State of Wisconsin Department of Natural Resources

Wadable Stream Quantitative Habitat Evaluation

Form 3600-228 (R 6/07)

Page 1 of 5

Instructions: Bold fields must be completed. Record all measurements in metric units.

Station Summary		64 Sept.		
Stream Name		Waterbody ID Code	SWIMS Station ID	FH Database ID
N. Br. Cedar	Creek	22500	10022038	20653993
Date (MMDDYYYY) Station Nam	ne	. 18/		
	V. Br. Cedar Cr	. Q NN		
Latitude - Longitude Determination				Datum Used
JWIM			The state of the s	1983
Start Latitude Start Longi		End Longitu		21 1 d
43.3622 -88.00	04		Wa	shing tor
Water Characteristics				
Time (24-hr clock) Air Temperatur	· ·	` '	· .: 1	Transparency (cm)
1300 - 22.6			801	120
Dissolved Oxygen (mg/l)	Dissolved Oxygen %		pΗ	4.4
9.49	ു . check one - measure distanc		rmal): Water Clarit	
(from Flow Data sheet)			l ,	
O. O. Normal	Below:(m))	(m)	Turbid Stained
Channel and Basin Characteristics		1.3421.5		
Stream Widths (m)	7- /1 3 3 4			
5.0 3.	5 4.2 3.4	4.1 4.5	5.9 1.1	4,0 4.+ 4
Mean Stream Width (m)	Transect Spacing	(m)	Station Length (m)	
		18	2	03
Channel Condition: Natural	> 20-year-old Channelization	10- to 20-year-old Channelization	< 10-year-old Channelization	Concrete Channel
Percent Channelization Sinuosity	Gradient (m/km) Strea		asin Area (km²)
() () () () () () () () () ()	.33	JO.	3	34.77
(from Map Data Sheet)	Α 4 -	2		
Mean Distance (m) Between:	Bends: 27.2 M	Riffles:	Biomitrian Applied in Addition - National Section 1	
			Run	s: 190
Total (Sum) Length (m) of All:	Riffles:	Pools:		3
Mean Length (m) of Individual:	Riffles:	Pools:	Tru Run	s: <u>95</u>
Person(s) Who Collected Data (Full	Names)			
E	in Cox, Dy	lan Olson	V. 9	
Comments / Notes		The	4312	

Wadable Stream Quantitative Habitat Evaluation

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If ft³/sec, then divide by 35.3 for m³/sec

-		_		_
100	01	11.0	D	

Instru	ctions:
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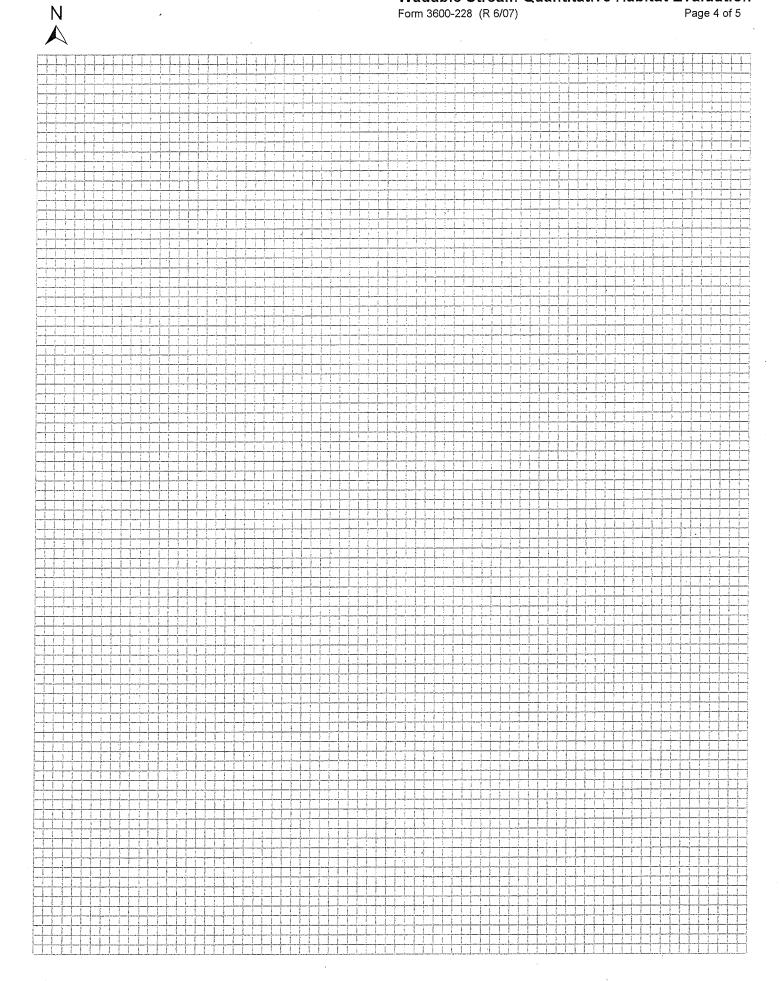
* In water shallower than 0.8 m, a single velocity measurement is made at a depth of 60% of the distance between the water surface and the bottom of the stream.

In water deeper than 0.8 m, two velocity measurements are made, one at 20% and the other at 80% of the distance between the water surface and the bottom of the stream.

Stream Name	•	M	/aterbody ID C	Code	Date (MMDI	Date (MMDDYYYY) Stream Width (ft or m			
Distance from Left Bank (ft or m)	Depth (ft or m)	Velo	city * r m/sec)	C (Cell Width ft or m)	(Depth)	Product velocity x Cell Width		
-				1					
,									
				`					
	•								
	44.4]							
	· ·								
			· · · · · · · · · · · · · · · · · · ·						
					, , , , , , , , , , , , , , , , , , , 				
					-				
			Flo	$\mathbf{w} = \Sigma \operatorname{Pro}$	oducts =		ft³/sec m³/sec		

Report Value to Station Summary _

Map Data	an mang gagan mengangkan kembangan kalan mengangkan menganggangan mengangkan mengan bangan berangkan kepadangan Lamanan		Materbady	Codo		
Stream N	N. Br. Cedal Cark		Waterbody ID 225		Date (MMDDYY 06 こつ こっ	•
Dist.	•		Distance S		the pattern of the pa	
from Start (m)	Stream Feature (Bend, Riffle, Pool, Run, Log Jam, etc.)				ween Riffles (m)	
6	Run T1	Distance Between Ber	1	Measuremen	ts from the Upstrea	am
	+14.5 Start left bend	Measured from Center	` '		xt Riffle Upstream	
24	The lun	Downstream - 1st:		Downstream	- 1st:	
20	+10.5 Right bend	1st - 2nd: 💆	(a0) (30)	1st ⋅	- 2nd:	
4,72	79 Start pool + 16 and pool /sta	_/2nd - 3rd;_ = €		2nd	- 3rd:	
42	T3 Kun	3rd - 4th:		3rd	- 4th:	
60	Ty rav	4th - 5th:	10.7)	4th	- 5th:	
78	75 m	5th - 6th:	The second secon		- 6th:	
96	The cun	6th - 7th:		6th	- 7th:	
	+8.5 left bund	7th - 8th:	•	7th	- 8th:	
114	TI cun	8th - 9th:		8th	- 9th:	
132	-18 ner	9th - 10th:		9th -	10th:	
	+ 6.8 right bund + 14.6 right to	10th - 11th:		10th -	11th:	
150	To run			11th - Upstr	eam:	
	+7.3 but left	Sum: <u>//</u>	93.3		Sum:	
168	TIO run	Mean:	7.22	N	lean:	
100	+15.8 left bank	Length (m) o	of Individual F		s and Runs	(~2t)
186	TII pur	1st Riffle:	1st Pool:	33-240	1st Run: = Z3	ŧ
204	TIZ Mir	2nd Riffle:	2nd Pool:_		2nd Run: $= 1\omega$	3
	1	3rd Riffle:	3rd Pool:_		3rd Run:	
		4th Riffle:	4th Pool:_		4th Run:	
	:	5th Riffle:	5th Pool:		5th Run:	
	·	Ĝth Riffle:	6th Pool:_		6th Run:	
		7th Riffle:	7th Pool:		7th Run:	
		8th Riffle:	8th Pool:		8th Run:	
	•	9th Riffle:	9th Pool:	·	9th Run:	
		10th Riffle:	10th Pool:		10th Run:	
		11th Riffle:	11th Pool:		11th Run:	
Draw mon	of station on back of this sheet (optional)	Sum:	Sum:	4	Sum:	<u>O_</u>
лам шар	or station on pack of this sheet (optional)	Mean:	Mean:	Park and the park of the same	Mean: 95	5



3.8

Transect Data Stream Name				Waterbody ID	Code	Date (MANADO	YYYY) Transect No		
N. b.	edai Cre	e.L	ľ	valerbody iD 2とな		0627	' l		
Distance from Start (m) Stream	Width (m) Hab		E	Bankfull Depth	(m) (optiona	l) Banl	kfull Width (m) (optional		
6 3.	8 🗆	Riffle Poo			16	5,6			
•	Deepest Point	1/5 .		el Position (Fif		nt Stream Wid 3/5	th) 4/5 3.0°		
Water Depth (m)	.43	.33	10	·40		.43	4 Zuma		
Depth of Fines and Water (m)	- Comp. F	. 40		.43		.45			
Embeddedness (nearest 10%)		100		80		50	70		
of Course Gravel and Rubble/Co		100		20		e ana ana ana ana ana ana ana ana ana an			
Percent (nearest 5%) of Stream Bott	om Covereu		1, 4/4			Set	tion Total Wust = 100°		
Bedrock (solid slab)				· · · · · ·	-	· · · · · · · · · · · · · · · · · · ·			
Boulder (261 mm - 4.1 m)		· - *							
Rubble / Cobble (65 - 260 mm)						. <u></u> -			
Gravel (2 - 64 mm)		30		50		60	20		
Sand (0.062 - 1.9 mm)		30		50	4	10	&o		
Silt (0.004 - 0.061 mm)		20							
Clay						···			
Detritus		20				<u>-</u>			
Other - Specify:									
ercent (nearest 10%) of Stream Bott	tom Covered	in the second							
Algae (attached & fila.)		The second secon		CHI DECEMBER COM		*Comment of Comment of	Name and the second		
Macrophytes		ga garin andala mang kalamahala dalamahap		20		Ken CS kilologische Steine Steine	www.adadaea.SZOporp.cor.SZEnochamPublishing.gog		
Canopy / Shading (circle one)		 all the entry to the first of the production of the p		approximate the second of the		estimate o tear o alesso de tributar	Yeard Statistics to your visit like that it states at 12 years and 12 years at 12 years at 12 years at 12 years		
over for Adult Gamefish: Length	(nearest 0.01 m)	of transect withi	n 0.15 m upst	ream or downs	stream in wa	ter at least 0.2	D m in depth		
Undercut Overhanging Vegetation		Other Debris	Boulde	Subme r Macrop	-	nergent Macrop t least 0.20 m d	· ·		
20 .44									
Bank Erosion: Length of Continuou	ıs Bare Soil (near	est 0.01 m) withi	n 1 m of strea	m % of Erod	ed Bank to t	he crest or with	nin 5 m of stream edge		
Ľе f t: (п	n) Right	<u>(m)</u>		Left	. 0	_(%) Right	(%)		
iparian Land Use: Percent (neares	st 10%) of Bank w	vithin 5 m of strea	am edge, alor	ig transect		Sect	ion Total Must = 100%		
Cropland Pasture Barnyard	Developed	Meadow	Shrubs	Woodland	Wetland	Exposed Ro	Other - Specify:		
					100				
				L	L				

Transect D	Data											****
Stream Na	me	A	0.4	. la		Wate	rbody ID (Code		ite (MMDDY)	1.7	sect No
	Branc	h Ced	ar Cree	CK			2250		- 1	06 27 2017 7 2		
	rom Start (m _リ	*	idth (m) Hab			J	full Depth	(m) (optior 3> 7	nal)	, , , ,		
· · · · · · · · · · · · · · · · · · ·	-9	3.5		Riffle Po	ol ARur				ont	Stream Width)	3.8	•
		1	Deepest Point	1/5	.7 T		2/5 /. L	 		3/5 2.1	4/5	2.8
Water Dep	th (m)		.48	:4		ړ	· · · · · · · · · · · · · · · · · · ·			47	٦٢	<u></u> 13 ·
	ines and Wa	ater (m)		.47		o (50		P	51	, .	17
	Iness (neare Gravel and I		ble	DF.	(FP)	9:	0		1	00	*	errenestast consolicibitariini iliig
7	arest 5%) of S				N.A.					Sectio	n Total Mu	st = 100%
Bedrock (so	olid slab)											
Boulder (26	31 mm - 4.1 r	n) .										
Rubble / Co	obble (65 - 26	60 mm)										
Gravel (2 -	64 mm)			. 20		/	0		Z	0		
Sand (0.062	2 - 1.9 mm)			35			0		35	,	4	>
Silt (0.004 -	0.061 mm)			35		4	6		35		4.	5
Clay				-								
Detritus											10	
Other - Spe	cify:			10 wood		/			ID	wood		
Percent (nea	rest 10%) of 9	Stream Botto	m Covered			2						
Algae (attac	hed & fila.)								*morpeold	The second secon	,	
Macrophyte	s			,		warmanigare	and the second second		8	0.	2 8	<u>'0</u>
Canopy / Sh	nading (circl	le one)		80 Short	Street	~ €00 ×00 ×00 ×00 ×00 ×00 ×00 ×00 ×00 ×00	,,,,,,,,,	Section 2	n European september	spirite 4		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Cover for A	dult Gamefi	sh: Length (nearest 0.01 m) of transect with	in 0.15 m u	ıpstrean	n or downs	tream in v	vater	at least 0.20 m	in depth	
Undercut Banks	,	ng Vegetation 0 m overhan	1	Other Debris	Bou	ılder	Subme Macrop	- 1		gent Macrophyt ast 0.20 m dee		Specify:
.41	.40	+.55					1.1	1				
Bank Erosi	on: Length	of Continuous	Bare Soil (nea	rest 0.01 m) with	nin 1 m of s	tream	% of Erod	ed Bank to	the	crest or within	5 m of strea	am edge
	Left:	<u>O</u> (m)	Right:	(m)		Andrew Standard 20	Left	<u>. 0</u>	(%) Right: _		(%)
Riparian La	nd Use: Per	cent (nearest	10%) of Bank	within 5 m of stre	eam edge, a	along tra	ansect			Section	Total Mus	t = 100%
Cropland	Pasture	Barnyard	Developed	Meadow	Shrubs	s W	oodland	Wetlan	d	Exposed Rock	Other - S	ipecify:
7 -;							-	100				-

Riparian Buffer Width: Length (nearest 1.0 m) of Undisturbed Land Uses along transect, within 10 m of stream

-			
ge	5	of 5	X

Transect D	•	eg i seletakeri Si				halete	rbody ID (Oodo	D-4- (MA)	4DDVQQ	
Stream Nar	ne N) B	Cedeur	Creek	g and	!	17:30で		,	7 20 (Y) Transect No.
			Vidth (m) Hat	oitat Type:		Banki	full Depth			Bankfull V	Vidth (m) (optional)
	12	14,-	7	Riffle Poo	·			, 44			.9 .
			Deepest Point	1/5 ,			sition (Fift 2/5		rent Stream		4/5 3.6
Water Dept	th (m)		.42	. 2 5	in the second se		5.	0	. 2, 2		.29
1	nes and Wa	iter (m)		.34			37		, UZ		58
Embeddedi	ness (neare	st 10%)		A supple of the	= KN ECHÁ		and the second second		Automobile Title of the factor title		100
3.6	Gravel and F		44,64444								
Percent (nea	rest 5%) of S	neam Bione	m Covered						•	Setuon:	Total Wust = 100%
Bedrock (so	lid slab)										
Boulder (26	1 mm - 4.1 n	n) .	-			**					
Rubble / Co	bble (65 - 26	0 mm)							. ,		
Gravel (2 - 6	64 mm)										10
Sand (0.062	- 1.9 mm)			20		2	O				25
Silt (0.004 -	0.061 mm)			5		80)		90		3 5
Clay				•							
Detritus		•		. 10					10		
Other - Spec	cify:	Wood		20							30
Percent (near	est 10%) of S	Stream Bott	om Covered								
Algae (attacl	ned & fila.)			10		10)		10		10
Macrophytes				40		100)		100		70
Canopy / Sh	ading (circl	e one)		معيلته فيتنافث ويستعمل في التعالي المستعمل في التعالي المستعمل في التعالي المستعمل في التعالي المستعمل في التعالي		discussion.	entropy and the second				•
Cover for Ac	dult Gamefi	sh: Length	(nearest 0.01 π) of transect with	in 0.15 m up	stream	n or downs	stream in	water at leas	t 0.20 m in	depth
Undercut Banks	Overhangir	ng Vegetatio		Other Debris	Boule	der	Subme	-	Emergent Ma at least 0.20		Other - Specify:
.26		~ ~	*				3.		,)		- "
Bank Erosio	n: Length o	of Continuou	s Bare Soil (nea	arest 0.01 m) with	in 1 m of str	eam	% of Erod	ied Bank I	o the crest o	r within 5	m of stream edge
,	Ľeft:	<u>O</u> (m) Right	<u>(m)</u>			Left	. <i>O</i>	(%)	Right:	(%)
Riparian Lan	ıd Use: Perd	cent (neares	t 10%) of Bank	within 5 m of stre	am edge, a	ong tra	ansect			Section T	otal Must = 100%
Cropland	Pasture	Barnyard	Developed	Meadow	Shrubs	W	oodland	Wetlar	nd Expose	ed Rock	Other - Specify:
-,,,						1		100			
Pinarian Pur	for Width:	Langth (noc	root 1 0 m) of l	Undisturbed Land	l less alon	a trans	and within	n 10 m of	rtroom	· L	

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•	/ 1
11	1
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11	-
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Transect D												+37
Stream Na		e l	Cali	Coople	•	Wate	erbody ID (1	•) Transect No
Distance fr	om Start (m	NStream W	<u>「こめなん</u> (idth /m) Ha	Creek		Bank	225 full Depth					dth (m) (optional
	0	7.			ol Run		•	40	,	Jan		T.O.
			Deepest		· ,	nel Po	sition (Fift	hs of Cu	rrent St	ream Widi	h)-	
			Point	1/5	1.4		2/5 2.8	3	3/	5 4.2		4/5 5.6
Water Dept	th (m)			.39		6	34		.19	1		.24
Depth of Fi	ines and Wa	iter (m)		.45	,	19	41		- 31			.39
	ness (neare Gravel and F		ble	23	10	Nouth	and the same of th					
	rest 5%) of St		1.5% (5-25)							Sec	tion To	otal Must = 100%
Bedrock (so	olid slab)											
Boulder (26	1 mm - 4.1 m	1)										
Rubble / Co	bble (65 - 26	60 mm)										
Gravel (2 - 6	64 mm)			. 70			·					
Sand (0.062	? - 1.9 mm)			30		ĮĊ) .		10			
Silt (0.004 -	0.061 mm)			,		80)	-	40	>		80
Clay		*										
Detritus						10)	4	50			20
Other - Spec	cify:									****		
ercent (near	rest 10%) of S	tream Botto	m Covered									
Algae (attacl	hed & fila.)			70			in and a second		#Militar Security		ž	20
Macrophytes	3					40		**************************************		·	50	
Canopy / Sh	ading (circle	e one)				electrical states	ment.		Care Care Care Care Care Care Care Care		- 120 PA	
over for A	dult Gamefis	sh: Length (r	nearest 0.01 n	n) of transect withi	in 0.15 m ups	strean	or downs	tream in	water a	t least 0.20	m in d	lepth
Undercut Banks		ng Vegetation Om overhang		Other Debris	Boulde	or	Subme Macrop	٠ ,		ent Macropi st 0.20 m d	.,	Other - Specify:
Danio	at loast v.z.	o in overnan	J DEDITO	Deblis	Boalda		Macrop	irytes		st 0.20 iii u	Бер	
ank Erosio	n: Length o	f Continuous	I Bare Soil (ne	arest 0.01 m) with	in 1 m of stre	am	 % of Erode	ed Bank	to the c	rest or with	in 5 m	of stream edge
	Left:	(m)	Right:	(m)			Left	0	(%]) Right	<i>C</i>) (%)
iparian Lar	nd Use: Perc	ent (nearest	10%) of Bank	within 5 m of stream	am edge, ald	ong tra	insect	200			W. 22 (10 to 1	tal Must = 100%
Cropland	Pasture	Barnyard	Developed	d Meadow	Shrubs	W	oodland	Wetlar	nd E	xposed Ro		ther - Specify:
					0111420	1		601		Aposod I Ka		
			J	<u> </u>	<u> </u>						1	

Transect Data	er eilige is Alle Alle eilige.							
Stream Name	eday	Crook.	ľ	Vaterbody ID 2つだ			7 /2017 7 /2017	Transect
Distance from Start (m) Stream V			, JE	<i>ال کے کے</i> Bankfull Depth				th (m) (optio
78 5.			ol Run	· • • • • • • • • • • • • • • • • • • •	50			1.7.
	Deepest			el Position (Fif		nt Stream W	/idth)	-
	Point	1/5	1.2	2/5 2.	4	3/5 3 %		4/5
Water Depth (m)		. 1.1.		· 2 8 ·		46		. 6
Depth of Fines and Water (m)		, 2, E		.42	a	525		.59
Embeddedness (nearest 10%) of Course Gravel and Rubble/Co	bblo					•		20 7
Percent (nearest 5%) of Stream Botto						ŝ	ection To	tal Wust=1
					1			
Bedrock (solid slab)							·	
Boulder (261 mm - 4.1 m)								
Rubble / Cobble (65 - 260 mm)								
Gravel (2 - 64 mm)								10
Sand (0.062 - 1.9 mm)				20		80	4	10
Silt (0.004 - 0.061 mm)		90		RO		10		
Clay	· · · · · · · · · · · · · · · · · · ·		'					
Detritus		. 10		20	6	Ø		
		6450P			Conf	•	2.0	O
Other - Specify:ercent (nearest 10%) of Stream Botto	om Covered		.) 		- 1 2			
		- Section Control		20	· ·	an Maria Managara Panagain Artista		i giray kasasasa
Algae (attached & fila.)		e4						
facrophytes		10		10	,	gagarina di same e Pri		
Canopy / Shading (circle one)							file to the solution of	
over for Adult Gamefish: Length	(nearest 0.01 m) of transect with	n 0.15 m upst	ream or down	stream in wa	ter at least 0	.20 m in de	pth
Undercut Overhanging Vegetation Banks at least 0.20 m overhan		Other Debris	Boulde	Subme Macro	•	nergent Macr t least 0.20 n		other - Speci
Saints · at least 0.20 iii overnar	ig Debris	Debits	Double	Macro	priytes a	1 1045(0.20)	1 deep	
ank Erosion: Length of Continuous	Bare Soil (nea	rest 0.01 m) with	in 1 m of strea	m % of Eroc	ied Bank to t	he crest or v	vithin 5 m c	of stream edg
Č Ľeřt: (m	· ·	(m)		Lef	(·)		7)	(%)
parian Land Use: Percent (nearest	TO MERCAND HIS TO		am edge, alog		L.,		ght	(%) 1 Wust = 10
	2 14 14 P 2 P 4 P 1		en				Ot	ner - Specify
Cropland Pasture Barnyard	Developed	Meadow	Shrubs	Woodland	Wetland	Exposed		
	1 .	1 1		•	100		I	

^	-3/
	/
1	V

Water Depth (I			idth (m) Hai			- 1	erbody ID (3		YY) Transect No
Water Depth (I	Start (m) St	ream W	idth (m) Hai								
Water Depth (I						Bank	<u> </u>	m) (opti	<u> (20</u> onal)	21 201 Bankfull	Width (m) (optiona
Depth of Fines		Ť	ၧ ା∟	Riffle Poo	Run			13	,	1	C) o Coming
Depth of Fines			Deepest			nnel Po	sition (Fift	hs of Cu		am Width)-	
Depth of Fines			Point	1/5	8		2/5 /.6	5		2.4	4/5 💆 , "
	m)			.26			47_		048)	.47
	s and Water	(m)		.50		ų	52		157	000000	, 50
embeddednes of Course Gra	ss (nearest 1 vel and Rub	,	ble				90		80		70
Percent (nearest										Section	Total Must = 100
Bedrock (solid :	slab)										
Boulder (261 m	nm - 4.1 m)										
Rubble / Cobble	e (65 - 260 m	ım)					•				
Gravel (2 - 64 n	mm)					2			50		25
Sand (0.062 - 1	l.9 mm)		•			\$	5 55.		50		25
Silt (0.004 - 0.0	61 mm)			60		2	.0				50
Clay											
Detritus				40		5	account to				
Other - Specify:	•					and the state	anele Service Satte				
Percent (nearest	10%) of Stream	m Botto	m Covered								
Algae (attached	l & fila.)	.,				West to be Statistics	THE PARTY OF THE P		Market Constitution of the		Francisco and annual an
Macrophytes				10		NATURE DE LA CONTRACTION DEL CONTRACTION DE LA C	-				and the designation of the second section of the section of the second section of the section of
Canopy / Shadir	ng (circle or	ne)				Promoti		-	National Confession of the Con	and the second	granica de la companya del companya de la companya del companya de la companya de
Cover for Adult	t Gamefish:	Length (ı	nearest 0.01 m) of transect withi	in 0.15 m ນ	pstrear	n or downs	tream in	water at l	east 0.20 m	in depth
	Overhanging V t least 0.20 m			Other Debris	Boul	der	Subme	•		t Macrophyte 0.20 m deep	
	656	1						-			
Bank Erosion:		y	Bare Soil (nea	arest 0.01 m) with	in 1 m of st	ream	% of Erod	ed Bank	to the cre	st or within 5	m of stream edge
	Left:0	(m)	Right:	<u>(m)</u>			Left	Ô	(%)	Right:	<i>O</i> (%)
Riparian Land l	Use: Percent	(nearest	10%) of Bank	within 5 m of stre	am edge, a	long tr	ansect			Section	Total Must = 100%
. Cropland F	Pasture B	arnyard	Developed	Meadow	Shrubs	W	loodland	Wetla	ind Exp	osed Rock	Other - Specify:
								Įο	O.		

Transect I			and the state of the state						
Stream Na	ime	B.	Calac	Creek	•	Waterbody II 27 50	i i	· ·	YYY) Transect I
Dieteres f	rom Start (m						th (m) (optiona	06 27	<u>んのす</u> し ull Width (m) (option
	rom Start (iii 114)Stream v		Riffle Poo			39		6 - 2 ·
4		1	V	KiiileFuo				nt Stream Width	
1			Deepest Point	1/5 ,		2/5 /	8	3/5 2.7	4/5 3
Water Dep	oth (m)			. 27		. 33.	4	. Yo	.27
Depth of F	ines and Wa	ter (m)		.36		.39		43	133
	dness (neare Gravel and F		bble				1	00	
	arest 5%) of Si		12.54 - 1.55	And the second				Seri	ion Total Must = 11
Bedrock (s	olid slab)								
Boulder (26	61 mm - 4.1 m	1)							
Rubble / Co	obble (65 - 26	0 mm)							,
Gravel (2 -	64 mm)							10	
Sand (0.06	2 - 1.9 mm)		,	10		20	{	ζο	30
Silt (0.004 -	- 0.061 mm)			80		80	. 1	0	60
Clay									
Detritus									10
Other - Spe			7.000	106) Å .			· 	
Percent (nea	arest 10%) of S	Stream Bott	om Covered	7		•			
Algae (atta	ched & fila.)			20					50
Macrophyte	es ·			90		<u>go</u>			40
Canopy / SI	hading (circle	e one)	. (-					
over for A	Adult Gamefis	sh: Length	(nearest 0.01	m) of transect within	i D.15 m up:	stream or dov	vnstream in wa	ter at least 0.20	m in depth
Undercut Banks	Overhangir at least 0.2			Other Debris	Bould	I	- 1	nergent Macroph t least 0.20 m de	
							* C/		-
ank Erosi	on: Length o	f Continuou	s Bare Soil (ne	earest 0.01 m) within	1 m of stre	am % of Er	oded Bank to t	the crest or with	in 5 m of stream edg
S ₃ - S	Ľe ř t: <u></u>	<u> </u>	n) Rìght	(m)	100 de 100 d	L	eft: <i>()</i>	_(%) Right	(%)
iparian La	nd Use: Perd	cent (neares	st 10%) of Bank	within 5 m of stream	m edge, ald	ong transect		Section	on Total Must = 10
	Pasture	Barnyard	Develops	ed Meadow	Shrubs	Woodland	d Wetland	Exposed Ro	Other - Specify
Cropland	rasture	Darriyara					1	1	

Transect I			r Nichtag.												
Stream Na		ΔΔ	0.	ŧ.		,	1	erbody ID		Þ	•	MDDYY		i	
	Brancl						21500				06 27 201				8
	rom Start (m							Bankfull Depth (m) (option			.				ptional
	132	1 7	Low	F	Riffle Po		L	.39 nel Position (Fifths of Current Stre				5.1			
			Deepest Point	: -	1/5			2/5						4/5	3.7
			1 01110		1/5 . 8				,				4/5		
Water Dep	oth (m)				.37			· 46			45				
	ines and Wa	<u></u>	·		.47	7		.47		•	51			o H	5
	dness (neare Gravel and l		bble		50		É	50		9	96		szillá é	ng phalamenta makaint ng katalan	ezziskekinesistekizi
	arest 5%) of S		14 5 6 1 7 8									Section	ı Tota	ıl Must	= 100°
Bedrock (s	olid slab)													3 V (177) PRESERV)
	61 mm - 4.1 n	 1)													
	obble (65 - 26	_··											· · · · ·		
Gravel (2 -	<u></u>				40			0		2	-5				
	2 - 1.9 mm)				35			5		3	<u></u>			20	
Silt (0.004 -	- 0.061 mm)				15		10)		~3.	3		-	60	
Clay					·		-								
Detritus								5						10	
Other - Spe	ecify:				10 md		6	2,		10	we		a	å c	red
ercent (nea	arest 10%) of S	tream Bott	om Covere	j											
lgae (atta	ched & fila.)					-	- Contraction of the Contraction	and the second		Vocano	NEW Process				
1acrophyte	es						G ygyspailite	ggist the		COMPANY			Coursemen	CELOSUS CONTINUES,	
Canopy / St	nading (circl	e one)			80		graph and in the second distribution of the seco			ب			-9	ugungasheelliisistaan	·
over for A	dult Gamefis	sh: Length	(nearest 0.0	1 m) o	f transect withi	п 0.15 m up	stream	n or down:	stream in	wate	r at leas	t 0.20 m	in dep	oth	
Undercut Banks	Overhangir		1		Other	David		Subme	-		-	acrophyte	~	her - Sp	pecify:
Danks	at least 0.2	o in overnar	ng Debr	15	· Debris	Bould	ei ———	Масго	onytes	ati	east U.Zt	0 m deep			
ank Erosi		f Continuou	 s Bare Soil (neares	[st 0.01 m) with	in 1 m of stre	am	% of Erod	ed Bank	to the	e crest o	or within 5	m of	stream	edge
	Left:	<u></u>) Right:	-	(m)			Left	· C)	(%)	Right:	0	(%	(۱)
parian La	nd Use: Perd	CONTRACTOR OF	Nadalahar 1966	nk wit	11 11 12 12 12 12 12 12 12 12 12 12 12 1	am edge, ald	ong tra					Section	Total	Moral	#
Cropland	Pasture	Barnyard	Develo		Meadow	Shrubs		oodland	Wetla	nd		ed Rock		er - Spa	
oropiana,	rasture	DailiyalQ	Develo	ped	Meanów	SHIUDS	+ **	OUIANU	/ac		Expose	su NOCK			
											<u> </u>				

Transect Data						(24142.5).6			
Stream Name N Br (Qd	lar Cre	eh.	Wa	terbody ID C		oate (MMDDYY ろし 23	YY) Transect No		
Distance from Start (m) Stream			Ваг		m) (optional)		Width (m) (optiona		
150 3.		Riffle Poo	Run		14	and the second s			
	Deepest	4.15	Channel F	Position (Fifth	hs of Current	Stream Width)			
	Point	1/5 , 30		, 46.		3/5	4/5 2-8		
Water Depth (m)		<i>y y</i> 0		50	Ja-		.54		
Depth of Fines and Water (m) Embeddedness (nearest 10%)		6 75	>	30	*	75	, 37		
of Course Gravel and Rubble/Co	obble	24 Self-1		on and our control of		10	10		
Percent (nearest 5%) of Stream Bott	om Covered					Sectio	n Total Must = 100		
Bedrock (solid slab)									
Boulder (261 mm - 4.1 m)									
Rubble / Cobble (65 - 260 mm)							· · · · · · · · · · · · · · · · · · ·		
Gravel (2 - 64 mm)				٠	/	' O	10		
Sand (0.062 - 1.9 mm)			4	20	/	0	10		
Silt (0.004 - 0.061 mm)		45	t	55	. 6	C	65		
Clay									
Detritus		45		15	13	September 1	15		
Other - Specify:		10 ud							
Percent (nearest 10%) of Stream Bot	tom Covered								
Algae (attached & fila.)		•		oranian da si propinsi ny manana na n	**	management on the state of the	til folk time time time time time to		
Macrophytes		(magazina)	Antonios	the second se	6	10	paintaile de la company de		
Canopy / Shading (circle one)	·		general security	e is a list time growth of the anti-collective and his last style to the	6=	A CONTRACTOR OF THE PARTY OF TH	g menting a supplication of the second of th		
over for Adult Gamefish: Length	ı (nearest 0.01 m) of transect within	0.15 m upstre	am or downs	tream in wate	er at least 0.20 m	ı in depth		
Undercut Overhanging Vegetat		Other	D	Subme		ergent Macrophyl least 0.20 m dee			
Banks at least 0.20 m overha	ang Debris	Debris	Boulder	Macrop	r.3	least 0.20 III dee	<u>ρ</u> ,		
Bank Erosion: Length of Continuo	us Bare Soil (nea	rest 0.01 m) withi	n 1 m of stream			e crest or within	5 m of stream edge		
Ľeft; ○ (r	n) Right	<u>(m)</u>		Left:	0	(%) Right _	<u> </u>		
iparian Land Use: Percent (neare		47 147 949	ım edge, along	transect			Total Must = 100%		
Cropland Pasture Barnyard	. Developed	Meadow	Shrubs	Woodland	Wetland	Exposed Rock	Other - Specify:		
Cropiano Fasture Darityali		MICHOUSE	O.III abo	.,,550,1010	100				
iparian Buffer Width: Length (ne	• • • • • • • • • • • • • • • • • • • •								

Transect D	191								
Stream Na					Ý	Waterbody ID	1		YY) Transect N
D'-1	N Bra	nch (<i>ed v√</i> ′idth (m) Habi	<u>Creek</u>		225		06 2726	
						Bankfull Depth	(m) (optional	· •	Width (m) (options
168	<u>S</u> -	4.7		Riffle Pog	· · · · · · · · · · · · · · · · · · ·	o L	7 1	nt Stream Width)-	4.1
			Deepest Point	1/5 &		2/5 / (3/5 24	4/5 3 -
Water Dept	th (m)			.22		24	•	26	. 2 2
Depth of Fi	nes and Wa	ter (m)		. 2_ 8	3	.28		. 29	. 2
Embedded	ness (neares Gravel and R	st 10%)	ble	100		90		70	So
	rest 5%) of St								Total Wust = 100
Bedrock (so	olid slab)	. 4.5		A CONTRACTOR OF THE SECOND	- 1 Vegy 1 1 e e e 1 1				
Boulder (26	1 mm - 4.1 m)							
Rubble / Co	bble (65 - 260	0 mm)							
Gravel (2 - 6	64 mm)			. 50		10	Z	-0	60
Sand (0.062	! - 1.9 mm)			5		80		70	30
Silt (0.004 -	0.061 mm)			40		10		10	10
Clay				•					
Detritus				5		· ·			
Other - Spec	oify:	*****							
ercent (near	rest 10%) of S	tream Botto	m Covered						
lgae (attacl	ned & fila.)			The region of the state of the last of the state of the s	ngdan gent ± NASC	namental and a standard and a standa		talka di Promotori	60
/acrophytes	3			got market and a market	-	50	Verina	***	Marie Control of Control
anopy / &ha	ading circle	one)		40		Security of the Control of the Contr		50 managada (1911).	gradient and a second a second and a second
over for Ac	dult Gamefis	h: Length (r	nearest 0.01 m)	of transect withir	n 0.15 m upsi	ream or downs	stream in wat	er at least 0.20 m i	n depth
Undercut Banks	Overhangin at least 0.20			Other Debris	Boulde	Submer Macrop		ergent Macrophyte least 0.20 m deep	
						0.0		<u> </u>	
ank Erosio	n: Length of	Continuous	Bare Soil (neare	est 0.01 m) within	n 1 m of strea	am % of Erod	ed Bank to th	ne crest or within 5	m of stream edge
	Left:	(w)	Right:	<u>O</u> (m)	HILLS OF THE STATE	Left		. (%) Right	(%)
parian Lan	d Use: Perce	ent (nearest	10%) of Bank w	ithin 5 m of strea	ım edge, alor	ng transect		Section	Fotal Must = 100%
Cropland	Pasture	Barnyard	Developed	Meadow	Shrubs	Woodland	Wetland	Exposed Rock	Other - Specify:
					······································		100		
parian Buf	fer Width	enath (near	est 1 () m) of Ur	ndisturbed Land	Uses along	transect within	1 6	eam	
210			•		COOS GIOING		10 111 01 301	ouni.	
t:	(m) Righ	nt <u> </u>	<u> </u>			,		•	

Transect l											7.7
Stream Na			A .	200 1		i	body ID				7 Transect No
			1- 69	reek_		_	250		06 27		
<i>ž</i> .		. [Width (m) Ha	bitat Type:		Bankfu	ıll Depth	(m) (optic	onal) Bar	ıkfull W	fidth (m) (optional)
	36	4	0	Riffle Po	ol Run		. %	,41	* 1		1.9.
			Deepest				- 1	ths of Cui	rrent Stream Wid	dth)	
			Point	 	.8	2/	/5 / s. (3	3/5	'	4/5 3 Z
Water Dep	oth (m)			25		-4	to all	3	. 26		a Summer Cong
Depth of F	ines and Wa	ater (m)		.28			029		, 28		of Zent
	dness (neare	,	, , , ,	80		R	(A)		206)	3/3//
175.00	Gravel and larest 5%) of S		A September 1	80			radi			/	サレ (C
r Ercent (rie	alest 3 /a) 01 3	neam bom	om Covered						29	ektou ii	otal Must = 100%
Bedrock (s	olid slab)										
Boulder (26	61 mm - 4.1 r	n) .									
Rubble / Co	obble (65 - 26	60 mm)									
Gravel (2 -				:60.		90)		85		80
	2 - 1.9 mm)			30							15
Silt (0.004 -	- 0.061 mm)	· · · · · · · · · · · · · · · · · · ·		120		10			10		
Clay											
Detritus		-									•
Other - Spe	cify:										
Percent (nea	rest 10%) of S	Stream Bott	om Covered								
Algae (attac	ched & fila.)										40
V acrophyte	s ·			10		100	2		100		** in the decreased the field decision from the field of
Canopy / Sh	nading (circl	e one)									•
Cover for A	dult Gamefis	sh: Length	(nearest 0.01 m) of transect withi	ո 0.15 m ups	tream c	or downs	stream in s	water at least D.2	0 m in	depth
Undercut		ng Vegetatio		Other			Subme		Emergent Macrop	ohytes	Other - Specify;
Banks -	at least 0.2	0 m overhar	ng Debris	Debris	Boulde	∍r	Macrop	<u> </u>	at least 0.20 m o	deep	·
							1.8				· · · · · · · · · · · · · · · · · · ·
Bank Erosid	on: Length o		s Bare Soil (nea	rest 0.01 m) with	in 1 m of stre	am %	of Erode	ed Bank t	o the crest or wit	hin 5 m	of stream edge
	Ľeft:	<i>O</i> (m) Right	(m)			Left:	<u>. U</u>	(%) Righ	t) (%)
liparian La	nd Use: Pero			within 5 m of stre	am edge, al <u>o</u> i	ng trans	sect		A Figure	ion To	tal Must = 100%
No.				889745		1 - 25-3	ant dutining se				Other - Specify:
	Pasture	Barnyard	Developed	Meadow	Shrubs	Woo	odland	Wetlan	d Exposed R	ock	. ,
Cropland	Pasiule							100	i	ı	

Left: >(m) Right >) (m)

tream Name N Branch (ec) istance from Start (m) Stream	Car Cree Width (m) Ha	h	,	Water	rbody ID C	Code	Date (MN	IDDYYY	Y) Transect
	<u> Width (m)</u> Ha	L		i			1 '		
	. Width (m) ⊩a				2256				- Consideration Partie
104-1	10 1		/	Bankti	ull Depth (nai) i		Width (m) (option
	/・ク L	RifflePoo	ol Run			40	1.01		> / exercitorions
· ·	Deepest Point	1/5 、			$\frac{1}{2/5}$	ns of Cur	ent Stream	vviatn)-	4/5 3
	, one	1100	7		, <u>a</u>		.27	1	410
ater Depth (m)		948			46				9 600
epth of Fines and Water (m)		,51		e	54		. 47	3	.40
mbeddedness (nearest 10%) Course Gravel and Rubble/C	obble	Vincent course applicated							
ercent (nearest 5%) of Stream Bo	tom Covered							Section	Total Must = 10
edrock (solid slab)									
oulder (261 mm - 4.1 m)				· · · · · · · · · · · · · · · · · · ·					
ubble / Cobble (65 - 260 mm)									· · · · · · · · · · · · · · · · · · ·
ravel (2 - 64 mm)							,		
and (0.062 - 1,9 mm)		45		Zi	0		30		5
t (0.004 - 0.061 mm)		50		80		•	60		45
ау		•				_			
etritus		5					10		
her - Specify:		201 (200 - 10		1 - 2 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0	Filozofia (Alexandra)				
rcent (nearest 10%) of Stream Bo	ttom Covered								
gae (attached & fila.)		10		gazar dalar					. s. 1
crophytes		,		Lessen			60		and the second second
nopy / Shading (circle one)							And the second s		Mary Commence of the Commence
ver for Adult Gamefish: Lengt	h (nearest 0.01 n	n) of transect withi	n 0.15 m ups	stream	or downst	ream in v	vater at least	0.20 m ii	n depth
Undercut Overhanging Vegeta Banks at least 0.20 m overh	tion Woody	Other Debris	Bould		Submer Macroph	ged E	Emergent Ma at least 0.20	crophytes	T
.50 .20	ang Debrie	DODIES	Bodia		e 7	- +		· III deep	
nk Erosion: Length of Continuo	ous Bare Soil (ne	arest 0.01 m) withi	n 1 m of stre	eam 9	% of Erode	ed Bank to	the crest or	within 5	m of stream edg
Left:(m) Right:	<i>O</i> (m)			Left:	0	(%)	(Right	<i>)</i> (%)
arian Land Use: Percent (neare	est 10%) of Bank	within 5 m of stream	am edge, ald	ong tran	nsect		S	Section T	otal Must = 100
ropland Pasture Barnyai	d Developed	d Meadow	Shrubs	Wo	oodland	Wetlan	d Expose	d Rock	Other - Specify
			-			100			
arian Buffer Width: Length (n						40		1_	