SUBJECT ZI I CA	_ PROJECT
TETRA TECH Clinton	TC/P NO.
ORIGINATORCHECKED	DATE 9/19 PAGE 2 OF 5 PAGE
WETLAND bean TURBINGS 3 + 2 6	ACCES RUMS)
WERAND ARI -A Line 1 B Lin	16
Z	
PSS / PEM SHRUBS: - White Willow - BEAK Willow - Highligh Oranberry (Vibran HOUR - CAREY CURIDA	
- ARROW TEAR THEMS - Jewwerd - Sensitive few metto chain for - micros yolder rod (Lonce	- Schoithetern - Leavon)

LOCATION: F)	, <i>, , ,</i> , , , , , , , , , , , , , , ,	DOLL NO.
NG.		ROLL NO:
FIELD CREW:	J, X	FRAMES: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	D 4 77 4	=) 22
STREAM CROSSING	DATA	•
CHANNEL ID	AKIAR-STI	
NAME (or trib. to)		
TYPE OF STREAM		
PERENAINTERMIT		
WIDTH (obser/ohw)	01A /4'	
DEPTH (obser/ohw)	nie/ i'	
FLOW RATE 1	DIA	
FLOW DIRECTION	nE	
SUBSTRATE	Silt loam	
BANK VEGETATION	PEW	
1 = Dry/Stagnant/Low/Mediu	ım/High	ガーSTIー1
		V3,-4
		4-3 4-4
		4-3 -4
FISH AND WILDLIFE	OBSERVATIONS	
	OBSERVATIONS	
	OBSERVATIONS STEAM ANGE.	
FISH AND WILDLIFE	OBSERVATIONS STEAM ANOC.	
FISH AND WILDLIFE	OBSERVATIONS STEAM ANDC.	

ROUTE: AR 1-AB	· · · · · · · · · · · · · · · · · · ·	DATE:	307
LOCATION: North o	上下,109	ROLL NO	
FIELD CREW: JV	AP F	FRAMES	1=>NE
STREAM CROSSING	DATA		
CHANNEL ID	AR+-AB-ST	Vege (Bank)	yeak (Cha
NAME (or trib. to)		Spirea tomentory	
TYPE OF STREAM		Impatiens capensis	m Cattha pal Impoliens (
PEREN/INTERMIT	Pritermit 7	Salix	Gallian
WIDTH (obser/ohw)	4'/8'	Aster Sp.	grand
DEPTH (obser/ohw)	8"/16-20"	Populus	•
FLOW RATE 1	Low	Acer rubrum	
FLOW DIRECTION	N, NE to 18	Taraxicum	
SUBSTRATE	Silt + cobble	aathun	· · · · · · · · · · · · · · · · · · ·
BANK VEGETATION 1 = Dry/Stagnant/Low/Mediu	PEM 185		
OL A 102	103 104	7 + 1010	Ag Field
0	kg Field	X,Xu	gnanmad Brid

FISH AND WILDLIFF	E OBSERVATION	ns nnel	
NOTES			· · · · · · · · · · · · · · · · · · ·
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TURBINE: LOCATION: FIELD CREW: JSH, GD FRAMES: #43, Creq4's Ca. STREAM CROSSING DATA CHANNEL ID NAME (or trib. to) PERENINTERMIT WIDTH (obser/ohw) FLOW DIRECTION SUBSTRATE SAND/ Grave! BANK VEGETATION SKETCH: SKETCH: NAME (or trib. to) JOHNSON OF THE CONV FLOW DIRECTION SAST SUBSTRATE SAND/ Grave! BANK VEGETATION SKETCH: NOTES FISH AND WILDLIFE OBSERVATIONS NOTES PAGE NOTES PAGE AND STREAM AND	PROJECT: // /////			CLIENT: 1700 2	
CHANNEL ID ARS RAPEST / S NAME (or trib. to) PERENTITIENT WIDTH (obser/ohw) DETH (obser/ohw) FLOW RATE Low FLOW DIRECTION East SUBSTRATE BANK VEGETATION Plat by ARC, Silly withen 1 = Dry/Stagnant/Low/Medium/High SKETCH: ARS RA ARS	TURBINE:	·	DATE: 10/18/05 ROLL NO:		
CHANNEL ID NAME (or trib. to) PEREVINITERMIT WIDTH (obser/ohw) DEPTH (obser/ohw) FLOW RATE! LOW FLOW DIRECTION BASH SUBSTRATE BANK VEGETATION Ver by Arc. Silling without The Dry/Stagnan/Low/Medium/High SKETCH: ARSBA AR					· · · · · · · · · · · · · · · · · · ·
CHANNEL ID NAME (or trib. to) PERENANTERMIT WIDTH (obser/ohw) J S I FLOW RATE I FLOW RATE I BANK VEGETATION ILLE TO AND SAME SAME SAME SAME SAME SAME SAME SAME	FIELD CREW: ///	, GD			, Gregg's Ga.
NAME (or trib. to) PEREN/INTERMIT THE michant WIDTH (obser/ohw) DEPTH (obser/ohw) FLOW RATE FLOW DIRECTION BANK VEGETATION Plat to Aux Silling without BANK VEGETATION Plat to Aux Silling without The michant ANSSA ANSSA FISH AND WILDLIFE OBSERVATIONS NOTES NOTES	STREAM CROSSING I	DATA			·
NAME (or trib. to) PEREN/INTERMIT The milent WIDTH (obser/ohw) DEPTH (obser/ohw) FLOW RATE FLOW DIRECTION SUBSTRATE BANK VEGETATION BANK VEGETATION PLANT SAMP STIPLE WITHOUT TO THE TO ANY STIPLE WITHOUT TO THE TOTAL WITHOUT	p	*		·····	
PEREN/INTERMIT FIRMOUNT TO STORY TO START THE SAME SHOWN TO START THE SAME SHOWN TO START THE SAME SHOWN THE THE SAME SH		ARS 8/4/18\$\$1/s			
WIDTH (obser/ohw) DEPTH (obser/ohw) FLOW RATE 1 FLOW DIRECTION FAST SUBSTRATE BANK VEGETATION Plat top Apr. Stilling uniform 1 = Dry/Stagnan/Low/Medium/High SKETCH: NOTES Pass FISH AND WILDLIFE OBSERVATIONS NOTES Pass AND J Gravel Pass Stilling uniform AND SSA AND J Gravel AND SSA AND J					
DEPTH (observolve) FLOW RATE 1 Low FLOW DIRECTION East SUBSTRATE SAVO/ Grave/ BANK VEGETATION Flat to AMP, Stilling without 1 = Dry/StagnanvLow/Medium/High SKETCH: AASSA AASSA FISH AND WILDLIFE OBSERVATIONS NOTES FOUND TO BE THE SAVO/ Grave/ BANK VEGETATION Flat to AMP, Stilling without The province of the same of the savo of the sa	and the same and t	Intermitent			- days and the same of the sam
FLOW RATE! FLOW DIRECTION Bast SUBSTRATE SAMD/Grave BANK VEGETATION Plat to AM SUBSTRATE SKETCH: N FISH AND WILDLIFE OBSERVATIONS NOTES Heavy Guins within last 24 hars - Internition streams		3-5'			
FLOW DIRECTION Sast SUBSTRATE SAND/Gravel BANK VEGETATION Plat to Aur. Salling without The Dry/Stagnant/Low/Medium/High SKETCH: Notes Fish and wildlife observations Notes Heavy rains within last 24 hars - Indemittent streams		>6"			
SUBSTRATE SAND/Gravel BANK VEGETATION Plat to AM Silly within The Uncoussable fonce SKETCH: AMSSA FISH AND WILDLIFE OBSERVATIONS NOTES Heavy Cains within last 24 hars - Indom Hear Streams	4	Low			
BANK VEGETATION Plat to Are Solling without the Income sable fonce. SKETCH: ARSSA FISH AND WILDLIFE OBSERVATIONS NOTES Heavy Cairls within last 24 hars - Inde mittens streams		East			
BANK VEGETATION Plat to AKE, Silling without Streams The Dry/Stagnant/Low/Medium/High SKETCH: W AMSSA COUNTY FISH AND WILDLIFE OBSERVATIONS NOTES Heavy fains within last 24 hars - Indom Host Streams		SAND/Gravel			
FISH AND WILDLIFE OBSERVATIONS NOTES Heavy gains within last 24 has - Internitions streams	1	Plat top Aspr. Silly willow	1		
ARSBA CUVERT Y FISH AND WILDLIFE OBSERVATIONS NOTES Heavy rains within last 24 hars - Indemittent streams	1 = Dry/Stagnant/Low/Mediu	m/High	High incre	usable fence	
NOTES Heavy gains within last 24 hars - Intermittent streams	Y **	30 A		*	ラ
Heavy sains within last 24 hours - Intermittent streams	FISH AND WILDLIFE	OBSERVATIONS		¥	
Heavy rains within last 24 hours - Intermittent streams					
Heavy rains within last 24 hours - Intermittent streams			<u>→</u>	-	
Heavy rains within last 24 hours - Intermittent streams					***************************************
Heavy rains within last 24 hours - Intermittent streams			. 1		
	NOTES 11	1			
	NOTES Heavy ca	ins within last	24 hor	5 - Intermitte	ent Streams

ROUTE:		DA	TE: 5) 7	5/07
LOCATION:		ROLL NO:		
FIELD CREW: 1270), D. P.		FRAMES:		
TREAM CROSSING	DATA			
CHANNEL ID	DRSBA-S			·
NAME (or trib. to)		<u>, , , , , , , , , , , , , , , , , , , </u>		
TYPE OF STREAM				
PEREN/INTERMIT	int			
WIDTH (obser/ohw)	1511-71			
DEPTH (obser/ohw)	6" / 1.5"		*	
FLOW RATE 1	100			
FLOW DIRECTION	ENE			
SUBSTRATE	GARCE & Silt			
BANK VEGETATION	PENIPSS.			
= Dry/Stagnant/Low/Media	ım/High			
Ollector. Re	ETERONER pl	AT TURE	C	
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SH AND WILDLIFE	OBSERVATIONS			
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) True				
DTES		•		

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PROJECT: Clindra	<u>Co.</u>	CLIENT: Hogizon
TURBINE:		DATE: 10/18/05
LOCATION:		ROLL NO:
FIELD CREW: (FD)	KH	FRAMES: Gold & Camera # 46
STREAM CROSSING I	DATA	
CHANNEL ID	AR58 15/B St 2	
NAME (or trib. to)	UNKnow 1	
PEREN/INTERMIT	Infermit-	
WIDTH (obser/ohw)	3-5'	
DEPTH (obser/ohw)	≥6 in	
FLOW RATE 1	Low	
FLOW DIRECTION	EAST	
SUBSTRATE	(formal)	
BANK VEGETATION	carex, 504 msh m/High	
= Dry/Stagnant/Low/Mediu	m/High	
A8.5	Sacily RD #	ARSBB 45
FISH AND WILDLIFE One Log- Yavens	OBSERVATIONS in road puddle	
NOTES { eCg ₃ ,	- Leavy rainfall Causing	g hon shon in intermit stream

ROUTE:		DAT	E: 5/25/07	
LOCATION: SOUCICE D		ROLL NO:		
FIELD CREW:	teritoria de la companya de la comp	FRAMES:		
		I KAI	VILU.	
STREAM CROSSING D	ATA	·		
CHANNEL ID	12581-ST			
NAME (or trib. to)				
TYPE OF STREAM				
PEREN/INTERMIT	ME			
WIDTH (obser/ohw)	11/2/	:		
DEPTH (obser/ohw)	41/11		*	
FLOW RATE 1	1000			
FLOW DIRECTION	NE	**************************************		
SUBSTRATE	Silt & Grave		· · · · · · · · · · · · · · · · · · ·	
BANK VEGETATION	DSS / DEM			
1 = Dry/Stagnant/Low/Medium	/High			
Cutacosos;	to u2500	Seen RUS		
		•		
TISH AND WILDLIFE O	BSERVATIONS			
TISH AND WILDLIFE O	BSERVATIONS			
	BSERVATIONS			
TISH AND WILDLIFE O	BSERVATIONS			

STREAM CROSSING DATA FORM

STREAM

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			. 2
ROUTE:		DATE:	125107
LOCATION: SOU	<u>cha Paric</u> s	at lich ROLL NO:	
FIELD CREW:	DA /17	FRAMES:_	
TREAM CROSSING	DATA		
CHANNEL ID	10R60A-S		-
NAME (or trib. to)			
TYPE OF STREAM			
PEREN/INTERMIT	int		·
WIDTH (obser/ohw)	11/2		-
DEPTH (obser/ohw)	24/11		
FLOW RATE 1	(00		
FLOW DIRECTION	15est	,	
SUBSTRATE	2 H12		
BANK VEGETATION	PEO		Was a second
1 = Dry/Stagnant/Low/Med	num/High		
		Coy Dog PEN	
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			man spring a service of the service
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			4.
ISH AND WILDLIF	E OBSERVATIONS		
NOOD TRE	(1.5.2)		
Supply 118/	Jan Gall		
OTES			
JAJA (D)	CUNTINOS	ESC HON	<u> </u>
SOMMA	D.		

PROJECT:			r: Horizon
TURBINE:		DATE: 10/14/05	
TURBINE:LOCATION:	n. 60.	ROLLI	NO:
FIELD CREW: KH		FRAMI	Es: 51,52 breggs
TREAM CROSSING I	DATA		
CHANNEL ID	ARBAB-St		
NAME (or trib. to)	MKnown		
PEREN/INTERMIT	Intermit	,,,	
WIDTH (obser/ohw)	3-51		
DEPTH (obser/ohw)	6-8 inches		
FLOW RATE ¹	Med.		
FLOW DIRECTION	East		
SUBSTRATE	Gravel		
BANK VEGETATION 1 = Dry/Stagnant/Low/Medius	read cenory, Boneset		
AT.	4 52 FO O	ARBAB X	B-st >
TISH AND WILDLIFE	OBSERVATIONS		
	······································		

LOCATION: SUCK RS. FIELD CREW: BTS. AD STREAM CROSSING DATA CHANNEL ID PROGREST NAME (or trib. to) TYPE OF STREAM PEREN/INTERMIT WIDTH (obser/ohw) PEDEPTH (obser/ohw) FLOW RATE MED FLOW DIRECTION SUBSTRATE BANK VEGETATION T= Dry/Stagnant/Low/Medium/High SKETCH: WETCH COLLECT THE COLLEC	FRAME	O:	
TREAM CROSSING DATA CHANNEL ID NAME (or trib. to) TYPE OF STREAM PEREN/INTERMIT WIDTH (obser/ohw) DEPTH (obser/ohw) FLOW RATE 1 FLOW DIRECTION SUBSTRATE BANK VEGETATION T= Dry/Stagnant/Low/Medium/High KETCH: OUTE: Extonin Due not exp MEAN Originates in wetland	FRAME		
CHANNEL ID NAME (or trib. to) TYPE OF STREAM PEREN/INTERMIT WIDTH (obser/ohw) DEPTH (obser/ohw) FLOW RATE MED FLOW DIRECTION ESE SUBSTRATE BANK VEGETATION T= Dry/Stagnant/Low/Medium/High KETCH: DUTE: EX TONIN Due Med Constant MEDIAN Originates in Liet (A) Ilected pt Al 62B-ST	7		
NAME (or trib. to) TYPE OF STREAM PEREN/INTERMIT WIDTH (obser/ohw) DEPTH (obser/ohw) FLOW RATE 1 FLOW DIRECTION ESE SUBSTRATE BANK VEGETATION The Dry/Stagnant/Low/Medium/High KETCH: OUTE: Extonin Due not exp (ETCH COULCET MEAN Ileal 1 PEREN/INTERMIT In E. WIDTH (obser/ohw) 25' 6' PEREN/INTERMIT MEAN TO SUBSTRATE Cobble (G7ALE) PEREN/INTERMIT Let 1 AR 62B-ST AR 62B-ST	7		
NAME (or trib. to) TYPE OF STREAM PEREN/INTERMIT WIDTH (obser/ohw) DEPTH (obser/ohw) FLOW RATE 1 FLOW DIRECTION SUBSTRATE BANK VEGETATION 1 = Dry/Stagnant/Low/Medium/High KETCH: OTE: Extonia Dan nd-exg CETCH Collect MEAN NEM NEM NEM NEM NEM NEM NE	7		
PEREN/INTERMIT WIDTH (obser/ohw) DEPTH (obser/ohw) FLOW RATE 1 FLOW DIRECTION ESE SUBSTRATE BANK VEGETATION DEM SUBSTRATE BANK VEGETATION DEM COSTE: EX TONIN DAY MAC- EXS CETCH COCICCLE MEAN OF E, MES THECLED THE AR 62B-ST	7		
WIDTH (obser/ohw) DEPTH (obser/ohw) FLOW RATE MED FLOW DIRECTION ESE SUBSTRATE Cobble (Granez BANK VEGETATION DEM T= Dry/Stagnant/Low/Medium/High KETCH: DUTE: Extonia Due not exs CETCH COllect MEAN Originates in Lettery Ilected pt Al62B-ST	7		
DEPTH (obser/ohw) FLOW RATE MED FLOW DIRECTION ESE SUBSTRATE Cobble (Granez BANK VEGETATION PEM 1 = Dry/Stagnant/Low/Medium/High KETCH: OUTE: Extonin Due not exp (ETCH COllect MEAN Originates in het I and lector) Ilected pt Al 62B-ST	7		
FLOW RATE MED FLOW DIRECTION ESE SUBSTRATE Cobble (Granes BANK VEGETATION PEM 1 = Dry/Stagnant/Low/Medium/High KETCH: OUTE: Extonia Due not exp (ETCH Correct MEAN Originates in Liet (A) Ilected pt Al 62B-ST	7		
FLOW DIRECTION ESE SUBSTRATE BANK VEGETATION PEN 1 = Dry/Stagnant/Low/Medium/High KETCH: OUTE: Extonin Due not exp (ETCH Courant Couran	T		
SUBSTRATE BANK VEGETATION PEM Dry/Stagnant/Low/Medium/High KETCH: OUTE: Extonin Due not exs CETCH COllect MEAN Originates in wetland Hecled I pt AR62B-ST	T		
BANK VEGETATION PEN 1 = Dry/Stagnant/Low/Medium/High KETCH: OUTE: Extonin Due not exp (ETCH COULCET MEAN OIL, MES In Let 1-4) Ilected 1 pt Al 62B-ST	T		
BANK VEGETATION PEM BANK VEGETATION PEM COTE: Extonin Due not exp CETCH COTTCAT THEAL OFF, MET AR 62B-ST	T		
Tend Originates in Letters Tecled 1 pt AR62B-ST	T		
		BUT	
CHE AND THE DETECTION OF THE CANCERDAL AND CARE			
SH AND WILDLIFE OBSERVATIONS		*************************************	•
OTES			

PROJECT: Clinton	6.		CLIENT	*	
TURBINE:			DATE:_	10/18/05	
LOCATION:			ROLL N	10/18/05	
FIELD CREW: 1414, U	S.D.Th		FRAMES	s. #54 west	•
THE CILLWITTE			I ICI KIVILA	5: #54 west #55 East	
STREAM CROSSING DA	TA				
CHANNEL ID	AR 64A/B-ST				
NAME (or trib, to)	Unknown				7
PEREN/INTERMIT	Interm.				1
WIDTH (obser/ohw)	5-81		The secretary streets will represent	Miles diseased in the control of the	***************************************
DEPTH (obser/ohw)	avg b inches				or the
FLOW RATE 1	Low				
FLOW DIRECTION	Bast				1
SUBSTRATE					1
BANK VEGETATION	Curry read gruss				1
1 = Dry/Stagnant/Low/Medium/I	High POU Palestrus]			_
SKETCH:	Y Soy	cut		(A) V	Obstational designation of the special designati
ARBYA/B S		TVAT	<i>Y</i> ->-	<u>Y</u>	
			and the second seco		
FISH AND WILDLIFE OF	To-a				
One v					-
- have	<u>15</u>				
Bhe	Joy		······································	*****	
NOTES	- own ful in b	ust D	havs		
	***************************************		****		·

PROJECT: Clinto	m lo.	CLIENT: Horizon
TURBINE:		DATE: (0/20/05
LOCATION:		ROLL NO:
	20 11	
FIELD CREW: KH, 1	11/1 7 (-	FRAMES: 24
TREAM CROSSING I	DATA	
CHANNEL ID	AB 69 A- S+1	
NAME (or trib. to)	MKnown	
PEREN/INTERMIT	Peren	
WIDTH (obser/ohw)	3-31	
DEPTH (obser/ohw)	5-6"	
FLOW RATE 1	stagnant	
FLOW DIRECTION	9750/	
SUBSTRATE	Muck	
BANK VEGETATION	Poa So, Salida po, Canadensians	
1 = Dry/Stagnant/Low/Mediu	m/High	
AR-209A AR-209A WE SEE	OBSERVATIONS	AR 69A-ST
0/2 310	8	
otes - Dai	ining under road for	on netland N. of road

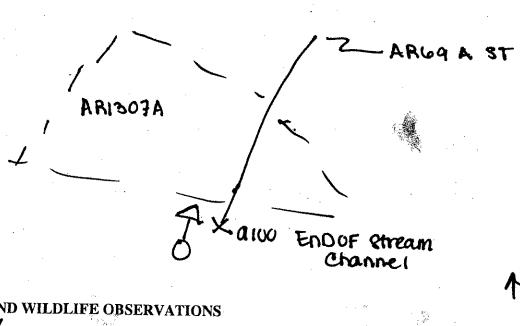
ROUTE: ARGQ A ST	DATE: 5 10 07
LOCATION E T. 155	ROLL NO:
FIELD CREW: UV AP	FRAMES: 3 = NE

STREAM CROSSING DATA

CHANNEL ID	ARU9 A-ST	populus grandidentate
NAME (or trib. to)		Acer nubrun
TYPE OF STREAM	drainage	moche Sensibilio
PEREN/INTERMIT		Aotes
WIDTH (obser/ohw)	NU /3'	Maianthemun
DEPTH (obser/ohw)	NA	- manning man
FLOW RATE 1	low	
FLOW DIRECTION	Sw	
SUBSTRATE	Rock Soil	
BANK VEGETATION	DEO I	
- Dest/Stoomant // new A for the		

= Dry/Stagnant/Low/Medium/High

SKETCH:



O	Channel	A .
FISH AND WILDLIFE OBSERVATIONS		T
NOTES Atream is actually Channel of Aunoff from Loucia Road. at last point.	chuncal from proo	d
		<u> </u>

PROJECT: C/mor	Co-	CLIENT: Hon Zon
TURBINE: 9, 10		DATE: 10/23/05
LOCATION: Robert	0-101	
LOCATION: NOSACT	I UN KA	ROLL NO: b
FIELD CREW: KH,	<u> 45</u>	FRAMES: ∂^{7} , λ_{6}
STREAM CROSSING D	DATA	
CHANNEL ID	AB 79A/B-42	
NAME (or trib. to)	inknown	
PEREN/INTERMIT	Peren	
WIDTH (obser/ohw)	15-20'	
DEPTH (obser/ohw)	12-16"	
FLOW RATE 1	Medum	
FLOW DIRECTION	5-7N,	
SUBSTRATE	Sund bound	
BANK VEGETATION	Speckled Alder	
1 = Dry/Stagnant/Low/Medium	n/High	
SKETCH: AR 79B-WL L	X	ARA9A/B-42 X
dest pl		chart Ball chaff
Toroc	Y	AR79A-WL
FISH AND WILDLIFE	OBSERVATIONS	AR79A-WL AR79A/BS+2
notes anny	during dolivertism	
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SKETCH FORM

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		Lege	nd		4
		tion/Direction		Wetland	
	Sample Sta	ation	V	Upland	
	Centerline			* Stream	
		•		Intermittent Stream	

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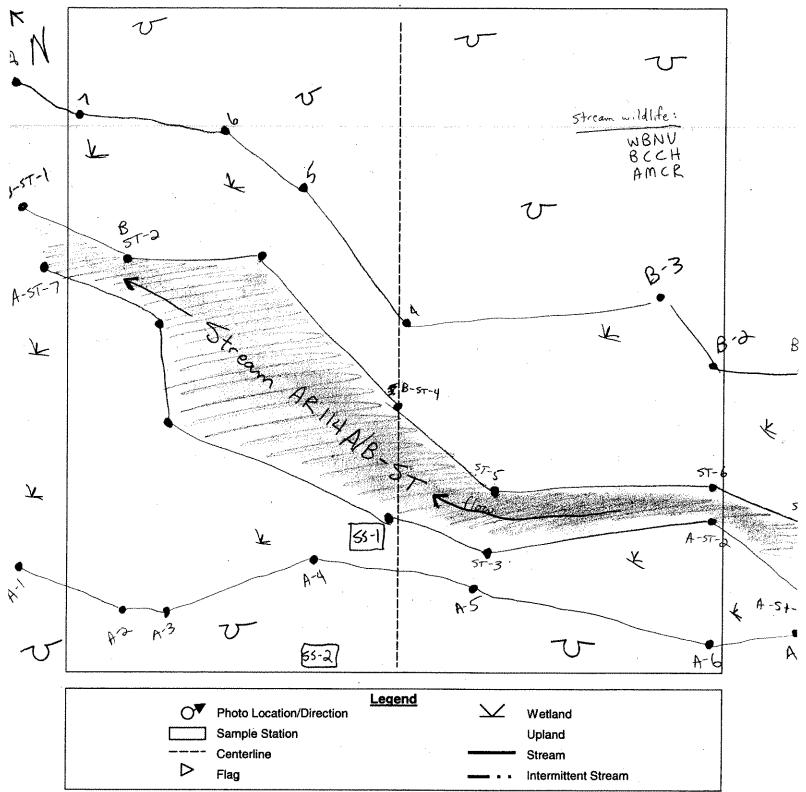
PROJECT: Chalon Co.		CLIENT:	·····
TURBINE: SW OF T	ubie 25	DATE:	7 oct. 2005
LOCATION: Chalon Co):
FIELD CREW: J.A.			
	and the second s	I IVI HAILO	•
STREAM CROSSING DATA			
g			
	2104 AB-ST		
NAME (or trib. to)			
	2sen		t ta ann an gangan an annag satatung i in anggaganagan di dinan sengga mga igipi ingganan an
WIDTH (obser/ohw)	4		
DEPTH (obser/ohw)	6"		
	# low		
FLOW DIRECTION	North		
	avd pan		
BANK VEGETATION Sc	alix, Typha		
1 = Dry/Stagnant/Low/Medium/High	tster umbellate		
SKETCH:	, ,		
· .	Section 2		,
		•	•
		•	
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	,	9	
FISH AND WILDLIFE OBSI	ERVATIONS	9	
FISH AND WILDLIFE OBSI	ERVATIONS	¥	
FISH AND WILDLIFE OBSI	ERVATIONS	· · · · · · · ·	
FISH AND WILDLIFE OBSI	ERVATIONS	₹ •	
	ERVATIONS	¥	
	ERVATIONS	3	
	ERVATIONS	**	
	ERVATIONS	9	
FISH AND WILDLIFE OBSI	ERVATIONS		

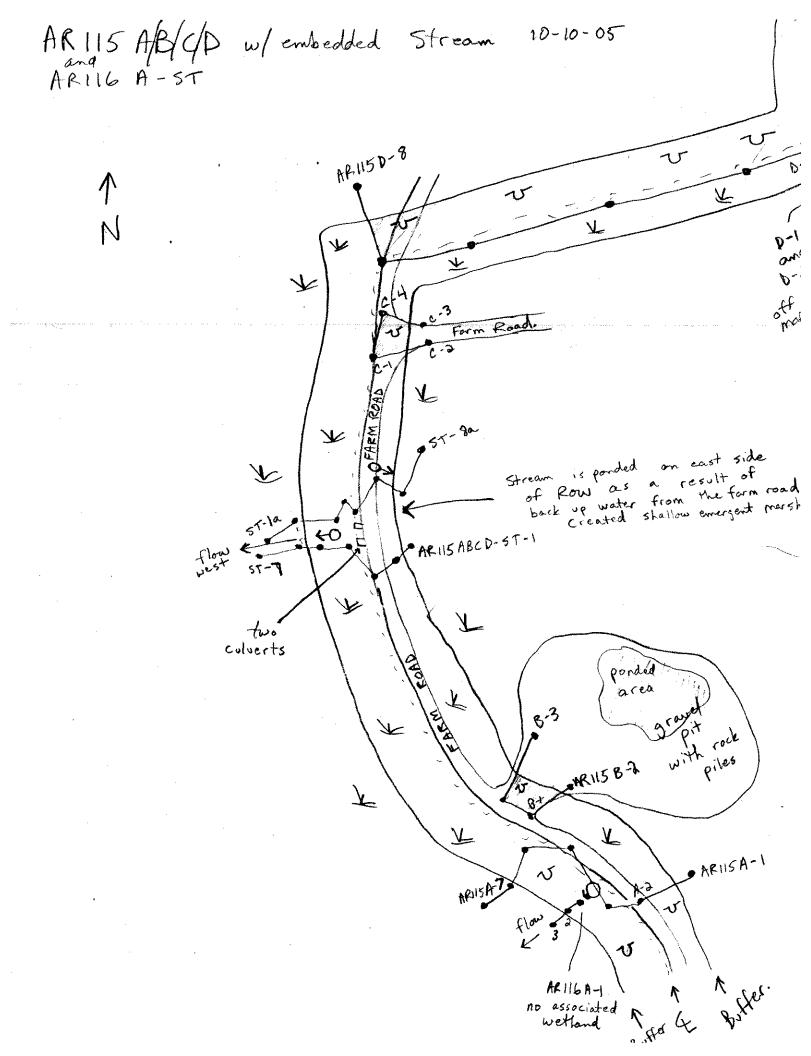
Horage & 4 15KM (KA S 5

PROJECT: Chinton	6. Wind Farm	CLIENT: HOWIZON	
TURBINE: 1/2000	6 WTG 80	DATE: 0, 2005	
LOCATION: AR 11	_	ROLL NO:	
	noth, S. Ryon, J. Farrell		
THEED CREW. GIVE		Pl) () M()	
STREAM CROSSING DA	ATA	Photo loding N (downton	reg.
CHANNEL ID	AR113AST		
NAME (or trib. to)			
PEREN/INTERMIT	Internet		
WIDTH (obser/ohw)	2'		
DEPTH (obser/ohw)			
FLOW RATE ¹	melion		
FLOW DIRECTION	Nort		
SUBSTRATE		our coller	
BANK VEGETATION			
= Dry/Stagnant/Low/Medium	/High		
Dital .		No associated	rod
FISH AND WILDLIFE C	DBSERVATIONS		
NOTES Dita parallel to	o ground road,	and at other flowing heavy rain	

SKETCH FORM

Wetland ID/Route #: ARII4 A/B with ARII4 A/B-ST	Date: 10-10-05	Time: 12:30 pm
Intials of Delineators: S. R. J. A.	Location: Clinton Count	, wind Form
Roll #: Frames:		



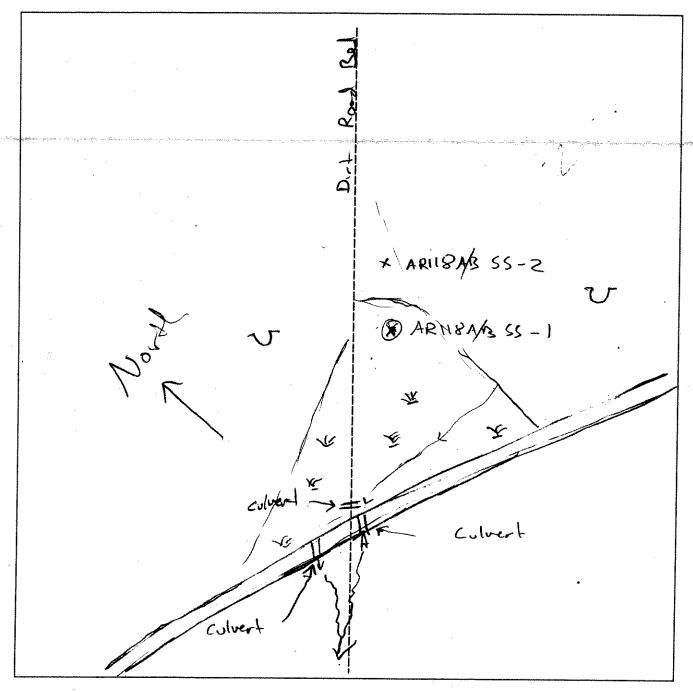


	Q / F L = 2 (10)			•
PROJECT: Clinton	· Courty Wand F.	to M	CLIENT:	Horizon
· ·	road to WTG 3		DATE: lo	
LOCATION: adia	ent to state roa	d		
TITLE COURTS	yan J. Arnett		_	
FIELD CREW:	-yac sinker		FRAMES:_	
TREAM CROSSING	G DATA			
CHANNEL ID	AR118.A/B-ST	AR118 A/	B-STa	
NAME (or trib. to)	unnamed	Unnam		
PEREN/INTERMIT	perennial	peren		Angelia
WIDTH (obser/ohw)	3 FH.	1 2.	F	
DEPTH (obser/ohw)	6 in	3:	_	***
FLOW RATE 1	low	low		
FLOW DIRECTION	West	west		
SUBSTRATE	cobble/gravel	gravel	/muck	
BANK VEGETATION		es typha/re	ed canary grass	
e. I				n.
see land wetland				
SH AND WILDLIF	E OBSERVATIONS	·		
nohe.	oserved			
OTES 4ts		······································		
As of the	streams un.	e on	opposite	side
t.	-c1-		, ,	

LOCATION: AR THE STEELD CREW:	,	ROLL NO:	
	,	FRAMES:	
TREAM CROSSING	DATA		
CHANNEL ID	AR 118 A/B ST		
NAME (or trib. to)	Link		
TYPE OF STREAM			
PEREN/INTERMIT	Intermit		
WIDTH (obser/ohw)	10-50"/20-491		
DEPTH (obser/ohw)	NA / 3/0"		
FLOW RATE	TDCV		
FLOW DIRECTION	East		
SUBSTRATE	Grave 1/Coode		<u> </u>
BANK VEGETATION	Woody/Hechol		
= Dry/Stagnant/Low/Mediu	m/High		
	ARIIBA X X X X X X X X X X X X X X X X X X X		L
SH AND WILDLIFE O	DBSERVATIONS	•	
			<u>le from</u>

SKETCH FORM

Wetland ID/Route #: ARI(8 AB	Date: Time: 10042005 1:00
Intials of Delineators:	Location: Chinton County Wind Farm
Roll #: Frames:	



. ⊙▼	Photo Location/Direction Sample Station	nd 🔽	Wetland Upland
<u> </u>	Centerline Flag		Stream Intermittent Stream

ROUTE: Accen	10 to	DATE:	5/24/07	
LOCATION:			VO:	
FIELD CREW:	R AD	FRAMES:		
FIELD CREW:		rkawii	39:	
STREAM CROSSING I	DATA			
CHANNEL ID	ARDOS AIB-ST			
NAME (or trib. to)		:		
TYPE OF STREAM				
PEREN/INTERMIT	PEREN		-	
WIDTH (obser/ohw)	121/161			
DEPTH (obser/ohw)	11/12/	-	•	
FLOW RATE 1	mex		·	
FLOW DIRECTION	I ESE			
SUBSTRATE	Rock (SAM)		***************************************	
BANK VEGETATION	1000			
1 = Dry/Stagnant/Low/Medius	m/High			
To A		x x x x x x x x x x x x x x x x x x x	* * S	
ISH AND WILDLIFE (TROOS. OTES		<i>ن</i>).		
OLLD	•			
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	SUBJECT PRA	US A/B	PROJECT	
TETRA TECH			TC/P NO	
	ORIGINATOR	CHECKED	DATE OF PAGE	OF PAGE
SMEAN I) AS ARZOSAIB.		ALL DER	inial)	
SMEAN (46' WIDE 11' DEED	30" StEEL (1000 60 60 6	Australia Amparangai	1 24. 7127	
- Rapid SMEAN' AZZUS AI	7-573			
n 8' wind	flu to the	ht - Kep	1 36" platico	(leganor)
nute: sma	In B	contact /	60. NURTH 06	
SME	An Conce		OAST of ACCO	n) 10.
SMEAN: ARRUS A	18-57C	· · · · · · · · · · · · · · · · · · ·		·
Box	22 Pond		of Accom to	

	TE TETRA TECH	SUBJECT ARDC	TA/13_	PROJECT
		ORIGINATOR	CHECKED	DATE PAGE OF PAGES
	ARDOSA, PROSOSA	13 t	PHOTOS POLL 3	- 1911/12/13,14,15,16
· = (*q*** · · · · · · · · · · · · · · · · ·	NORTH	;		
		2205A-SS) 2 71# 2105A-SS) 2 727-SA-SS2	4 13 13 13 15 15 15 15 15 15 15 15 15 15 15 15 15	BEAUGZ PON)

ROUTE: AR ac	STC	DATE: 5 1007		
LOCATION: T.155 Wof		ROLL NO: =S		
FIELD CREW: 3V		·		
TIDED CKEW.		FRAMES:		
TREAM CROSSING	DATA			
CHANNEL ID	AR 206 ST	San Na F		
NAME (or trib. to)		Sensitive term		
TYPE OF STREAM		Solidago		
PEREN/INTERMIT		University		
WIDTH (obser/ohw)	21-41/3-61	<u>Eoui setum</u>		
DEPTH (obser/ohw)	Stagrant 414 3	14.4		
FLOW RATE 1	Stoanant	\ P		
FLOW DIRECTION	S. Madi with			
SUBSTRATE	Condu cil			
BANK VEGETATION	Sandy sut Dein			
= Dry/Stagnant/Low/Mediu	m/High			
	X X	Res		
SH AND WILDLIFE O	OBSERVATIONS	× 100 >81 New		
Osociated 1	WL ARAOS			

TETRA TECH MROOGA/B-STA - internibunt Through upland Princes, pen wet Schshare - Reck, Cabble - siltingin Flow Slow 60 suter F18806A/B-STB · Internicont Thrugh up Mil FURAT & PEM LET 1.5' ains u 4ª DEEP - sitt kin ' Rock Fluito

TE TETRA TECH		SUBJECT_	ARZOG	A/1		PRO	PROJECT			
			-			TC/P			**************************************	
		ORIGINATO)R	CHECK	ED	DATI	10/18/0	PAGE_	OF	PAG
					PHOTO	S - Pl	1017A10 101805	LE PRAME	5: 84,35,	37
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			- Committee St. garantee							
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DR 206A/1	-178-2		\		2 / 4					
			1,0				18		**************************************	
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		TOPLE	y 1720 C Across UM)		\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	15		<u> </u>	uc	7
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Δ.	_		, \	4.
PROJECT: Clinton TURBINE: OCCES	Canty		CLIENT: TW	noun
TURBINE: ACCES	s Ro		DATE: 1011	9/05
LOCATION: MULTO	tois of Soria	PO.	ROLL NO:	
LOCATION: ALUETT	AV STE		FRAMES:	
	,			, , , , , , , , , , , , , , , , , , ,
TREAM CROSSING D	ATA			1
CHANNEL ID AR	208A-STA			
NAME (or trib. to)	Sm. Pund.			
PEREM/INTERMIT		Name of the second of the seco		
WIDTH (obser/ohw)	u7m			
DEPTH (obser/ohw)	WIOW			
FLOW RATE 1	NA			
FLOW DIRECTION	010	***************************************		
SUBSTRATE	Silt WALL			
BANK VEGETATION	SHRUB.			
1 = Dry/Stagnant/Low/Medium	ı/High	¥		
	D1=			
TISH AND WILDLIFE (OBSERVATIONS (20114, \$2	S	
		1		
IOTES				
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0			/	
PROJECT: (Minh	Carotau	CLIENT	: Hunnun	
TURBINE:	7		10/19/05	
LOCATION: BAST Q	1 TR1 m = 11	_	/ /	
	10cmins of	ye.		
FIELD CREW))	FRAME	S:	
STREAM CROSSING I	DATA			
CHANNEL ID	ARZIDAJAJC/N-STA	ARDIO A/B/C/D-STB	ARZIO AlDKIX-STC	
NAME (or trib. to)		115836 115 15 15 15 15 15 15 15 15 15 15 15 15		<u>.</u>
PERENINTERMIT	110-1	int	int	
WIDTH (obser/ohw)	1.5//21	157 31	11 /21	
DEPTH (obser/ohw)	6"/1	6" / 1.51	61 / 1 /	
FLOW RATE 1	SIOW -) MUNTRATE		5/00	
FLOW DIRECTION	10 5500	to ESE	60 550	
SUBSTRATE	Silt loan Imuck			
BANK VEGETATION	FUNCTION	FURCITED	FURAN	
1 = Dry/Stagnant/Low/Medius				
KETCH:	C	SKOTCH /B	PR 210 A/B/	6/1
ISH AND WILDLIFE	OBSERVATIONS			
	·····			•
			1000	
NOTES				
				•

			/	
PROJECT: Chinto	n Cant	CLIENT	: Hora	
TURBINE:			10/21/05	
LOCATION: 17/2 6	117-STA	ROLL N		
FIELD CREW: JF	·) /		***************************************	
FIELD CREW: J1	()=113	FRAME	S: 11	
STREAM CROSSING I	DATA			
CHANNEL ID	1000		<u> </u>	
NAME (or trib. to)	ARZIZ-STA	DUS15-2213		
PEREMINTERMIT	######################################	SM Amiles Area		
WIDTH (obser/ohw)	N/A / I'			
DEPTH (obser/ohw)	 	20'		
FLOW RATE 1	N/A / Z'	} • 1		
FLOW DIRECTION	76 SW	n/A		
SUBSTRATE	Sill loan	511 10 m		
BANK VEGETATION	UPIAN FOILEST	TUROST		
T = Dry/Stagnant/Low/Medium	m/High		J	
SKETCH:		VEG (KD	bem porded mad - Brange.	
		PARLIZA	- T. Cylus - RATTIC MARCYMA - (MCE (EAG) Gola R	'ب
,	5mall PUNDOS PRZA 212A-STB)	nzn-sm	-STEPIE 124	
FISH AND WILDLIFE	OBSERVATIONS			
· , , , , , , , , , , , , , , , , , , ,	***************************************			
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		· · · · · · · · · · · · · · · · · · ·	· ·	
NOTES		· ·	·	
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PROJECT: CLINTO C	O WIND FARM	CLIENT: HOPIZON	
TURBINE: N/A	TURBINE: N/A		
LOCATION: MAR	TY LAVINS PARY	DATE: 10.21.05 ROLL NO: 4	
FIELD CREW: 20	16	FRAMES: 9,10	
THE CITY. 10	<u> </u>	MANUEL 7/10	
STREAM CROSSING D	ATA		
CHANNEL ID	ARZIBA-STA		
NAME (or trib. to)	MA		
PERENANTERMIT	INTERMIT		
WIDTH (obser/ohw)	1'410 /3'		
DEPTH (obser/ohw)	8"//"		
FLOW RATE ¹	Slow- MED		
FLOW DIRECTION Sol	J 896T		
SUBSTRATE	SILT LOAM	£	
BANK VEGETATION	URAND FOREST		
1 = Dry/Stagnant/Low/Medium	/High	-	
POUNTA POUNTA WHEEN			
POORTON WHEEN			
FISH AND WILDLIFE C	DBSERVATIONS		
FISH AND WILDLIFE O	DBSERVATIONS		
FISH AND WILDLIFE O	DBSERVATIONS		
FISH AND WILDLIFE C	DBSERVATIONS		

PROJECT: Winky Cunky Virilly	CLIENT: Itm Par
TURBINE:	DATE: 10/2//J
LOCATION: morn lonins property	ROLL NO: 4
FIELD CREW:	FRAMES:
STREAM CROSSING DATA	
CHANNEL ID PROISA - STA	
NAME (or trib. to)	. ;
PERENANTERMIT	
WIDTH (obser/ohw) (1/ /3/	
DEPTH (obser/ohw)	
FLOW RATE!	
FLOW DIRECTION 70 75 5	
SUBSTRATE	
BANK VEGETATION UP I'M FLATT 3 ODS	on tour (property
T = Dry/Stagnant/Low/Medium/High	on openy seccos wal
NWTH	
	121 correspond Prote
FISH AND WILDLIFE OBSERVATIONS	
NOTES	
VOTES	

	& N Norming #	ST \DATE:_	10/24/05
LOCATION: 1-10/201	0 10 (maj	Y LAVINS)ROLLN	10: 6
FIELD CREW:	S. KH P		es: 22

STREAM CROSSING D	ATA		
CHANNEL ID	T000 ma (ma		
NAME (or trib. to)	ARQLAA-STA	197217A - STIS	ARZIJA -STC
PEREMINTERMIT)			
WIDTH (obser/ohw)			
DEPTH (obser/ohw)	1 / 3	1'/4'	1.5' / 3'
FLOW RATE ¹	<u> </u>	6" 1 1'	8"11
FLOW DIRECTION	MARIN	(PA)	Morecase
SUBSTRATE	NORTH	M's NOUTH	NOLTH
<u></u>	LOAM	LOAN	Luan
BANK VEGETATION 1 = Dry/Stagnant/Low/Medium	(UPIAN) FURCEST	Uplan render	UPIAND TURKS
NATOR FRUS UN RO GO STC 6	iron STA	ARZIAA-SI	
TISH AND WILDLIFE C	DBSERVATIONS	ARZIAA STIPAM DEJE	
NOTES ()	16 Photo	22 -> No	URTH

	PROTECT \\ -L.	Canty universe	CI TEXTE CLA CO.	
		con : 1 anti 11 Acre	- CLIENT: Julian	
	TURBINE:		DATE: 1012410	<u> </u>
	LOCATION: Hhe		ROLL NO: 6	
	FIELD CREW), KH	FRAMES: $\frac{2}{\sqrt{1}}$	
	STREAM CROSSING	DATA		•
	CHANNEL ID	ARZIBAIS. ZTA		
	NAME (or trib. to)			
	PERENANTERMIT	mt		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	WIDTH (obser/ohw)	21/51	- Committee of the second seco	<u>annellin ammenikalungan pananan and</u> e projektor sa estera
	DEPTH (obser/ohw)	84///	· · · · · · · · · · · · · · · · · · ·	
	FLOW RATE 1	RADID		
	FLOW DIRECTION	NULTH		
	SUBSTRATE	Siltium		
	BANK VEGETATION	PEN WET.	•	
	1 = Dry/Stagnant/Low/Media	um/High ma uplani)	8.17	
	1n	The state of the s	ARZ18	A13-57
70	218 3 FISH AND WILDLIFE	OBSERVATIONS	S ARZIRA	
70		OBSERVATIONS	S ARZIRA	
70		OBSERVATIONS	S ARZIRA	
70		OBSERVATIONS	S ARZIRA	
9 0		OBSERVATIONS	J ARZIRA	
1		OBSERVATIONS	S ARZIRA	
70	FISH AND WILDLIFE	OBSERVATIONS	JARZIRA	

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ROUTE: PL TO	5 TUAS 105	DATE: 5/24/57
LOCATION:		ROLL NO:
FIELD CREW	10. Polity	FRAMES:
STREAM CROSSING	TN A TTV A	
SI KEAM CRUSSING	DATA	
CHANNEL ID	PRAIRAIR-ST	
NAME (or trib. to)		
TYPE OF STREAM		
PEREN/INTERMIT	70t.	
WIDTH (obser/ohw)	11/01	
DEPTH (obser/ohw)	411/11	
FLOW RATE 1	1000	
FLOW DIRECTION	NW	
SUBSTRATE	5.14	
BANK VEGETATION	PEN	
T = Dry/Stagnant/Low/Media	ım/High	
SKETCH:	Nex X	to to the state of
FISH AND WILDLIFE	OBSERVATIONS	nosquitos, Black Flies
NOTES		

PROJECT: Marble River	CLIENT: HOY 170N
TURBINE: T. 120	DATE: 10/27/06
LOCATION: T- 120	ROLL NO: to S
FIELD CREW: RD JV	FRAMES:

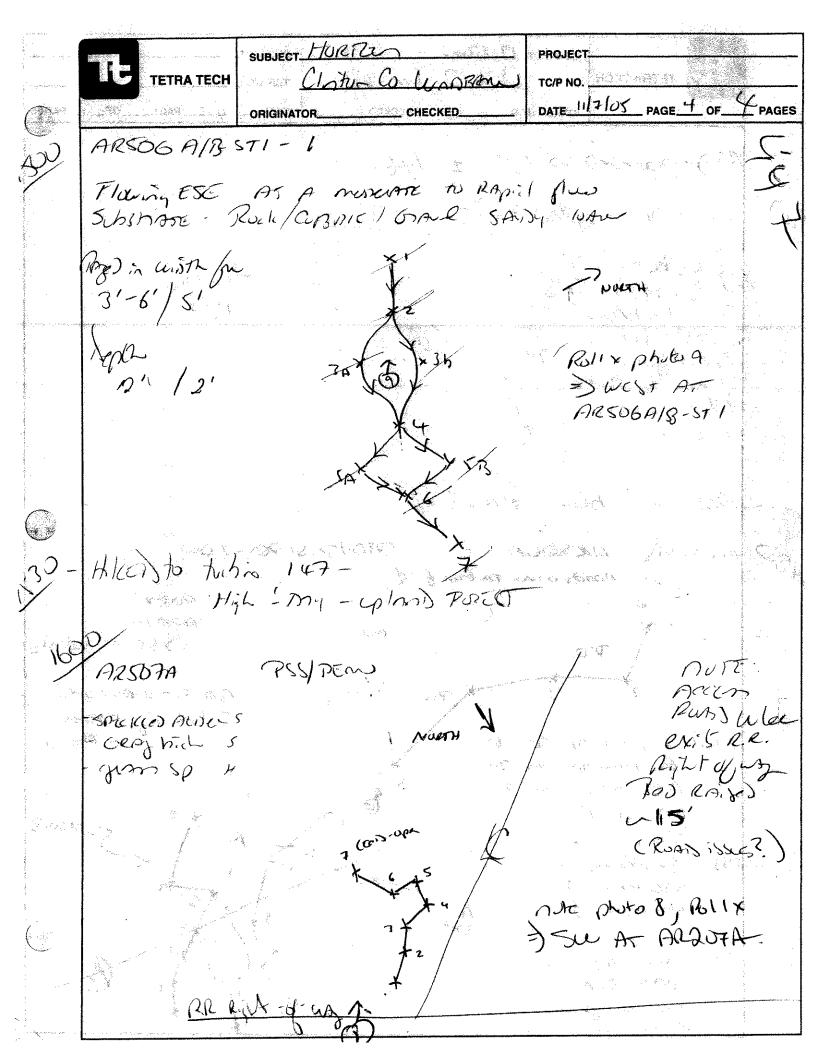
S

CHANNEL ID	1076 AR351-A-	-ST	
NAME (or trib. to)	NA		*
PEREN/INTERMIT	INCERMIT M	an made ditch	
WIDTH From Bank	48" 36"		
DEPTH (Bank)	la"	4" actual dept	h
FLOW RATE 1	Otagnant to 1	bW	
FLOW DIRECTION	1		
SUBSTRATE	Silt Sand		
BANK VEGETATION			

1 = Dry/Stagnant/Low/Medium/High SKETCH: NEW LOTE 120 - C AR301-A-ST Entire area is wood debris Existing WTG 120 - B 7.120

FISH AND PGNEN	WILDLIFE OB	SERVATIONS		
NOTES Sur fac	ce water	flow from	WL WTG130-B	flows worth
		o WL W		

PROJECT: Marble	hver	CLIENT: HOOZO	had flower lik
PROJECT: MGGGLe TURBINE: 196R-1	47	DATE: 5/7/06	
LOCATIONS, of	thread and BR	ROLL NO: <u>///</u>	- Arrange - Arra
FIELD CREW: K	7/	FRAMES: #7,	H Ø
FIELD CKEW. 1371		PRAMES. 41	LI O
STREAM CROSSING I	OATA		
F	A/B-ST		
CHANNEL ID	AR 506B=ST		^
NAME (or trib. to)	unkrown		
PEREN/INTERMIT	Enternit		
WIDTH (obser/ohw)	5-10+		
DEPTH (obser/ohw)	6-8 incles		
FLOW RATE 1	Low		
FLOW DIRECTION	SF		
SUBSTRATE	Sand		
BANK VEGETATION	food Covers, sonsitive form,		
= Dry/Stagnant/Low/Mediu	m/High Marsh marshold	$\langle \gamma \rangle$	
SKETCH: , ,		(1/2)	
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F W/			
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ENGCER Y WAR ERVER DUE ABOAM	ODCEDYATIONS		
FISH AND WILDLIFE	OBSERVATIONS		
FISH AND WILDLIFE 17095	OBSERVATIONS		
FISH AND WILDLIER 1709S	OBSERVATIONS		
FISH AND WILDLIFE 17095	OBSERVATIONS		
trogs	OBSERVATIONS		
trogs	OBSERVATIONS		
FISH AND WILDLIEE TOGS NOTES	OBSERVATIONS		
trogs	OBSERVATIONS		



SUBJECT_____ PROJECT **TETRA TECH** TC/P NO. DATE 1/7/05 PAGE 3 **ORIGINATOR** CHECKED. B30-processed to Euste # 146. MD High Day - uplan FUEST - +1146 DIK Chang kes mont Touted ma 5101 hich acod fer-Der Cila ahun Clubourn mors hem +1146 \$ 147 - PFO/PSS/PG~/OU Annos o-nut For orugh for & RUX X Photo 10 => SE AT LEWA TURE FURIST MEL NEW LUB UN DAVE PTO! 201 mark 1/1 THEE 60 GRAIBUCK TIS Mx 5 30 Chhom H hin 20 or to the SP497 , ron H PSS: Specility ander 5 snooled 5 spiphrem 5 pa 506A PEm: Woolings H CALCY CHAPTO Schritte for SOM mm

PROJECT: Chundon		CLIENT:_\	مرديون
TURBINE: AR 6534		DATE: 12	
LOCATION: Chindre	. Co. NY		116E /115E
FIELD CREW: 80-		FRAMES:	, ' (
TILLE CALLETT.		PRANCS	
TREAM CROSSING D	ATA		•
CHANNEL ID	Un. Know		
NAME (or trib. to)	UN. Venous		
PEREN/INTERMIT			
WIDTH (obser/ohw)	3-64 Wide Varue		
DEPTH (obser/ohw)	4"-1 16 Vanis		
FLOW RATE 1	Unknow		
FLOW DIRECTION	Southers have	V-1	,
SUBSTRATE	inspire immer	·	
BANK VEGETATION	Alder domily		
1 = Dry/Stagnant/Low/Medius	m/High		
MS34-97	W Cart	Ponder Hze	, - unto depth
•			
FISH AND WILDLIFE		Item that conta	ús Azen
Dood coch in ling	pland and westend by	iten that conta	in 5 Arean
Dood coch in ling		iten that conta	ins Arean
Dood coch in ling	pland and westend by	iten that conta	ins Arean
Deer frack, com	pland and westend by	Ich that conta	ús Grean
Does frack, Gos	pland and welland by		
Wood coch in ling	pland and westend by		

SKETC	H FORM
We tland ID/Route #: 54-5+ (draining ditch)	Date: Time: 13:45
Intials of Delineators:	Location: Cliston to, Star Al to with 200
Roll#: Frames:	CHARIN W, STIN IN 10 WIF DED
Calgarrage dist	Stream Stone wall Stone wall -6' show dists -high bush cranbory
MEY!	-Stream PSS -bish such canbony -clemy
	-6 show a cranbony
	-clerry
A	
ASO	Agn
Gold	Agelel
	I N
	2
Photo Location/Direction	end Wetland
Sample Station	U Upland
Centerline Flag	Stream Intermittent Stream
↑ North Arrow	

	PROJECT: Clinto			Harizon_
	TURBINE: Kogor	s 11cl	DATE:	11/7/05
	LOCATION:	····	ROLL NO	: SH's
	FIELD CREW: ///	SH	FRAMES:	8 SE
	-	,		8 SE 9 NW
	STREAM CROSSING I	DATA		• •
	·			
	CHANNEL ID	AR 599A /B-S		
	NAME (or trib. to)	unknown		
garage and a second	PEREN/INTERMIT	Perenn	mining to an entry frequency and an entry and an entry and an	
	WIDTH (obser/ohw)	5-10'		
	DEPTH (obser/ohw)	2',	·	
*	FLOW RATE ¹	Med		
	FLOW DIRECTION	SE-S		
	SUBSTRATE	Cobsks		
	BANK VEGETATION 1 = Dry/Stagnant/Low/Mediu	specified Alder		
	SKETCH: 599/	m/High	K	
i i	B37	St3 Sty Capart	\$17 \$35 \$44 \$44 \$44	AR599 A Y
			₹∧	
	FISH AND WILDLIFE	OBSERVATIONS	AS	25 36
\$	NOTES	OBSERVATIONS	AS	Ab Ab
		OBSERVATIONS	AS	Ab The state of th

	STREAM CROSSING	G DATA FORM	
across 16	, between Turbo	in a	1 /
ROUTE 1335 1	32	DATE	5/8/06
LOCATION: AR	619 A/B	DOLL N	0: NA
FIELD CREW: RD	- P T		
FIELD CREW: KV		FRAME	
			SEE nutes)
STREAM CROSSING D	ATA		
CHANNEL ID	AR619-ST		
NAME (or trib. to)	TICE OF		
TYPE OF STREAM	1st order		
PEREN/INTERMIT	perau.		-
WIDTH (obser/ohw)	3# (flowing)/FO' max.		
DEPTH (obser/ohw)	 	. •	•
FLOW RATE 1	moderate		
FLOW DIRECTION	NE		
SUBSTRATE	SILO		
BANK VEGETATION	PSS		
= Dry/Stagnant/Low/Medium	I		
SKETCH:			N 7
	\ \ \ /		14.
		•	
	$\sqrt{1/\gamma}$		
	- × 1 / 2 -	- · — X X	
5	- 1		
X	E Per I		
•		~ ~ /	
A2693		ARBIGHT	•
Millor		1,00	,
	1		
	1 AGE ACC	ess Rd	
FISH AND WILDLIFE O		7 " ~	
FISH AND WILDLIFE O	DSERVATIONS		
NOTES A H.O	has widely of ~	3' (75' N	E of AR) w/
Way Dan of	Dail' Han w	* 50'	- 4 112, 3/
max. Voraces of a	conany (120 1=1		
- obb 73 E	AT ARGIA	ST	
philo 8 => W.			

PROJECT: Marble	le R.	CLIENT:	
TURBINE: AR			7/2
LOCATION:		DAIL).
FIELD CREW: BQ -CJ		KULL NU:	
FIELD CREW: 1903		FRAMES	: Hel 1 3 E
FREAM CROSSING I	DATA		5/20/06 D:
CHANNEL ID	AR721-ST		
NAME (or trib. to)			· · · · · · · · · · · · · · · · · · ·
PEREN/INTERMIT	interm.		
WIDTH (obser/ohw)	3-51/34		
DEPTH (obser/ohw)	5-8"/*		
FLOW RATE 1	1 2		······································
FLOW DIRECTION			
SUBSTRATE	ind		
BANK VEGETATION	PF01		
			,
			,
SH AND WILDLIFE (Lyeanst: Ciffrox.	OBSERVATIONS Dittel to d S'; just a	iain ag field	of weigh

PROJECT: Mailele	R.		CLIENT:		,
TURBINE:			DATE:	5/21	106
LOCATION: AR 72	4A		ROLL NO:	****	······································
FIELD CREW: B			ED AMES	10.0	- X /
TIDE CICETY.			FRAMES.	facto	2 A S ST-1
STREAM CROSSING DA	ATA			from	51"(
CHANNEL ID	AR724A-ST	,			
NAME (or trib. to)			······································		
PEREN/INTERMIT	inter.				
WIDTH (obser/ohw)	M & @ 11/2"	9			
DEPTH (obser/ohw)	1-2"/ HENG 6	-12"		***************************************	
FLOW RATE 1	Medica				
FLOW DIRECTION	<u> </u>				
SUBSTRATE	SAWW97.				
BANK VEGETATION	55				
= Dry/Stagnant/Low/Medium/	'High				
SKETCH:	4	0 AR7	24 <i>4- 5</i> T	-	. •
		0 -3	Aug To the distance of		Sept. 1 - Autocologica (C.)
FISH AND WILDLIFE O	BSERVATIONS			-	
		,			:
NOTES placed	during high	water;	A itual	ed ale	ng W
- engring rock	e pus way;	open pa	1 freeze s	eo vv.	p

CHANNEL ID	DATA	
NAME (or trib. to)	ARTQUA-ST	
TYPE OF STREAM	lun-named	
PEREN/INTERMIT	No they so it	
WIDTH (obser/ohw)	Intermit NA 13-31	
DEPTH (obser/ohw)	N/A / 9 3	
FLOW RATE 1	TO	
FLOW DIRECTION	1500th	
SUBSTRATE	Silt/cobble	
BANK VEGETATION	hernd herb*	
= Dry/Stagnant/Low/Media		
Acress	Road	30 0 N
	OBSERVATIONS	
FISH AND WILDLIFE		
FISH AND WILDLIFE NOTES		

TOCATION O	BST	Dame Clife	
LUCATION: 5 OF	Clinton mills Ad	DATE: 5/11/07	
FIELD CREW:	JV AP	ROLL NO:	-
	7 M	FRAMES:	
STREAM CROSSING	D. A. Zin. A		
STREAM CHOSSING	DATA	•	
CHANNEL ID	ARROS AN ST		
NAME (or trib. to)	spin-	Alnus rugosa	Spira
TYPE OF STREAM	English River	Botula productolia	mode
PEREN/INTERMIT	Dovous - I	(Implanchier)	cara
WIDTH (obser/ohw)	Dorennial	Octor	Imations
DEPTH (obser/ohw)	6-8 /101	Rue	Sauth
FLOW RATE 1	4-12"+/124"	Wild Strawbeny	Courting
FLOW DIRECTION	Medium	Rubus	avendre
SUBSTRATE	East	<u> </u>	
BANK VEGETATION	ROCK/COOKE	Tanaxicum	
1 = Dry/Stagnant/Low/Medium	PFO/PEM	aunus	
1/200 1 1-1	Floodplain Soc	X103 Response	XION WAY WOON
alociose 300 300	× 302	J	×304 ×304
aloclose 300 3	× 302	The second secon	
SH AND WILDLIFE OB Deathacks obs 300	× 302	303 ABC	
SH AND WILDLIFE OB	SERVATIONS SERVED Within F	303 ABC	305 TO 30

TURBINE: No of LOCATION: Class	m hille Ad			106 KH
		· ·		5,9
FIELD CREW: 15H			FRAMES:	7
STREAM CROSSING	DATA			
CHANNEL ID	AR8031/B-51			
NAME (or trib. to)	English Riva			
PEREN/INTERMIT	Peran			
WIDTH (obser/ohw)	105+			
DEPTH (obser/ohw)	12 m			
FLOW RATE 1	Medium			
FLOW DIRECTION	East			
SUBSTRATE	Boulders/ Much			
BANK VEGETATION	Rue Plus Fors			
1 = Dry/Stagnant/Low/Medi	um/High Speakled Alds	eudon Smeet		
КЕТСН:		1	×	\
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1				X APRED.
•	1 128.11	P.	_	X VALOS
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	7			
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	1		Dona D.	* * * * * * * * * * * * * * * * * * *
•		, A	cess Dood	
ISH AND WILDLIFF	OBSERVATIONS 4	, ,		
ADAR CHIEF TERMINELL	CEDIENTALIONS /			
IOTES		~		
IUIES				

LOCATION: Chirt	n Junction at Soucia Ad	CLIENT: Horizon whole Power LLC DATE: 5/10/03 ROLL NO: 1814
FIELD CREW: MA	1	FRAMES: 1 - South
STREAM CROSSING	DATA	
CHANNEL ID	AQ803A/B/C_ST	
NAME (or trib. to)	Emphish Biver	·
PEREN/INTERMIT	Peren	
WIDTH (obser/ohw)	10 ft	
DEPTH (obser/ohw)	12 m	
FLOW RATE ¹	Lon	
FLOW DIRECTION	N/NE	
SUBSTRATE	Sand/Baildes	
BANK VEGETATION	Specified Alda	
1 = Dry/Stagnant/Low/Medi	um/High Grass sp.	
SKETCH:	Y A	12 34 STI
on Mills Pad	#1	
sovert -	Crane W	alk
FISH AND WILDLIFE	OBSERVATIONS	

***************************************		2
NOTES Connects th	and Culvet woder Clinda	- Mills Red to
wetland / Stoca	~ 1D - (SOUCIA-	ST) from last actober dess-
- vetland and	stoemn stags showd a	-Mills Mel to ST) foom last actober dees t cutrent, ADBOJA/B-201/ST2 ADBOJ/B-21A/ST3

ROUTE: PCCON RO WILLS	DATE: 5/25/37
LOCATION: 600TO(T,114	ROLL NO:
FIELD CREW: AP	FRAMES:
TREAM CROSSING DATA	
CHANNEL ID ARRIT 3-ST	
NAME (or trib. to)	
TYPE OF STREAM DITCL	
PEREN/INTERMIT	
WIDTH (obser/ohw)	
DEPTH (obser/ohw) 7" / 15"	•
FLOW RATE 1	
FLOW DIRECTION 4	
SUBSTRATE SANDY 10AM	
BANK VEGETATION PACCESS R.J. W. CAS	+ Upland Decial Fru
T = Dry/Stagnant/Low/Medium/High	+ Upland Decil For
	. (
KETCH:	
SOZEAM EXTENSION dos 11-	" CXI)
5/1000	and onto
Ze shot know origin to	www /
KETCH: SMECAN Extension does no Ze shoe from origin to	1113-55
p -/-1108	
iones from	
m PJ.	V Brant
	\ Naca +>
* *	
	•
x 4 4	
ISH AND WILDLIFE OBSERVATIONS	
Pore (SSDS X-ARBII)	-ST 1
MOG	
OTES	
470 mot flow Arm	Acces D.
70 SDEAN maning	NALL MIGH

DATE: 5 .15 .06

ROUTE: ARBILB - STE

	LOCATION: Acces	s Apad to	ROLL NO:
	FIELD CREW: RD	JV WTG112+114	FRAMES See AR811A - ST
		-	
	STREAM CROSSING	DATA	
	CHANNEL ID	AR811 B-ST	
	NAME (or trib. to)		
	TYPE OF STREAM		
	PEREN/INTERMIT	Intermittent	
+ = +	WIDTH (obser/ohw)	1-31/31	
	DEPTH (obser/ohw)	3-3"/11	
•	FLOW RATE 1	Low	
	FLOW DIRECTION	South	
	SUBSTRATE	Silt	
•	BANK VEGETATION		
٧	1 = Dry/Stagnant/Low/Media	Sphagnum, grass	
	SKETCH:		
	. •	A A	T
		150	7
•			
	,		N
	AR811BST		
•	-1/	N	•
		<i>3</i> /	
		"currogatedplastic	
	A. 3 04	Carroga regista sire	
100111	Cul	VE	•
AR811A-S	21 Table		
		OBSERVATIONS	
	Frogs		
	NOTES		
	Appears to be	roadside ditch her	avily carved by drainage
	· •		
	· · · · · · · · · · · · · · · · · · ·		
1 .			

Line extension

		÷	
ROUTE: Of to	11156	DA	TE: 5125/27
LOCATION: COST.	S1. T. 115		LL NO:
FIELD CREW:	NA		AMES:
		1 10	3171547.
STREAM CROSSING I	DATA		
CHANNEL ID	AL 814A-ST		
NAME (or trib. to)		·	
TYPE OF STREAM			
PEREN/INTERMIT	int		
WÎDTH (obser/ohw)	N/51	·	·
DEPTH (obser/ohw)	4/11/	·	
FLOW RATE 1	STAG		
FLOW DIRECTION	Sortu	,	
SUBSTRATE	SiHIDAN		
BANK VEGETATION	woland Deci	O TOURT	
1 = Dry/Stagnant/Low/Medium	n/High		
SKETCH:	,		
			•
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	Y A		
•	. \		
		/	
	- DI	314A-ST 1	
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The same of the sa	and the state of t		•
ISH AND WILDLIFE	OBSERVATIONS	•	
IOTES			
OTES			

PROJECT: Marble	River		CLIENT	: Honzan	word Down
TURBINE: 114-7/	5/		DATE	5/10/a	5 Slidhh
TURBINE: 114-7/ LOCATION: Land	< anoether			10: /5	- y 2°
FIELD CREW: / Sh	JV		FRAME	s: 9-	South
			W. W. C.L. X.L. F. Z. Z.L.	,	
STREAM CROSSING	DATA				
CHANNEL ID	AB814A-ST				
NAME (or trib. to)	MKnown				
PEREN/INTERMIT	Intermit				
WIDTH (obser/ohw)	5 A				
DEPTH (obser/ohw)	Llinch				
FLOW RATE 1	Dry/Stamat	-			***************************************
FLOW DIRECTION	South				
SUBSTRATE	Cophleckand Mirk				
BANK VEGETATION	Gous Birch, Conada Mayfi	1 0,			
1 = Dry/Stagnant/Low/Media	um/High Moss Sp.	,	, sel	<u> </u>	
SKETCH:	·	da" ce	original cult	ent	(" u")
		1			
					Control (Mary 200 to the control
1	<u>.</u>	1.4			
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		-4>AA814	14-541		
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				N ₂)
FISH AND WILDLIFE	OBSERVATIONS				
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NOTEG				······································	
NOTES					
					· · · · · · · · · · · · · · · · · · ·

ROUTE: AR944A/B-ST LOCATION: AR TO turbine 112 FIELD CREW: KH JV

DATE: 7-24-06

ROLL NO: => N @ A

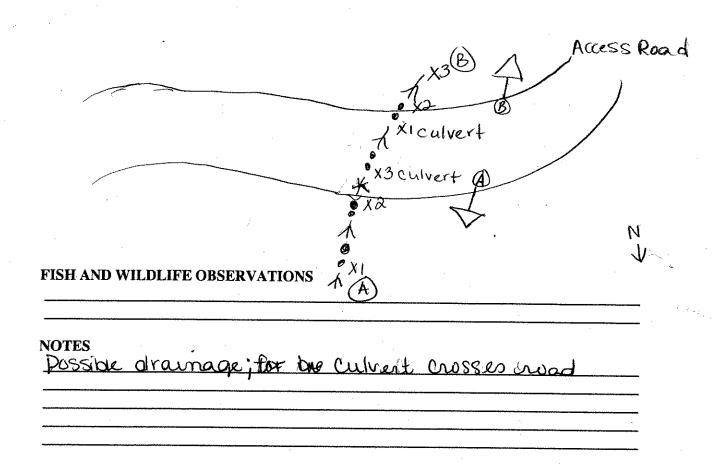
FRAMES: => S @ B

STREAM CROSSING DATA

140-00 med	
Intermit	
MIA / 12-US	
Dry	
Southwest	
M/Leaflitter	
Herb	
	Innamed intermit a-10'/4ta' N/A/1a-48" Dry Southwest OM/Leaflitter Herb

1 = Dry/Stagnant/Low/Medium/High

SKETCH:



ROUTE: ARC	746 A ST	DATE: 51007
	-119	
		ROLL NO:
FIELD CREW:	VAC	FRAMES:
STREAM CROSSING	DATA	
CHANNEL ID	AR940-AST	(Bank vega)
NAME (or trib. to)		alow masoa
TYPE OF STREAM		Yburnum Lentigo
PEREN/INTERMIT	Intermit.	Betula promatolia
WIDTH (obser/ohw)	41/51	Attenditum aquilinum
DEPTH (obser/ohw)	a"/8"	acer rubrum
FLOW RATE 1	Stagnant	sphagnum mess.
FLOW DIRECTION	South	- Aprinograme is
SUBSTRATE	muck	
BANK VEGETATION	Wry Will Heat IIA	
1 = Dry/Stagnant/Low/Mediu	m/High	
Culvert Jr. Sy	het	100 X X
ENCLY A RIP WHEN THE WORLD		
FISH AND WILDLIFE	OBSERVATIONS	
411-34		
NOTES Trea adjo Doom liggle	cent to Streat vel	un tras recently (past &months

ROUTE: HK444	1211111	DATE: 1.24.06	·
LOCATION AR TO	turbine 112	ROLL NO:	
FIELD CREW: KH	2	FRAMES => SE =	#1
		TRANS.	
STREAM CROSSING	DATA		
,			+ 1
CHANNEL ID	AR946A-ST		
NAME (or trib. to)	Un named		
TYPE OF STREAM			
PEREN/INTERMIT	Internet		· ·
WIDTH (obser/ohw)	13/4		tti oli taisitti kanta kan Kanta kanta ka
DEPTH (obser/ohw)	NA / 12 - 346"	*	
FLOW RATE 1	DN		
FLOW DIRECTION	SouthEast		
SUBSTRATE	Leaflitter/OM		
BANK VEGETATION	Herb (mass Forn)	· ·	
T = Dry/Stagnant/Low/Mediu	ım/High		<i>[</i>
SKETCH:		1/	N
SKEICH			n.
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		×. X4	
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	The second secon		
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· · · · · · · · · · · · · · · · · · ·			
ISH AND WILDLIFE	OPCEDVATIONS		
	s and Gartner	km kes	
<u>Common voc</u>	S CAR OBLINE S	31120/6-3	
			····
OTES			
otream begins	along side of a	existing Access Top	<u>d</u>
and drains in	nto isocials to St		

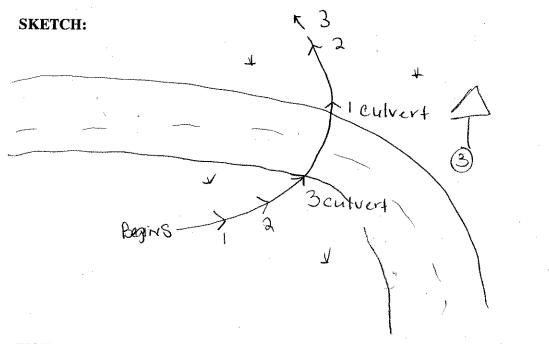
			-

ROUTE: AR9538/8-ST
LOCATION: AR to turbine 138
FIELD CREW: K H W

STREAM CROSSING DATA

CHANNEL ID	1289598/B-ST	·	
NAME (or trib. to)	Unnamed		
TYPE OF STREAM			
PEREN/INTERMIT	Peren		
WIDTH (obser/ohw)			
DEPTH (obser/ohw)	6-12"/12"-16"		*
FLOW RATE T	Low		
FLOW DIRECTION	SW	TO THE RESIDENCE OF THE PERSON	
SUBSTRATE	Silt + gravel		
BANK VEGETATION			

1 = Dry/Stagnant/Low/Medium/High



Common Frogs, Gartner Snakes observed in water and on Bank.

NOTES							
Kice	Cut Gr	ass do	ninates	immed	diate	bank	on \\C"
whe i	ω orall	(十行 しりかの)	AMOS		OVE SI	<u> </u>	
Care	<u> Scópa</u>	rio and	y 'yunc	us ef	fusis	dom-	bank or
<u> ن-8″</u>	<u>sidei.</u>	<u>ASSocia</u>	ited wo	AR9	54 A	wetlan	d
				•.			

ROUTE: ARGLI		DATE:	9/8/06
LOCATION: Turbing	<u>€ 85 '</u>):
FIELD CREW: IB	JV.		
STREAM CROSSING DA	ATA		
CHANNEL ID	AR967-A-ST		
NAME (or trib. to)	Wok-		
TYPE OF STREAM			
PEREN/INTERMIT	INTERMIT		, , , , , , , , , , , , , , , , , , ,
WIDTH (obser/ohw)	6-12"/8-10"		
DEPTH (obser/ohw)	NA / 2/2"		
FLOW RATE '	Dry		
FLOW DIRECTION	NE		
SUBSTRATE	Silt.		
BANK VEGETATION = Dry/Stagnant/Low/Medium/F	Hurb		
	3 XX 3 XX 5 XX	Start of what of graves pit	
SH AND WILDLIFE OB	SERVATIONS		
VTES			
DTES	****		

ROUTE: ARIO37-5	<u>St</u>]	DATE:	7/28/06	
LOCATION: HARBLE	e River	ROLL NO:			
FIELD CREW: BQ	1 SC				ACING NORTH
STREAM CROSSING D	DATA			·	
CHANNEL ID					
NAME (or trib. to)					
TYPE OF STREAM					
PEREN/INTERMIT	PERENUAL				
WIDTH (obser/ohw)	3 - 6 FEET				
DEPTH (obser/ohw)	1-6 INCHES				
FLOW RATE 1	нерин				
FLOW DIRECTION	NORTH				
SUBSTRATE	HOD				
BANK VEGETATION	DEH / SC-SH				
1 = Dry/Stagnant/Low/Medium	n/High			 	
			1		ς.
	514	0		, , , , , , , , , , , , , , , , , , ,	
	ST2			· •	INTERCONNECT CENTERLINE
	इ त्तर	O PHOTO FE	ang ra	RTH	
	•				
FISH AND WILDLIFE OF FROMS	DBSERVATIONS				
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	· · · · · · · · · · · · · · · · · · ·				
NOTES				-	

ALCESS	Rd	
ROUTE: Loute to	turbino 201	DATE: 5-31-07
LOCATION: wetlan	d ARIOSTADE	ROLL NO:
FIELD CREW: PUD /		
		FRAMES: Photo 10 Face N
STREAM CROSSING DA	ATA	
CHANNEL ID	AR1037-ST	
NAME (or trib. to)		
TYPE OF STREAM		
PEREN/INTERMIT	PEREN	
WIDTH (obser/ohw)	5ft /15ft.	
DEPTH (obser/ohw)	10"/4 Ft	
FLOW RATE 1	Low	
FLOW DIRECTION	N	
SUBSTRATE	Sand/Rock	
BANK VEGETATION	PEM/PSS	
= Dry/Stagnant/Low/Medium/	High	N
	# 102	TIREAN extension Reshot Stream
FISH AND WILDLIFE OF BOVING NOTES Boving disturban extended to the	ce - active cov	of pasture shot entire length.

ROUTE: AR 1368	- A - ST	DATE:	10/15/06
LOCATION: 1.31	+ AR		NO:
FIELD CREW: 18	UV .		
		FRAMI	ES:
STREAM CROSSING I	DATA	•	
CHANNEL ID	101200 0 0		
NAME (or trib. to)	AR1308-A-ST		•
TYPE OF STREAM	Field Drain		
PEREN/INTERMIT			
WIDTH (obser/ohw)	Intermit		
DEPTH (obser/ohw)	48"/48"		
FLOW RATE	NA 16-10"		•
FLOW DIRECTION	N + S		
SUBSTRATE			
BANK VEGETATION	Herbs		
= Dry/Stagnant/Low/Medium	Herbs VHigh		
SKETCH:	X X		N N
FISH AND WILDLIFE OB	SERVATIONS		
Field Drainag	e - Assoc	w w.	

MULTION: 1, M	<u>1/1318</u>	DATE:	10/15/p6	
FIELD CREW: 18 + UV		ROLL NO:		
LIETA CKEM: 10	<i>5</i> V//	FRAMI	3S:	
TREAM CROSSING	DATA		- 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	
CHANNEL ID	ARISIT A-ST	AR1318 - A - ST		
NAME (or trib. to)	NA NA	NA NA		
TYPE OF STREAM		Man made ditch		
PEREN/INTERMIT	Intermit	Intermit		
WIDTH (obser/ohw)	38" / 28"	48" / 24-36"		
DEPTH (obser/ohw)	MA / 8-10"			
LOW RATE I	Dry	NA / 10-16"		
LOW DIRECTION	E/W	N/8		
UBSTRATE	Soil 1	Soil Iwardy Vige		
BANK VEGETATION = Dry/Stagnant/Low/Medium	Upland woody	undsteelight Herbs		
		X /		
			-AR1317A	
END >>			-A81317A	
END > > Open Ag Fie		Forest		
Open Ag Fie		Forest	-AR1317A	
		Forest		

CHANNEL ID NAME (or trib. to)	CVIDATAS	T CVIAA8 A	
TYPE OF STREAM PEREN/INTERMIT	WL Culvert	WE alvert	
WIDTH (obser/ohw) DEPTH (obser/ohw)	36/12-au NA / 8-12"	"al / 10-18	
FLOW RATE TO SUBSETE A TELE	Dry North	Low	10-12 Low North
SUBSTRATE BANK VEGETATION 1 = Dry/Stagnant/Low/Medium/	NA NA	NA NA	NA NA
SKETCH: 36 CMF CVIAD 7 Lagree) (Y I (9 PH)	alcmp (ARGITA/B) CVID

GAIN

LOCATION: Intersection of R+189+Lagree Rd FIELD CREW: Heading Worth	
	DATE: 5/6/67
FIELD CREW Heading Worth	ROLL NO: 4= N
JV AP	FRAMES:
STREAM CROSSING DATA	
CHANNEL ID CVI 227-A-ST	
I Ni A Mile (on table 4-)	
TYPE OF STREAM NA	
PEREN/INTERMIT NA	•
WIDTH (observation)	
DEPTH (obser/ohw) NA NA	
FLOW RATE 1 NA	
FLOW DIRECTION North	
SUBSTRATE PEM	
BANK VEGETATION UPL Grass / we rols	
Lagree Rd Lagree Rd Loculvert Rt. 189	DEC wetland
SH AND WILDLIFE OBSERVATIONS	

CA	1228	T8-A-
CV	1229	-A-ST

ROUTE: CVIDAT		DATE	9/18/06
LOCATION: LOGIC	e Rd		NO:
FIELD CREW: \ \ \	00		
		PRAM	ES:
STREAM CROSSING D	ATA		
CHANNEL ID	CVIA 37 AST	-LOVIS SOLVE	
NAME (or trib. to)	NA		
TYPE OF STREAM	We Culvert	NA	NA
PEREN/INTERMIT	NA	WL alvert	WL Culvert
WIDTH (obser/ohw)	36/13-24		NA 18 / 10-13
DEPTH (obser/ohw)	NA 18-13"	H-6/10-12	4-80/10-12
FLOW RATE	Dry	Low	Low
FLOW DIRECTION SUBSTRATE	North	North	North
BANK VEGETATION	A/A	NA	NA
= Dry/Stagnant/Low/Medium/I	I V PA	NA	NA
SKETCH: 36 CMP CVIDAT Lagree Lagree Licatea Fish and wildlife obsit Common Freq		al cmp (YAM)	1917 A/B) - 18 CPP - 1917 A/B) - 1917 A/B) - 1917 A/B)
CV1228 + 1229 CV1228 + 1229 21 cmp + 18cpp flagged):	ASSOC. W/ W	UL IC978A/B IL AB917A/B	Cpreviously

ROUTE:(VIDSO	YBST	DATE: 9/18/06	
LOCATION: Lagre	e Ro	ROLL NO:	
FIELD CREW: <u> V</u>	D0	FRAMES:	
STREAM CROSSING I	PATA		
CHANNEL ID	CVIZ 30 ABST		
NAME (or trib. to)	NA NA		
TYPE OF STREAM	WL Culvert		
PEREN/INTERMIT	NA		
WIDTH (obser/ohw)			_
DEPTH (obser/ohw)			
FLOW RATE 1			
FLOW DIRECTION			
SUBSTRATE			_
BANK VEGETATION		<u> </u>	4
= Dry/Stagnant/Low/Medium	/High	<u> La companya di managana di m</u>	
	1330B)		
FISH AND WILDLIFE OB	SERVATIONS	Souive	
NOTES 30 15 CMP Culvert 30 15 CMP Culvert	ed WL Assoc S but IO 12	.WI AROUBA to N and	
	ĤPES A	K 97/A	

	ROUTE: BR123 LOCATION: Looby FIELD CREW: JV	Ad heading South	h ROI	TE: 9/18/06	
	STREAM CROSSING I	DATA	FRA	MES:	**************************************
	CHANNEL ID	To O so the second			
044 044 045	NAME (or trib. to)	BRIDGI A/BS	<u>п Сиаза А-</u>	ST CV1833 A-ST	
Ŋ	TYPE OF STREAM	Hinchbrook ?	INA	INA	
<i>₹</i>	PEREN/INTERMIT		WL/ Field dro	an WL/Field dra	<u>7</u> 7
:	WIDTH (obser/ohw)	Peren	Pener	Intermit	**************************************
•	DEPTH (obser/ohw)	10. / 10	24"/12-14		
	FLOW RATE	11a-18/48-60		1" NA 1 8-10"	
	FLOW DIRECTION	Low West	V. low	DN	
	SUBSTRATE		West	North	7
	BANK VEGETATION	Rock /site Herbs	MA	NA	
•	= Dry/Stagnant/Low/Medium	/High	NA	NA NA] .
4	i	•	(7N/339)	40000 /
2	SKETCH:			ay"cm	P
			,	CV I A3 A	Cvia
4.7	7	× V		(1
wit	l l	+		k 9	
	+ 1	60 0.			1 1
Com	E A	5 Stream	n bank	1 1/	,
Pasture	BR1331B X	Brian Stream			;
	2 1	3	·	•	1 1
		D A	_		*
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)				<i>∞</i> ★
	j	N -	→	* /	
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FIS	SH AND WILDLIFE OBS	SERVATIONS	K.		5
	Frogs, Shiners		10	963A)	e N
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BRIAZINO	TES	A.			. *
וכשיניני	Bridge over parel	onial stream F	Musem West	1.11 1201-14	
	Associated 0	my wy strea	m bank to	WL BRIAZIA	13
CVIZZZ	ayimp Dravious	to E.		y- whi	-
	Blotcing DEC WE	and the second s	ecquaa to e	+ CVIA ALA to L	J
C11933-	Oulong		ow pasture of	raining 1000	makeny visky jen,
	Culvert into	DEC WL ASSOC	W/ 109WAA		2.2 August 1

,	ROUTELVIALA ~		DATE	9/19/06
	LOCATION: Liberty	bk Rd		NO:
,	FIELD CREWILLV	Do		
	- · · · · · · · · · · · · · · · · · · ·		FRAM	ES:
	STREAM CROSSING I	DATA		
	CHANNEL ID	10112112		
	NAME (or trib. to)	CVIAVA BT	CVIA43 ST	CVIAYY
	TYPE OF STREAM	LUNK	LINK	INA
	PEREN/INTERMIT	Stream passage	phisam passage	Frield drainage
	WIDTH (obser/ohw)	Veren May /-	Peren	Intermit
	DEPTH (obser/ohw)	48"/76"	36" 148"	115 / (0-10"
	FLOW RATE 1	.'8-16"/16-40" Med	10-19.1 19-36.	NA / 8-10
	FLOW DIRECTION	North	Med	Dry
	SUBSTRATE	COCK/GROWEL/SIH	North	North
	BANK VEGETATION	Herbs/woody	rock/gravel/silt	NA
	□ Dry/Stagnant/Low/Medium	High	Herbs/Woody	NA
s	SKETCH: 34CPP		(CVIAH3) Y	CVIAPLY 7
	CVIAHA	2483	l => (lavae	3)
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			ر العلاما ا	
FIS	SH AND WILDLIFE OBS	ERVATIONS		

NO'	TES			
CVAYA 3'	SCP Penen Stream	Flowing Nacon	1. 1/1/18 Man	1 4 1
CABABOO				(Assume applied not apt
TO THE		Flowing Nass	OC WILL CULLOT	down slave)
CVAYI	7 - 20 - 21 11 ZT	.,		:
CAL SIM	15 cpp Field dro Presidence No	mage to N +	Maintained room	I drain adjacent
	[MORKING.	we note;		

	ROUTE: CVIQUO -		·		DATE:	119106	
	LOCATION: Campb	ellRd					
,	FIELD CREW: UV	_00					
					FRAMES:_		-
	STREAM CROSSING I	DATA		•			
	CHANNEL ID	TOVISUO					
	NAME (or trib. to)	CVIAYA		BARSO		NIBSU	
	TYPE OF STREAM	Dry Bro		Dry Bro			
	PEREN/INTERMIT	WL Drain		NA	T -	ietland drai	in
	WIDTH (obser/ohw)	Bo" / 10)-la"	Intermo	<u> </u>	termit	
	DEPTH (obser/ohw)		-10	46,13	100-00		
	FLOW RATE	DN	-10	6-121/12	3-36" N		
	FLOW DIRECTION	West	······································	Stagnant			
	SUBSTRATE	MA		Buck/So		est	
	BANK VEGETATION	MA	·	Harla 1	and Na		
	1 = Dry/Stagnant/Low/Medium	/High	BR	1920	shrubdal	4	
	SKETCH: 36 CPP (9 -1	.4.2.0		CVIAS	P
	and the second s	- Land		\downarrow	ス	CVIAS	<1 -
			× A		 *	Pov :	Jun
√ → F	ISH AND WILDLIFE OB	of QUIL	XB	* : 1	*	*	Demphell Hol
_	coas + Fish	SERVATIONS)			A
CANMA-	OTES 360 CPP CUlvert n	ins Luiden	Compo	ell Rd Co	ometing D	ECWL CU	naya AR
B Waso 1	Bridge - Associate	d W/ Int	ermit	Stream.	+ DEC IN	Pa OSA	1 /o
CVIAST	8 CPD - (1) L day	váca f	- O	T. (10.5		= 001930 i	n/B

ROUTE: DATE: 5-31-67 LOCATION: WHILM (VIYDOA B/C) FIELD CREW: RD (SC/LP) FRAMES: Pholo 12 Sal	•				
LOCATION: WHELAND (VILODA + B/C) FIELD CREW: RD / SC/LP FRAMES: Photo 12 Fam Photo 13 Fam Photo	ROUTE:		DATE:	5-31-67	
FIELD CREW: RD / SC / P FRAMES: Phob 17 San Photo 17 San Photo 17 San Photo 18 San	LOCATION: WEHLAND	(V1400A+B/C	ROLL NO:		
CHANNEL ID CHANNEL ID CV [400A - STA CV [400B - ST] NAME (or trib. to) TYPE OF STREAM PEREN/INTERMIT WIDTH (obser/ohw) Le " / 1-1					
CHANNEL ID CHANNEL ID CVIUWA - STA CVIUDOB - ST NAME (or trib. to) TYPE OF STREAM PEREN/INTERMIT WIDTH (obser/ohw) Le " FI I I J J DEPTH (obser/ohw) Le " I I J J FLOW RATE Stagnant Stagnant FLOW DIRECTION SUBSTRATE MUCK / ROCK MUCK BANK VEGETATION PEM AA RASHUYC T = Dry/Stagnant/Low/Medium/High SKETCH: CVIUWO - FI FI STAR FOR				Dlanka 12 Cours	
NAME (or trib. to) TYPE OF STREAM PERENINTERMIT WIDTH (obser/ohw) Le " / f-l f-l 3f+ 3f+ DEPTH (obser/ohw) FLOW RATE CHANANT FLOW DIRECTION SUBSTRATE MUCK / ROCK BANK VEGETATION PEM AA PASTUYE CVIHOO-STR-1 CVIHOO-STR-1 STAR RORD STA	STREAM CROSSING DA	ATA		MOTO POLACCI	
NAME (or trib. to) TYPE OF STREAM PEREN/INTERMIT WIDTH (obser/ohw) Le " / 1 - 1 - 1 - 3 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4	CHANNEL ID	CV1400A-STA	CV1400B-ST		
PERENINTERMIT INTERMIT INTERMIT WIDTH (obser/ohw) Le " If-	NAME (or trib. to)				
WIDTH (obser/ohw) Le " F-	TYPE OF STREAM				
WIDTH (obser/ohw) Le " F-	PEREN/INTERMIT	INTERMIT	INTEDMIT		
DEPTH (obser/ohw) FLOW RATE FLOW DIRECTION SUBSTRATE BANK VEGETATION PEM AN Pasture CV1400-8-1 CV1400-8-1 ES BY CV1400-8-1 ES ES ES ES ES ES ES ES ES E	WIDTH (obser/ohw)		1 - /		
FLOW DIRECTION SUBSTRATE MUCK / ROCK BANK VEGETATION PEM An Pasture T= Dry/Stagnant/Low/Medium/High SKETCH: CVIHOO-ETF-1	1				
SUBSTRATE MUCK / ROCK BANK VEGETATION PEM AD Pasture CVIHOO-STR-1 CVIHOO-STR-1 CVIHOO-STR-1 CVIHOO-STR-1 STAR ROAD STAR ROAD STBI BIO STAR STA	FLOW RATE 1	Stagnant			
BANK VEGETATION PEM AN PASTUYE = Dry/Stagnant/Low/Medium/High SKETCH: CV1400-8-1	FLOW DIRECTION		NI		
BANK VEGETATION PEM And Pasture CV1400-STR-1 CV1400-STR-1 CV1400-STR-1 CV1400-STR-1 CV1400-STR-1 STAR ROAD STB1 STB1 STB1 STB2 CV1400-C-1 STB2 CV1400-C-1	SUBSTRATE	MUCK /ROCK	Muck		
SKETCH: CV1400-STR-1 CV1400-STR-1 CV1400-STR-1 CV1400-STR-1 ARR RS RS RS RS RS RS RS RS R	BANK VEGETATION				
CVIHOO-STA-I CVIHOO-STA-I AS AS AS AS AS AS AS AS AS A	= Dry/Stagnant/Low/Medium/	High	- rasture		
TISH AND WILDLIFE OBSERVATIONS	B3 B4 B2	P2 X P3 X P4 X P4 X P4 X P4	BIG A COLUMN BIG A X X OPEN C2	UNDER STAR ROAD	
IOTES		BSERVATIONS		And the same of th	

ROUTE: interconn	ect Sof star Rd	DATE: 5-3	1-07
LOCATION:	'	ROLL NO:	And the state of t
FIELD CREW: RD	LS(/ LP	FRAMES: Phot	2 14 face S
STREAM CROSSING I	DATA		
CHANNEL ID	AR371-A-ST		
NAME (or trib, to)			
TYPE OF STREAM		-	-
PEREN/INTERMIT	INTERMIT		
WIDTH (obser/ohw)	2-F4./4 F4	1	
DEPTH (obser/ohw)	21"/24		
FLOW RATE 1	Stagnant	:	
FLOW DIRECTION	N		
SUBSTRATE	Pock, gravel		
BANK VEGETATION T = Dry/Stagnant/Low/Medium	PEM Pasture		
	AR371-A-		PREVIOUS STREAN FR371-A
OTES Stream: Grig Yoad Colvert		line and terminate	s at

ROUTE: 10371 1	4-ST	DATE: 12/20/06	ne alle alle alle alle alle alle alle al
LOCATION: Star	Rd.	ROLL NO:	
FIELD CREW: RD	\mathcal{N}	FRAMES: $\hat{J} = > N$	
***************************************	Y	PRAIVES: 0 => 10	·····
STREAM CROSSING	DATA		
CHANNEL ID	1140-1		
NAME (or trib. to)	1C371 A - ST		
TYPE OF STREAM			
PEREN/INTERMIT			
WIDTH (obser/ohw)	Intermit		
DEPTH (obser/ohw)	113-a4/a4"		
FLOW RATE T	1.5" / 3"	•	
FLOW DIRECTION	DW.		
SUBSTRATE	North		
BANK VEGETATION	Silts		
= Dry/Stagnant/Low/Medius	Herbs		
	_	Star Rd.	
SKETCH:	16	Star Rd , culvert ; & fence	
12-1		culvert 1	
(Did NOT Rea	entverte		
IPS ON North	W		
de of Rd.			
. 1	.)	\t : \t \t	163
<u> </u>	5		
		4-0	X
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NONE

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Atream occurs within DEC mapped we.

ROUTE: IC b	w 31 + 36A	DATE:	5-30-07	·
LOCATION: Wetla		ROLL N		
FIELD CREW: 2D	/SC/LP			SIN ISTATI
		rkawe	S: Photo 3-Face Photo 4 face	NE CETER
STREAM CROSSING D	ATA		Thoras Tace	NE DIV
CHANNEL ID	EC71402-5+A	ICTIYAB-STB		1
NAME (or trib. to)		JULIAD SID		-
TYPE OF STREAM				-
PEREN/INTERMIT	PEREN	INTERMIT		-
WIDTH (obser/ohw)	3ft/8ft.	2F1/5F1.		-
DEPTH (obser/ohw)	10"/ZF+	4"/154.	•	-
FLOW RATE 1	Low	Stagnant		·
FLOW DIRECTION	SW	350		-
SUBSTRATE	Sand/Muck	Muck		
BANK VEGETATION	PSS	255		-
1 = Dry/Stagnant/Low/Medium		× 87	^	
ISH AND WILDLIFE O Minnows; gree Yaccoon prints	BSERVATIONS EN Frog; Water	KEZ KEI KEI KEI KEI KEI KEI KEI	ver chews;	-
OTES				-
				- -

		•	-1:1	
ROUTE:		DATE:_	5/16/06	•
LOCATION: TO	714A	ROLL N	O:	
FIELD CREW: BQ	-RJ	FRAMES	11	٠ ,
		1 IVI MIVILL	JAKE J	
STREAM CROSSING DA	ATA		μ/ νω .	
CHANNEL ID	IC714A			
NAME (or trib. to)				•
TYPE OF STREAM				
PEREN/INTERMIT	peren.			
WIDTH (obser/ohw)	6-8"			
DEPTH (obser/ohw)	3-4' / 5'	:	•	
FLOW RATE 1	low-medium	***************************************		
FLOW DIRECTION	W	·		
SUBSTRATE	51,5A gavel			
BANK VEGETATION	em scrub			-
1 = Dry/Stagnant/Low/Medium	High	,		
SKETCH:	A	AZ AZ AZ	· liae	
FISH AND WILDLIFE OF Lower Observed NOTES large wetland		ge of strom;		_
				•

STREAM DATA FORM

TURBINE: LOCATION: TC FIELD CREW:	7.27		DATE:	5/22/06
LOCATION:	+ //_			
	7		ROLL NO);
FIELD CREW:	BQ-RT		FRAMES	: photo 3 4
STREAM CROSSING I	DATA			
CHANNEL ID	IC 726 A			
NAME (or trib. to)		****		
PEREN/INTERMIT	Deren.			
WIDTH (obser/ohw)	20-40' (ohw)			
DEPTH (obser/ohw)	1-4' (ohw)			
FLOW RATE T	high			
FLOW DIRECTION) (E			······································
SUBSTRATE	gravel/colober	· · · · · · · · · · · · · · · · · · ·		······································
BANK VEGETATION	PFOI			
= Dry/Stagnant/Low/Medium	m/High			
3 5T2b	571a	STA-)	57A·2	-interconnec
ISH AND WILDLIFE	DBSERVATIONS	- # 22		0 0
7 blave	Dems Wong	Milan	linfo	und large
NOTES				13000 MANUTE

ROUTE: Ic to h LOCATION: Mar	x636A	DATE: 7/28/06
LOCATION: Mac	ble hiver	ROLL NO: KA
FIELD CREW: K14		FRAMES: 2
		TRAINES.
TREAM CROSSING I	DATA	
CHANNEL ID	46959 A-ST	
NAME (or trib. to)	16,71	
TYPE OF STREAM	roadside disch	
PEREN/INTERMIT	marit	
WIDTH (obser/ohw)	· · · · · · · · · · · · · · · · · · ·	
DEPTH (obser/ohw)		
FLOW RATE 1	Dry	
FLOW DIRECTION	T N	
SUBSTRATE	Plant Matter	W.A.
BANK VEGETATION	PEM	71039
1 = Dry/Stagnant/Low/Medius	m/High	AAA7/3, Westland
	Water	- Regs9A-ST Croed side) ditch
ISH AND WILDLIFE (ORSERVATIONS	
THE PERSON OF TH	JULIA VALIONS	
OTES		

ROUTE: Marble D	liver	DATE: 7/28/26
LOCATION: Whalen	ad	ROLL NO: KH
FIELD CREW: 1524		FRAMES: 3
STREAM CROSSING D	DATA	
CHANNEL ID	IC-960A-ST	
NAME (or trib. to)		
TYPE OF STREAM	road side ditch	
PEREN/INTERMIT	Intermit	
WIDTH (obser/ohw)	L5-94	
DEPTH (obser/ohw)	0	
FLOW RATE 1	PM	
FLOW DIRECTION	1 1/10	
SUBSTRATE	Plant Moster	
BANK VEGETATION	PEM	
T = Dry/Stagnant/Low/Mediur	n/High	
SKETCH:	Whater	TC960A-ST Croad side ditah
ISH AND WILDLIFE (OBSERVATIONS	
IOTES		

PROJECT: Marki	STREAM		Thelas
OWNER/APPLICANT:	britan hand Power LLC	LOCATION:	7/28/26 looky Rel
	Oriton wind Hower LLC		Loosy Ref
FIELD CREW: 1114	,JV	PHOTO FILE #:	KM . 4
FIELD BOOK AND PAGE:			, , , , , , , , , , , , , , , , , , , ,
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
STREAM CROSSING DATA			
CHANNEL ID	FC-961A-ST	The second secon	
NAME (OR TRIB TO)		AND THE RESERVE OF THE PARTY OF	
TYPE OF STREAM	roadside ditch	X 1	
PERENNIAL/INTERMIT .	Internit		
WIDTH (OBSERV/OHW)	3-3-7	1,1	
DEPTH (OBSER/OHW)	2 binch		
FLOW RATE 1	Stappert	11	
FLOW DIRECTION SUBSTRATE	6/1/-	į (	
BANK VEGETATION	Fill/gravel PEM		<u> </u>
DRY/STAGNANT/LOW/MEDIUM/			<u> </u>
	# + tc	961A ST ) ~ AM 958 MB	¥
	<b>I</b>	MC 1003 12	

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	war 84 -> 87 mg	DATE: 7/29/06
LOCATION: Mucho	Prilar	ROLL NO: 1/4
FIELD CREW: KA	Y, TV	FRAMES:
		TRAWILD,
STREAM CROSSING	DATA	
CHANNEL ID	IC-966A-ST	
NAME (or trib. to)		
TYPE OF STREAM	by field dearning	
PEREN/INTERMIT	Themit	
WIDTH (obser/ohw)	65 F+	
DEPTH (obser/ohw)	Ó	
FLOW RATE 1	Dru	
FLOW DIRECTION	No	
SUBSTRATE	Organics	
BANK VEGETATION	PEM	
1 = Dry/Stagnant/Low/Mediu	m/High	<u> </u>
1/0	\$574 6 3 T 3	Ay froll
	STA	Store wall
	7	C-9664-571 Ay Fold
		kan menjangan menangkan mengangkan di menjamban menjamban di menjambangkan pengan di di menjambangkan pengan d
TSH AND WILDLIFE	OBSERVATIONS	
IOTES		

	LOCATION: WOF	T. 85	ROLL NO	
	. Ø			
	FIELD CREW: الك	AP	FRAMES	<u> </u>
	STREAM CROSSING D	ATA		
	CHANNEL ID	10969 AB-ST	Bank vege	
Å .	NAME (or trib. to)	· · · · · · · · · · · · · · · · · · ·	alnus rugosa	
	TYPE OF STREAM		copiner	
	PEREN/INTERMIT	Perennal	Cintonia	
	WIDTH (obser/ohw)	6-8'/8'	dolldago	<u> </u>
79.4	DEPTH (obser/ohw)	4-8"/12"	Drumis Soutina	*
1	FLOW KATE I	Low	Bleeding Heart	
	FLOW DIRECTION	NINE	Mola sp	
	SUBSTRATE	Cobble, Sitt		
	BANK VEGETATION	PRO/PEM		
•	1 = Dry/Stagnant/Low/Medium	n/High		· · · · · · · · · · · · · · · · · · ·
∂ø	3	x X	contract	me .
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	X	102	The state of the s	The exten
	101			
F	ISH AND WILDLIFE O	BSERVATIONS		
F.		BSERVATIONS		
<b>F</b>	ISH AND WILDLIFE O	BSERVATIONS		
N N	ISH AND WILDLIFE Of Shiner, water &	ated with it	neam named 1	C969 AB
N N	ISH AND WILDLIFE Of Shiner, water &	Shappers	ican named (	
N N	ISH AND WILDLIFE Of Shiner, water &	ated with it	ream Named (	C969 AB

ROUTE: \C-Q6	94-STI	DATE:_	8/1/06	• .
LOCATION:	10 95 to 84	ROLLN	Ю:	
FIELD CREW: Sy	131	FRAME		•
FIELD CREW: OTT		TRANE		_
STREAM CROSSING DA	ATA	·	(P8010016 P8010015	).Fiknan
CHANNEL ID	1C-969 A-ST1			1
NAME (or trib. to)	Mariano, ang pagagan an			
TYPE OF STREAM				
PEREN/INTERMIT	Perennial.			
WIDTH (obser/ohw)	5′			
DEPTH (obser/ohw)	6"		*	
FLOW RATE 1	Law			
FLOW DIRECTION	NW,			_
SUBSTRATE boy dec	1006hRS Bilt			
BANK VEGETATION	Shrub'			
1 = Dry/Stagnant/Low/Medium	/High			
SKETCH:	culver+S +-+			
FISH AND WILDLIFE OF MINNOWS DO SEXTENSIVELY  NOTES  Specked at Jance-leaf	5. M Steam by deer	n. Crosena Sharpston unnyherry, s S Feive	yed h hawk of Heoplebush weed,	<u></u>
Stream 15 Photo 15 t	o - autverte to SE ) NW	d (2 cema	ent 24" cul	ver +5)

LOCATION: LOODY/Lagree Intersection  FIELD CREW: JV DR  STREAM CROSSING DATA  CHANNEL ID IC973-A-ST NAME (or trib. to) N/A  TYPE OF STREAM Road drainage  PEREN/INTERMIT Internation  WIDTH (obser/ohw) A4-48"/18-30"  DEPTH (obser/ohw) N/A/N/2"  FLOW RATE Dry  FLOW DIRECTION East  SUBSTRATE Vegetated  BANK VEGETATION Herbs			NO:		
FIELD CREW: V DR  STREAM CROSSING DATA  CHANNEL ID IC973-A-ST  NAME (or trib. to) N/A  TYPE OF STREAM ROAD drainage  PEREN/INTERMIT INTERMIT  WIDTH (obser/ohw) 84-48"/18-30"  DEPTH (obser/ohw) N/A/~12"  FLOW RATE Dry  FLOW DIRECTION East  SUBSTRATE VLQCLated  BANK VEGETATION HC/bS  T= Dry/Stagnant/Low/Medium/High					
CHANNEL ID  NAME (or trib. to)  TYPE OF STREAM  PEREN/INTERMIT  WIDTH (obser/ohw)  DEPTH (obser/ohw)  FLOW RATE  FLOW DIRECTION  SUBSTRATE  BANK VEGETATION  TYPE OF STREAM  POUR ATE TO THE TOTAL  TO					
CHANNEL ID  NAME (or trib. to)  TYPE OF STREAM  PEREN/INTERMIT  WIDTH (obser/ohw)  DEPTH (obser/ohw)  FLOW RATE  FLOW DIRECTION  SUBSTRATE  BANK VEGETATION  TYPE OF STREAM  POUR AT STREAM  P					
NAME (or trib. to)  TYPE OF STREAM PEREN/INTERMIT WIDTH (obser/ohw) DEPTH (obser/ohw) FLOW RATE FLOW DIRECTION SUBSTRATE BANK VEGETATION TEAST TEAST TEAST TEAST TOTAL T					
NAME (or trib. to)  TYPE OF STREAM PEREN/INTERMIT  WIDTH (obser/ohw)  DEPTH (obser/ohw)  FLOW RATE  FLOW DIRECTION  SUBSTRATE  BANK VEGETATION  TO THE TOTAL					
TYPE OF STREAM  PEREN/INTERMIT  WIDTH (obser/ohw)  DEPTH (obser/ohw)  FLOW RATE  FLOW DIRECTION  SUBSTRATE  BANK VEGETATION  Table 1  The rait  Th					
PEREN/INTERMIT  WIDTH (obser/ohw)  DEPTH (obser/ohw)  FLOW RATE  FLOW DIRECTION  SUBSTRATE  BANK VEGETATION  Table 1  Dry  Herbs  PEREN/INTERMIT  The real real real real real real real rea					
WIDTH (obser/ohw)  DEPTH (obser/ohw)  FLOW RATE  FLOW DIRECTION  SUBSTRATE  BANK VEGETATION  T= Dry/Stagnant/Low/Medium/High					i i
DEPTH (obser/ohw)  FLOW RATE   Dry  FLOW DIRECTION  SUBSTRATE   Vegetated  BANK VEGETATION   Herbs					
FLOW RATE Dry FLOW DIRECTION East SUBSTRATE Vegetated BANK VEGETATION Herbs  T= Dry/Stagnant/Low/Medium/High			<u>                                     </u>		
FLOW DIRECTION East  SUBSTRATE Vegetated  BANK VEGETATION Herbs  T= Dry/Stagnant/Low/Medium/High		<u></u>	1		
SUBSTRATE Vegetated  BANK VEGETATION Herbs  T= Dry/Stagnant/Low/Medium/High					
BANK VEGETATION HC/bS					
= Dry/Stagnant/Low/Medium/High					
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			Existing IC97a	A	
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IC97AA-ST /	V		1		
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SH AND WILDLIFE OBSERVATIONS					
one observed					
			······································	· · · · · · · · · · · · · · · · · · ·	
	·	·	<del>*************************************</del>		
OTES	:	,	<b>.</b>		
aintained Road drainag vegetation i	NCLU	<u>dez</u>	Misc.	unk	grasse
and drawage Connects to JC972	10	mitc	Hum, f	Otenial	laum
and Milania Connected TO 11912			····	<del></del>	

CHANNEL ID IC 977 A - ST  NAME (or trib. to)  Annamed  TYPE OF STREAM  Swail  PEREN/INTERMIT  Intermit  WIDTH (obser/ohw)  DEPTH (obser/ohw)  NA / 13"  FLOW RATE I  Dry  FLOW DIRECTION  South  SUBSTRATE  Sediment/Soil  BANK VEGETATION  Herb  I = Dry/Stagnant/Low/Medium/High  SKETCH:  PAT NUDE ROAD  AR9778  SH AND WILDLIFE OBSERVATIONS	ROUIE: 1114-	······································	DATE	:8-3-06	
CHANNEL ID IC 971A - ST  NAME (or trib. to) Annamed  TYPE OF STREAM Swail  PERENINTERMIT IC Nternit  WIDTH (observohw) AT' / 48  DEPTH (observohw) NA / 12"  FLOW RATE Dry  FLOW DIRECTION South  SUBSTRATE Sediment/Soil  BANK VEGETATION Herb  - Dry/Stagnant/Low/Medium/High  SKETCH:  CARRET SEDIMENT SE	LOCATIONIC bH	turbine 62+206			
CHANNEL ID IC 971A - ST NAME (or trib. to) Annamed TYPE OF STREAM Swail PERENINTERMIT IC Ntownit WIDTH (obser/ohw) 24" / 48 DEPTH (obser/ohw) NA / 13" FLOW RATE DY FLOW DIRECTION South SUBSTRATE Sediment/Soil BANK VEGETATION Herb TD Dy/Stagnant/Low/Medium/High  SKETCH:  PAT NUDE ROAD  AR9778  SH AND WILDLIFE OBSERVATIONS	FIELD CREW:	Sm IV			
CHANNEL ID IC TITA-ST  NAME (or trib. to)  Annamed  TYPE OF STREAM  Swail  PEREN/INTERMIT  Undermit  WIDTH (obser/ohw)  DEPTH (obser/ohw)  NA / 12"  FLOW RATE I  Dry  FLOW DIRECTION  South  SUBSTRATE  Sediment/Soil  BANK VEGETATION  Herb  I = Dry/Stagnant/Low/Medium/High  SKETCH:  PAT NUDE ROAD  AR971B  TC'  SH AND WILDLIFE OBSERVATIONS				LLAD .	
NAME (or trib. to)  TYPE OF STREAM  Swail  PERENINTERMIT  Lintermit  WIDTH (obser/ohw)  DEPTH (obser/ohw)  NA / 12"  FLOW RATE!  Dry  FLOW DIRECTION  South  SUBSTRATE  BANK VEGETATION  1- Dry/Stagnant/Low/Medium/High  SKETCH:  PAT NODE ROAD  AR971B  AR971B  TC  SH AND WILDLIFE OBSERVATIONS	STREAM CROSSING I	DATA	·		
NAME (or trib. to)  TYPE OF STREAM  PEREN/INTERMIT  Untermit  WIDTH (obser/ohw)  DEPTH (obser/ohw)  NA / 13'  FLOW RATE 1  Dry  FLOW DIRECTION  SOUTH  SUBSTRATE  Sediment/Soi)  BANK VEGETATION  Herb  - Dry/Stagnan/Low/Medium/High  SKETCH:  DAT NUDE ROAD  AR9778  AR9778  SH AND WILDLIFE OBSERVATIONS	CHANNEL ID	IC 97] A - ST			· ·
PERENINTERMIT Entermit WIDTH (obser/ohw) 24" / 48" DEPTH (obser/ohw) NA / 13" FLOW RATE Dry FLOW DIRECTION South SUBSTRATE Sediment/Soil BANK VEGETATION Herb T= Dry/Stagnant/Low/Medium/High  SKETCH:  PAT NUDE ROAD  AR977B  AR977B  AR977B	NAME (or trib. to)				
PERENINTERMIT Entermit WIDTH (obser/ohw) 24" / 48" DEPTH (obser/ohw) NA / 13" FLOW RATE   Dry FLOW DRECTION South SUBSTRATE Sediment/Soil BANK VEGETATION Herb = Dry/Stagnant/Low/Medium/High  SKETCH:  PAT NUDE ROAD  AR977B  AR977B  SH AND WILDLIFE OBSERVATIONS	TYPE OF STREAM				
WIDTH (obser/ohw)  DEPTH (obser/ohw)  NA / 12 ''  FLOW RATE '  Dry  FLOW DIRECTION  SOUTH  SUBSTRATE  BANK VEGETATION  Herb  Dry/Stagnant/Low/Medium/High  SKETCH:  PAT NUDE ROAD  AR9718  SH AND WILDLIFE OBSERVATIONS	PEREN/INTERMIT				
DEPTH (obser/ohw) FLOW RATE   Dry FLOW DIRECTION South SUBSTRATE Sediment/Soil BANK VEGETATION Herb	WIDTH (obser/ohw)				
FLOW DIRECTION SOUTH SUBSTRATE Sediment/Soil BANK VEGETATION Herb  - Dry/Stagnant/Low/Medium/High  SKETCH:  PAT NUDE ROAD  AR977B  AR977B  AR977B  AR977B			<u></u>		
SUBSTRATE Sediment/Soil BANK VEGETATION Herb  T= Dry/Stagnant/Low/Medium/High  SKETCH:  PAT NUDE ROAD  AR971B  AR971B  SH AND WILDLIFE OBSERVATIONS	L				
SUBSTRATE  BANK VEGETATION  Herp  Dry/Stagnant/Low/Medium/High  SKETCH:  PAT NUDE ROAD  AR971B  AR971B  SERVATIONS	FLOW DIRECTION				
BANK VEGETATION   +(erb)  - Dry/Stagnant/Low/Medium/High  SKETCH:  PAT NUDE ROAD  AR977B  AR977B  AR977B  AR977B	SUBSTRATE				
PAT NUDE ROAD  PAT NUDE ROAD  AR9778  AR978  AR		Herh			
PAT NUDE ROAD  AR971B  AR971B  ISH AND WILDLIFE OBSERVATIONS	1 = Dry/Stagnant/Low/Medium	n/High			
AR977B  IC  SH AND WILDLIFE OBSERVATIONS  OTES		DAAO		Turbine	
SH AND WILDLIFE OBSERVATIONS OTES		PATINODE NON	Δ,	/ · · · · · · · ·	
SH AND WILDLIFE OBSERVATIONS OTES		7			
OTES	AR9778				-
OTES	IC			t tillman tille i setterakum tillfötta kilomente til et sitte om kall geste bode.	нд т. 2000 Мараду д Этоградия
OTES áriety of Grass SP, impatiens capensis, Onoclea sensibilis.	SH AND WILDLIFE O	BSERVATIONS		• .	
OTES Cariety of Grass SP, impatiens capensis, Onoclea sensibilis	**************************************		······································		
ariety of Grass St. impatiens capensis, Onoclea sensibilis.	· · · · · · · · · · · · · · · · · · ·				
ariety of Grass SP, impatiens capensis, Onoclea sensibilis.	OTES				•
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ROUTE: IC 977C-ST	DATE: 8-3-06
LOCATIONIC B/T turbine 62+206	ROLL NO:
LOCATIONIC B/T turbine 62+206 AR along fatnode Rd FIELD CREW: Sm OV	FRAMES:
TREAM CROSSING DATA	
CHANDEL ID	······································
CHANNEL ID	
NAME (or trib. to)	•
TYPE OF STREAM	
PEREN/INTERMIT	
WIDTH (obser/ohw)	
DEPTH (obser/ohw)	
FLOW RATE ¹	
FLOW DIRECTION	
SUBSTRATE	
BANK VEGETATION	
¹ = Dry/Stagnant/Low/Medium/High	•
KETCH:	
	N =
	( '
Portnode Rd.	
Alo.	
	- Committee - Comm
IC 9770 /	
and the second	
SH AND WILDLIFE OBSERVATIONS	
OTES	
Variety Grass sp., impatiens cap	ionsis andclop sensiti
mariery with the second second	200000000000000000000000000000000000000

TREAM CROSSING I	DATA			
CHANNEL ID	IC978C-ST			
NAME (or trib. to)	unramed			
TYPE OF STREAM				
PEREN/INTERMIT	Intermit			
WIDTH (obser/ohw)	34"/48"	**************************************		
DEPTH (obser/ohw)	3"/12"/10"			<del> </del>
FLOW RATE 1	Stagnant			,
FLOW DIRECTION	North			······································
SUBSTRATE	Spil	(		
BANK VEGETATION	Herb			
	6			: pkr-
en da las la la companya da companya da companya d	De reconstruire de la construire de la c		ğ I	c978
e e	OBSERVATIONS			N —
SH AND WILDLIFE (				

LOCATION: OH. East Of T. 67-A	DATE: 5/2/07		
	ROLL NO:		
IELD CREW: VY AP	FRAMES: 3=7E		
REAM CROSSING DATA			
HANNEL ID ICIOCLO A ST			
AME (or trib. to)			
YPE OF STREAM			
EREN/INTERMIT Intermit			
/IDTH (obser/ohw) 3 ¹ /3 ¹			
EPTH (obser/ohw) 5"/4"			
LOW RATE 1			
LOW DIRECTION North			
UBSTRATE SILE			
ANK VEGETATION NA			
Dry/Stagnant/Low/Medium/High	t		
ETCH:			
EICH;			
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	-> Wetland 100		
Existing .	A CONTRACTOR OF THE PARTY OF TH		
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3)——/>			
I AND WILDLIFE OBSERVATIONS			
THE WILDLIFE ODDERVATIONS			
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one observed			
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DINE Observed  PES	ia, grass will Flow a		
one observed Es	ia, grass wiji Flow a		

ROUTE: IC	tu Pomode	& & R DATE	:7/12/06	-
LOCATION:	•	ROLL		
FIELD CREW	) SC	FRAM		<u>Surt</u>
STREAM CROSSING I	DATA	,		
CHANNEL ID	IC1006A-51	-/		***************************************
NAME (or trib. to)				
TYPE OF STREAM				<del></del>
PEREN/INTERMIT	Int-			
WIDTH (obser/ohw)	DIA /31			
DEPTH (obser/ohw)	NA 18"		· · · · · · · · · · · · · · · · · · ·	
FLOW RATE 1	TOTA			
FLOW DIRECTION	NOKTH			
SUBSTRATE	Siltioam			
BANK VEGETATION	FURESTOS			
1 = Dry/Stagnant/Low/Mediu	m/High			
<b>БКЕТСН:</b>		Cloub A	. <i>/</i>	1 Now
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		155	1	
		64	JC J	
ISH AND WILDLIFE	OBSERVATIONS			
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uz beat h	roe clear)	U ICNA 7	Dehis	

ROUTE: TCIOIST			DATE: 10/10/06	
LOCATION: IC N	CT. 175		ROLL NO:	
FIELD CREW: 1B	<u> </u>		FRAMES:	
STREAM CROSSING I	PATA			
CHANNEL ID	ICIONANO-ST			
NAME (or trib. to)	MARCINE			
TYPE OF STREAM				
PEREN/INTERMIT	PEREN			_
WIDTH (obser/ohw)	12-56"/18-60	· · · · · · · · · · · · · · · · · · ·	**************************************	
DEPTH (obser/ohw)	18-36 120-40			_
FLOW RATE 1	MEDIUM			_
FLOW DIRECTION	West			-
SUBSTRATE	Sand/araye)			
BANK VEGETATION	Hero Astrody I			_
1 = Dry/Stagnant/Low/Mediun	√High	<u> </u>		
KETCH:  A Y  BY	A3 & X X B3	AQ X X BQ	Al X  All  X  BI	
SH AND WILDLIFE O JONE OBSERVED	BSERVATIONS	2	-Existing Access	4
OTES Stream Cros		esionn of cu	g AR + Associ	<u>-</u>

ROUTE: IC 1300		DATE: 10/9/00	0
LOCATION: IC (	N OF T.45	ROLL NO:	
FIELD CREW: IB	٧٤		
		FRAMES:	
STREAM CROSSING	DATA		
			-
CHANNEL ID	101300 A/B ST		
NAME (or trib. to)	Trib. to Dry Brook		
TYPE OF STREAM			· · · · · · · · · · · · · · · · · · ·
PEREN/INTERMIT	PEREN		······································
WIDTH (obser/ohw)	36-60"/24-12"		***
DEPTH (obser/ohw)	10-30" / 12-50"		in the second
FLOW RATE 1	MEDIUM		P++
FLOW DIRECTION	Booth		
SUBSTRATE	Cobble/Pebble		<u> </u>
BANK VEGETATION	WoodyTHerb		
1 = Dry/Stagnant/Low/Mediu	m/High		
<b>A</b>	A4 X	X 8a X 8a	
ISH AND WILDLIFE C Fras + Toads Otes		X	-
-UP Mac, Sol	and Alexander and Control	rub, with len, Ane.	

		DATE: 9 - 6 - 06
	M La Francis to 8	ROLL NO:
FIELD CREW: DR, B		FRAMES: 1 = > 5
•		1
TREAM CROSSING D	ATA	
CHANNEL ID	haus Ma St	
NAME (or trib. to)	0H110-A/B-ST	
TYPE OF STREAM	Mak	
PEREN/INTERMIT	INTERMET	
WIDTH (obser/ohw)	12-48.1/12-24"	
DEPTH (obser/ohw)	NA / 6-12"	
LOW RATE 1	Dry	
LOW DIRECTION	North	
SUBSTRATE	Cobble + Silt	
BANK VEGETATION	wetland herbs	
= Dry/Stagnant/Low/Medium	WHigh	
A.57	j	a-51-5
ے کے SH AND WILDLIFE C	CRA NOIS CONT	B-51-5 B-573 B-57-5 B-57-5 B-57-5
4 A	I ERANCIS ROAD	. 1

ROUTE: DVEYY	read	DATE	: 5-31-07
LÔCATION: Wella	NA OHITOO-ABO		
FIELD CREW: R	D/SC/LP		TES: Photo 7 face S
		I.IVAIA	Photo & Carlo
TREAM CROSSING	DATA		Photo & Face M
CHANNEL ID	OH1120-STA	0H1120-5TB	OHIIZO-STC
NAME (or trib. to)			
TYPE OF STREAM		·	
PEREN/INTERMIT	PEREN	INTERMIT	
WIDTH (obser/ohw)	3ft/5ft	2-f+/4f+	
DEPTH (obser/ohw)	1ft /1 5ft	4"/15+	<b>a</b>
FLOW RATE 1	LOW	Low	
FLOW DIRECTION	<u> </u>	LNW	
SUBSTRATE	Muck	Muck 180	ck
BANK VEGETATION	L PSS / PFD	PSS/PFD	
= Dry/Stagnant/Low/Mediu	m/High		
KETCH:		/	N
•	, 6H1120-ST	A /	
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•	XXX 13 12	/	
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, 01	11120-STB (		
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	34 ×	5 14	
	12 X X	, , ,	
	7	X	
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7			
U AND WILLDE LOT			Ping
HAND WILDLIFE C	BSERVATIONS		Υ.
1 Days			
res			
<u>Originates</u> at	beaver dam (OH	11120-STA1)	
Stream termina	ites at phen	atal end inset	and (OHIIZA-CTI
Stream diskun	roll to open i	vater of well	Md Calle 2a can
resnot all of 6	H1176-STA; &	newly delinea.	Kd STB 15tc
zhoon or: 100	ara or Dana	e patrico (Den	dofa) (04/120-51)
	ns in wetlands		

#### STREAM DATA FORM

PROJECT: Markle River
TURBINE: Transmission Line
LOCATION: Cinton Co. 24
EIELD CREW BAO - DA

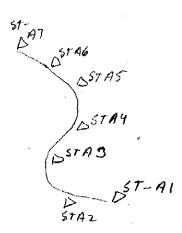
CLIENT: 10-16 2. V.C.
DATE: 9-8-06 

#### STREAM CROSSING DATA

CHANNEL ID	OH USO STA	
NAME (or trib. to)	NONE	·
PEREN/INTERMIT	int,	
WIDTH (obser/ohw)	3-6/71014	
DEPTH (obser/ohw)	11/	
FLOW RATE 1	Low	
FLOW DIRECTION	5-> N	
SUBSTRATE	mid.	
BANK VEGETATION	P99	

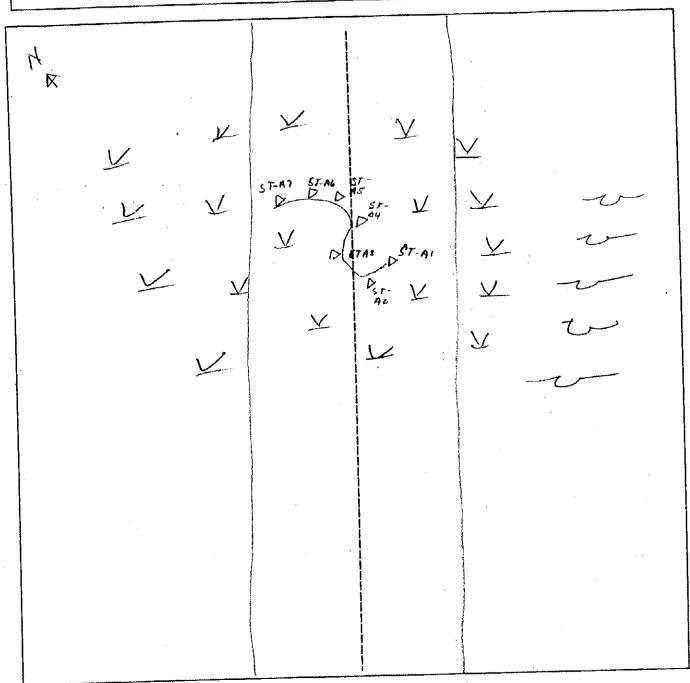
= Dry/Stagnant/Low/Medium/High

#### SKETCH:



orgil		
+ flood 50	tome large u	relland order is floode.

Wetland ID/Route #:	Date: 9/08/06 Time: 5:00
Intials of Delineators: DR/BQ	Location: overhead from 447
Roll #: Frames:	



		Legend	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
0	Photo Location/Direction			Wetland
	Sample Station		-15	Upland
	·			Stream
AND THE PARTY NAMED AND TH	Centerline			
	Flag		-	Intermittent Stream
1				

2	10/17/06	DATE	-A-ST	ROUTE: DH1333
	iO:	ROLL	rom Rt.11 to Bl	LOCATION: OH f
	:	FRAM		FIELD CREW:
	•	a de la companya de	DATA	REAM CROSSING
			OHI34A-A-ST	CHANNEL ID
,			lunk	NAME (or trib. to)
			Road drainage	TYPE OF STREAM
			Intermit Dramage	PEREN/INTERMIT
<u> </u>			12-24"/18-24"	WIDTH (obser/ohw)
· .			NA / 8 12"	DEPTH (obser/ohw)
<del></del>			Dry	LOW RATE 1
<del></del>	<u> </u>		North	FLOW DIRECTION
			Cobbie/Herbs	SUBSTRATE
			Moody/Habs	BANK VEGETATION
····	<u> </u>		IMUUY/FROS	= Dry/Stagnant/Low/Medi
	<b>&amp;a7</b>	<b>X</b> 10	3 4x. 1x3	
			6	041399 Y-8
				SH AND WILDLIFE NONE OBSER
ing	nite lexistion	der Pit II 1	drainage runs w 827 A/B/C	ntes Intermit road WL DUTKE IC
-			BAT A 1B1C	Mr Date Ic

Intials of Delineators:  IN AP  Roll #: Frames:  What 4 by ALOS Lacinan West toward and	
Roll #: Frames:	
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N Reads	\
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P4 O Photo Location/Direction Wetland	
Sample Station Upland	
Centerline Stream  Flag	

Wetland ID/Route #: RD 3,4,50 and RO34,5w	Date: Time: 7-21-06
Intials of Delineators:	Location:
TV BR	Interconnect to turbine 17
Roll #: Frames:	(
	, 2
	7 5 / /
West (m)	g ast (e)
* Various FACW-ORC DI	
	Jest Co
species observed in	
drainage. Refer to wetland by	0
IC 1022-1024 Data	1
Sheets for details.	3
1	1 4 1 4 3 5
+ Drainage varies in	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Substrate	7
- Culverts observed and a	± 1 1 2 5
documented.	, teath
	Surface Coulock
SO	W - 480
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Turbine 17 -	- <del></del>
<b>₹</b>	<u> </u>
Lege	
Photo Location/Direction	Wetland

	O	Photo Location/Direction	<u>Ledend</u>	Wetland
***************************************	<u> </u>	Sample Station	7/	Upland
		Centerline		Stream
	D	Flag	* *	Intermittent Stream

SKETCH FORM			
Wetland ID/Route #: アルろ	Date: Time:		
Intials of Delineators: ປ√ Αρ	Location: Merchia Road		
Roll #: Frames:	Trochis has		
	20 2 0 -		

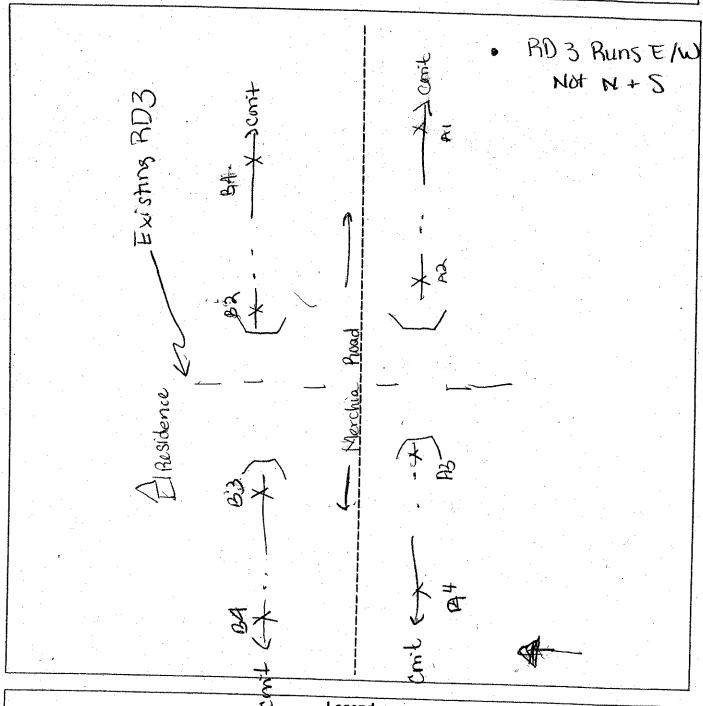


	Photo Location/Direction	Legend		Wetland
	Sample Station		75	Upland
	Centerline Flag			Stream
)	riag		<del></del>	Intermittent Stream

Wetland ID/Route #:	Date: Time:
RD3,4,50 and RO3,4,5w	7-21-06
Intials of Delineators:	Location: Interconnect to turbine 17
Roll #: Frames:	/
	<u>'</u>
mest (m)	Deast (e)
* Various FACW-OBL By	0 7
species observed in	[ ]
drainage.	
-Refer to wetland by	34 KN
IC 1022-1024 Data	
Sheets for details.	3
- Drainage varies in	Series of the se
width death and	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
width, depth and Substrate	7.
- culverts observed and \$	* * * * * * * * * * * * * * * * * * *
documented.	\$ \display \tau \tau
- Street,	Surface Culvert
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○ <b>/</b>	
# 4	
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4	<del>5</del> <
T. W. 17 (-)	7
Turbine 17 = 3	
Lege	end
Photo Location/Direction	Wetland
Sample Station	Upland
Centerline	Stream Intermittent Stream

ROUTE: RW1163 LOCATION: Rt-186 FIELD CREW: DR  STREAM CROSSING	7 + Liberty Pole Rd	DATE: <u> </u>
FIELD CREW: DR  STREAM CROSSING	,TV	KULL NU:
STREAM CROSSING	,	
		FRAMES:
	BW1163 AB-ST	
NAME (or trib. to)		
TYPE OF STREAM		
PEREN/INTERMIT	Peren	
WIDTH (obser/ohw)	au.40"/48-56"	
DEPTH (obser/ohw)	6-10"/12-24"	
FLOW RATE T	Low	
FLOW DIRECTION	West	
SUBSTRATE	Cobble + Silt	
BANK VEGETATION  1 = Dry/Stagnant/Low/Medium	Woody / Hech	
	A-ST A-STZ D	A-514
	Δ Δ	A.ST.
	3.571	D.57.3
	B-576 B-575	3-57-2
1	<del>-</del>	B-571
	•	<i>3</i> 3 , <i>t</i>
SH AND WILDLIFE OF	BSERVATIONS	

ROUTE: WTG 5A	DATE: 5/13/06
LOCATION: Stream w/200ft Schrack of	ROLL NO:
FIELD CREW: 812/bo WTG54	FRAMES: #90 Look Earl

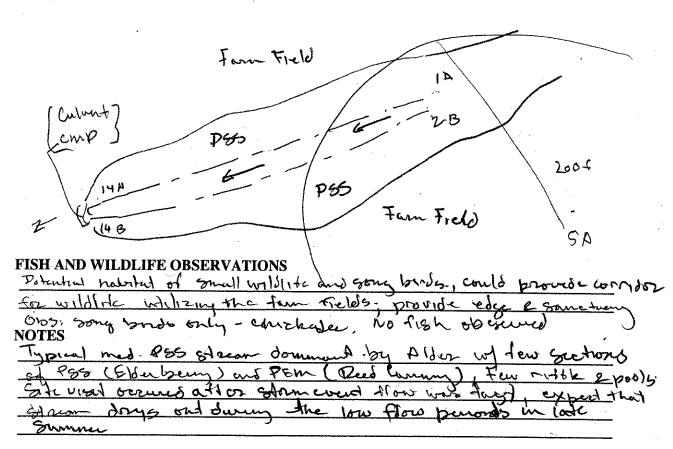
#### STREAM CROSSING DATA

CHANNEL ID	WTG SA IA/B	
NAME (or trib. to)	Unik	
TYPE OF STREAM		
PEREN/INTERMIT	Indermo	
WIDTH (obser/ohw)	5-6 A wide	
DEPTH (obser/ohw)	6"-1.5H deup	*
FLOW RATE 1	med	
FLOW DIRECTION	E to West	
SUBSTRATE	E to West Rock/Cobbee	
BANK VEGETATION	P45	

^{1 =} Dry/Stagnant/Low/Medium/High

#### SKETCH:

- Flagged both sodes of bomb wy orange flagging
SUTG 5A IN/18 thru WTG 5A 14A/14B.



FIELD CREW: K		FRAMES: 1	=> NE
STREAM CROSSING	DATA		
CHANNEL ID	Ture una cett		
NAME (or trib. to)	1010103 B SI		·
TYPE OF STREAM	<u>un named</u>		
PEREN/INTERMIT			
WIDTH (obser/ohw)	Intermit		
DEPTH (obser/ohw)	100 / 21/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 / 10/10 /		
FLOW RATE ¹	11/14 / 2/1, 1		
FLOW DIRECTION	1301		
SUBSTRATE	Journ John John		
BANK VEGETATION	OM/Leaf litter		
¹ = Dry/Stagnant/Low/Medi	um/High		
land tro	13 x 13 x 145 10		
		`	
FISH AND WILDLIFE NMC	OBSERVATIONS		
votes Drainage feat flows into we	ture from North	topo · Draine tside turbin throughouts	e buffer.

ROUTE: 1

DATE: 10 27

LOCATION:	me 127	ROLL NO:		*
FIELD CREW:	DIV		FRAMES:	33 N
	. ₹/			43 W
TREAM CROSSING DA	ATA			79 E
CHANNEL ID	UTG-1555-ST		i i	
NAME (or trib. to)				
TYPE OF STREAM	POND OUTLAND			
PEREMINTERMIT )	0			
WIDTH (obser/ohw)	1-2			
DEPTH (obser/ohw)	612121		· .	
FLOW RATE 1	men			
FLOW DIRECTION	/=>(.)	,		
SUBSTRATE	Sano /Pack			
BANK VEGETATION	Por/PSS:			
I = Dry/Stagnant/Low/Medium	/High (3)			
SH AND WILDLIFE O	BSERVATIONS	X 2 X 1	UP6-	155E
OTES  MONTES  MOULEN OA	of land	of ch	nie	Q

#### STREAM DATA FORM

PROJECT: Marbl	e River	CLIENT: Horizon Wind Power	116
TURBINE: WG	208	DATE: 5/21/06	
LOCATION:		ROLL NO: KH	
FIELD CREW: B	K, KH	FRAMES: 3	
STREAM CROSSING	DATA		
CHANNEL ID	W16206-A-ST		
NAME (or trib. to)	unknow		
PEREN/INTERMIT	Internit		
WIDTH (obser/ohw)	25ft		
DEPTH (obser/ohw)	21 mch		
FLOW RATE 1	stuggent	·	
FLOW DIRECTION	NE		
SUBSTRATE	Organis/leaves		
BANK VEGETATION	Manny Revas Sour Rock	,	
= Dry/Stagnant/Low/Medi	um/High Rout Killy	$\bigcirc$	
SKETCH:	Stonewall ST3 ATOM WT6306ASI	3	
FISH AND WILDLIFE	OBSERVATIONS		
NOTES Man mode much water.	e ditch, after a week	d own still not pooling	

SKEIC	HFORM
Wetland ID/Route #: Wb-206 - drawage disch	Date: Time: 15:40
Intials of Delineators:	Location
B12/KH	Patnode Ad Clinton Co
Roll#: Frames:  No photos tallar	
w16-206	Dital-1
	***
Dominoligier  Possible mon-made;  Situa located pourously  J.D. My K.H.	2/
	egend
Photo Location/Direction	Wetland
Sample Station	U Upland
Centerline	Stream
	- Intermittent Stream
↑ North Arrow	

FIELD CREW: RA SC FRAMES:  (Philos 0782 >) Salm  STREAM CROSSING DATA  CHANNEL ID  NAME (or this. to)  DIA  TYPE OF STREAM  CLIANA STREAM  WIDTH (obser/ohw)  FERNINITERMT  PERENINITERMT		Roman Promed		DATE: 8	12/07	
STREAM CROSSING DATA  STREAM CROSSING DATA  CHANNEL ID  NAME (or tip. to)  NAME (or tip. to)  OIA  TYPE OF STREAM  QUILAND STAM  WIDTH (obser/ohw)  FERENWINTERNIT  PERENWINTERNIT  FLOW DRATE!  LOW  FLOW DRATE!  COW  FLOW DRATE!  SUBSTRATE  SOD, Bok?  FRAMES:  (NAME (OR TIP. to)  FRAMES:  (NAME (OR TIP. to)  FRAMES:  (NAME (OR TIP. to)  NAME (OR TIP. to)  FRAMES:  (Philo 0782 > 52h  POWE O782 >	LOCATION: WE	ST S/ Terbine =	5 <del>7</del> -	ROLL NO:	MA	
STREAM CROSSING DATA  CHANNEL ID  NAME (or trib. to)  NAME (or tri		· · · ·		FRAMES:	•	
CHANNEL ID  NAME (or trib. to)  NAME (or trib. trib. to)  NAME (or trib. trib. trib. trib. trib. trib. tri				Philo of	180 => 5=	2/-
NAME (or trib. to)  OIA  TYPE OF STREAM  CLOCK STREAM  PERENINITERMIT  PEREN  WIDTH (obser/ohw)  DEPTH (obser/ohw)  FLOW RATE!  COW  FLOW DIRECTION  NOWN  SUBSTRATE  BANK VEGETATION  PER  BANK VEGETATION  TO PROVIDENT  SKETCH:  WITH AND WILDLIFE OBSERVATIONS  PROCES  NOTES  L' CUlvert (Corcinated Street)  NOTES  CONTINATED  CONTINATED  CONTINATED  CONTINATED  CONTINATED  STREET  TO CONTINATED  CONTINATED  STREET  TO CONTINATED  CONTINATED  STREET  TO CONTINATED  TO C	STREAM CROSSIN	IG DATA		philos or	183 => h	LOGIA
NAME (or trib. to)  TYPE OF STREAM  PEREN/INTERMIT  PEREN/INTE	CHANNEL ID	MET 1548 AV3-5T	A			
TYPE OF STREAM PERENINTERMIT PEREN PERENINTERMIT PEREN WIDTH (observohw)  DEPTH (observohw)  FLOW ATE!  LOW FLOW DIRECTION SUBSTRATE  BANK VEGETATION PER  BANK VEGETATION  TO THE WAY AND MET 15 TRA  FISH AND WILDLIFE OBSERVATIONS  FISH AND WILDLIFE OBSERVATIONS  PROCES  NOTES  4' Collect (Corrigant) STEEL)	NAME (or trib. to)					
PERENINTERMIT WIDTH (observohw)  WIDTH (observohw)  DEPTH (observohw)  FLOW RATE   LOW  FLOW DIRECTION NOWTH  SUBSTRATE SOND, lack ? Grace  BANK VEGETATION PEA * MET 1548 A & MET 1548 B  SKETCH:  **WORK AND MET 1548 A & MET 1548 B  MET 1548 B  TOTISUBAR-STA  FISH AND WILDLIFE OBSERVATIONS  MICHAEL  FLOGS  NOTES  4' Collect (Corrigant) STEEL)	TYPE OF STREAM					
WIDTH (obser/ohw)  DEPTH (obser/ohw)  FLOW RATE!  COW  FLOW DIRECTION  NOWTH  SUBSTRATE  BANK VEGETATION  POW  BANK VEGETATION  TO DRY/Stagnant/Low/Medium/High  SKETCH:  **WALLAND**  MET 1548A : MET 1548B  NOW  TO STEECH  **WALLAND**  MET 1548B  POW  TO STEECH  TO STAR AND WILDLIFE OBSERVATIONS  POW  TROOS  NOTES  4' Collect (Corrigant) Steech  TO STEECH  TO STAR AND STAR (CORRIGANT) STEECH  NOTES  4' Collect (Corrigant) Steech  TO STAR STEEC	PEREN/INTERMIT				· .	
FLOW RATE!  FLOW DIRECTION  NORTH  SUBSTRATE  BANK VEGETATION  PEM **  Dry/Stagnant/Low/Medium/High  SKETCH:  ** WellAND  MET 15 TRA  **  MET 15 TRA  **  MET 15 TRA  FISH AND WILDLIFE OBSERVATIONS  PROPER  FISH AND WILDLIFE OBSERVATIONS  MOTES  H' Culrent (Corringard) STEEC)	WIDTH (obser/ohw)	41/81			· Ž	
FLOW RATE!  FLOW DIRECTION NORTH  SUBSTRATE  BANK VEGETATION DEM *	DEPTH (obser/ohw)	11/21	1			
FLOW DIRECTION NORTH SUBSTRATE SAND, lack 7 67 ARC  BANK VEGETATION PEM +K  1= Dry/Stagnant/Low/Medium/High  SKETCH:  4 working met 1548A : Met 1548B  MET 1548A S  AND STATES ARCA  FISH AND WILDLIFE OBSERVATIONS  PRODES  NOTES  4' Cultural (Corrigand Steel)	FLOW RATE 1	, — ,				
BANK VEGETATION DEM *  I = Dry/Stagnant/Low/Medium/High  SKETCH:  **WELLAND MET 15 COR *  **MET 15 CORRESPONDED  *	FLOW DIRECTION	NORTH				
BANK VEGETATION PEM *  - Dry/Stagnant/Low/Medium/High  SKETCH:  + World And MET 15 48 A : ME 1548 B  - Wall And MET 15 48 A : ME 1548 B  - Wall And MET 15 48 A : ME 1548 B  - MET 15 48 A : MET 1548 B  - MET 15 48 B	SUBSTRATE	SAD, Rock ?	Grance			
SKETCH:  ** Uch And MET 15 48 A : MET 1548 B  ** WE 1548 B  ** MET 1548 A : MET 1548 B  ** MET 1	BANK VEGETATIO					
FISH AND WILDLIFE OBSERVATIONS  MIDAZO  FROGS  NOTES  4' Culvert (Corrigants Steel)	· · · · ·	*1		}×—	-× 548B	
MICHAND WILDLIFE OBSERVATIONS  MIDX20'  FROGS  NOTES  4' Culvert (Coscigned Steel)	me75B	4/2- STA			the construction and the second of the secon	40
4 Colvert (Corrigands STEEL)		FE OBSERVATIONS		-	٤	20
4 Colvert (Corrigands STEEL)	FROGS.					***************************************
BONCATH ENGLY 15' ACCOM RUAL	NOTES 4'	Culvert (a	Origano	d Ste	ec)	
	Ban	earl exity 1	S' Acc	in f	LAU	

ROUTE: ///27 10	war Accom Po	. DATE:	8/3/57	
LOCATION: Comp	eccho.	ROLL NO:		
FIELD CREW	1 SC			
	,		pholo 5 (078) 3	
STREAM CROSSING I	DATA			ンと
CHANNEL ID		Photo 6	& NOLOTA	
NAME (or trib. to)	METISSIAIN-	27 <del>/3</del>	:	
TYPE OF STREAM	010			
PEREN/INTERMIT	Culvicinos (Popis	ine Dikh	•	
	Interme			
WIDTH (obser/ohw)	2/805			
DEPTH (obser/ohw) FLOW RATE 1	1 (051	•	***************************************	
	STAGART / Day			•
FLOW DIRECTION	D/A			
SUBSTRATE	Silt & confle			
BANK VEGETATION	PEM			
1 = Dry/Stagnant/Low/Medium	VLTA [			
METIS	MET IS	MESISSIA  CAMPAGE  SIAIB-STA  Area W/FLOUS	blk Plashi Culue	<i>_</i>
FISH AND WILDLIFE O	BSERVATIONS	Nres Without		
NOTES				

ROUTE: OH WE	ST Ub (A FRANCIA	DATE: 7/19/07
LOCATION:	(1)	
FIELD CREW:		ROLL NO: //
TELD CREW:	<b>)</b>	FRAMES: photo 6 (0703) =) E
STREAM CROSSING I	DATA	phulo7 (0734) =) E
CHANNEL ID	OHITOSA-STA	0H103A.577
NAME (or trib. to)	010	OH1503 A.ST 1
TYPE OF STREAM	Rapsine diteL	1/2221/1/201
PEREN/INTERMIT	Int.	1 Koposile dital
WIDTH (obser/ohw)	21/41	11/27/3/
DEPTH (obser/ohw)	611/12	2// 2/
FLOW RATE 1	SIPGRANT	SPECIALT
FLOW DIRECTION	(NEST	1.05(3)
SUBSTRATE	muck	MARK
BANK VEGETATION	PEN	PEN
1 = Dry/Stagnant/Low/Mediur	n/High	100 5 44 211
OHISUZA-STA	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	me \$ 44 puc lust Exist Decis stream  Spring percoind  DH1503A-STB
FISH AND WILDLIFE O		24/
		Sot. St Junns Wort; LURINA; MATTAILS (T. Angustini Bla)
(1) Mex (12.0ASA	, notion leaf Go	
Gen hllrish,	Conex VIIP noides	TOE PUE WES.

CHANNEL ID	ARIS43A-STA	· · · · · · · · · · · · · · · · · · ·	
NAME (or trib. to)	unnamed		
TYPE OF STREAM	roadside ditch		
PEREN/INTERMIT	intermit		
WIDTH (obser/ohw)	1-2 / 3-4		
DEPTH (obser/ohw)	0-10"/1.5-2"		•
FLOW RATE 1	STAGNANT		·
FLOW DIRECTION	5 (based on topo)		
SUBSTRATE	HUCK		
BANK VEGETATION	early successional		
Supporting  (NAT) Vegetahr	Jecen Roas	X 2	AR1543A-
FISH AND WILDLIFE (	DBSERVATIONS	·	

STREAM CROSSING DA	TA CVIOI8-A-ST	CVIDIA A ST	CV 120 - A-ST
NAME (or trib. to)	<u> </u>	NA SI	NA NA
	WL Culvert	WL Culvert	Field/Bood drain
PEREN/INTERMIT	Enterrait	NA	NA
WIDTH (obser/ohw)	S /10-13"	18"/10-12"	30"/10-12"
DEPTH (obser/ohw)	NA / 8-10	NA 18-10"	NA / 8-10"
FLOW RATE 1	Dry	Dry	Da
FLOW DIRECTION	Dest.	West	West
SUBSTRATE	V-12	NA	AM
BANK VEGETATION  1 = Dry/Stagnant/Low/Medium/F	MA	NA	NA 30 CPP 06 E1 LU 06
· ·		1	$\gamma$
FISH AND WILDLIFE OB	SERVATIONS	CVIZIAN)	Pactrice  Pactrice  VICALLA  V

ROUTE: CV1173	DATE: 01/15/06
LOCATION: LOOBY	ROLL NO:
FIELD CREW: W	FRAMES:

#### STREAM CROSSING DATA

CHANNEL ID	CVIIT3 A-ST	€ * 11 3 · 3	1
NAME (or trib. to)	N/A	N/A	
TYPE OF STREAM	Prood dirational	, Romi Prainage	
PEREN/INTERMIT	Internat	Intermit	
WIDTH (obser/ohw)	24" / 8-10"	241/8-01	
DEPTH (obser/ohw)	N/A/ 10-10"	NA 13-0"	·
FLOW RATE 1	DO	D YV	
FLOW DIRECTION	South	South	
SUBSTRATE	N/A	NJA	
BANK VEGETATION	N/A	NA	

T = Dry/Stagnant/Low/Medium/High

5.2		SKETC	H: (	241173	
er	as confi	x U	W	DA, CLA	
Z					
· ·	4	* *		-	
100 by	1	*		and the second second second	
		4	- (	<b>Š</b> )	The second of th
(3)	f q e	<b>A</b>			
1	1	T. C.	*.	~	
	$\bigcirc 3$	•	•		

FISH AND	WILDLIFE	ORSERY	ATIONS
FISH AND	WILDLIFE	ODSERI	

1/10VIE (	UBSCYVE	<u>'c1</u>	·····		··········	 
				 <u>.</u>		 

	NOTES		
CV1173	BY COD YUNS NIZS	on Eside of Jones Rd under Looky Rd-WL	ASSUE DIX
CVIM3	24" 200 2 raps N/8	and Side of Jones Rd under cooky Rd-	1500
•			

	CVILTO A ST	CVIITI AST	CVIITA AS
NAME (or trib. to)	AWA	NA	AN
TYPE OF STREAM	Hoad dramage	Road Hamade	Prod Drawnacy
PEREN/INTERMIT	INERMIT	Intermit	<u>latermit</u>
WIDTH (obser/ohw)	10"/12"	15" /12"	18"/8-10"
DEPTH (obser/ohw)	NA/6-10"	NA / 10-10"	NA / 6-10"
FLOW RATE 1	Dry.	Dry	
FLOW DIRECTION	North	North	North
SUBSTRATE	N/A	AND	AVM
BANK VEGETATION  1 = Dry/Stagnant/Low/Medium	NIA	N/A	N/A
SKETCH:  CVIITI  SCPP  3 X  X  X  X  X  X  X  X  X  X  X  X  X	Specific And Confidence of the	X 4  X 3  X 1  X 1	30 cpp Z-cv1170
	*		

QV117A 18CP

10 whaten Ka