Teton Stoneflies WYNDD-Tronst		3115				Date:_	10 Aug 2	282	
Time: Arrived:_	12:35	Depa	arted: M:00		Collectors	: W.	SH, TP		
Stream: Sc	Mox			Loc	ation Desc	ription:			
Coordinates: N	43.83	3953	<u> </u>	1	10.75	655	Datum:	MAO	83
Elevation: 2	113m	ft	Site	name	on GPS:_	Sku	let		
Water quality (R	ecorded with	a YSI I	Pro Plus Mulitpr	obe)			91-		7/
Parameter		Value		Un	its	Last cal	librated: 8/8	DO:	110
Water temperatu		8	6	°C		Photos	taken: Site	Temp Pro	ohe`
Barometric press	sure	55	56.6	mn	nHg			- 4	000
DO		×	7.0	% 5	saturation		r: Blue Sky	0	L. A
DO		-	11	mg	/L	Substra	te type: World	+ B0	rulder
Specific conduct	ivity (SPC)		3,3	μS	/cm	3 Surb	ers collected:		
Conductivity	1		2.3.	μS	'cm				
pН			37			Biofilm	rank: Little M	edium	Green
ORP		•		mV	7	Microb	es collected:		
Air temp		Tank!		°C		The	bidity 1:	1,0 N	TU
70 1 1 1 1		TV							_
Pfankuck Index	Excelle	ant	Good		E	air	Poor	Score	Notes
Angularity	Lots of edg		Some edges, so round (2)	ome		edges (3)	All round (4)	2	Notes
Brightness	Most surfa	ces	Mostly dull, <3	35%	50/50 dul	1 &	Mostly bright,	40	-77
(Dull = biofilm)	dull (1)		bright (2)		bright (3)		>65% (4)	45	3.57
Scour	<5% evider scour (6)	nce of	5-30% of bed scoured (12)		30-50% c scoured (>50% of bed scoured (24)	24	-
Consolidation of substrate	Tightly pac	ked	Moderately packed (4)		Mostly		Totally loose, easily moved (8)	6	<i>i</i> \$
Aquatic Veg	Abundant v	/eg,	Common veg o	r	Spotty, in	5	Perennial types,		
	moss in sw	ift	algae, lots in po	ools	backwafe	/	very scarce or	3	
	water (1)		(2)		seasonal	argae (3)	absent (4)		
Deployed Temp	logger numb	er: <u>10</u> 0	772587 Co	ordir	ates: UTM	s: N	W -		X
Retrieved Temp	logger numb	er: 20	3571723		N	otes: TV	ally burred	14	
Description of lo	gger location	Just	downstream	4	bander	on S	ashside , lace	uca	noth side
Photo numbers of	f temp logger	r placem	ient:	1			7.		
×	1 00	_	8					337	/
Suspended Solids	g.						Nutrient samples c	ollected:_	1
Filter number	3. ************************************	3	*2		# 7	_	DOC collected:	V	
		ŧ.,				2			

200

Chl a collected:

Algae collected:

Volume filtered (mL)

210

Teton Stoneflies 2022
WYNDD-Tronstad 307-766-3115

Date:____

Stream Profile:

(left edge)

looking down stream

(right edge)

Distance (cm)	0	60	120	180	140	200	260	320	340	1		
Depth (cm)	1	2	2	5	9	8	122	9	6			

Flow:

Replicate	Distance (yds)	Time (sec)
1	4.7	4
2		3
3	V	4

3 Rock tracings (chlorophyll a):



Notes:

dogger is completely build under coole More water than just year Scott took photos of a rock we could install a pressure transducer in

Teton Stoneflies WYNDD-Tronst		3115			4	Date:_	o Me a	A)d	}
Time: Arrived:	9:30	Depa	urted:	in-	Collectors	et s	H DF+	TP	
Stream: S.	Alaska	B	asin	Loca	ation Desc	ription:}	At Deb's a	ampsit	e
Coordinates: N_	43.6	927	r6 V	V	100,88	5851	Datum:	NAC)83
Elevation: 2	,881	A	m Site	name	on GPS:_	S Ak	Jun Seey	0 1	7
Water quality (Re	ecorded with	a YSI I			. *		0,		6
Parameter		Value		Un	its	Last cal	librated: 8/7	DO:	8
Water temperatur	e	a	-0	°C		Dhatas	4-1 C:4/	T D	
Barometric press	ure		15.0	mn	Hg		taken: Site	Temp Pro	be
DO	4	j	84.3	% s	aturation		r: Sunn		<u> </u>
DO	The state of	11	,59	mg	/L	Substra	te type: Cool) <u> </u>	The same
Specific conducti	vity (SPC)	2	08.3	μS/		3 Surbe	ers collected:		
Conductivity	-	11	6.7	μS/	cm	Riofilm	rank: Little M	edium	Green
pH	*		1.99	-/	,716			Cululli	GICCII
ORP		*		mV	V = "7	Microbe	es collected:		
Air temp		W	Alem"	°C		Acre	d 345°	Tuchi	det = 4.01
Pfankuck Index						- Selec		100.0	N
	Excelle	ent	Good			air	Poor	Score	Notes
Angularity	Lots of edg		Some edges, so round (2)			edges (3)	All round (4)	2	4
Brightness (Dull = biofilm)	Most surfacture dull (1)	ces	Mostly dull, < bright (2)	35%	50/50 dùl bright (3)		Mostly bright, >65% (4)	3	
Scour	<5% evide	nce of	5-30% of bed		30-50%		>50% of bed	6	
Consolidation	scour (6) Tightly pac	7.10	scoured (12) Moderately		scoured (Mostly/fo		scoured (24) Totally loose,	/_	
of substrate	(2)	111.6	packed (4)				easily moved (8)	0	
Aquatic Veg	Abundant v moss in sw water (1)	0.	Common veg of algae, lots in p (2)		Spotty, in backwate seasonal	r or	Perennial types, very scarce or absent (4)	1	, ,
		01						bara	manufacture (to
Deployed Temp				ordin	ates: UTM	[s: N	Same as .	7 .00	
Retrieved Temp	logger numb	er: <u>21</u>	101990		N	otes:	abel did not	hold	Sp
Description of log	gger location	:	Same		, 4				
Photo numbers of	temp logger	r placem	ent:Nous	e					
			* id	E.			Nutrient samples c	ollected:	V
Suspended Solids Filter number	:	1		- 4					
	(mI)	7	2		3		DOC collected:		 2
Volume filtered		000	1000		1000		Chl a collected:		
							Algae collected:		
							Turbully -		

WYNDD-Tronstad 307-766-3115

Date: 8 Aug 2022

Stream Profile:

(left edge)

looking down stream

(right edge)

Distance (cm)	Ø	10	2,0	30	40	50	60	70	BØ
Depth (cm)	5	8	14	11	12	6	2	2	1

Flow:

Replicate	Distance (yds)	Time (sec)
1	6.1	7.8
2	6.1	8.1
3	6.17	10.5

3 Rock tracings (chlorophyll a):

Notes:

Maybe a little more water

Surraindy geology metamorphie, RG is limestare

		3115				Date:_	8 Aug 20	021		
Time: Arrived:	ANDD-Tronstad 307-766-3115 me: Arrived: 3.55 Departed: S.15 Collectors: Al S.4 TP ream: S.F. Total Collection Description: Sold State Pool State Received with a YSI Pro Plus Multiprobe) rameter Value Units tater quality (Recorded with a YSI Pro Plus Multiprobe) rameter Value Units tater temperature 7.2 °C rometric pressure 90 90 8 saturation 90 8 saturation 90 90 90 90 90 90 90 90 90 90 90 90 90									
								Pag	<u>C</u>	
Coordinates: N	Arrived: 3:55 Departed: SIS Collectors: AT SA TP a:SF Total Crede Location Description: Balay Budden mates: N 43 6 083 W 10.24093 Datum: N on: 308 Site name on GPS: SF Total puality (Recorded with a YSI Pro Plus Mulitprobe) eter Value Units comperature proper trice pressure mmHg conductivity (SPC) H. G	MADZ	83							
Elevation: 30	e: Arrived: 3:55 Departed: Seam: Departed: Sea			name	on GPS:_	SF T	etan			
									7 /	
Parameter	WYNDD-Tronstad 307-766-3115 Fime: Arrived: 3:55 Departed: 5:15 Stream: 5 Total Credit L Coordinates: N 43 69083 W- Elevation: 3008 Site na Water quality (Recorded with a YSI Pro Plus Mulitprob Parameter Value Water temperature Barometric pressure DO DO Conductivity (SPC) Total Conductivity DH DRP Air temp Pfankuck Index Excellent Good Angularity Lots of edges (1) Some edges, som round (2) Brightness Dull = biofilm) dull (1) Scour Sow edges (1) Some edges, som round (2) Brightness Dull = biofilm) dull (1) Scour Sow evidence of 5-30% of bed scoure (12) Consolidation of substrate (2) Aquatic Veg Abundant veg, moss in swift algae, lots in poor water (1) Deployed Temp logger number: 2057 1724 Coordetrieved Temp logger number: 2057 1724 Coordetrieved Temp logger placement:		its	Last cal	ibrated: 8/7	DO:	18			
Water temperatur	PARTIVED: 3:55 Departed: Set Arrived:		7,2	°C						
Barometric press	Properties and a second and a substrate (2) In the solidation substrate (3) In the solidation substrate (4) In the solidation substrate (5) In the solidation substrate (5) In the solidation substrate (5) In the solidation substrate (6) In the solidation substrate (7) In the solidation substrate (8) In the solidation substrate (9) In the solidation substrate (1) In the solidation substrate (2) In the solidation substrate (3) In the solidation substrate (4) In the solidation substrate (5) In the solidation substrate (5) In the solidation substrate (6) In the solidation substrate (7) In the solidation substrate (8) In the solidation substrate (9) In the solidation substrate (1) In the solidation substrate (2) In the solidation substrate (3) In the solidation substrate (4) In the solidation substrate (5) In the solidation substrate (1) In the solidation substrate (2) In the solidation substrate (3) In the solidation substrate (4) In the solidation substrate (5) In the solidation substrate (7) In the solidation substrate (8) In the solidation substrate (9) In the solidation sub		mn	ıHg	1/4		- ,	obe V		
DO		.0	% s	saturation	Weathe	r Blue Sky	day			
DO		.84	mg	/L	Substrat	te type: Cobble		**		
Specific conduct	ivity (SPC)	7		L		3 Surbe	ers collected:	/	The state of the s	
Conductivity		60	1,9	μS/	cm	Diofilm	ronk: Vittl M	adium	Pegle NAO 83 DO: 3/8 emp Probe / Score Notes 3 4 6 6 3 When the second is a second in the s	
pН		8.	04					1		
ORP				mV		Microbe	es collected:			
Air temp	7.6			°C		SOG	4 5 9	Turbi	dh = 1.6	
DC 1 1 T 1					1	KSO	a do		J 1	
Plankuck Index	Excell	ent	Good		F	air	Poor	Score	Notes	
Angularity	ation: 3058 ation		Some edges, se	ome				_	- 2	
Brightness	Most surfa	ces		35%	bright (3)		Mostly bright,	4		
(Dull = biofilm)								/		
Scour	scout (6)	nce of						10		
Consolidation	Tightly pac	cked	Moderately		Mostly	ose (6)		6		
Aquatic Veg	recific conductivity (SPC) Inductivity Solution Recific conductivity (SPC) Recific		Common veg of algae, lots in p		backwate	er)or	Perennial types, very scarce or	3	21	
Time: Arrived: 3'55 Departed: SIS Collectors: A THE STREAM: SIFE Departed: SIS Collectors: A THE STREAM: SIFE DEPARTMENT OF										
Deployed Temp	logger numb	er: <u>20</u>	571729cc	ordin	ates: UTM	Is: N	and as W-			
Retrieved Temp	logger numb	per: <u>2</u>	416500		N	otes:				
Description of lo	gger location	1: In	Pool 14 PE	stream	n of	bedroo	de exposed			
Photo numbers of	f temp logge	r placen	nent:							
Suspended Solids	s:						Nutrient samples c	Patum: NRO 83 Temp Probe Temp Probe ILL Medium Green Score Notes (4) 3 Sht, 4 ed 4) 6 ose, red (8) 6 types, e or 3 OSed Imples collected: The probe of the probability of		
Filter number	Arrived: 3:55 Departed: S Arrived: 3:55 Departe				++/	2	DOC collected:			
Volume filtered	(T)	Excellent Soft edges (1) Some edges round (2) St surfaces (1) Sovidence of scoured (12) And the surfaces Soft edges (1) Some edges round (2) Mostly dull, bright (2) Soured (12) Moderately packed (4) Common ve algae, lots in (2) The number: 20571724 Soft number: 20			1000	5	Chl a collected:	V		
	9				Market Verr		Algae collected:	1		

WYNDD-Tronstad 307-766-3115

Date:		

Stream Profile:

(left edge)

looking down stream

(right edge)

Distance (cm)	Ø	20	40	60	80	100	4	
Depth (cm)	7	3	14	15	В	3		- 7

Flow:

Replicate	Distance (yds)	Time (sec)
1	Y	9.77
2	4	8.30
3	. U	7,38

3 Rock tracings (chlorophyll a):

Notes:

Site looks the Some, Mejacys & Tipulider.

Coordinates: N W	Stream: N	d Cai	10		Loca	ation Desc	ription:_(Briside Car	ve m	aun
Elevation: ft Site name on GPS: Water quality (Recorded with a YSI Pro Plus Mulitprobe) Parameter Value Units Water temperature Photos taken: Site Temp Probe Barometric pressure 56, 4 mmHg DO 7, 4 saturation DO 8, saturation Meather: Gold Clarky Substrate type: Cools Surbers collected: Surbers collected: Fig. Conductivity Biofilm rank (Little) Medium Green Microbes collected: 7, 4 moldium Green Micr	7-7/-	41								
Water quality (Recorded with a YSI Pro Plus Mulitprobe) Parameter Value Units Barometric pressure Barometric pressure DO Record of State and State an										
Parameter Value Units Last calibrated: 4/3 DO: 1/4	1		0 1	8		on GPS:_				
Substrate temperature		ecorded with				ite	Legton	librated: 8/2	DO:	8/7
DO Specific conductivity (SPC) Moderately possure (Specific and activity) State (Specific and activity) Specific conductivity (SPC) Moderately possure (Specific and activity) State (Specific and activity) Specific and activity Sp		re	Value	201	_	165	Last ca	norated. 75	_ DO	1.+
Specific conductivity (SPC) Specific conductivity (SPC) Conductivity BH ORP Air temp Excellent Angularity Lots of edges (1) Brightness (Dull = biofilm) Consolidation of substrate (2) Aquatic Veg Abundantyeg, moss in swift water (1) Deployed Temp logger number: Description of logger location: Phone Substrate type: JUS/cm Biofilm rank: Little Medium Greer Microbes collected: JUGO AT TO SCOPE Rounded edges (3) All round (4) Rostly bright (2) Bright (2) Scour Solve of bed scoured (12) Scoured (12) Scoured (12) Spotty, in Sp	Barometric press	ure	C-1	1 //	mn	nHg	Photos	taken: Site	Temp Pr	robe
Substrate type: Substrate	DO		2	1.9	% s	saturation	Weathe	r: Partly Clo	udv	1. 1
Specific conductivity (SPC) Conductivity PH ORP Air temp Code and a second and and a second and a second and a second and and a second and a se	DO		. 11	7.0	mg	/L		٠	. /	1
Conductivity pH ORP Air temp Conductivity C			1	100 0					1 .	
DRP Air temp C Microbes collected: Medium Green	741		- 80	-			3 Surb	ers collected:		Dise
ORP Air temp C C C C C C C C			1	777			Biofilm	rank: Little M	edium	Green
Air temp C C C C C C C C C	•		T	th	mV	7	Microb	es collected:		
Pfankuck Index Excellent Good Fair Poor Score Manual Poor Score Manual Poor P		1-		1138	4		Tuch	idity V	71	14
Roularity Lots of edges (1) Some edges, some round (2) Rounded edges (3) All round (4) Rounded edges (3) Rounded edges (3) All round (4) Rounded edges (3) Rounded edges (4)	Tin temp						1000		// (0 1
Angularity Lots of edges (1) Some edges, some round (2) Brightness (Dull = biofilm) Most surfaces dull (1) Scour Sour S	Pfankuck Index	the same	A							-
Brightness (Dull = biofilm) Most surfaces (dull (1) bright (2) bright (3) bri		Excelle	ent	Good		F		Poor	Score	N
Dull = biofilm dull (1) bright (2) bright (3) .>65% (4) Mostor	Angularity		res (1)	Some edges se	ome	Rounded	edges (3)		3	
Scour		Lots of edg	2	round (2)				All round (4)	2	
Aquatic Veg Abundant veg, moss in swift water (1) Common veg or algae, lots in pools (2) Coordinates: UTMs: N Retrieved Temp logger number: Notes: Description of logger location: Photo numbers of temp logger placement: Nutrient samples collected:	Brightness	Lots of edg Most surfa	2	round (2) Mostly dull, <		50/50 dul	11 &	All round (4) Mostly bright,	2	
Aquatic Veg Abundant veg, moss in swift water (1) Common veg or algae, lots in pools (2) Coordinates: UTMs: N Retrieved Temp logger number: Notes: Description of logger location: Photo numbers of temp logger placement: Nutrient samples collected:	Brightness	Lots of edg Most surfadull (1) <5% vide	ces	round (2) Mostly dull, < bright (2) 5-30% of bed	35%	50/50 dul bright (3) 30-50% d	il &)	All round (4) Mostly bright, .>65% (4) >50% of bed	3	
moss in swift water (1) algae, lots in pools backwater or seasonal algae (3) very scarce or absent (4) Deployed Temp logger number: 2057/722 Coordinates: UTMs: N W- Retrieved Temp logger number: Notes: Description of logger location: Photo numbers of temp logger placement: 2 and not find temp logger. Floral in Jane. Realized Suspended Solids: Nutrient samples collected: V	Brightness	Most surfadull (1) <5% evide scour (6)	ces nce of	round (2) Mostly dull, < bright (2) 5-30% of bed scoured (12)	35%	50/50 dull bright (3) 30-50% of scoured (11 &) of bed (18)	All round (4) Mostly bright, >65% (4) >50% of bed scoured (24)	3	
water (1) (2) seasonal algae (3) absent (4) Deployed Temp logger number: 20571722 Coordinates: UTMs: N Retrieved Temp logger number: Notes: Description of logger location: Photo numbers of temp logger placement: 2 and not find temp logger, Flord in June, Realized Suspended Solids: Nutrient samples collected: V	Brightness (Dull = biofilm) Scour Consolidation	Most surfadull (1) <5% evide scour (6) Tightly page	ces nce of	round (2) Mostly dull, bright (2) 5-30% of bed scoured (12) Moderately	35%	50/50 dull bright (3) 30-50% of scoured (11 &) of bed (18)	All round (4) Mostly bright, >65% (4) >50% of bed scoured (24) Totally loose,	1	
Photo numbers of temp logger placement: Carld not ind temp logger, Flord in Jane, Keally Suspended Solids: Notes: Nutrient samples collected:	Brightness (Dull = biofilm) Scour Consolidation of substrate	Most surfadull (1) <5% evide scour (6) Tightly pac (2) Abundants	ces nce of cked	round (2) Mostly dull, bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg of	35% or	50/50 dul bright (3) 30-50% o scoured (Mostly to	il &) of bed (18) ose (6)	All round (4) Mostly bright, >65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types,	1	
Photo numbers of temp logger placement: Carld not ind temp logger, Flord in Jane, Keally Suspended Solids: Notes: Nutrient samples collected:	Brightness (Dull = biofilm) Scour Consolidation of substrate	Most surfadull (1) <5% evide scour (6) Tightly pac (2) Abundant moss in sw	ces nce of cked	round (2) Mostly dull, bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg of algae, lots in p	35% or	50/50 dul bright (3) 30-50% of scoured (Mostly for Spotty, in backwate	of bed (18) ose (6)	All round (4) Mostly bright, >65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or	1	Budio Most
Description of logger location: Photo numbers of temp logger placement: Could not find temp logger, Flored in Jane, Really Suspended Solids: Nutrient samples collected:	Brightness (Dull = biofilm) Scour Consolidation of substrate Aquatic Veg	Most surfadull (1) <5% evide scour (6) Tightly pad (2) Abundant moss in sw water (1)	ces nce of cked veg,	round (2) Mostly dull, bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg of algae, lots in p (2)	35% or oools	50/50 dull bright (3) 30-50% of scoured (Mostly for backwater seasonal sea	of bed 18) Dose (6) or or algae (3)	All round (4) Mostly bright, 265% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4)	1	
Photo numbers of temp logger placement: Could not find temp logger, Flord in Jane, Keally Suspended Solids: Nutrient samples collected: Nutrient samples collected:	Brightness (Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp	Most surfadull (1) <5% evide scour (6) Tightly pac (2) Abundant moss in sw water (1) logger numb	ces nce of cked veg, ift	round (2) Mostly dull, bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg of algae, lots in p (2)	35% or oools	50/50 dul bright (3) 30-50% o scoured (Mostly to Spotty, in backwate seasonal a	of bed (18) bose (6) r or algae (3) Is: N	All round (4) Mostly bright, 265% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4)	1	
Suspended Solids: Nutrient samples collected: V	Brightness (Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp	Most surfadull (1) <5% evide scour (6) Tightly pac (2) Abundant moss in sw water (1) logger numb	ces nce of cked veg, ift	round (2) Mostly dull, bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg of algae, lots in p (2)	35% or oools	50/50 dul bright (3) 30-50% o scoured (Mostly to Spotty, in backwate seasonal a	of bed (18) bose (6) r or algae (3) Is: N	All round (4) Mostly bright, 265% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4)	1	
Suspended Solids: Nutrient samples collected: V	Brightness (Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp Retrieved Temp	Most surfadull (1) <5% vide scour (6) Tightly pac (2) Abundant moss in sw water (1) logger numb	ces nce of cked veg, ift eer: 20	round (2) Mostly dull, bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg of algae, lots in p (2)	35% or oools	50/50 dul bright (3) 30-50% o scoured (Mostly to Spotty, in backwate seasonal a	of bed (18) bose (6) r or algae (3) Is: N	All round (4) Mostly bright, 265% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4)	1	
Suspended Solids:	Brightness (Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp Retrieved Temp Description of lo	Most surfadull (1) <5% wide scour (6) Tightly pac (2) Abundant moss in sw water (1) logger numb logger numb gger location	ces nce of cked veg, ift eer: 20 cer: C	round (2) Mostly dull, bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg of algae, lots in p (2)	or pools	50/50 dul bright (3) 30-50% of scoured (Mostly to Spotty, in backwate seasonal states: UTM	of bed (18) bose (6) or or algae (3) otes:	All round (4) Mostly bright, >65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W -	1 6	Mos das a
100	Brightness (Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp Retrieved Temp Description of lo	Most surfadull (1) <5% wide scour (6) Tightly pac (2) Abundant moss in sw water (1) logger numb logger numb gger location	ces nce of cked veg, ift eer: 20 cer: C	round (2) Mostly dull, bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg of algae, lots in p (2)	or pools	50/50 dul bright (3) 30-50% of scoured (Mostly to Spotty, in backwate seasonal states: UTM	of bed (18) bose (6) or or algae (3) otes:	All round (4) Mostly bright, >65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W -	1 6	Mos das a
TOUL COHECTED: \/	Brightness (Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp Retrieved Temp Description of lo Photo numbers o	Most surfadull (1) <5% wide scour (6) Tightly pac (2) Abundant moss in sw water (1) logger numb logger numb gger location f temp logge	ces nce of cked veg, ift eer: 20 cer: C	round (2) Mostly dull, bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg of algae, lots in p (2)	or pools	50/50 dul bright (3) 30-50% of scoured (Mostly to Spotty, in backwate seasonal states: UTM	of bed (18) ose (6) or or algae (3) Is: N	All round (4) Mostly bright, >65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W-	Jane,	Real (S)
' WI ' / NO ANIGOTAL'	Brightness (Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp Retrieved Temp Description of lo Photo numbers o	Most surfadull (1) <5% evide scour (6) Tightly pac (2) Abundant moss in sw water (1) logger numb logger numb gger location f temp logge	ces nce of cked veg, ift eer: 20 ncer: C	round (2) Mostly dull, bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg of algae, lots in p (2)	or pools	50/50 dul bright (3) 30-50% of scoured (Mostly to Spotty, in backwate seasonal states: UTM	of bed (18) bose (6) or or algae (3) Is: N otes:	All round (4) Mostly bright, >65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W-	Jane,	Real (S)

Teton Stor						, I	Date:	4		
WYNDD-7 Stream Pro	5 m	ad 307-76 WPSW (left ed	clem a	f usual		ing down st	ream*		(righ	t edge)
Distance (c	m)	.0	.5	1	1.5	2	2.5	3.0	3.3	
Depth (cm)		3	3	7	15	0	5	5	9	
Flow:		de .								5.1
Replicate	Dist	ance (yds) T	ime (sec)		52			Janes de la constitución de la c	
1		9,9		7.74				1		1
2		9,9		0.35				1	(
3		9,9		6.40			. /	/	,	
Notes:	Win #/	d			1 a) nd #2			*3	
41	hu dso ew right	d. Sid	lood sts of u 4n	sen. Stocker. mared mared norm land trean.	magne bailde rel, dog mod-sl Some	s + + sa lib	rees in edy buri-	stream ed Sculdus	of place	w d

	4		May !				a A	7		
Teton Stoneflies WYNDD-Tronst		66-3115	T. T.			Date:_	Thy.	202	2	
Time: Arrived:	1:30	Dep	arted: 3:0	0	Collectors	s:	00 50	la		
Stream: 504	dh (i	iscade	icy seep	Loc	ation Desc	ription:	MOST Samo	hilly ~	140.50m	
Coordinates: N			W	V	4		Datum:		als of seep	
Elevation:		ft	Site	name	on GPS:_		4		1075ma	
Water quality (Re	ecorded v	vith a YSI	Pro Plus Mulitpr	obe)	-		oppland	plt	independa	
Parameter .		Value		Un		Last ca	librated: 2 days	DO:	day hand	
Water temperatur	re	(ا, (°C	Mar.		490	- 0	LON TOWN	
Barometric pressure		5	28	mmH				Temp Pr	robe	
DO			DE 102	% saturation		Weather: Sunny + (alm!				
DO			1609 10.2	mg/L		Substra	te type: Same of	000	e nocksul	
Specific conducti	ific conductivity (SPC)		176	μS	/cm	3 Surb	ers collected:	+14	r Sme for	
Conductivity	ductivity		94	μS/cm			6	edium	Green	
pH	H .		7.8					N=		
ORP	ORP		95	mV	7	Microb	Wildrobes concerns.			
Air temp		mari	w.l.	°C		Tul	bidet as	9	NTU	
	di			I		10(1	S. C.			
Pfankuck Index		allant	Good		T.	air	Poor	Score	Notes	
Angularity		ellent edges (1)	Some edges, so	ome		edges (3)	All round (4)	—	Notes	
			round (2)					1	1	
Brightness (Dull = biofilm)	Most su dull (1)	rfaces	Mostly dull, <3 bright (2)	35%	5% 50/50 dull & bright (3)		Mostly bright, >65% (4)	4		
Scour	<5% ev	idence of	5-30% of bed		30-50% (of bed	>50% of bed	8	mach mor	
Consolidation	scour (6 Tightly	/	scoured (12) Moderately		scoured (18) Mostly loose/(6)		scoured (24) Totally loose,	112	scon Than	
of substrate	(2)	packed	packed (4)		Wiostry ic	oose(o)	easily moved (8)	Le	123	
Aquatic Veg	Abunda moss in	swift	Common veg of algae, lots in p				Perennial types, very scarce or absent (4)	4	pob snow	
3	water (1		(2)		seasonal		(photo that year	VITA	15 -> near	
Deployed Temp			972588 Co	ordir	nates: UTM	s: N	W -	Λ	org 2015 Saurie	
Retrieved Temp	logger nu	mber:		_	N	otes: look	ed More to	M7 6	Seep but	
Description of log	gger loca	tion:	will send	pl	robbes Ro	liscopie	N		Juck;	
Photo numbers of	f temp log	ger placen	nent:	25	- my	i Phone	c cloud			
Suspended Solids	ı•						Nutrient samples c	ollected:	N=2	
Filter number		1	2		7		DOC collected:	N=1	(ans	
Volume filtered	(mL)	300	250		28		Chl a collected:		C. F.	
			VA. 1.4.	O.			A REEL TO	1	V=)	
		(HHOUS SULL	Vas.	it of	eory	Algae collected:	V	10-3	

WYNDD-Tronstad 307-766-3115

Date: 9 Ag 7022

Stream Profile:	left edge)	0.0	*100	king down stream*		(right edge)
Distance (Can) [;	Ø 0.33	ale	-1,0	1.05		
Depth (cm)	5 6	8	1	Ø	*	

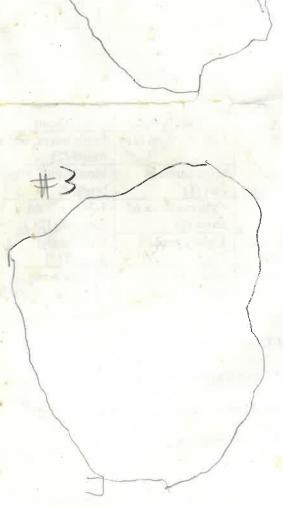
Flow:

Replicate	Distance (yds)	Time (sec)
1	7	11.6
2	7	9.7
3	7	11:0

3 Rock tracings (chlorophyll a):



Notes:



Lushais compass:

slope: "4° on any
SCINA VIAL White label: for turbidity

WYNDD-Tronst	s 2022 tad:307-766-	3115				Date:_	Il Aug 202	+0	
Time: Arrived:	13:00	Depa	arted:		Collectors	: 1	+ SA		
Stream: Mic	Ille T	Poter		Loca	ation Desc	ription:	some site	·	
Coordinates: N			V	V			Datum:		
Elevation:		ft	Site	name	on GPS:_				
Water quality (R	ecorded with	ı a YSI l	Pro Plus Mulitpr	robe)			8/0		7/
Parameter		Value	ı	Uni	its	Last ca	librated: 8/8	DO:	711
Water temperatur	re	2	2	°C					
Barometric pressure 54		0.0	mmHg		Photos taken: Site V Temp Probe				
DO	00 77		1,0	% saturation		Weather: Rarty Clardy Substrate type: Cobble + Barlder			
DO	00 10		,38	mg/L		Substra	te type: 6bble	+ Ba	dele
						3 Surbers collected:			
Conductivity			, γ μS/		cm	Biofilm rank: Little M		Iedium Green	
pH 5		.89	mV		Microbes collected:				
Air temp				°C				_	
Pfankuck Index	Excelle		Good		` Fa	-	rbidity = 14	Score	Notes
Angularity	Lots of edg	es (1)	Some edges, s	ome	Rounded	edges (3)	All round (4)	2	e.
Brightness (Dull = biofilm)	Most surfa	ces	Mostly dull, < bright (2)	35%	50/50 dul bright (3)		Mostly bright, >65% (4)	4	
Scour	<5% evide:		bright (2) f 5-30% of bed			f bed >50% of bed		-	
Consolidation					30-50% o			18	
	Tightly pac		Moderately		scoured (Mostly lo	1)8)	scoured (24) Totally loose,	18	
of substrate	(2)	eked	Moderately packed (4)		scoured (Mostly lo	ose (6)	scoured (24) Totally loose, easily moved (8)	18	
	(2) Abundant v moss in sw	eked veg,	Moderately packed (4) Common veg algae, lots in p	or	scoured (Mostly lo Spotty, in backwate	ose (6)	scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or		
of substrate Aquatic Veg	(2) Abundant v moss in sw water (1)	eked veg, ift	Moderately packed (4) Common veg algae, lots in p (2)	or pools	scoured (Mostly lo Spotty, in backwate seasonal	ose (6) r or algae (3)	scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4)		
of substrate Aquatic Veg Deployed Temp	Abundant v moss in sw water (1)	veg, ift er: \	Moderately packed (4) Common veg algae, lots in p (2) Hoffeld Common veg algae, lots in p	or pools	Spotty, in backwate seasonal anates: UTM	ose (6) r or algae (3) s: N	scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W -	3	
of substrate Aquatic Veg Deployed Temp Retrieved Temp	Abundant v moss in sw water (1) logger numb	veg, ift er: \(\)	Moderately packed (4) Common veg algae, lots in p (2) Hotal 101992	or pools poordin	Spotty, in backwater seasonal anates: UTM	ose (6) r or algae (3) s: N	scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W -	3	
of substrate Aquatic Veg Deployed Temp Retrieved Temp Description of log	Abundant v moss in sw water (1) logger numb logger numb	veg, ift eer: 16 oer: 2	Moderately packed (4) Common veg algae, lots in p (2) 767841Cc	or pools poordin	Spotty, in backwater seasonal anates: UTM	ose (6) r or algae (3) s: N	scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W -	3	
of substrate Aquatic Veg Deployed Temp Retrieved Temp Description of log	Abundant v moss in sw water (1) logger numb logger numb	veg, ift eer: 16 oer: 2	Moderately packed (4) Common veg algae, lots in p (2) 767841Cc	or pools poordin	Spotty, in backwater seasonal anates: UTM	ose (6) r or algae (3) s: N	scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W -	3	
of substrate Aquatic Veg Deployed Temp Retrieved Temp Description of log Photo numbers of	Abundant v moss in sw water (1) logger numb logger numb gger location f temp logger	veg, ift eer: 16 oer: 2	Moderately packed (4) Common veg algae, lots in p (2) 767841Cc	or pools poordin	Spotty, in backwater seasonal anates: UTM	18) ose (6) r or nigae (3) s: N	scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W -	8 3	
of substrate Aquatic Veg Deployed Temp Retrieved Temp	Abundant v moss in sw water (1) logger numb logger numb gger location f temp logger	veg, ift er: 16 oer: 2	Moderately packed (4) Common veg algae, lots in p (2) 767841Cc	or pools poordin	Spotty, in backwater seasonal anates: UTM	18) ose (6) r or algae (3) s: N	scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W -	Sollected:	

Date: 11 Aug 2022

Teton	Stoneflies	2022
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WYNDD-Tronstad 307-766-3115

Date:			
Jaie.			

Stream Profile:

(left edge)

looking down stream

(right edge)

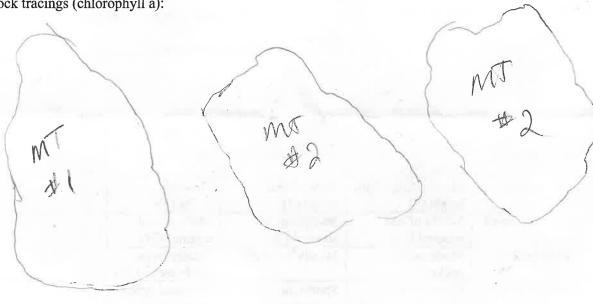
Distance (cm)				
Depth (cm)				

Flow:

Replicate	Distance (yds)	Time (sec)
1		
2		
3		

8.9 m wick stream

3 Rock tracings (chlorophyll a):



Notes:

Installing Pressure transducer at Claudveil
W/ NPS Physicial Swiences today (Jani, Joey, Jared - Madi Lets of midges here. High flav. Skuppid Infile + velocity to help drill into rocles for

Time: Arrived:		Depa	arted:		Collectors		II Aug J		Scott got
Stream: Ca	dist	D	- em	Loca	ation Desc	ription:			1097
Coordinates: N_			W	/			Datum:		
Elevation:		ft	Site	name	on GPS:_				5
Water quality (R	ecorded with				V.		87-	8	7,
Parameter		Value		Un	its	Last cal	librated: 8/8	DO:	<u>(M</u>
		<u> </u>	5				taken: Site		
		14,8	mmHg		Weather: Rath Claudy				
DO	DO 8		4.6	% saturation					
70		1	93	mg/L		Substra	te type: Gol	+ 0	aulde
Specific conductivity (SPC)				μS/c			9		
Candadida		/	.6	μS/c		3 Surbers collected:			
-II		1		7		Biofilm	rank: Little M	edium	Green
ORP	-	0	.67	mV	,	Microbe	es collected: $N=3$	* see	MACK
				°C		-	-		
Air temp		(WAY)	n			Aut	bidth 7	13 1	NTU
Pfankuck Index							3		-
	Excelle		Good	1 -		air	Poor	Score	Notes
Angularity	Lots of edg	ges (1)	Some edges so round (2)	ome	Rounded	edges (3)	All round (4)	2	e e
			round (2) Mostly dull, <35%		#0 /#0 1 1	11 0	3.6 (1.1.1.1)		
Brightness	Most surface	ces					Mostly bright,	41	
(Dull = biofilm)	dull (1)		bright (2)		50/50 dul bright (3)	1	>65%(4)	4	
	dull (1) <5% eviden		bright (2) 5-30% of bed		bright (3) 30-50% o	of bed	>65% (4) >50% of bed	4	
(Dull = biofilm) Scour Consolidation	dull (1) <5% evident scour (6) Tightly page	nce of	bright (2) 5-30% of bed scoured (12) Moderately		bright (3)	of bed (18)	>65% (4) >50% of bed scoured (24) Totally loose,	6	
(Dull = biofilm) Scour Consolidation of substrate	dull (1) <5% evider scour (6) Tightly pace (2)	nce of	bright (2) 5-30% of bed scoured (12) Moderately packed (4)		bright (3) 30-50% o scoured (Mostly lo	of bed 18) pose (6)	>65% (4) >50% of bed scoured (24) Totally loose, easily moved (8)	1	
(Dull = biofilm) Scour Consolidation	dull (1) <5% evider scour (6) Tightly pac (2) Abundant v moss in sw	nce of cked	bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common vég calgae, lots in position de la common vég calgae.	or	bright (3) 30-50% c scoured (Mostly lo Spotty, in backwate	of bed 18) pose (6)	>65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or	6	lots most
(Dull = biofilm) Scour Consolidation of substrate	dull (1) <5% evider scour (6) Tightly pac (2) Abundant v moss in sw water (1)	cked veg,	bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg calgae, lots in po (2)	or ools	bright (3) 30-50% of scoured (Mostly lo	of bed 18) bose (6) r or algae (3)	>65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types,	6	Lots mos
(Dull = biofilm) Scour Consolidation of substrate Aquatic Veg	dull (1) <5% evider scour (6) Tightly pac (2) Abundant v moss in sw water (1) logger numb	nce of cked veg, rift eer: 211	bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common vég calgae, lots in po (2)	or ools	bright (3) 30-50% of scoured (Mostly lo Spotty, in backwate seasonal a	of bed 18) bose (6) r or algae (3)	>65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4)	6	lots mos
(Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp Retrieved Temp	dull (1) <5% evider scour (6) Tightly pace (2) Abundant v moss in sw water (1) logger numb	nce of cked veg, ift eer: 211	bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg calgae, lots in per (2) Common veg calgae (2)	or ools oordin	bright (3) 30-50% of scoured (Mostly lo Spotty, in backwate seasonal a	of bed 18) bose (6) r or algae (3) s: N	>65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W-	6 4 7	con used sid
(Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp	dull (1) <5% evider scour (6) Tightly pace (2) Abundant v moss in sw water (1) logger numb logger numb gger location	nce of cked veg, ift oer: 211	bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg calgae, lots in per (2) Color (2) Co	or ools oordin	bright (3) 30-50% of scoured (Mostly lo Spotty, in backwate seasonal a	of bed 18) bose (6) r or algae (3) s: N	>65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W-	6 4 7	con used sid
(Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp Retrieved Temp Description of log	dull (1) <5% evider scour (6) Tightly pace (2) Abundant v moss in sw water (1) logger numb logger numb gger location	nce of cked veg, ift oer: 211	bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg calgae, lots in per (2) Color (2) Co	or ools oordin	bright (3) 30-50% of scoured (Mostly lo Spotty, in backwate seasonal a	of bed 18) bose (6) r or algae (3) s: N	>65%(4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W- (5(61))	6 4 Z	
(Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp Retrieved Temp Description of log Photo numbers of	dull (1) <5% evider scour (6) Tightly pac (2) Abundant v moss in sw water (1) logger numb logger numb gger location f temp logger	nce of cked veg, ift oer: 211	bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg calgae, lots in per (2) Color (2) Co	or ools oordin	bright (3) 30-50% of scoured (Mostly lo Spotty, in backwate seasonal a	of bed 18) bose (6) r or algae (3) s: N	>65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W-	6 4 Z	
(Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp Retrieved Temp Description of log	dull (1) <5% evider scour (6) Tightly pac (2) Abundant v moss in sw water (1) logger numb logger numb gger location f temp logger	nce of cked veg, ift oer: 211	bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg calgae, lots in per (2) Color (2) Co	or ools oordin	bright (3) 30-50% of scoured (Mostly lo Spotty, in backwate seasonal a	of bed 18) bose (6) r or algae (3) s: N otes:	>65%(4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W- (5(61))	6 4 Z	on west sid

Algae collected: N=3

Date: M Aug 2022 Bolder @ 1.5 **Teton Stoneflies 2022** WYNDD-Tronstad 307-766-3115 (left edge) *looking down stream* Stream Profile: (right edge) 3.0 3.5 4.0 5.0 5.5 6.0 7.0 2.5 Distance (cm) 1.01.5 2.0 0.5 0 5 Z 15 Depth (cm) 16 Flow: - Fero Replicate Distance (yds) Time (sec) 3,5 1 2 3 3 Rock tracings (chlorophyll a): #2 Notes: No Notice glores were he per more bare hands but as careful as possible.

Also: 3rd wal only had I ml of RNA Later (others had 2 ml), so put much less of the slung he transmit one.

Time: Arrived:	ad 307-766-3		arted:		Collectors:	AT .	r SA		
								4 (10)	Luiz.
Coordinates: N			V						
Elevation:					on GPS:				
					on di b				
Water quality (Re Parameter	ecorded with	Value		robe) Uni	ito	Logt gol	ibrated: 8/8	DO: 8	/12
Parameter Water temperatui	re.	value	2.5	°C	its	Last car	ibrated:	DO:	1
				IIo	Photos taken: Site Temp Probe				
		905			Weather: Rath Clardy				
DO		33.3 % saturation		aturation	Weathe	r: 10(11) C	may	100	
DO		1.19	mg/L		Substrat	te type: Coloble	/	Tr.	
Specific conductivity (SPC)		211	μS/	uS/cm			/	-	
Conductivity		4 6 µS/c		cm	3 Surbers collected:				
pH		- a i	72		Biofilm	rank: Little Me	edium (Green	
			8.23	77		Mionale	es collected:	*	
ORP				mV		MICTOD	es collected:	1	7.
Air temp			ď	°C		100	addy 20.4	1 N	9
Pfankuck Index									
	Excelle	ent	Good		Fai		Poor	Score	Notes
Angularity	Lots of edg	ges (1)	Some edges, s round (2)	ome	Rounded e	edges (3)	All round (4)	2	
			round (2) Mostly dull, <35%						
Brightness	Most surfactull (1)	ces		35%	50/50 dull bright (3)	&	Mostly bright, >65% (4)	4	
Brightness Dull = biofilm)			Mostly dull, < bright (2) 5-30% of bed		bright (3) 30-50% of	bed	>65% (4) >50% of bed	1	-
Brightness Dull = biofilm) Scour	dull (1) <5% evider scour (6)	nce of	bright (2) 5-30% of bed scoured (12)		bright (3) 30-50% of scoured (1	bed 8)	>65% (4) >50% of bed scoured (24)		-
Brightness [Dull = biofilm] Scour Consolidation	dull (1) <5% evider scour (6) Tightly pac	nce of	bright (2) 5-30% of bed scoured (12) Moderately		bright (3) 30-50% of	bed 8)	>65% (4) >50% of bed scoured (24) Totally loose,	1	-
Brightness (Dull = biofilm) Scour Consolidation of substrate	dull (1) <5% evider scour (6) Tightly pac (2)	nce of ked	bright (2) 5-30% of bed scoured (12)		bright (3) 30-50% of scoured (1	bed 8) ose (6)	>65% (4) >50% of bed scoured (24)	6	
Brightness (Dull = biofilm) Scour Consolidation of substrate	dull (1) <5% evider scour (6) Tightly pac (2) Abundant v moss in sw	nce of cked	bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg algae, lots in p	or	bright (3) 30-50% of scoured (1 Mostly loc Spotty, in backwater	bed 8) ose (6)	>65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or	6	
Brightness Dull = biofilm) Scour Consolidation of substrate	dull (1) <5% evider scour (6) Tightly pac (2) Abundant v	nce of cked	bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg	or	bright (3) 30-50% of scoured (1 Mostly loc	bed 8) ose (6)	>65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types,	6	
Brightness (Dull = biofilm) Scour Consolidation of substrate Aquatic Veg	dull (1) <5% evider scour (6) Tightly pac (2) Abundant v moss in sw water (1)	nce of cked veg, ift	bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg algae, lots in p (2)	or	bright (3) 30-50% of scoured (1 Mostly loc Spotty, in backwater seasonal a	Sbed 8) ose (6) or lgae (3)	>65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or	6	
Brightness Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp	dull (1) <5% evider scour (6) Tightly pac (2) Abundant v moss in sw water (1)	nce of cked veg, ift	bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg algae, lots in p (2)	or	bright (3) 30-50% of scoured (1 Mostly loc Spotty, in backwater seasonal a	bed 8) ose (6) or or or lgae (3)	>65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4)	6	
Brightness Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp	dull (1) <5% evider scour (6) Tightly pac (2) Abundant v moss in sw water (1)	nce of cked veg, ift	bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg algae, lots in p (2)	or	bright (3) 30-50% of scoured (1 Mostly loc Spotty, in backwater seasonal a	bed 8) ose (6) or or or lgae (3)	>65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4)	6	
Brightness (Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp	dull (1) <5% evider scour (6) Tightly pac (2) Abundant v moss in sw water (1) logger numb	rice of cked veg, ift oer: 2	bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg algae, lots in p (2) 10 19 89	or	bright (3) 30-50% of scoured (1 Mostly loc Spotty, in backwater seasonal a	bed 8) ose (6) or or or lgae (3)	>65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4)	6	
Brightness (Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp Retrieved Temp Description of log	dull (1) <5% evider scour (6) Tightly pac (2) Abundant v moss in sw water (1) logger numb logger numb	rice of beked veg, ift oer: 20	bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg algae, lots in p (2) 10 19 89	or pools	bright (3) 30-50% of scoured (1 Mostly loc Spotty, in backwater seasonal a	bed 8) ose (6) or lgae (3) s: N_	>65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W-	6 5 1 1 5 id	
Brightness Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp Retrieved Temp Description of log	dull (1) <5% evider scour (6) Tightly pac (2) Abundant v moss in sw water (1) logger numb logger numb	rice of beked veg, ift oer: 20	bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg algae, lots in p (2) 10 19 89	or	bright (3) 30-50% of scoured (1 Mostly loc Spotty, in backwater seasonal a	bed 8) ose (6) or or or lgae (3)	>65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W-	6	uple str
Brightness Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp Retrieved Temp Description of log	dull (1) <5% evider scour (6) Tightly pac (2) Abundant v moss in sw water (1) logger numb logger numb	rice of beked veg, ift oer: 20	bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg algae, lots in p (2) 10 19 89	or pools	bright (3) 30-50% of scoured (1 Mostly loc Spotty, in backwater seasonal a	or lgae (3) :: N	>65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W-	5 5 1 5 San	uple soll
Brightness (Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp Description of log Photo numbers of	dull (1) <5% evider scour (6) Tightly pac (2) Abundant v moss in sw water (1) logger numb logger numb gger location f temp logger	rice of beked veg, ift oer: 20	bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg algae, lots in p (2) 10 19 89	or pools	bright (3) 30-50% of scoured (1 Mostly loc Spotty, in backwater seasonal a	or lgae (3) :: N	>65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W-	5 5 1 5 San	uple Str
Brightness (Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Deployed Temp Retrieved Temp Description of log Photo numbers of Suspended Solids Filter number	dull (1) <5% evider scour (6) Tightly pac (2) Abundant v moss in sw water (1) logger numb logger numb gger location f temp logger	rice of beked veg, ift oer: 20	bright (2) 5-30% of bed scoured (12) Moderately packed (4) Common veg algae, lots in p (2) 10 19 89	or pools	bright (3) 30-50% of scoured (1 Mostly loc Spotty, in backwater seasonal a	or lgae (3) :: N	>65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4) W-	5 5 1 5 San	mple soll

Teton	Stoneflies	2022
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WYNDD-Tronstad 307-766-3115

Date:		
Date.		

Stream Profile:

(left edge)

looking down stream

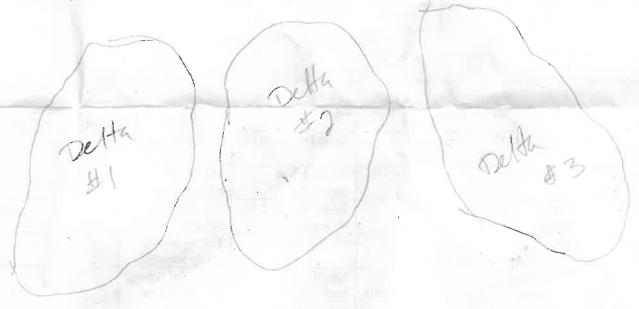
(right edge)

Distance (cm)	0	30	60	90	126	150	165		
Depth (cm)	14	18	24	24	23	21	12		

Flow:

Replicate	Distance (yds)	Time (sec)		
1	5.0	4,06		
2		3.95.		
3	V	5.11		

3 Rock tracings (chlorophyll a):



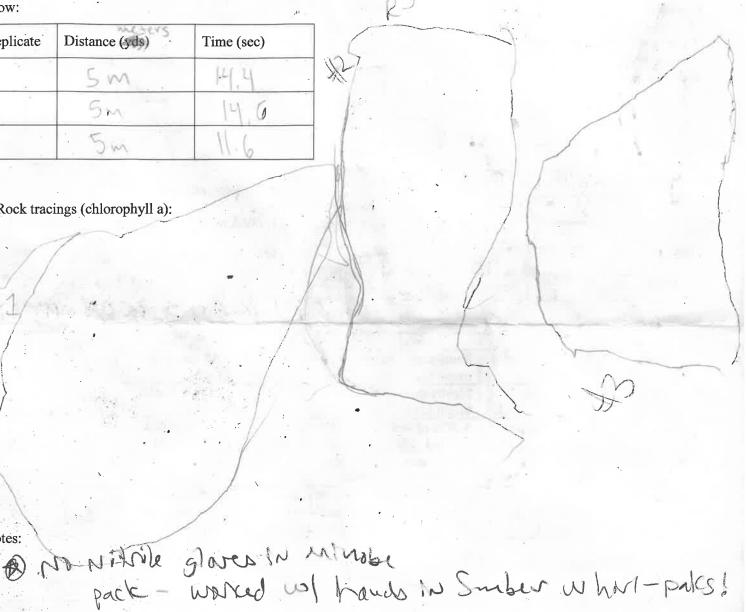
Notes:

High flaw. Lossen blaun aut and mared dawnstream. Placed at the spot we sample at

Time: Arrived:_	12:50	Dep	arted:	101	Collectors	DF, A	E, I E		- N
Stream:	. Tork	to	In Creek,	Loca	ation Desc	ription:	Fune o	1'!	
Coordinates: N			W				Datum:_		
Elevation:		ft	Siten	ame	on GPS:_				Ø 1
	ecorded with		Pro Plus Mulitpro		2		ibrated: AdayS		
Parameter		Value		Uni	its	Last cal	ibrated:	DO: N	10 L
Water temperatu	re	2	O °C			Photos taken: Site Temp Probe_			aha /
Barometric press	sure	56	70	mm	Hg				
DO			D	0/ ~		Weathe	r: and	19 W	and
DO			.7	mg/	/L	Substra	te type: Same	0	1
Specific conduct	Specific conductivity (SPC)		. 8	μS/	cm		· Comment	/	H.
			.8	μS/	cm	3 Surbe	ers collected:		
pH			.5			Biofilm	rank: Little	edium	Green
ORP			57	***		Microbes collected: N=3 (An A. Thibidata = 6. Del Mau			
Air temp			°C				N=	3	Anna)
						Turbi	dit = 6.	0121	MTU
Pfankuck Index	Excelle	ant.	Cood		TC.		Poor	Score	
Angularity	Lots of edg		Some edges, son	Good Fair te edges, some Rounded edge			All round (4)	Score	Notes
		V	round (2)	2)			<u> </u>	1	
Brightness (Dull = biofilm)	Most surfa	ces	Mostly dull, <3: bright (2)	Mostly dull, <35% 50/50 dull & bright (2) bright (3)			Mostly bright, >65% (4)	2	
Scour	<5% evide:	nce of	5-30% of bed		30-50% of bed		>50% of bed	6	× ×
	scour (6)		scoured (12)		scoured (18)		scoured (24)	CP	
	Tightly	ked	Moderately		Mostly loose (6)		Totally loose,	0	
Consolidation of substrate	Tightly pace (2)	packed (4)				easily moved (8)	6		
Consolidation of substrate Aquatic Veg	(2) Abundant		Common veg or		Spotty, ir	1.	easily moved (8) Perennial types,	2	Moss
of substrate	(2)					ı .		2	Moss
of substrate Aquatic Veg	(2) Abundant v moss in sw water (1)	ift	Common veg or algae, lots in po	ols	Spotty, ir backwate seasonal	or or algae (3)	Perennial types, very scarce or absent (4)	2	1120 Moss
of substrate Aquatic Veg Deployed Temp	Abundant water (1)	ift er: 205	Common veg or algae, lots in po (2)	ols	Spotty, ir backwate seasonal ates: UTM	r or algae (3)	Perennial types, very scarce or	2	1150 Mo22
of substrate Aquatic Veg	Abundant water (1)	ift er: 205	Common veg or algae, lots in po (2)	ols	Spotty, ir backwate seasonal attes: UTM	or or algae (3)	Perennial types, very scarce or absent (4)	2	1159 In 110m Wo 22
of substrate Aquatic Veg Deployed Temp	Abundant v moss in sw water (1) logger numb	ift er: <u>205</u> per: <u>20</u>	Common veg or algae, lots in po (2)	ols	Spotty, ir backwate seasonal ates: UTM	r or algae (3)	Perennial types, very scarce or absent (4)	2	1150 In 210m We 22
of substrate Aquatic Veg Deployed Temp Retrieved Temp	Abundant v moss in sw water (1) logger numb logger numb	ift er: 205 eer: 20	Common veg or algae, lots in por (2) 7172 Coo	ols	Spotty, ir backwate seasonal attes: UTM	r or algae (3)	Perennial types, very scarce or absent (4)	2	1150 In 210m Wo 22
Of substrate Aquatic Veg Deployed Temp Retrieved Temp Description of log Photo numbers of	Abundant version moss in sweeter (1) logger numb logger numb gger location f temp logger	ift er: 205 eer: 20	Common veg or algae, lots in por (2) 7172 Coo	ols	Spotty, ir backwate seasonal attes: UTM	r or algae (3) s: N otes:	Perennial types, very scarce or absent (4) W -	ollected:	Moss ipslow N=2 N
Of substrate Aquatic Veg Deployed Temp Retrieved Temp Description of log	Abundant version moss in sweeter (1) logger numb logger numb gger location f temp logger	ift er: 205 eer: 20	Common veg or algae, lots in por (2) 7172 Coo	ols	Spotty, ir backwate seasonal attes: UTM	r or algae (3) s: N	Perennial types, very scarce or absent (4) W -	ollected:	N=2 NH
Of substrate Aquatic Veg Deployed Temp Retrieved Temp Description of log Photo numbers of Suspended Solids	Abundant version moss in sweeter (1) logger numb logger numb gger location f temp logger	ift er: 205 eer: 20	Common veg or algae, lots in por (2) 7172 Coordinate C	ols	Spotty, ir backwate seasonal attes: UTM	ar or algae (3) s: N	Perennial types, very scarce or absent (4) W -	ollected:	N=2 N=2 N=2 N=1

Teton Stone WYNDD-Tr			766-3115			*	e I	Date
Stream Profi	ile:	(left	edge)			*loo	king down st	rear
Distance (en	n)	0	.3m		- (0 m	. 9	1.1	
Depth (cm)		9	18		10	15	0	
Flow:						, se	RD	111
Replicate	Dist	ance (y	ds)	Tim	e (sec)			-
1		5 m		14	1.4	- X		
2		5m			4,6		1 ·	
3		5 m		1	\.(o		200	

Notes:



Date: Aug \Z 102.7

(right edge)

Volume filtered (mL) 550 550 500 Chl a collected:	Teton Stoneflie WYNDD-Trons		3115				Date:_	15 thy	202	2
Coordinates: N 43, 74552 W- 110, 80718 Datum: NADES Elevation: 2770 Am Site name on GPS: 4 2 Water quality (Recorded with a YSI Pro Plus Mulitprobe) Parameter Value Units Water temperature Water temperature Water temperature Barometric pressure Barometric presperate Barometric pressure Barometric pressure Barometric pressure Barome	Time: Arrived:	2:15	Dep	arted:		Collectors	s: dT_	SH Ama	Eich	nert
Elevation: 2070 & Most Site name on GPS: 602 Water quality (Recorded with a YSI Pro Plus Mulitprobe) Parameter Value Units Water temperature 13,4 °C Barometric pressure 53,7,9 mmHg DO 10,7 % saturation Weather: 2074 Conductivity (SPC) 1,8,0 mg/L Specific conductivity (SPC) 1,8 mg/cm Microbes collected: PH 3,10 mV Microbes collected: ORP mV Microbes collected: Mostly foriging (2) Mostly dull 25% 50/50 dull & 56/8 (4) Scour 55% fortlence of scoure (12) Moderately packed (12) Mostly toose (6) Totally loose (6) substrate (12) Moderately water (1) Coordinates: UTMs: N W- Retrieved Temp logger number: 2016/196 Notes: Suspended Solids: Filter number Microbes collected: Notes: Doc collected: Notes: Doc collected: Notes: Doc collected: Notes: Doc collected: Doc collected: Doc collected: Chi a	Stream:	(1786)	b		Loc	ation Desc	ription:	Isabe	lla E	Migo
Water quality (Recorded with a YSI Pro Plus Mulitprobe) Parameter Value Valu	Coordinates: N	43.79	752		W	110.	8071	Datum:	NAC	083
Parameter Value Units Water temperature Y3,4 °C Barometric pressure \$3.7.9 mmHg DO	Elevation: 20	170		m Sit	e name	on GPS:_	Griz			
Water temperature Say 9	Water quality (R	ecorded with	a YSI	Pro Plus Mulit _l	probe)			21		81
Barometric pressure Bay Photos taken: Site Temp Probe			Value		17	its	Last ca	librated: 28	DO:	713
DO IO, 7 % saturation Weather: Path Couly Substrate type: Substrate typ	Water temperatu	re	,	13,4	°C		D1 .	. 1	10.1	7
DO Do	Barometric press	sure	5	38,9	mn	нHg				
Specific conductivity (SPC) 1	DO (P.	110	F.(Weathe	r: Yarthy Cla	udy,	some va
Conductivity pH 7,70 ORP Air temp Pfankuck Index Excellent Some edges, some round (2) Brightness (Dull = biofilm) dull(1) Scour Scour (12) Scour (18) Consolidation of substrate (2) Aquatic Veg Advandar veg, mosy in wift water (1) Deployed Temp logger number: 2041 (2497) Deployed Temp logger number: 2041 (2497) Description of logger location: Photo numbers of temp logger placement: Photo number Volume filtered (mL) Signature Tight packed (make) And public packed (make) And public packed (make) Tight packed (make) And public packed (make) And public packed (make) Tight packed (make) And public packed (make) And public packed (make) Totally loose, easily moved (8) And public packed (make) And public packed (make) Totally loose, easily moved (8) And public packed (make) Totally loose, easily moved (8) And public packed (make) Totally loose, easily moved (8) And public packed (make) Totally loose, easily moved (8) And public packed (make) Totally loose, easily moved (make) Totally loose, easily moved (8) Totally loose, easily moved (8				mg	/L	Substra	te type: Cobl	4 9 W	rel	
Conductivity pH 7, 70 mV Microbes collected: Mostly bright Mostly loose (2) Consolidation of substrate (2) Advantic Veg Abundant veg, mosy in swift water (1) Deployed Temp logger number: Microbes collected: Mostly bright Mostly loose (6) Totally loose, casily moved (8) Area very scarce or absent (4) Mostly bright Mostly bright Mostly bright Mostly bright Mostly loose (6) Totally loose, casily moved (8) Area very scarce or absent (4) Mostly bright Mostly br	Specific conductivity (SPC)			9.5	μS/	'cm	3 Surbe	ers collected	. 0	
ORP Air temp Pfankuck Index Excellent Good Fair Poor Score Notes	Conductivity			15.2	μS/	'cm			5	
Air temp Pfankuck Index Excellent Good Fair Poor Score Notes	pН	-					Biolilm	rank: Little M	edium	Green
Pfankuck Index Excellent Good Fair Poor Score Notes	ORP						Microb	Microbes collected:		
Pfankuck Index Excellent Good Fair Poor Score Notes	Air temp				°C		The	oidit O=	19 N	VIV
Excellent Good Fair Poor Score Notes	Dfankuak Inday					-	1001	3103		
Angularity	T Idlikuck Hidex	Excelle	ent	Good		E	air	Poor	Score	Notes
Brightness (Dull = biofilm) Most surfaces Mostly dull, <35% bright (2) bright (3) >65% (4) 1	Angularity			Some edges,	some				1	Titles
Scour		70000	ces	Mostly dull,	<35%				1	
Consolidation of substrate Aquatic Veg Abundant veg, moss in swift water (1) Common veg or algae, lots in pools (2) Coordinates: UTMs: N W - Retrieved Temp logger number: 2086/406 Notes: Description of logger location: Photos taken with samples collected: Volume filtered (mL) 550 550 500 500 Chl a collected: V		<5% evide	nce of	5-30% of bed	l	30-50% (of bed	>50% of bed	1	Total
Deployed Temp logger number: 20416497 Coordinates: UTMs: N W-	Consolidation		ked						,	
moss in swift water (1) algae, lots in pools backwater or seasonal algae (3) absent (4) moss Deployed Temp logger number: 204/6497 Coordinates: UTMs: N W - Retrieved Temp logger number: 2086/406 Notes: Description of logger location: Photos taken with SH phone Suspended Solids: Nutrient samples collected: DOC collected: Volume filtered (mL) 550 550 500 Chl a collected: V	of substrate	(2)		packed (4)				easily moved (8)	d	
Deployed Temp logger number: 204/6497 Coordinates: UTMs: N W- Retrieved Temp logger number: 2086/406 Notes: Description of logger location: Photo numbers of temp logger placement: Photos taken with the phone Suspended Solids: Filter number #1 #2 #3 DOC collected: Volume filtered (mL) 550 550 500 Chl a collected: V	Aquatic Veg	moss in sw		algae, lots in		backwate	r or	very scarce or	1	dets of
Retrieved Temp logger number: 2086/406 Notes: Description of logger location: Photo numbers of temp logger placement: Photos taken with \$\frac{1}{2}\text{phone}\$. Suspended Solids: Filter number Volume filtered (mL) 550 550 500 Chl a collected:	Denloyed Temp		ar. 20		'oordin					
Description of logger location: Photo numbers of temp logger placement: Suspended Solids: Filter number Volume filtered (mL) 550 550 500 Doc collected: Chl a collected:										
Photo numbers of temp logger placement: Photos taken with SH phone Suspended Solids: Nutrient samples collected: DOC collected: Volume filtered (mL) 550 550 500 Chl a collected:	h:	100				N	otes:			
Suspended Solids: Filter number Volume filtered (mL) 550 550 500 Nutrient samples collected: DOC collected: Chl a collected:	Description of lo	gger location	:							
Filter number	Photo numbers of	f temp logger	placen	nent: Pho	rlos.	taken	with SI	y phone		
Filter number # 1 # 2 # 3 DOC collected: Chl a collected: /	Suspended Solids	s:		Ī				Nutrient samples co	ollected:	/
Volume filtered (mL) 550 550 500 Chl a collected:	Filter number		1./	#2		#2	3	DOC collected:	/	
	Volume filtered	(mL)	50	550)	500		-	V	
			<u> </u>					Algae collected:	/	

Date: 13 Aug 2022

Teton Stoneflies 2022 WYNDD-Tronstad 307-766-3115

Stream Profile:

(left edge)

looking down stream

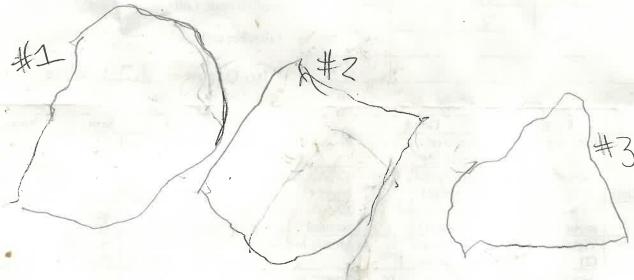
(right edge)

Distance (cm)	D	10	20	30	40	50	
Depth (cm)		4	3	6	6	7	The same

Flow:

Replicate	Distance (yds)	Time (sec)
1	5.0	10.23
2	5.0	9.72
*3	5.0	14.62

3 Rock tracings (chlorophyll a):



Notes:

Teton Stoneflic WYNDD-Trons		-3115	ε			Date	14 Aug.	2027		
Time: Arrived:	9:00	Dep	parted:		Collectors	S:				
Stream: Gus					cation Desc					
Coordinates: N	43.7	93	69 V	V	110	7786	16 Datum	NAC	183	
Elevation: 2	550	fi			e on GPS:_			P	J)	
Water quality (F	Recorded with	a YSI	Pro Plus Mulitpr	obe)		**	_		4.5	
Parameter		Value		_	nits	Lastica	alibrated: 8/8	DO:	8/14	
Water temperatu	ire	3	°C							
Barometric press	sure	5(mı	nHg	Photos	taken: Site_/	Temp Pr	robe	
DO	√		86 . \ %s		saturation	Weath	er: Oprcast	Kain	ast nich	
DO		. \	1,53	mg	g/L		ate type: Coble	Λ		
Specific conductivity (SPC)		2	2.6	μS	/cm			1		
Conductivity			19.2	μS/cm		3 Surbers collected:				
pН			1.22			Biofilm	rank: Little M	ledium	Green	
ORP			0.0	mV	7 ,		es collected:		y 2.	
Air temp				°C	+	Turb	·d.ty 1,98		4.0	
Pfankuck Index		,					1	_	18	
	Excelle		Good		Fa	ir	Poor	Score	Notes	
Angularity	Lots of edg	es (1)	Some edges, so round (2)	me	Rounded edges (3)		All round (4)	1	110103	
Brightness (Dull = biofilm)	Most surfac	es	Mostly dull, <3 bright (2)	5%	50/50 dull & bright (3)		Mostly bright, >65% (4)	1		
Scour	<5% evi do n scour (6)	ce of	5-30% of bed scoured (12)		30-50% of scoured (1		>50% of bed	6		
Consolidation	Tightly pacl	ked	Moderately		Mostly for		scoured (24) Totally loose,			
of substrate	(2)		packed (4)			po (0)	easily moved (8)	6		
Aquatic Veg	Abundant ve moss in swi water (1)		Common veg or algae, lots in po (2)		Spotty, in backwater seasonal al		Perennial types, very scarce or absent (4)	/	Moss	
Deployed Temp 1	ogger numbe	r:	Coc	ordin	ates: UTMs	: N	W -			
Retrieved Temp	logger numbe	er: <u>2</u> l	101988		Not	es:				
Description of log	ger location:									
Photo numbers of	temp logger	placem	ent:		4,					
Suspended Solids:			· ·			1	Nutrient samples co	ollected:		
Filter number	黄	1	#2	=4	#3		DOC collected:	V		
Volume filtered (mL) (eC	00	775		550	-	Chl a collected:	V		
			1					- /		

WYNDD-Tronstad 307-766-3115

Date:	
Dute	

Stream Profile:

(left edge)

looking down stream

(right edge)

Distance (cm)	0	60	120	180	240	300	360	420	480
Depth (cm)		0	6	12	7	7	10	12	5

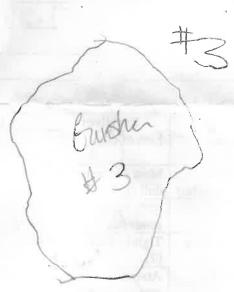
Flow:

Replicate	Distance (yds)	Time (sec)
1		
2		
3		

3 Rock tracings (chlorophyll a):







Notes:

Heavy rain last night. Flass a little highen this year. Observed Ledna + Expada.

Teton Stoneflies 2022 WYNDD-Tronstad 307-766-3115						Date:	13 Aug	202)	
Time: Arrived:	16:30	Dep	arted:		Collectors	s: AT	SA 75 A	6		
Stream: Rain	Abrush		Tele	Loc	ation Desc	ription:				
Coordinates: N	43.785	543	W	/	110,79	36	Datum:	MAY.	183	
Elevation: 28	0/	ft	Site	name	on GPS:_	Paint	orush		2	
Water quality (R	ecorded with	a YSI	Pro Plus Mulitpr	obe)			91	8	3/	
Parameter		Value		Un	its	Last ca	librated: 8/8	DO:	/13	
Water temperature		8.2		°C			os taken: Site Temp Probe			
Barometric press	sure	549.8		mmig						
DO		77.1		% 9	% saturation Weath		her: Clardy			
DO		9	9,09		mg/L Substr		trate type: Coole Sind			
Specific conduct	ivity (SPC)	42.7			μS/cm 3 Surb		rbers collected:			
Conductivity			29.0		μS/cm					
pН		(0.76			Biolilm	rank: Little M	edium	Green	
ORP				mV		Microb	es collected:			
Air temp				°C		Turk	idity 3.58	NAV		
Pfankuck Index		.,	Mark Lake				3			
Turneon moon	Excelle	ent	Good		Fa	ir	Poor	Score	Notes	
Angularity	Lots of edg	es (1)	Some edges, so round (2)	edges, some Rounded			All round (4)	[110103	
Brightness (Dull = biofilm)	Most surface dull (1)	ces	Mostly dall, <3 bright (2)	Jostly dull, <35% 50/50 dul			Mostly bright, >65% (4)	2		
Scour	<5% evider	nce of	5-30% of bed		30-50% of bed		>50% of bed	12		
Consolidation			scource (12) Moderately	scoured (18) Mostly loose (6)			scoured (24) Totally loose,	100		
of substrate	(2)		packed (4)		Wiostry loose (0)		easily moved (8)	6		
Aquatic Veg		Abundant veg, Common veg algae, lots in water (1) (2)			Spotty, in backwater or seasonal algae (3)		Perennial types, very scarce or absent (4)	1		
Deployed Temp	logger numbe	er: 211	01992 Co	ordin	ates: UTM	s: N	W -			
Retrieved Temp			at the second se							
Description of log										
Photo numbers of	temp logger		onte							
Suspended Solids							Nutrient samples co	ollected:	/	
Filter number		21	#2		#3			\ <u>/</u>	<u>. </u>	
Volume filtered (50	525		550		DOC collected:V			
			100				om a conceicu.	-		

WYNDD-Tronstad 307-766-3115

Date:	
Duto.	

Stream Profile:

(left edge)

looking down stream

(right edge)

Distance (cm)	0	10	Jo	30	40	50	40	OF	
Depth (cm)	5	2	7	ð	4	2	2	- \	

Flow:

Replicate	Distance (yds)	Time (sec)
1	5.0	14.43
2	5.0	15.79
3	5.0	20.42

3 Rock tracings (chlorophyll a):

#5

#3

Notes:

Flowing 4his year. And Rain the last week. Snawfields upstream. Very few aquatic inverts