

IC 732-SIA.

(PREVIOUSLY DELINEATED)

7/17/10

STREAM DATA

PROJECT: MRWF  
OWNER/APPLICANT: MR, LLC  
FIELD CREW: DeLaney  
FIELD BOOK AND PAGE: \_\_\_\_\_

DATE: 7/17/10  
LOCATION: \_\_\_\_\_  
PHOTO FILE #: \_\_\_\_\_

STREAM CROSSING DATA IC 732 STA

CHANNEL ID	<u>IC732-SIA</u>		
NAME (OR TRIB TO)			
TYPE OF STREAM			
PERENNIAL/INTERMIT	<u>INT.</u>		
WIDTH (OBSERV/OHW)	<u>15'</u>		
DEPTH (OBSERV/OHW)	<u>1.5 - 2.0'</u>		
FLOW RATE	<u>DRY</u>		
FLOW DIRECTION	<u>EAST</u>		
SUBSTRATE	<u>COBBLE, GRAVEL, SILT/SAND</u>		
BANK VEGETATION	<u>UNLAD DECID</u>		

SKETCH: INCLUDE NORTH, LOCATION OF PHOTO STATION, LOCATION OF DATA PLOTS, ANY OTHER FEATURES

FEARNE PRAE, DELINEATED AT  
CROSSING - NO ADDITIONAL DELINEATION

Phosphorus 100-0007  
⇒ NE AT Crossing

FISH AND WILDLIFE OBSERVATIONS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NOTES: OLD ALIGN STAKES AT CROSSING  
\_\_\_\_\_  
\_\_\_\_\_

IC7008 ST

7/19/10

STREAM DATA

PROJECT: MRWT  
OWNER/APPLICANT: MR, UC  
FIELD CREW: DELAHUNTY  
FIELD BOOK AND PAGE: \_\_\_\_\_

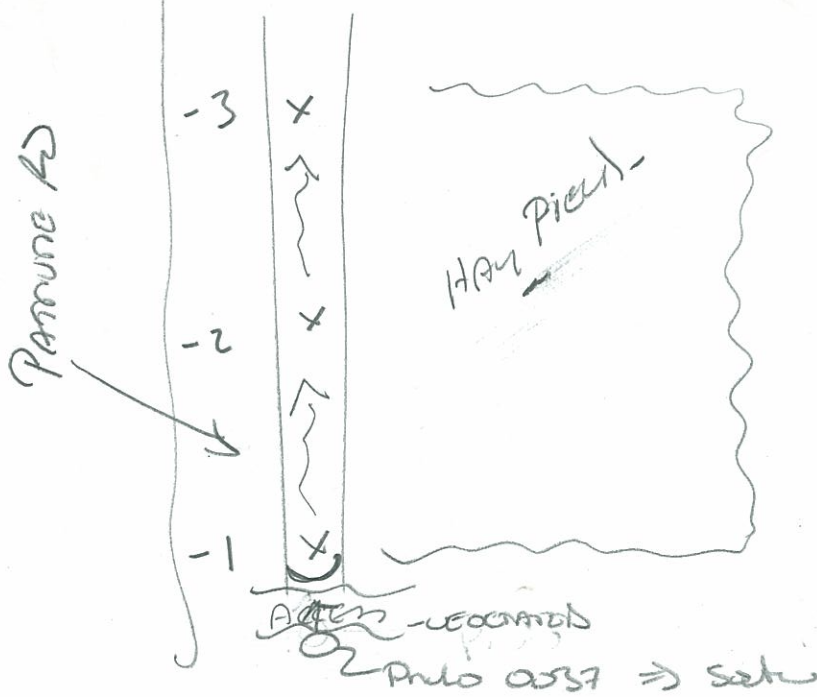
DATE: 7/19/10  
LOCATION: PATNODE ID  
PHOTO FILE #: 0037 => set

STREAM CROSSING DATA

CHANNEL ID	IC7008-ST		
NAME (OR TRIB TO)			
TYPE OF STREAM			
PERENNIAL/INTERMIT	Epithermal		
WIDTH (OBSERV/OHW)	3'		
DEPTH (OBSERV/OHW)	1.5'		
FLOW RATE	DRY		
FLOW DIRECTION	South		
SUBSTRATE	Silt loam		
BANK VEGETATION	Hay field to W Pasture to East		

1 DRY/STAGNANT/LOW/MEDIUM/HIGH

SKETCH: INCLUDE NORTH, LOCATION OF PHOTO STATION, LOCATION OF DATA PLOTS, ANY OTHER FEATURES



Roadside Swale ↓ NORTH

Continue to set from -3

(no access to north)

FISH AND WILDLIFE OBSERVATIONS:

NOTES: ROADSIDE SWALE veg w Emer & Early succ sp.

Incl: BARBER DUNE SPIDY

IC7009-ST

(ROADSIDE SURVEY)

7119110

**STREAM DATA**

PROJECT: MRWF  
 OWNER/APPLICANT: MR, LLC  
 FIELD CREW: DELAHAY  
 FIELD BOOK AND PAGE: \_\_\_\_\_

DATE: 7119110  
 LOCATION: PARNODE  
 PHOTO FILE #: 0039 WEST

**STREAM CROSSING DATA**

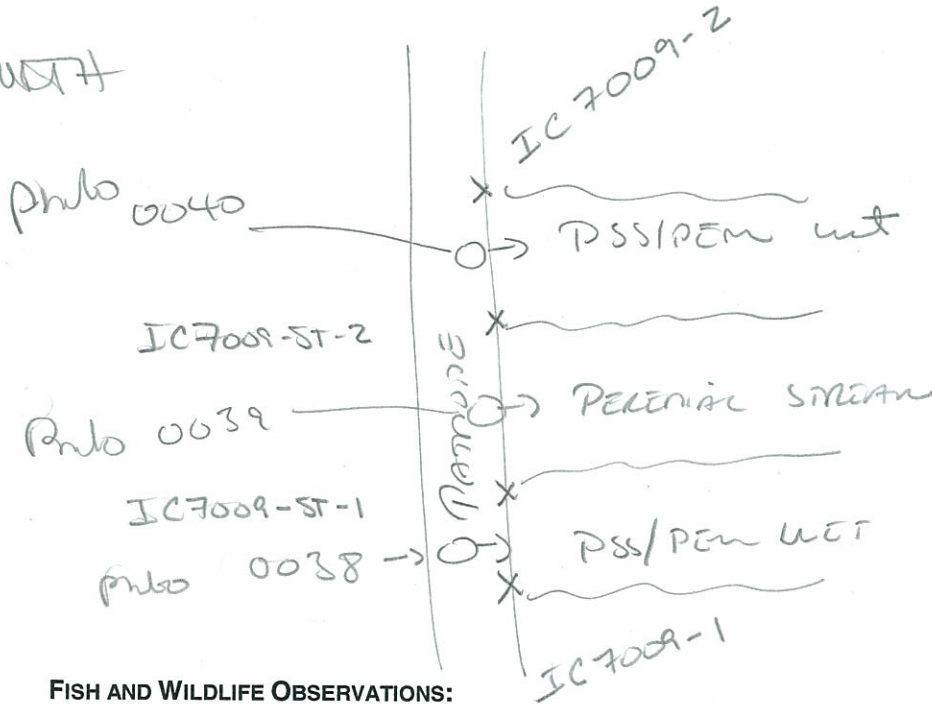
(ROADSIDE SURVEY)

CHANNEL ID	IC7009-ST		
NAME (OR TRIB TO)			
TYPE OF STREAM			
PERENNIAL/INTERMIT	PEREN		
WIDTH (OBSERV/OHW)	~ 24'		
DEPTH (OBSERV/OHW)	~ 1+		
FLOW RATE	LOW		
FLOW DIRECTION	WEST		
SUBSTRATE	SAND		
BANK VEGETATION	PSS/PEW		

<sup>1</sup> DRY/STAGNANT/LOW/MEDIUM/HIGH

SKETCH: INCLUDE NORTH, LOCATION OF PHOTO STATION, LOCATION OF DATA PLOTS, ANY OTHER FEATURES

↓ NORTH



- AMBER CLW
- RED MIPK
- SPECKLED AIDEX

FISH AND WILDLIFE OBSERVATIONS:

NOTES:

CULVERTS UNDER PARNODE  
NARROWER TO EAST  
PSS - ALONG THICKET



TETRA TECH EC, INC.

IC7012-ST (Kansine Stry)

7/19/10

STREAM DATA

PROJECT: MRWF  
OWNER/APPLICANT: MR, LLC  
FIELD CREW: DELANEY  
FIELD BOOK AND PAGE:

DATE: 7/19/10  
LOCATION: PATONDEKO  
PHOTO FILE #: photo 0044  
=> WEST

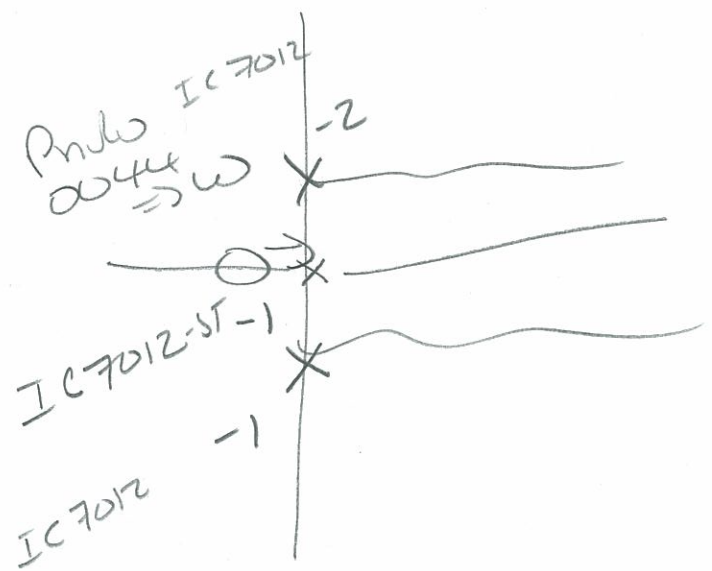
STREAM CROSSING DATA

CHANNEL ID	IC7012-ST		
NAME (OR TRIB TO)			
TYPE OF STREAM			
PERENNIAL/INTERMIT	PEREN		
WIDTH (OBSERV/OHW)	(3-6 / 4-8)		
DEPTH (OBSERV/OHW)	(6-12") / (1-2)		
FLOW RATE <sup>1</sup>	LOW		
FLOW DIRECTION	WEST		
SUBSTRATE	SAND / GRAVEL / COBBLE / ROCK		
BANK VEGETATION	PERM - EARLY SUCCESSIONAL		

<sup>1</sup> DRY/STAGNANT/LOW/MEDIUM/HIGH

SKETCH: INCLUDE NORTH, LOCATION OF PHOTO STATION, LOCATION OF DATA PLOTS, ANY OTHER FEATURES

↓ NORTH



FISH AND WILDLIFE OBSERVATIONS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NOTES: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

AR7016-ST

7/20/10

STREAM DATA

PROJECT: MRWF  
OWNER/APPLICANT: MR, LLC  
FIELD CREW: DELAHUNTY  
FIELD BOOK AND PAGE: \_\_\_\_\_

DATE: 7/20/10  
LOCATION: NEW ALTS WB 77  
PHOTO FILE #: photo 059  
=> site

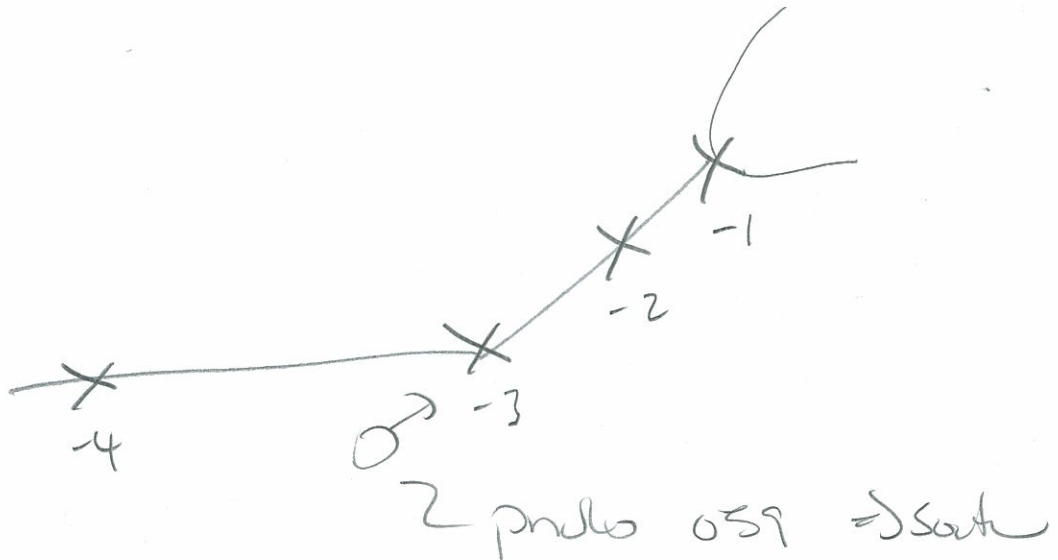
STREAM CROSSING DATA

CHANNEL ID	AR7016-ST		
NAME (OR TRIB TO)			
TYPE OF STREAM			
PERENNIAL/INTERMIT	Ephem		
WIDTH (OBSERV/OHW)	w 12" / 2'		
DEPTH (OBSERV/OHW)	0.5' / <1'		
FLOW RATE <sup>1</sup>	low		
FLOW DIRECTION	NNW		
SUBSTRATE	silt		
BANK VEGETATION	DEM / LAWN		

<sup>1</sup> DRY/STAGNANT/LOW/MEDIUM/HIGH

SKETCH: INCLUDE NORTH, LOCATION OF PHOTO STATION, LOCATION OF DATA PLOTS, ANY OTHER FEATURES

↖  
NORTH



FISH AND WILDLIFE OBSERVATIONS: FROGS.

NOTES: VEG in channel Polygonum Hydrophyllum  
CRABGRASS RUSH; COMPLEX SP.  
veg w/ 4' wide then maintained lawn

IC7033-ST

7/22/10

STREAM DATA

PROJECT: MRWF  
OWNER/APPLICANT: MR, LLC  
FIELD CREW: DR. HUNTY  
FIELD BOOK AND PAGE: \_\_\_\_\_

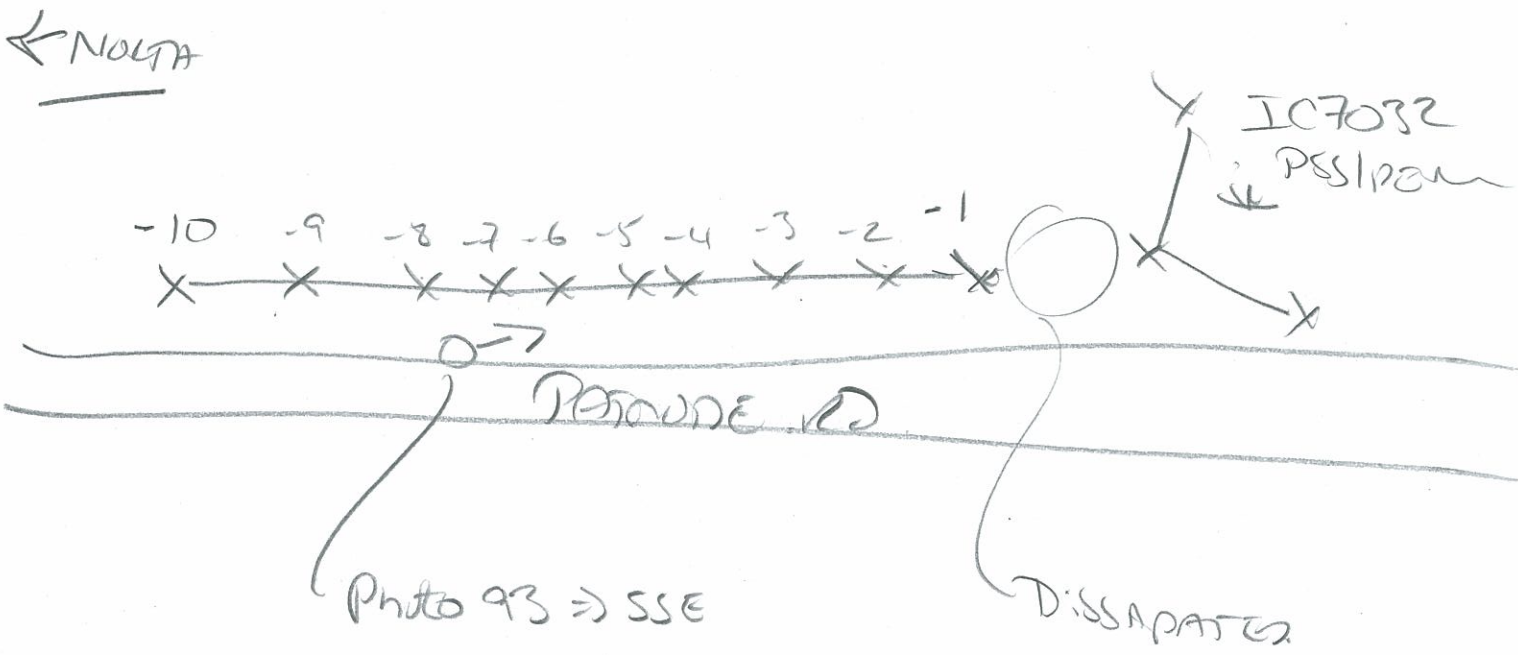
DATE: 7/22/10  
LOCATION: \_\_\_\_\_  
PHOTO FILE #: 93 SSE  
Gumbler 07:08

STREAM CROSSING DATA

CHANNEL ID	IC7033-ST		
NAME (OR TRIB TO)			
TYPE OF STREAM			
PERENNIAL/INTERMIT	EPHEM ROADSIDE SLAIE		
WIDTH (OBSERV/OHW)	(5' / 7')		
DEPTH (OBSERV/OHW)	(6" / 1')		
FLOW RATE <sup>1</sup>	STAGNANT		
FLOW DIRECTION	South		
SUBSTRATE	silt / vegetated		
BANK VEGETATION	DEAN		

<sup>1</sup> DRY/STAGNANT/LOW/MEDIUM/HIGH

SKETCH: INCLUDE NORTH, LOCATION OF PHOTO STATION, LOCATION OF DATA PLOTS, ANY OTHER FEATURES



FISH AND WILDLIFE OBSERVATIONS: \_\_\_\_\_

NOTES:

SLAIE VEGETATED W/ EMER UEL Tack;  
GREEN CANNON; NARROW CATTAIL; Sensitive Fern;  
Green bullrush; Equisetum; Soft Rush; Waterman



TETRA TECH EC, INC.

~ 85% cover

IC 7022-ST

7/22/10

STREAM DATA

PROJECT: MRWF

DATE: \_\_\_\_\_

OWNER/APPLICANT: MR2, LLC

LOCATION: \_\_\_\_\_

FIELD CREW: DELAHUNTY

PHOTO FILE #: 7425

FIELD BOOK AND PAGE: \_\_\_\_\_

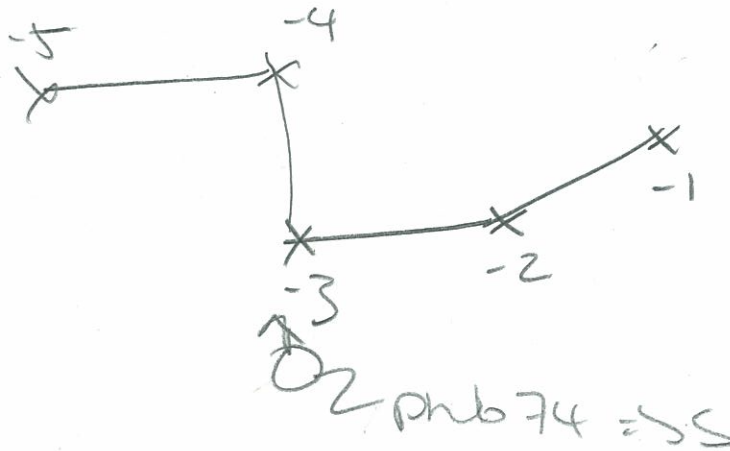
STREAM CROSSING DATA

CHANNEL ID	IC7022-ST		
NAME (OR TRIBUTARY)			
TYPE OF STREAM			
PERENNIAL/INTERMIT	INT		
WIDTH (OBSERV/OHW)	5' 1 8'		
DEPTH (OBSERV/OHW)	10" 12.5"		
FLOW RATE	MED		
FLOW DIRECTION	WEST		
SUBSTRATE	SILT & SANDS		
BANK VEGETATION	PSS / PAM		

DRY/STAGNANT/LOW/MEDIUM/HIGH

SKETCH: INCLUDE NORTH, LOCATION OF PHOTO STATION, LOCATION OF DATA PLOTS, ANY OTHER FEATURES

↓ west



FISH AND WILDLIFE OBSERVATIONS:

Wood Thrush

NOTES:

Association w/ PSS / raw wet  
IC7022A/B



TETRA TECH EC, INC.

**STREAM CROSSING DATA FORM**

ROUTE: IC 732-STA/B  
 LOCATION: IC to 102L  
 FIELD CREW: BQ, JV

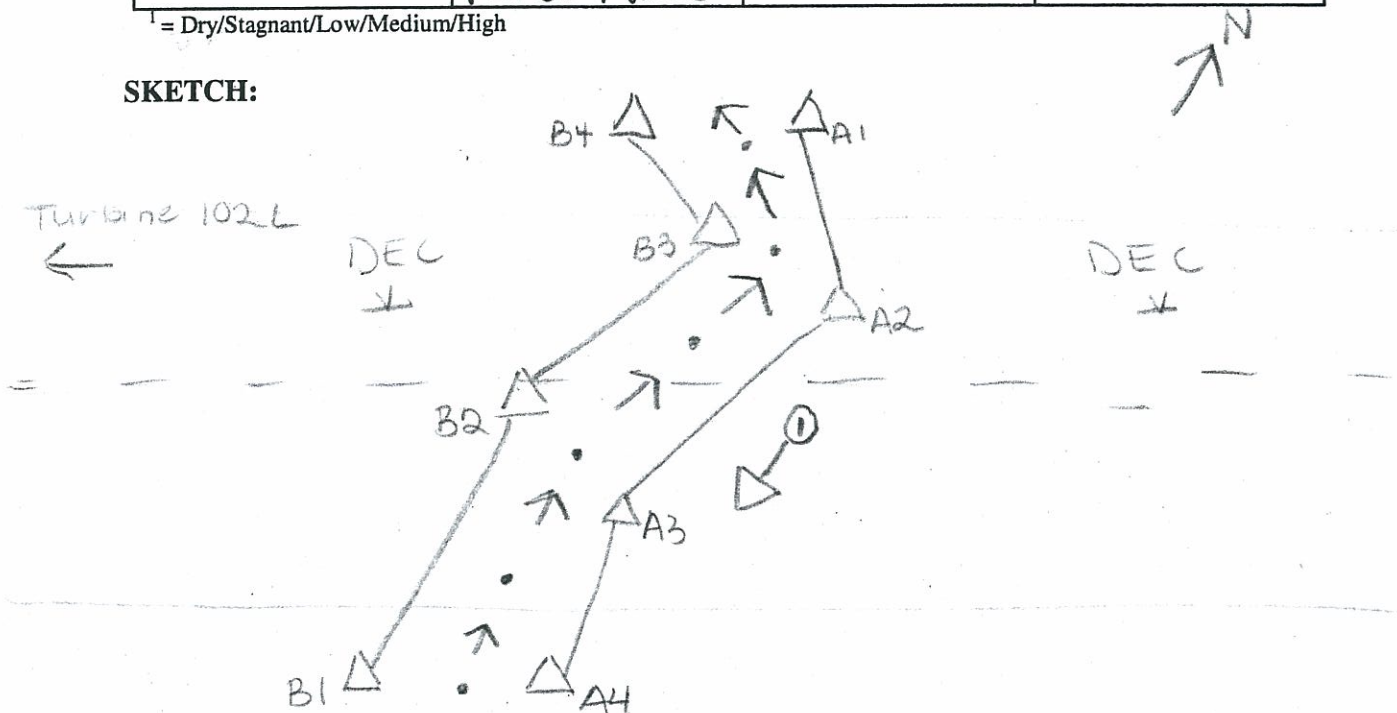
DATE: 7-11-06  
 ROLL NO: \_\_\_\_\_  
 FRAMES: # 1 => S to SW

**STREAM CROSSING DATA**

CHANNEL ID	IC732A/B		
NAME (or trib. to)	Unnamed		
TYPE OF STREAM	—		
PEREN/INTERMIT	Perennial		
WIDTH (obser/ohw)	~ 20' / 30'		
DEPTH (obser/ohw)	8" / 48"		
FLOW RATE <sup>1</sup>	Low		
FLOW DIRECTION	N to NE		
SUBSTRATE	Cobble/Gravel Mix		
BANK VEGETATION	Herb/MOSS		

<sup>1</sup> = Dry/Stagnant/Low/Medium/High

**SKETCH:**



**FISH AND WILDLIFE OBSERVATIONS**

\_\_\_\_\_  
 \_\_\_\_\_

**NOTES**

Flows between two DEC Wetlands but ~~no~~ there are no adjacent wetlands associated with Channel.  
 \_\_\_\_\_  
 \_\_\_\_\_



**STREAM CROSSING DATA FORM**

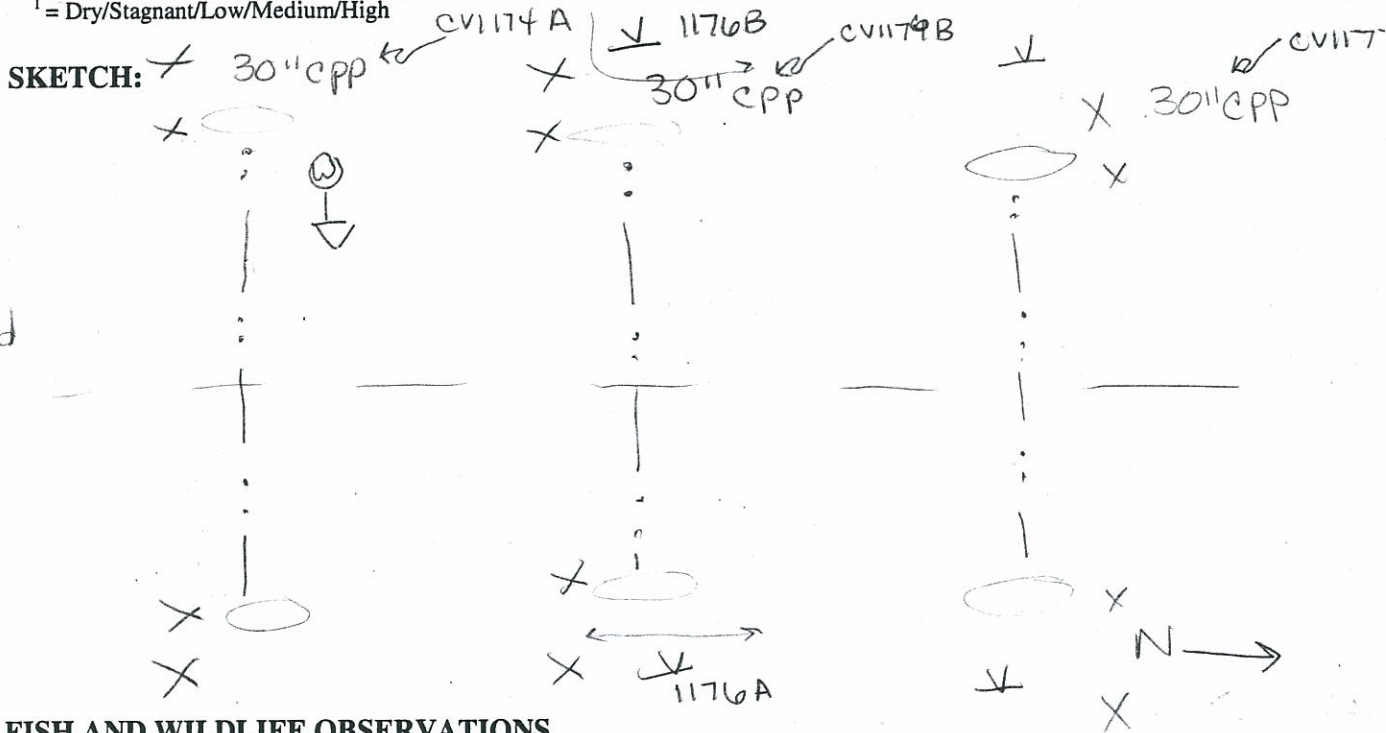
ROUTE: CV1174A-ST, 1176A/B-ST  
 LOCATION: Bohen Rd to N  
 FIELD CREW: JV DR

DATE: 9/15/06  
 ROLL NO: \_\_\_\_\_  
 FRAMES: \_\_\_\_\_

**STREAM CROSSING DATA**

CHANNEL ID	CV1174A-ST	CV1176A/B-ST	CV1177A-ST
NAME (or trib. to)	NA	NA	NA
TYPE OF STREAM	Road drainage	Road drainage	Road drainage
PEREN/INTERMIT	Intermit	Intermit	Intermit
WIDTH (obser/ohw)	30" / 18"	30" / 18"	30" / 18"
DEPTH (obser/ohw)	NA / 8-10"	NA / 8-10"	NA / 8-10"
FLOW RATE <sup>1</sup>	Dry	Dry	Dry
FLOW DIRECTION	East?	East?	
SUBSTRATE	NA	NA	NA
BANK VEGETATION	NA	NA	NA

<sup>1</sup> = Dry/Stagnant/Low/Medium/High



**FISH AND WILDLIFE OBSERVATIONS**

None Observed

**NOTES**

- CV1174 30" CPP running E/W under Bohen Rd. Adjacent area pasture
- CV1176 30" CPP runs E/W under Bohen Rd and associated w/ WL CV1176A/B.
- CV1177 30" CPP runs E/W under Bohen Rd and associated w/ WL CV1177A/B

**STREAM CROSSING DATA FORM**

ROUTE: CV1199-A-ST

DATE: 9/17/06

LOCATION: Patnode Rd (north)

ROLL NO: \_\_\_\_\_

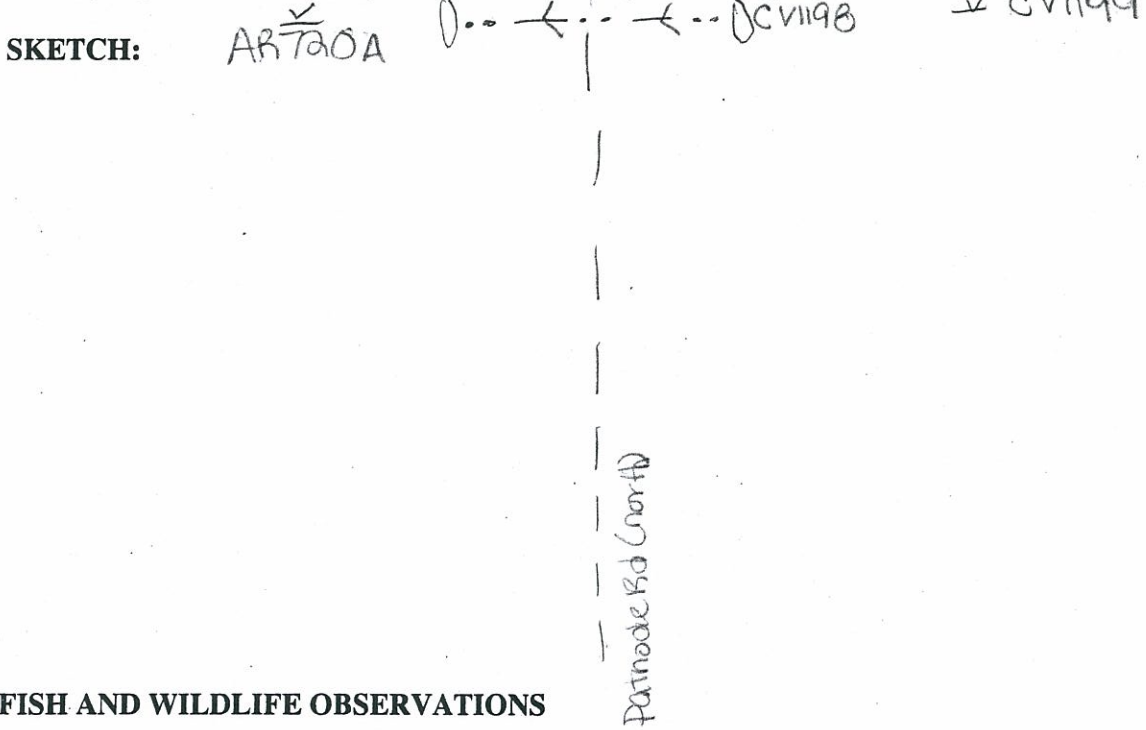
FIELD CREW: JV GO

FRAMES: \_\_\_\_\_

**STREAM CROSSING DATA**

CHANNEL ID	CV1199-A-ST		
NAME (or trib. to)	NA		
TYPE OF STREAM	Road drainage		
PEREN/INTERMIT	Intermit		
WIDTH (obser/ohw)	30" / 10-12"		
DEPTH (obser/ohw)	NA / 8-10"		
FLOW RATE <sup>1</sup>	Dry		
FLOW DIRECTION	West		
SUBSTRATE	NA		
BANK VEGETATION	NA		

<sup>1</sup> = Dry/Stagnant/Low/Medium/High



**FISH AND WILDLIFE OBSERVATIONS**

**NOTES**

CV1198 30CPP - Culvert runs E/W under Patnode Rd. Associated w/ ARTAOA to DEC WL; Small WL along stream bank CV1199A to E

**STREAM CROSSING DATA FORM**

ROUTE: CV1218-1220

DATE: 9/18/06

LOCATION: Patnode Rd (north) heading north ROLL NO: \_\_\_\_\_

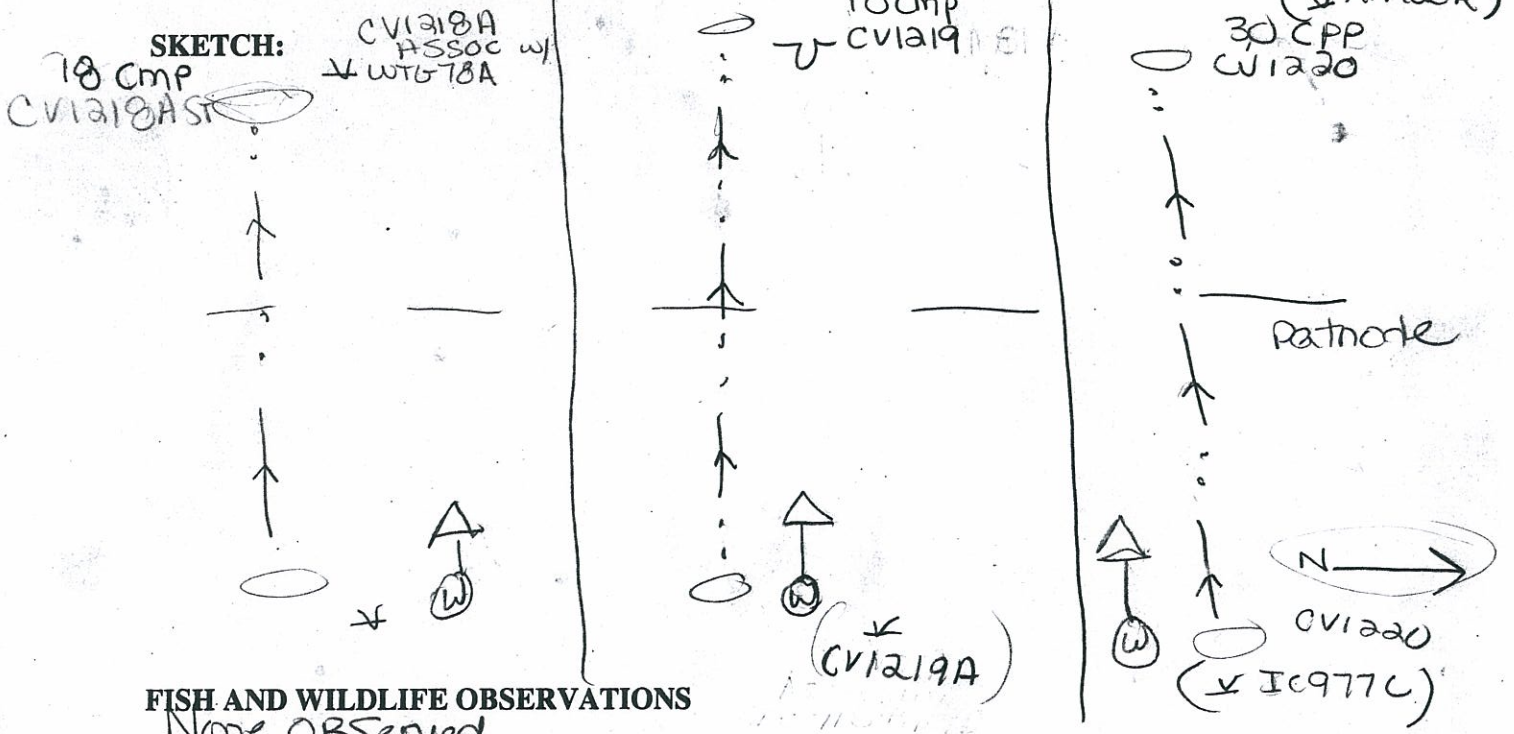
FIELD CREW: JV DO

FRAMES: \_\_\_\_\_

**STREAM CROSSING DATA**

CHANNEL ID	CV1218-A-ST	CV1219A-ST	CV1220-A-ST
NAME (or trib. to)	NA	NA	NA
TYPE OF STREAM	WL Culvert	WL Culvert	Field/Road drain
PEREN/INTERMIT	Intermit	NA	NA
WIDTH (obser/ohw)	18" / 10-12"	18" / 10-12"	30" / 10-12"
DEPTH (obser/ohw)	NA / 8-10"	NA / 8-10"	NA / 8-10"
FLOW RATE <sup>1</sup>	Dry	Dry	Dry
FLOW DIRECTION	West	West	West
SUBSTRATE	NA	NA	NA
BANK VEGETATION	NA	NA	NA

<sup>1</sup> = Dry/Stagnant/Low/Medium/High



**NOTES**

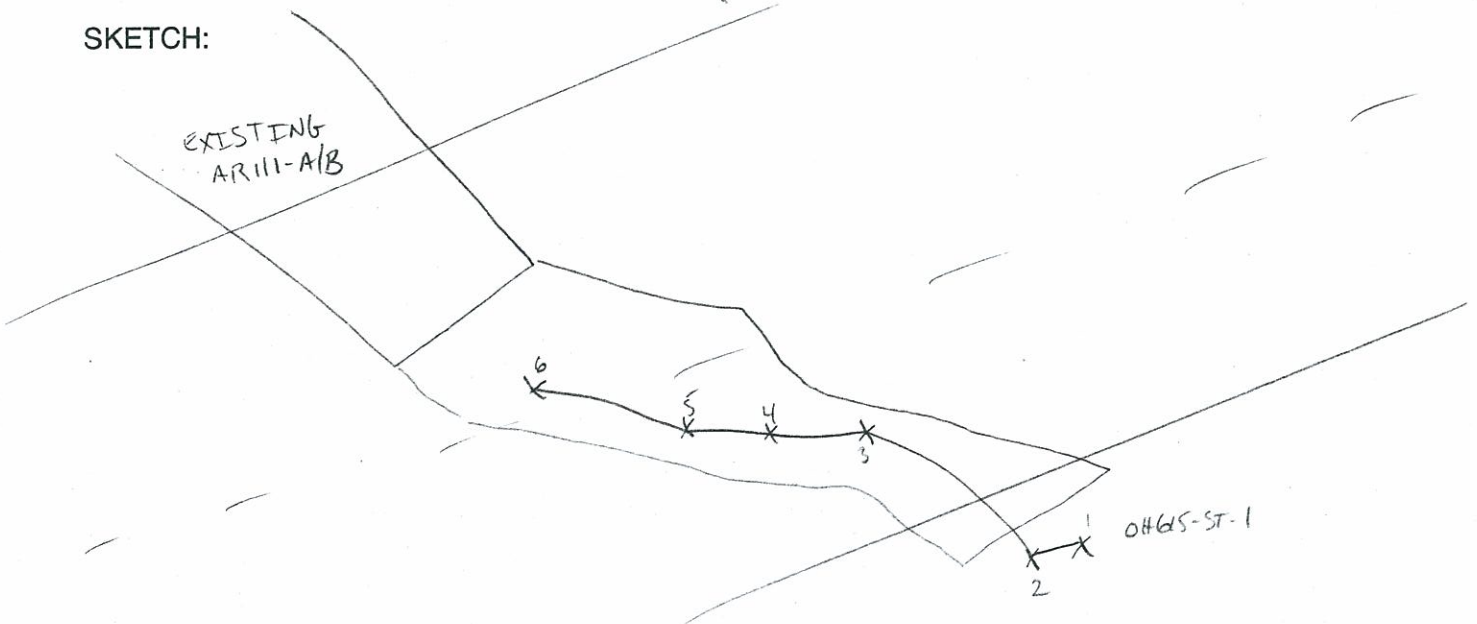
- CV1218 18 cmp runs E/W under patnode Rd. Assoc. w/ WL WT678A to W + culverted to E (Not on list)
- CV1219 18 cmp runs E/W under patnode Rd. Assoc. w/ DEC WL IC977C to E
- CV1220 30 cpp runs E/W under patnode Rd. Assoc w/ IC977C to E and AR720A to W. WL Boundaries already exist

### WATERBODY CROSSING DATA FORM

PROJECT: Marble River      DATE: 10-9-09  
 LOCATION: OH 6015-ST      FIELD CREW: RD, DO

WATERBODY ID	OH6015-ST	
GPS FEATURE TYPE <small>(open/closed)(line/polygon)</small>	Line	
PHOTO ID and DIRECTION	Photo 38 ⇒ NORTH WEST	
NAME <small>(or tributary to)</small>	—	
WATERBODY TYPE <small>(stream/pond/ditch/culvert)</small>	STREAM	
FLOW REGIME <small>(perennial/intermittent/ephemeral)</small>	EPHEMERAL	
WIDTH <small>(observed/OHW)</small>	— / 3'	
DEPTH <small>(observed/OHW)</small>	— / 8"	
FLOW RATE <small>(dry/stagnant/low/moderate/high)</small>	DRY	
FLOW DIRECTION	NW	
SUBSTRATE <small>(mud/silt/gravel/cobble/boulders/bedrock)</small>	Silt/Rock	
BANK VEGETATION <small>(upland/wetland cover type)</small>	EMERGENT / FORESTED WETLAND	

SKETCH:



FISH AND WILDLIFE OBSERVATIONS:

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NOTES:

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