSC	CIATED	WETLAND:		
	0	0	0	0		0					
HYDRAULIC HI	EAD (mm):	0			-						
Habitat T	ype	ubstrate		n width ted (m)	Mean d	-	Mean		Mean	Other	
Run, Pool, Rif	ffle, Flat?		Wet	ieu (III)	wetted	(m)	bankfull width (m)		bankfull depth(m)		
NI I	M	u 50% Gr	-5% -	77			23m+		(unknaw)		
Flat	\mathcal{L}	45%	7.0	23m	7 m	`	Canknown, wetter	the	(**************************************		
Bedrock	Boulder	Cobble	Gravel	Sand	Si	lt	Clay		ıck	Detritus	
Br	Во	Co	Gr	Sa	S	i	CI	N	lu	D	
BANK STABILI	TY										
		Eroding		Vulnera			Protected			sition Zone	
		Angle>45°, e		Angle>45°, e		Angl	le>45°, non-ero	odible	_	(gradual slope)	,
		soil, underc		soil, no sign o erosio			material/soil		fine grain	ed sediments	П
Left Up	ostream Bank	O	"	O			o			0	
Right U	pstream Bank	0		0			0			0	
HABITAT						3	8				
IN-STREAM	Undercut	Boulders	Cobble	Woody D	ebris		Organic	Vascu	lar Macrophy	tes None	
COVER	banks				/		debris		/		
(check all	1677			Instream	/		/	Instrea	am 🦯	/	
that apply; D	1			Overhang	aina 🗸		1	Overh	anging /		
dominant	X			0.0	55 X				3 3		
cover):	1										

SHORE C		100 – 90 O	%	90 - 60%		60- 30% O		30 – 1%		None
VEGETATIO	N TYPE		omergent		Floatin			Emergent		None
	dominant Species		,	Yellor	~ Pond- weed	- lily	Yellow 1959e-Fr	Baddelae	theed	
MIGRATORY DBSTRUCTION		None	/		easonal/Ter	mporary	1 Drode	Perman		
OTENTIAL RITICAL HA	BITAT	Spawning Pike Cypninide		E	vidence of	Groundwa	ater	Other		
RIPARIAN	COMMUN				Jane !					
					Dominant	Vegetatio	n Type			10111
		Left	Upstream I	Bank			F	Right Upstr	eam Bank	
Riparian Zone	None	Cultivated	Meadow	*Scrubland wetland	Forest	None	Cultivated	Meadow	Serubland	Fore
1.5-10 m				/						
10-30 m									/	
30+ m		<u>-</u>	/							
HOTOGRAP	HIC RECO	RD:								N.
PSTREAM P	НОТО #:				LEFT	UPSTRE	AM BANK PH	IOTO #:		
OWNSTREA	м рното	#:			RIGH	IT UPSTR	EAM BANK P	НОТО #:		
- Yellow	Pon	g potential d - lily I roads	observ	ed in	uater	car &	eraind c	Laterca	ing	
_										



GENERAL INF	FORMATION								
PROJECT #:	163674	NAME OF	PROJECT:	TIME STA	RTED:	Т	IME FINISHE	D: Stom	
COLLECTORS		c-tot Se	an Robin 3		EAM 10 #:	s Ř	DATE:	16.08-	23
WEATHER:			- 70	On 1	u, Cree			1000	
	unny S	lloce	27 C						
NAME OF WAT	TERRORY.	CENEDAL	AREA OF PRO	IECT I OCATIO	M.				
5.100 - 500 - 511 July 15-6	N~~		eville	f ,	A.				
		NTIFYING ATTRI		0110	1)				
			0-1-1	01	/	1	111)	
100	- 7	1	Contrevill	e load,	West	04 (Canty Ke	ond 27	
GPS COORDIN	9 0		Contrevill 345335.	06 E 4	19/8681	.48 N		-	
LAND USE AN				COLUDER OF	DOLL LITIO	Me			
SURROUNDIN	1	8		SOURCES OF	FOLLUTIO	7 F	10		
Reside	no.cl		,	- Rock.	Jent ic	Pope	ofh		
EXISTING STR	UCTURE TYP	PE (IF ANY)							
Bridge ()	Box CulvertO	Open Fo	ot Culvert O	2 cs	SP O	, c	N/A O	
Other O Desc	ribe: Dw	ble CS	P PVC			Size (w x h)	m ² 1 - 70.	.30	
SECTION TYPI	E AND MORP	HOLOGY						3	
TYPE: Stream	am / river C	Channelized	Permanent	Intermittent	Ephemera	ASSO	CIATED WET	LAND:	1.
	0/	0	0	0	0		les		
HYDRAULIC H	EAD (mm):	0							
Habitat 1	Гуре	Substrate	Mean wid	1000011	depth	Mean	Mea	n	Other
Run, Pool, Ri	ffle, Flat?		wetted (m	wette	d (m)	bankfull	bankf		
	1	G ASMU20	3 1	/- 7	د	width (m)	depth(m)	
Fun	, a	SAIDDES	طالما	0.3	8	DM, I	9 D. L	57	
Bedrock	Boulder	Cobble	Gravel :	Sand S	Silt	Clay	Muck	Det	ritus
Br	Во	Co	Gr	Sa	Si	CI	Mu		D
BANK STABIL	ITY								
		Eroding		ulnerable		rotected		Deposition	
		Angle>45°, er		>45°, erodible		45°, non-ero		gle<45° (grad	
		soil, underc bare soi		sign of recent erosion	m	naterial/soil	110	ne grained se	diments
Left U	pstream Bank			0		0		0	
Right U	pstream Bank	0		0		0		0	
HABITAT									
IN-STREAM	Undercut	Boulders	Cobble Wo	ody Debris		Organic	Vascular Ma	crophytes	None
COVER	banks		/ .			debris	Inatra f		
(check all that apply; D		X		tream 🗸			Instream \		
is for	~		Ov	erhanging			Overhanging	. /	
dominant			"						
cover):					ľ				

SHORE COVER	100 – 90 %	90 - 60%	6	60- 30%		30 – 1%	No	one
(% stream shaded):	0	0		0	3	0		0
VEGETATION TYPE (D for dominant):	Submerg	ent	Floatin	9	W	Emergent		None
Predominan Species		haved h	ucher Cse	55	Brock	leadar	souted	
MIGRATORY DBSTRUCTIONS:	None		Seasonal/Ten	прогагу		Permaner	nt	
POTENTIAL CRITICAL HABITAT IMITING:	Spawning Cypcinid		Evidence of C	Froundwa	ter	Other		
RIPARIAN COMMU								_
1000	A Manual Sec	10 FOI 1	Dominant \	/egetatio	п Туре	situali		ryada i
	Left Upst	ream Bank	73.30	district.	Les Trades	Right Upstre	am Bank	
Riparian None Zone		adow Scrubla	nd Forest	None	Cultivated	Meadow	Scrubland	Forest
1.5-10 m			-			V		
10-30 m						V		
30+ m								
HOTOGRAPHIC REC	ORD					1		l).
JPSTREAM PHOTO #:			LEFT	UPSTRE	AM BANK PH	IOTO #:		
DOWNSTREAM PHOT	O #:		RIGH	T UPSTR	EAM BANK P	НОТО #:	- No.	
OTHER PHOTO #S:								
COMMENTS, INCLUDI	NG POTENTIAL ENF	IANCEMENT OP	PORTUNITIES	8				
Double Co	SP-Puc	Colvet	Cross	ing i	ato h	etter	l area	
Moch								
Moch	Side of	100		رهمي	Carre	1001	100)	
Bass								
-Small de	n upstream	m, fish	npeque	Hior	\			
-Snell de -Hatch der	Ale nest	observe	d		1	77	Turtle	P
700	5 nappi	s obser	ics					
250	Strapp)				1	7	
Additional Notes Appe	ended? O No () Yes n	umber of page	s	DESCRIF	TION		



GENERAL INF	ORMATION									
PROJECT#:	63674	LOYalic		ct: volar	TIME STAR				NISHED:	
COLLECTORS:	Cale H	lartin x	Sean	Robinso	STRE Inter	AM ID	#: 2 to Mid Cres	DAT		28-23
WEATHER:	31°C	3/10	cc			1				
LOCATION										
NAME OF WAT	ERBODY:	GENERAL	AREA	OF PROJECT	LOCATION					
Un Knew										
CHAINAGE OR		TIFYING ATTRI	BUTE:							
	ville R	load, 4	vest	of L	ockred	P				
GPS COORDIN	ATES (UTM):	18T 31	440	86,71 E	42	1159	39.48 N	1		
LAND USE AND										
SURROUNDING					IRCES OF P					
Hay field,	woodlan	d luption	0	Ko	od run	40-	P			
	000004100	e. 100E100 .	9							
EXISTING STR	UCTURE TYPE	E (IF ANY)								
Bridge O		Box CulvertO		Open Foot Cu	Ivert O	PUC	CSP Ø		N/A	0
								. 2	45cm	
Other O Descr		101.007			-7-		Size (w x h) m-	TICM	radius
SECTION TYPE				este la	- X		ASSO	CIATE	WETLAND:	
			Permane			Ephem	V. u.			7
	0	0	0)	0	<u>u</u>	nkna	<i>ω</i> Λ	
HYDRAULIC H	EAD (mm):	0								
Habitat T	vpe S	ubstrate	M	lean width	Mean de	epth	Mean		Mean	Other
Run, Pool, Rif	• •		w	etted (m)	wetted	•	bankfull		bankfull	
							width (m)		depth(m)	
0.10	CI G	R 309, Bo	96%	1.6	0.15		0.18		2.48	
KH41	e Hat I	109,00						`		
Bedrock	Boulder	Cobble	Gravel	Sand	Si		Clay Cl		ıck	Detritus
Br	Во	Со	Gr	Sa	S		CI	IV	lu pur	D
BANK STABILI	TY				- 1					
		Eroding		Vulner			Protected			sition Zone
		Angle>45°, er		Angle>45°,		Angl	e>45°, non-ero	odible	_	(gradual slope),
		soil, undercu		soil, no sign			material/soil		fine grair	ned sediments
Left Up	stream Bank	bare soil		erosio	on		0			0
Right Up	stream Bank	0		6	6		0			0
HABITAT										
IN-STREAM	Undercut	Boulders	Cobb	le Woody I	Debris		Organic	Vascu	lar Macrophy	tes None
COVER	banks						debris			
(check all				Instream	n 🗶			Instrea	am 📈	
that apply; D	7					1	/			/
is for	1	'	/	Overhar	nging			Overh	anging /	
dominant cover):										
COVET).										

(D for dominant): Predominant Species MIGRATORY OBSTRUCTIONS: POTENTIAL Spawning Evidence of Groundwater Other CITICAL HABITAT LIMITING: RIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Right Upstream Bank Riparian None Cultivated Meadow Scrubland Forest None Cult	VEGETATION TYPE (D for dominant): Predominant Species IGRATORY BSTRUCTIONS: DITENTIAL RITICAL HABITAT MITING: RIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Riparian Zone 1.5-10 m RIPARIAN COMMUNITY RIPARIAN COMMUNITY RIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Riparian Zone 1.5-10 m Left Upstream Bank Riparian Riparia	SHORE C		100 – 90	%	90 60	%	60- 30%		30 – 1%		None
Predominant Species None Seasonal/Temporary Permanent	(D for dominant): Predominant Species GRATORY BSTRUCTIONS: OTENTIAL RITICAL HABITAT MITING: RIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Riparian Zone 1.5-10 m 10-30 m 10-30 m 10-30 m 10-30 m Left Upstream Bank Right Upstream Bank Right Upstream Bank Forest None Cultivated Meadow Scrubland Forest None Cultivated Meadow Right Upstream Bank Forest Right Upstream Bank Right	(% stream s	shaded):	0		0		0		0		0
IIGRATORY BSTRUCTIONS: OTENTIAL RITICAL HABITAT IMITING: RIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Riparian Zone Cultivated Meadow Scrubland Zone 1.5-10 m 10-30 m 30+ m HOTOGRAPHIC RECORD: PSTREAM PHOTO #: OWNSTREAM PHOTO #: OWNMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES:	GRATORY BSTRUCTIONS: OTENTIAL RITICAL HABITAT MITING: RIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Right Upstream Bank Riparlan Zone 1.5-10 m 10-30 m 10-30 m 10-30 m 10-30 m Left Upstream Bank Right			Sub	mergent		Floatii	ng		Emergent		None
DOTENTIAL RITICAL HABITAT IMITING: RIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Riparian None Cultivated Meadow Scrubland Zone 1.5-10 m 10-30 m 30+ m HOTOGRAPHIC RECORD: PSTREAM PHOTO #: CWISTREAM PHOTO #: OWNSTREAM PHOTO #: OMNENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES:	BSTRUCTIONS: OTENTIAL RITICAL HABITAT MITING: RIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Right upstream Bank Photo #: DIVINSTREAM PHOTO #: RIGHT Upstream Bank Photo #: DIVINSTREAM PHOTO #: DIVINST	Pre						10 T		Tena	strial	
OTENTIAL RITICAL HABITAT IMITING: PIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Riparian Zone 1.5-10 m 10-30 m 10-30 m None Cultivated Meadow Scrubland Tone Cultivated Meadow Scrubland Left Upstream Bank Riparian Forest None Cultivated Meadow Scrubland	DITENTIAL RITICAL HABITAT MITING: RIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Riparian Zone 1.5-10 m 10-30 m 30+ m 30+ m 10-30 m Left Upstream Bank Right Upstream Bank Right Upstream Bank Right Upstream Bank Right Upstream Bank Forest None Cultivated Meadow Scrubland Forest None Cultivated Meadow Scrubland Forest None Cultivated Meadow Redow Right Upstream Bank Forest None Cultivated Right Upstream Bank Forest None Cultivated Right Upstream Bank Forest None Cultivated Right Upstream Bank Redow R						Seasonal/Te	mporary		Permane	nt	
RIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Riparian Zone 1.5-10 m 10-30 m 30+ m HOTOGRAPHIC RECORD: PSTREAM PHOTO #: OWNSTREAM PHOTO #: OWNMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES:	RITICAL HABITAT MITING: RIPARIAN COMMUNITY Dominant Vegetation Type Left Upstream Bank Riparian Zone 1.5-10 m None Cultivated Meadow Scrutified Forest None Cultivated None	BSTRUCTIO	ONS:									
Dominant Vegetation Type Left Upstream Bank Right Upstream Bank Riparian Zone Cultivated Meadow Scrubland Forest None Cultivated Meadow Scrubland 1.5-10 m 10-30 m 30+ m HOTOGRAPHIC RECORD: PSTREAM PHOTO #: COWNSTREAM PHOTO #: COWNSTREAM PHOTO #: THER PHOTO #S: COMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES:	Dominant Vegetation Type Left Upstream Bank Riparian Zone 1.5-10 m 10-30 m 30+ m HOTOGRAPHIC RECORD: PSTREAM PHOTO #: DOWNSTREAM PHOTO #: DOMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES: - 18° C Cuater temp Potential grand water input Conversation with landamer indicates presence of nearty cold	RITICAL HA	BITAT	Spawning			Evidence of	Groundwa	ater	Other		
Left Upstream Bank Riparian Zone 1.5-10 m 10-30 m None Cultivated Meadow Scrubland Forest None Cultivated Forest None	Left Upstream Bank Riparian None Cultivated Meadow Scrubland Forest None Cultivated N	RIPARIAN	COMMUN	IITY			Mi-			-		
Riparian Zone Cultivated Meadow Scrubland Forest None Cultivated Meadow Scrubland Vector Vect	Riparian None Cultivated Meadow Scrubland Forest None Cultivated None Cultivated None Scrubl					- 9-10	Dominant	Vegetatio		n,bū.v.		113
Zone 1.5-10 m 10-30 m 10-30 m HOTOGRAPHIC RECORD: PSTREAM PHOTO #: CWNSTREAM PHOTO #: RIGHT UPSTREAM BANK PHOTO #: THER PHOTO #S: OMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES:	20ne 1.5-10 m 10-30 m 30+ m HOTOGRAPHIC RECORD: PSTREAM PHOTO #: DWNSTREAM PHOTO #: THER PHOTO #S: DWNSTREAM PHOTO #S: DWNSTREA					-	31	Lucia N	-			650
10-30 m 30+ m HOTOGRAPHIC RECORD: PSTREAM PHOTO #: COWNSTREAM PHOTO #: PITTER PHOTO #: COMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES:	10-30 m 30+ m HOTOGRAPHIC RECORD: PSTREAM PHOTO #: DWNSTREAM PHOTO #: THER PHOTO #S: DMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES: 15° C Creater temp Potential grand rater input Conversation with landamer indicates presence of nearly cold		None	Cultivated	Meadow	Scrubi	and Forest	None	Cultivated	Meadow	and the state of t	Fore
30+ m HOTOGRAPHIC RECORD: PSTREAM PHOTO #: DOWNSTREAM PHOTO #: PITHER PHOTO #S: DOMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES:	JOHN JOHN JOHN JOHN JOHN JOHN JOHN JOHN	1.5-10 m				/			- 1			
HOTOGRAPHIC RECORD: PSTREAM PHOTO #: COWNSTREAM PHOTO #: THER PHOTO #S: COMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES:	HOTOGRAPHIC RECORD: PSTREAM PHOTO #: DWNSTREAM PHOTO #: THER PHOTO #S: DMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES: 18° C Creater temp Potential ground rater input Conversation with landamer indicates presence of nearly cold	10-30 m							11			
PSTREAM PHOTO #: OWNSTREAM PHOTO #: THER PHOTO #S: COMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES:	PSTREAM PHOTO #: DWNSTREAM PHOTO #: THER PHOTO #S: DMMENTS, INCLUDING POTENTIAL ENHANGEMENT OPPORTUNITIES: - 15° C Creater temp) - Potentral ground rater input Conversation with landamer indicates presence of nearly cold	30+ m				,						
PSTREAM PHOTO #: OWNSTREAM PHOTO #: THER PHOTO #S: COMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES:	PSTREAM PHOTO #: DWNSTREAM PHOTO #: THER PHOTO #S: DMMENTS, INCLUDING POTENTIAL ENHANGEMENT OPPORTUNITIES: - 15° C Creater temp) - Potentral ground rater input Conversation with landamer indicates presence of nearly cold											
OWNSTREAM PHOTO #: THER PHOTO #S: OMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES:	ownstream photo #: THER PHOTO #S: OMMENTS, INCLUDING POTENTIAL ENHANGEMENT OPPORTUNITIES: - 18° C Creater temp) - Potentral ground rater input - Conversation with landamer indicates presence of nearly cold			ORD:		_	TIES	r i ibetbe	AM DANK DI	10TO #:		
THER PHOTO #S: OMMENTS, INCLUDING POTENTIAL ENHANCEMENT OPPORTUNITIES:	omments, including potential enhancement opportunities: - 18°C Chater temp) - Potentral ground nater input - Conversation with landowner indicates presence of nearly cold) #:								
omments, including potential enhancement opportunities: - 18°C (nater temp) - Potentral ground nater input - Conversation with landamer indicates presents of name (old	- 18°C (nater temp) - Potentral ground nater input - Conversation with landowner indicates presence of nearty cold				+	# To 1						
omments, including potential enhancement opportunities: - 18°C Chater temp) - Potentral ground nater input - Conversation with landamer indicates presence of name (old)	- 18°C (nater temp) - Potentral ground nater input - Conversation with landowner indicates presence of nearty cold											
spring		- 18°C - Poler - Conv	- Cu Mral Versati	ater to ground on with	emp) water h land	inpur	+ ndica	tes (oresen le	of n	earby (cold



GENERAL IN	FORMATION										
PROJECT #:	163674	NAME	FPROJE	CT	TIME STA	RTED:		TIME FIN	IISHED:	on	
COLLECTOR	S:	cot in to	38		STR	EAM,ID		DAT	E: 2d6	-05	7.23
WEATHER:		3/100									
LOCATION		0.100		U							
NAME OF WA	TERBODY:	GENER	AL AREA	OF PROJEC	CT LOCATIO	N:					
1	Nown	0.		The state of the s	of cer		Me				
		ENTIFYING ATT		CITIS C	(Th	100	11/6				
On Cerd	erville	road	neo	-loca	l go	cry					
GPS COORDI	NATES (UTM): 18T 3	3438	79,93	= 4	9158	18.22 N	/			
LAND USE AN				7							
SURROUNDIN	4	E;		10000	OURCES OF						
Agricul	durch			-	Road	Run	off	17			
EXISTING ST	RUCTURE TY	PE (IF ANY)									
Bridge	0	Box Culvert()	Open Foot	Culvert O		CSP O			A O	
Other O Des	cribe:						Size (w x h) m ² R	£75. \	12	em
SECTION TYP	E AND MOR	PHOLOGY									
TYPE: Stre	am / river	Channelized	Perman	ent Inte	ermittent	Ephem			WETLAND):	
	Ø	0	0		0	0	j	Meno	wn		
HYDRAULIC I	HEAD (mm):	0		<u> </u>			W				
Habitat	Type	Substrate	N.	Mean width	Mean	depth	Mean		Mean		Other
Run, Pool, R	٠. ا		· V	wetted (m)	wette	-	bankfull width (m)		bankfull depth(m)		
Fla	1	Colphw 30 Gr30		1.38	12	cm	1.38	2	34cm		
Bedrock	Boulder	Cobble	Gravel	l Sar	nd 9	Silt	Clay	M	ıck	Det	ritus
Br	Bo	Co	Gr	Sa		Si	Cl		lu		D
BANK STABIL	LITY										
		Erodi	ng	Vuln	erable		Protected		Dep	osition 2	Zone
		Angle>45°,	erodible	Angle>4	5°, erodible	Ang	le>45°, non-er	odible	Angle<45	° (gradı	ual slope),
		soil, unde	rcut or	soil, no si	gn of recent		material/soil		fine gra	ined se	diments
		bare s	oil	ero	osion						
	Jpstream Bar	0			o/		0		_	0	
Kight C	Jpstream Bar	o O			2		0			0	
HABITAT											
IN-STREAM	Undercu	t Boulders	Cobb	ble Wood	ly Debris		Organic	Vascu	lar Macroph	ytes	None
COVER	banks	1			/		debris				
(check all				Instre	am 🗸			Instrea	ım		
that apply; D							~				
is for	11/			Overh	nanging			Overha	anging 🗸		
dominant cover):											

SHORE C		100 - 90	%	90 – 60	9%	60- 30%		30 – 1%	N	one
·		0		0		0		0		0
VEGETATION (D for dom		Sub	omergent		Floatin	g		Emergent		None
Pre	edominant Species	-	1 1200				-	Tenestro	al Gregge	
IIGRATORY BSTRUCTIO	ONS:	None			Seasonal/Ter	nporary		Permaner	nt	
OTENTIAL RITICAL HA	RITAT	Spawning	- \ A		Evidence of 0	Groundwate	r	Other		
MITING:		Cypri	V1, 4		14%					
RIPARIAN	COMMUN	IITY								
				viii.	Dominant	Vegetation '				
	None	Left Cultivated	Upstream E	Scrub	land Forest	None	Cultivated	Right Upstre	am Bank Scrubland	Fores
Riparian Zone	None	Guillvated	Meadow	Scrub	Total	refled fl		Meauow	Scrubiand	Fores
1.5-10 m						V				
10-30 m					/	/				
30+ m						-				
PF 1										
HOTOGRAP		ORD:			Ť			10-0 "		
PSTREAM P OWNSTREA) #·				UPSTREAD IT UPSTREAD				
THER PHOT		, н.			1100	II OI OIIKE	THE DANK F	11010 #.		
OMMENTS,	INCLUDIN	IG POTENTIAI	_ ENHANCE	MENT O	PPORTUNITIES	•				
tow -	c di	emp 1	4°C							
		U ,								
-5mo	il be	itsish	6h5e	(ve	*					
_										
		1-1-		((1 4	10 1				
		Indo	a	refl	and th	icket	_			
		lado	a	~d	and th	refet	_			
		inte	av	~d	and th	icket				
		lado	a v	refl	and th	iclef	- 7			
		lado	a 4	rdl	and th	ictet	- 7			
		Indo	a V	rot	and th	icket	7			
		Indo	a V	ref	and th	icket	<u> </u>			
		lado	a 4	rel	and th	icket				



GENERAL INF	ORMATION										
PROJECT #:	63676	NAME O		Solv	TIME STA	ં ત્રી	1450 I	IME FIN	3:00)	
COLLECTORS:	cle the	tint.	Desc	Lecl	STE Blo	rk (r	eek- D/S	DAT	2016-	06	07
WEATHER:			JUL 1	11-01	121	VII	00.4		- 0.0		
	Overc	ast,	20°C	-							
LOCATION		- 1									
NAME OF WAT	ERBODY:	GENERA	L AREA	OF PROJE	CT LOCATIO	N: ,	- 1	1	- A		
Salmon	River	- Out	Ckir	92 OF	Jan 1	rod	in Onto	LIVE)		
CHAINAGE OR			BUTE:	- V - C					,		
Take &	THE COM	BOOK !	201	W.	South	01	Murch	y R	oad.		
GPS COORDIN	ATES (UTM):	1140.	1010	59.54	1/12	7/	05 F48	no	(
	A TVI 13 4 5 4 4 14 1	47	70 2	26-26	i IV	16	2748	:19	·h_		
LAND USE AND											
SURROUNDING	1 1			S	OURCES OF						
1950100	y fund				7801 R	S AN					
EXISTING STR	UCTURE TYP	E (IF ANY)								<i>y</i>	
Bridge ©	\checkmark	Box CulvertO		Open Foot	Culvert O		CSP O		N/A	9	
Other O Descr	ribe: Roca	C(688	ire				Size (w x h) m ² /	Ablsm	h	
SECTION TYPE	1 1011										
		hannelized	Perman	ent Int	ermittent	Epher	neral ASSC	CIATE	WETLAND:		
3,	2	0	Ø.		0	. С		~ Kno	la co		
HYDRAULIC HI	EAD (mm):	0	120		0		, ,	7,000	00.6		
III DRAOLIC III	LAD (IIIII).)									
Habitat T	vpe S	Substrate	l N	lean width	Mean	depth	Mean		Mean	(Other
Run, Pool, Rif	fle, Flat?	80-60%	-60% wetted		- 1	d (m)	bankfull		bankfull		
		Co - 20%	0	8			width (m)		depth(m)		
ρ		Sa - 15		0	8- 0.25		5 8.5		.55		
Run		0-5		8m	0 2		8 · 7		.33		
Bedrock	Boulder	Cobble	Gravel	Sa	nd	Silt	ilt Clay		ıck	Detritus	
Br	Во	Co	Gr	S	a	Si	CI	N	lu)
BANK SŤABILI	TY										
		Erodin	g	Vulr	erable		Protected			sition Z	
			Eroding V ngle>45°, erodible Angle			Ang	gle>45°, non-er	odible	Angle<45°		
,	\	soil, under			gn of recent		material/soil		fine grain	ned sec	diments
Left Un	stream Bank	bare so	oil	er	osion	-	-/			_	
	stream Bank	0			0	10				0	7 3
HABITAT					ř.					Ť	
IN-STREAM	Undercut	Boulders	Cobb	ale Wood	dy Debris		Organic	Vaecu	lar Macrophy	tes	None
COVER	banks	Douideis	CODE	7.000	ay Denile		debris	v aştu	muvivpii)		110110
(check all				Instr	eam 🗸			Instrea	am 🗸		3
that apply; D											
is for				Over	hanging 🗸			Overh	anging '		
dominant											-
cover):											16

SHORE C		100 – 90 %	90 –	60%		60- 30%		30 – 1%	N	one
(% stream s	shaded):	0	C)		0		0		0
VEGETATIO (D for dom		Submer	gent		Floatin			Emergent		None
Pre	edominant Species	1 4010 1111	ry	Sm.	chive	ads	water	bure	tain	
MIGRATORY DBSTRUCTIO		None	- Q*-		sonal/Ten			Permanei		
POTENTIAL CRITICAL HA	BITAT	Spawning		Evid	lence of G	Proundwa	iter	Other		
RIPARIAN	COMMUN	IITY		_						_
				D	ominant \	/egetatio	п Туре		1 6	3730
			tream Bank					Right Upstre	am Bank	
Riparian Zone	None	Cultivated Me		ubland	Forest	None	Cultivated	Meadow	Scrubland	Forest
1.5-10 m					/				\checkmark	iss
10-30 m					/					1
30+ m										L
HOTOGRAP	HIC RECO	DRD:			-			-	-	
			6171		LEFT	UPSTRE	AM BANK PH	ЮТО #: ∑∫	MbP (siff	
OWNSTREA	M PHOTO	O#: THEP I	0110		RIGH	T UPSTR	EAM BANK P	HOTOVE ()(0112	
OTHER PHOT	ΓO #S: γ	MA						S 01		
		IG POTENTIAL EN			_					
Smil	longi	og -2 vinged h	mille	1						
) grow	con i	orregen of	1	,	1	ato.	+ = =	1011) 8	potry	
SCOLL	sidu	2) Stre	amk)an	~ po	VUITE		poor ()		
	1990	U	1080	\sim	,					
> (009	Jan	(l n ~ 5 n	n doru	uns	hea	M				
	J									
dditional No	tes Apper	nded? Q/No	O Yes	numbe	er of page	s M/A	DESCRIP	TION W	ZA	



GENERAL INFORMA	TION			- 80								
PROJECT #: \ \36	,74		OF PROJE			IME STAR	TED:	3114	TIME FIN	Sted:	24	
COLLECTORS:	Ha	dut D	ane L	edo	~	STRE	K Co	#: eek - U/S	DAT	E: 20(6	06	707
WEATHER:	- M	7700				I DA				4	- 12	
	verce	ast,	2000									-
LOCATION		بالكبال										A.#4
NAME OF WATERBO	DY:	GENER	AL AREA	OF PR	OJECT	OCATION	l:	h 10	1 - 1	-		19
Untoom		100	18th	498	04	Tumi	m 06	on Oa	of are	0		
CHAINAGE OR OTHE	R IDEN	TIFYING ATT	RIBUTE:	. 0								
	M	urphy	Roc	-83								
GPS COORDINATES	UTM):		-197									
LAND USE AND POLI	UTION											
SURROUNDING LAND					SOUF	RCES, OF F	POLLU	TION:				
Agricultur	d				-8	oul r	NY	OFF				
1081.000.01					1-1	Le d'Ce	Aur	\c\				
EXISTING STRUCTUR	E TYPE	(IF ANY)										
Bridge Q		Box Culvert	0	Open	Foot Culv	vert O		CSP O		N/	ΑО	
										/1. 1		
Other O Describe:								Size (w x h	n) m ²	4XI	\sim	
SECTION TYPE AND	MORPH	OLOGY										
TYPE: Stream / rjve	r Ch	annelized	Permar	ent	Intermi	ittent	Ephen	neral ASSO	CIATE	WETLAND	:	
8		0	0		0		O					
HYDRAULIC HEAD (n	ım):	,										
Habitat Type	S	ubstrate	- 1	Mean w	ridth	Mean d	lonth	Mean		Mean		Other
Run, Pool, Riffle, Fla				wetted		wetted		bankfull		bankfull		Other
1101, 1 001, 11110, 110	``	F-11-7					. (,	width (m)		depth(m)		
Oad	<	Sess Brot	ko		ク	270		a	(0)			
4001		O OF	15	2	5	D. C O			2.9	0		
Bedrock Bould	er	Cobble	Grave	1	Sand	S	ilt	Clay	Mu	ıck		ritus
Br Bo		Co	Gr		Sa	8	Si	CI	IV	lu	- 1)
BANK STABILITY												
		Erod	ing		Vulnera	ble		Protected		Depo	osition 2	Zone
		Angle>45°,			gle>45°, e		Ang	jle>45°, non-er	odible	Angle<45		
		soil, unde		dible Angle or soil, no		of recent		material/soil		fine grained sedin		diments
La Millandina	. Dool	bare	soil		erosio	n						
Left Upstream		0			0			9			0	
Right Upstream	n Bank	O			0			0			0	
HABITAT			787						,			
	lercut	Boulders	Cobl	ble \	Noody D	ebris		Organic	Vascu	lar Macroph	ytes	None
	nks							debris				
(check all					nstream				Instrea	am U		
Abas annin B									111			
that apply; D					Over who are	-ine 7	- 1		Overst	anaina /		
that apply; D is for dominant					Overhang	ging 🗸			Overh	anging /		

SHORE C		100 - 90	70	90 - 609	70	60- 30%		30 – 1%		one	
VEGETATION TYPE		O Submergent		0	Floating			0		0	
(D for dominant): Predominant Species MIGRATORY OBSTRUCTIONS: POTENTIAL CRITICAL HABITAT LIMITING:		t transfers			1.704111	9		Emergent		None	
					Seasonal/Temporary Evidence of Groundwater			Burreel			
								Permanent Other			
											RIPARIAN
					Dominant '	Vegetation		DOM:		CA,	
	None	Left Cultivated	Upstream B	Scrubla Scrubla	and Forest	None	Cultivated	Right Upstre	Scrubland	Fore	
Riparian Zone	None	Oskivatod	MICAGO M	OCIUDIO	and Tolest	None	Cultivateu	Meadow	Control	role	
1.5-10 m	fun		V						V	A	
10-30 m			/							1	
	•									V	
30+ m											
30+ m OTOGRAP	PHIC REC	ORD:									
OTOGRAP	РНОТО #:		0110		LEFT	UPSTRE	AM BANK PH	юто #: Т	MGP 6(5		
OTOGRAP	PHOTO #:		D C(3))	LEFT RIGH	UPSTRE	AM BANK PHEAM BANK P	ЮТО #: <u>Т</u> РНОТО #:	MGP 613 LM6P618		
OTOGRAP STREAM F WNSTREA HER PHOT	PHOTO #: AM PHOTO FO #S:	O#: IMB			RIGH	T UPSTRI	AM BANK PH EAM BANK F	НОТО #: Т РНОТО #:	MGP 6(8 LM6P6(8	31	
OTOGRAP STREAM F WNSTREA HER PHOT	PHOTO #: AM PHOTO FO #S:	O#: IMB			LEFT RIGH PPORTUNITIES	T UPSTRI	AM BANK PH EAM BANK F	HOTO #: T	_MGP 6(3 _LM6P6(3	RI	
OTOGRAP STREAM F WNSTREA HER PHOT	PHOTO #: AM PHOTO FO #S:	O#: IMB			RIGH	T UPSTRI	AM BANK PHEAM BANK F	ЮТО #: Т РНОТО #:	MGP 6(5 LM6P6(5		
OTOGRAP STREAM F WNSTREA HER PHOT	PHOTO #: AM PHOTO FO #S:	O#: IMB			RIGH	T UPSTRI	AM BANK PHEAM BANK F	НОТО #: РНОТО #:	MGP 6(8 LM6P6(8		
OTOGRAP STREAM F WNSTREA HER PHOT	PHOTO #: AM PHOTO FO #S:	O#: IMB			RIGH	T UPSTRI	AM BANK PHEAM BANK F	НОТО #: С РНОТО #:	MGP 613		
OTOGRAP STREAM F DWNSTREA HER PHOT	PHOTO #: AM PHOTO FO #S:	#: TMB	_ ENHANCE!		RIGH	T UPSTRI	AM BANK PHEAM BANK F	HOTO #: 7 PHOTO #:	MGP 6(8		
OTOGRAP STREAM F DWNSTREA HER PHOT	PHOTO #: AM PHOTO FO #S:	O#: IMB	_ ENHANCE!		RIGH	T UPSTRI	AM BANK PHEAM BANK F	HOTO #: PHOTO #:	MGP 613		
OTOGRAP STREAM F OWNSTREA HER PHOT	PHOTO #: AM PHOTO FO #S: INGLUDIN	O#: JMB	ENHANCE	MENT OF	PPORTUNITIES	T UPSTRI	EAM BANK F	PHOTO #:	LM6P6(8	J	
OTOGRAP STREAM F OWNSTREA HER PHOT	PHOTO #: AM PHOTO FO #S: INGLUDIN	O#: JMB	ENHANCE	MENT OF	PPORTUNITIES	T UPSTRI	EAM BANK F	PHOTO #:	LM6P6(8	J	
OTOGRAP STREAM F OWNSTREA HER PHOT	PHOTO #: AM PHOTO FO #S: INGLUDIN	O#: JMB	ENHANCE	MENT OF	PPORTUNITIES	T UPSTRI	EAM BANK F	PHOTO #:	LM6P6(8	J	
OTOGRAP STREAM F OWNSTREA HER PHOT	PHOTO #: AM PHOTO FO #S: INGLUDIN	O#: JMB	ENHANCE	MENT OF	PPORTUNITIES	T UPSTRI	EAM BANK F	PHOTO #:	LM6P6(8		
OTOGRAP STREAM F OWNSTREA HER PHOT	PHOTO #: AM PHOTO FO #S: INGLUDIN	O#: JMB	ENHANCE	MENT OF	PPORTUNITIES	T UPSTRI	EAM BANK F	PHOTO #:	MGPGIS LMGPGIS	J	
OTOGRAP STREAM F OWNSTREA HER PHOT	PHOTO #: AM PHOTO FO #S: INGLUDIN	O#: JMB	ENHANCE	MENT OF	PPORTUNITIES	T UPSTRI	EAM BANK F	PHOTO #:	LM6P6(8		
OTOGRAP STREAM F OWNSTREA HER PHOT	PHOTO #: AM PHOTO FO #S: INGLUDIN	O#: JMB	ENHANCE	MENT OF	PPORTUNITIES	T UPSTRI	EAM BANK F	PHOTO #:	LM6P6(8	J	
OTOGRAP STREAM F OWNSTREA HER PHOT	PHOTO #: AM PHOTO FO #S: INGLUDIN	O#: JMB	ENHANCE	MENT OF	PPORTUNITIES	T UPSTRI	EAM BANK F	PHOTO #:	LM6P6(8	J	



GENERAL INF	ORMATION	and the same of th								
PROJECT #:	636I	4 NAME O	F PROJE	ECT:	TIME STAI	RTED:		E FINISHED:		
COLLECTORS	Cal. U	clie to	00	ارا		EAM ID#:		DATE: 20	16-01	5-07
WEATHER:	Leavy	11)12	ch creen	7	(70)		<u> </u>			
LOCATION	Over	coust, a	20°C	_						
LOCATION	EDBODY.	CENED	AL ADEA	OF PDO IEC	T I OCATIO					
NAME OF WAT		GENER	CIS D	T LOCATION	N:	60	ad and			
CHAINAGE OR		ENTIFYING ATT	RIBUTE:		4			100		
South on Murphy Roal					2	一十十五		diff		
GPS COORDIN	ATES (UTM	D:	ROU	. 6	-	240	-			
Or o'	,,,,,,,	7.				8,379				
LAND USE AND										
SURROUNDING				SC		POLLUTION	60 60	- 1	8 F F L	
V (A L.	ood lo	<i>f</i>		road r	un ode				
EXISTING STR	JCTURE TY	PE (IF ANY)			بحنس			AT IN	الثبياة	
Bridge 🕑	X	Box Culverte	0/	Open Foot (Culvert O	CSP	CSP O		N/A O	
Other O Descr	ibe: BoXC	ilved Li	h two	culve,	- Inside	_ si	ze (w x h) m	2 SIX 1.	.5	
SECTION TYPE										
p		Channelized	Perman	ent Inte	mittent	Ephemeral	ASSOCI	ATED WETLA	AND:	
	0	0	0 0		0 0		catuo			
HYDRAULIC HE	EAD (mm):	0		4	, i			1 30001		
Habitat T	vne	Substrate	N N	Mean width	Mean	denth	Mean	Mean		Other
Run, Pool, Riff			v	vetted (m)	ed (m) wetted (m) bankfu		pankfull			
le .		2146	0.5		— ,	W	ridth (m)	depth(m)	
Flat		0 1 100	16	8	0.45		9	0.85		
≈ Bedrock	Boulder	Cobble	Gravel	l San	id S	Silt	Clay	Muck	Det	ritus
Br	Во	Co	Gr	Sa		Si	CI	Mu		D
BANK STABILI	ΤΥ				****		-			
		Erodi	na	Vulni	erable	Pro	otected		Deposition 2	Zone
		Angle>45°,			5°, erodible		°, non-erodit		<45° (gradı	
		soil, unde			n of recent		erial/soil		grained se	
		bare s			sion				9.4	
Left Up	stream Ban				0		0		0	
Right Up	stream Ban	ık o			0		0	0		
HABITAT										
IN-STREAM	Undercu	t Boulders	Cobb	ole Wood	y Debris	Org	ganic V	ascular Macr	ophytes	None
COVER	banks			5)		bris			
(check all		1/	<u> </u>	Instre	am 🖊		In	nstream 🖊		
that apply; D	V					, l '			1	į,
is for				Overh	anging		0	verhanging		
dominant								4		
cover):										

% stream s	OVER	100 – 90	%	90 – 60%	6	60- 30%	/	30 – 1%		one	
		0		Ð		0		0		0	
VEGETATION TYPE (D for dominant): Predominant Species MIGRATORY OBSTRUCTIONS:		Fel cas	omergent	, }	rella pont	1,11,	Burr	Emergent OUT Tex		None	
		None T		Seasonal/Tempo			orary Perm		manent		
POTENTIAL		Spawning Cyprimid			Evidence of Groundwater			Other			
RITICAL HABITAT											
RIPARIAN	COMMUN	NITY		7/4	Dominant \	/egetatio	n Type				
		Left	Upstream B	Bank	Jonnan .	ogotatio		Right Upstre	am Bank		
Riparian Zone	None	Cultivated	Meadow	Scrubla	ind Forest	None	Cultivated	Meadow	Scrubland	Fore	
1.5-10 m				V	,				/		
10-30 m					/						
30+ m											
OTOGRAP	HIC REC	ORD:									
STREAM F	РНОТО #:	. IM6	P617	+					46PG17	8	
WNSTREATHER PHOT		#1661 (d		RIGH	TUPSTR	EAM BANK F	РНОТО #:			
MMENTS,	INCLUDIN	IG POTENTIAL	_ ENHANCE	MENT OF	PPORTUNITIES	:					
dae	Winjee	1 Val	des								

DETAILED ASSESSEMENT LAKES & PONDS



GENERAL INFO	RIVIATIO	אוכ	· -						·		
PROJECT #:	-36	74		FPROJEC			DA	AY: 23	MON.	TH:	YEAR:
COLLECTORS:	Se	ean 1	7	son		Harten TIN		RTED:	Т	TIME FINISI	
WEATHER CONE	DITIONS	:				SURFACE CONDITIONS:					
31°C, sl	11,00	TO Char	0500	+		Calm	Rip	ppled	Wavy	, 1	Rough
), 0, 30	1911	7 00	Ricors	1		O		0	0		0
LOCATION									T	1933	
NAME OF WATE			Potentia	al Wat	erbody	1					
LOCATION OF W	le Rat	tie Rond	/Him	ch Roa	d	Merson	l>n				
GPS COORDINA	TES:	xt 34	347300		11	TOWNSHIP/MU		ALITY:	ubur	1	J
CONSERVATION	AUTHO		Λ			MNR DISTRICT	Γ:	N/C	about t	911, 01	
	1	is,	dunte	CA					1(
LAND USE / TER							201111				
SURROUNDING I				Ĭ.	Į,	Yanure Pu	POLLU	P			
Cow pasture			_	rui		anuic ju	11-01	3 .			
SECTION TYPE A				مراه الاست		Deed		Bassasia			
	Large		Sm	nall Lake		Pond		Reservoir		Di	ug-out
lata vasitta at			1	0		Ø		0			0
Intermittent		Run-off	Spring-fed		ea	Not Connecte	ea	By-pass	3	l In	-stream
0		0		0		0		0		0	
LAKE / POND DIMENSIONS:		Length (r	^{m)} 6	5		Mean Width (m)					
SUBSTRATE											
SHORELINE SUB	STRAT	E: Si	70 M	lu 15	D 15						
BOTTOM SUBST	RATE:	Mu	70%	TT .	0%						
Substrate:	Bedroc	k (Br)	Sand (Sa)	_	ilt (Si)	Clay (CI)	N.	Muck (Mu)	Mai	rl (Ma)	Detritus (D)
BANK HABITAT											
BANK	Unde		Boulder	s	Cobble	Woody		Organic		/ascular	None
COVER (% Surface	Bar	iks				Debris		Debris :	Debris Macrophyt		
area):	>		\times			5% 5		5%	5% 90%		
NEAR SHORE SL	.OPE (%	6):	10%			"	\				
SHORE COVE	R	100 –		89 –	60 %	59 – 30) %	29	9 – 1%		None
(% Shaded):		C	,	0		0		0			0
IN-WATER HABI	TAT		-						Ì		
VEGETATION T (%):		S	ubmergen	nt		Floating Emergent No				None	
Predon	ninato	Chara						Broad-lea	م المصريا	a Hail	
	ecies:	Cruzi X						www-ea	week C	SU UMI	
UNDERWATER		dercut	Boulde	ers	Cobble	Woody De	ebris	Organic De	ebris	Macrophy	tes None
COVER (% Surface area):	В	anks	*		×	×		70	10	30	19.
	1										

DETAILED ASSESSEMENT LAKES & PONDS

MIGRATORY OBSTRUCTIONS		And the second second	
None	Seasonal	Permanent	
PHOTOGRAPHIC RECORD:			
COMMENTS. INCLUDING POTE	NTIAL ENHANCEMENT OPPORTUNITIES	S:	
			Fran
. / grasse sun	le etto appears to s on Hindh road in	11 / lineals	X.1.
	s on the road in	a southeast divection	1 (VHS
pand.			
	,		
Additional Notes Appended?	No o Yes number of pages	DESCRIPTION:	