

## W. Va. Stream Survey Data Form

Cat. No. \_\_\_\_\_

Date August 6, 1998Biologists J.Reed, T.OldhamM.Scott, M. ShingletonFayetteStation 1  
Stream Dunloup Creek Code KN-22 County \_\_\_\_\_Station Location 1.0 mi above the mouth, above bridge at Trail Head parking area  
UTM: THURMOND 4923E-41994N

## 1. Station Description:

Length (ft.) _____	Width: Av. (ft.) _____	Max. _____	Depth: Ave. _____	Max _____
Pool Type _____	% Pool _____		Chip Flow (Ave. 100') _____	
Cover _____	Color _____		Aquatic vegetation _____	

## 2. Water Quality

pH _____	Method _____	2a. Temperature _____
Fe _____	Cond. _____	Water _____
Alka _____	Hard. _____	Air _____
	Other _____	Degree, source of pollution _____

## 3. Bottom:

Bottom Type, _____	<u>50% cobble, 20 boulder, 10 bedrock,</u>	Sp. _____	# _____	Ingredients _____
Organisms: _____	Methods: _____	<u>15 rubble, 5 sand/gravel</u>		
F _____	C _____	A _____	Name or Sp. _____	
_____	_____	_____	_____	
_____	_____	_____	_____	
_____	_____	_____	_____	
_____	_____	_____	_____	

## 4. Gross Stomach Analysis

5. Remarks: (Include data on - banks, alterations, shade, and fishing potential)  
 High gradient portion of stream. Stream flow was also concentrated at this location furthering reducing electrofishing efficiency. Stream was completely shaded at this location.

## 6. Fish Population Data on Reverse Side.

Flow and stream size was too much for this equipment and sampling efficiency was impaired.

Gear _____	<u>Backpack shocker w/</u>
	<u>parallel wires</u>
Est. efficiency (%) _____	

Station 1 -- 175' x 20' = 0.08 acres

6. Species	Abund.	Size Range (inches)	Wt/Lbs.	% Total No.	% Total Wt.
<u>Suckers</u>					
Hypentelium nigricans	1	10.3-11.6	1.04	50.0	59.1
Total	1		1	50	59
<u>Minnows:</u>					
Total	0		0	0.0	0.0
<u>Game Fishes:</u>					
Micropterus dolomeiu	1	11.5	0.72	50.0	40.9
Total	1		0.72	50.0	40.9
<u>Darters and Others:</u>					
Total	0			0.0	0.0
<b>TOTAL</b>	<b>2</b>		<b>1.76</b>	<b>100.0</b>	<b>100.0</b>

7. Age and Growth	Ave. back calc. at Annuli				
Species	No.	II	III	IV	V
Standing Crop (collected)		22.0			
Standing Crop (based on estimated efficien		0.0			

(Wt. Collected x 43,560 ÷ Area Sampled (Lgth. x Ave. Wid

Cat. No. \_\_\_\_\_  
Date 08/06/98  
Biologis J.Reed,T.C  
M.Scott,M.Shingle  
Fayette

W. Va. Stream Survey Data Form

Station Station 2  
Stream Dunloup Creek Code KN-22 County \_\_\_\_\_

Station Location 3.25 mi above the mouth, 700 ft below the mouth of Barren Run, approx 0.5 mi below \  
sewage treatment plant. UTM: THURMOND 4898E-41975N

1. Station Description:

Length (ft.) 350 Width: Av. (ft.) 25 Max. \_\_\_\_\_ Depth: Ave. \_\_\_\_\_ Max  
Pool Type \_\_\_\_\_ % Pool \_\_\_\_\_ Chip Flow (Ave. 100') \_\_\_\_\_  
Cover \_\_\_\_\_ Color \_\_\_\_\_ Aquatic vegetation \_\_\_\_\_

2. Water Quality

pH \_\_\_\_\_ Method \_\_\_\_\_ 2a. Temperature  
Fe \_\_\_\_\_ Cond. \_\_\_\_\_ Water \_\_\_\_\_ 63  
Alka \_\_\_\_\_ Hard. \_\_\_\_\_ Air \_\_\_\_\_  
Other \_\_\_\_\_ Degree, source of pollution \_\_\_\_\_

3. Bottom:

Bottom Type, % \_\_\_\_\_  
Organisms: Methods: \_\_\_\_\_  
F C A Name or Sp. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Gross Stomach Analysis

Sp. # Ingredient

5. Remarks: (Include data on - banks, alterations, shade, and fishing potential)  
Stream was well shaded at this location with fair to good cover present. Bn. Trout fingerlings were stocked  
at this location July 1, 1998 (2,000 in all of Dunloup Ck.)

6. Fish Population Data on Reverse Side.

Gear 220 V georator w/  
parallel wires  
Est. efficiency (%) \_\_\_\_\_

Station 350 x 25 = 8,750 sq. ft. = 0.2 acres

6. Species	Abund.	Size Range (inches)	Wt/Lbs.	% Total No.	% Total Wt.
<b>Suckers</b>					
<i>Hypentelium nigricans</i>	3	4.8-13.5	1.87	2.9	17.5
Total	3		2	3	18
<b>Minnows:</b>					
<i>Clinostomus funduloides</i>	2	2.1-2.4	0.01	1.9	0.1
<i>Rhinichthys atratulus</i>	61	1.9-3.9	0.50	59.2	4.7
<i>Semolitus atromaculatus</i>	14	2.2	0.08	13.6	0.7
Total	77		0.59	74.8	5.5
<b>Game Fishes:</b>					
<i>Salmo trutta</i> (adult)*	8	10.0-14.1	5.20	7.8	48.7
<i>Salmo trutta</i> (fingerlings)*	11	4.2-5.0	0.63	10.7	5.9
<i>Micropterus punctulatus</i>	1	2.0		1.0	
<i>Oncorhynchus mykiss</i> (rainbow trout)	3	11.9-14.4	2.39	2.9	22.4
*Bn tr 29.2 lbs/a					
Total	23		8.22	22.3	77.0
<b>Darters and Others:</b>					
Total	0			0.0	0.0
<b>TOTAL</b>	103		10.68	100.0	100.0

7. Age and Growth		Ave. back calc. at Annuli			
Species	No.	II	III	IV	V
Standing Crop (collected)	53.2	lbs/acre			
Standing Crop (based on estimated efficien	0.0				

*(Wt. Collected x 43,560 ÷ Area Sampled (Lgth. x Ave. Wid*

W. Va. Stream Survey Data Form

Cat. No. \_\_\_\_\_  
 Date 08/06/98  
 Biologis: Reed, Oldham,  
Scott, Shingleton  
 Fayette

Station 3  
 Stream Dunloup Creek Code KN-22 County \_\_\_\_\_

Station Location 4.25 miles above the mouth, at Dewitt just above campground behind bait shop  
UTM: OAKHILL 4886E-41981N

1. Station Description:

Length (ft.) 325 Width: Av. (ft.) 30 Max. \_\_\_\_\_ Depth: Ave. \_\_\_\_\_ Max \_\_\_\_\_  
 Pool Type \_\_\_\_\_ % Pool \_\_\_\_\_ Chip Flow (Ave. 100') \_\_\_\_\_  
 Cover \_\_\_\_\_ Color \_\_\_\_\_ Aquatic vegetation \_\_\_\_\_

2. Water Quality

Method \_\_\_\_\_ 2a. Temperature \_\_\_\_\_  
 pH \_\_\_\_\_ Cond. \_\_\_\_\_ Water 63  
 Fe \_\_\_\_\_ Hard. \_\_\_\_\_ Air \_\_\_\_\_  
 Alka \_\_\_\_\_ Other \_\_\_\_\_ Degree, source of pollution \_\_\_\_\_

3. Bottom:

Bottom Type, 60 rubble, 10 boulder, 10 bedroc  
 Organisms: Methods: 10 cobble, 10 sand/silt  
 F C A Name or Sp. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

4. Gross Stomach Analysis

Sp.	#	Ingredients
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5. Remarks: (Include data on - banks, alterations, shade, and fishing potential)

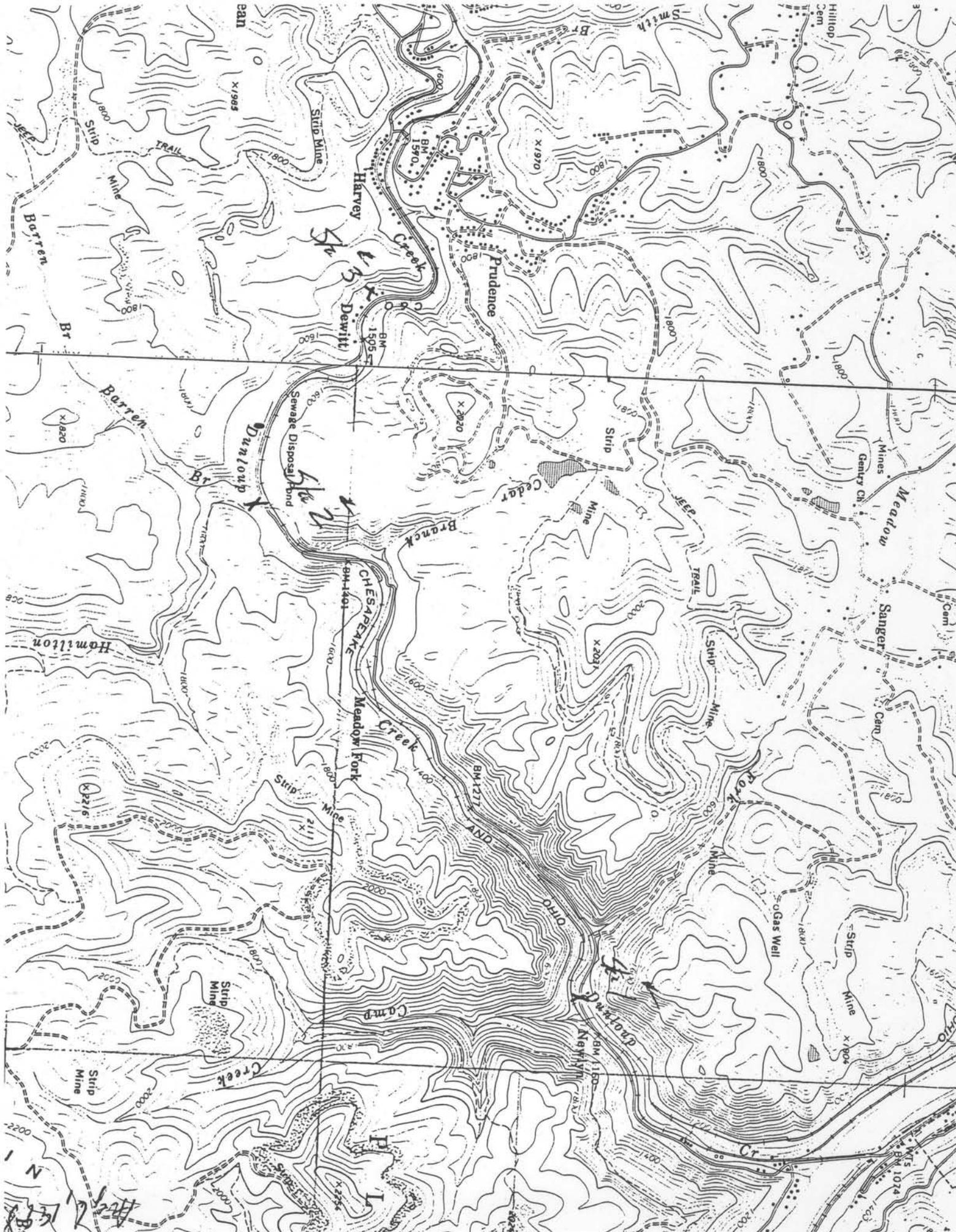
A large amount of filamentous algae was present in the substrate. Several houses were along the stream. Canopy was only 50% or less. Fishing pressure is moderate. This station is located in the stocked portion of the stream. Station is also about a quarter mile above sewage treatment plant.

6. Fish Population Data on Reverse Side.

Rockbass approx. 7" long were observed while stocking but not collected.  
 Another rainbow trout around 10" was also observed but not collected

Gear 220 v AC georator  
w/ parallel wires  
 Est. efficiency (%) \_\_\_\_\_





Handwritten notes in the bottom left corner, including the name 'Hess' and other illegible markings.

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# United States Department of the Interior

## FISH AND WILDLIFE SERVICE



West Virginia Field Office  
694 Beverly Pike  
Elkins, West Virginia 26241

September 27, 2006

Ronald L. Hilliard  
State Conservationist  
Natural Resources Conservation Service  
75 High Street, Room 301  
Morgantown, West Virginia 26505

Re: Dunloup Creek Watershed Project; Fayette and Raleigh Counties, West Virginia

Dear Mr. Hilliard:

The U.S. Fish and Wildlife Service (Service) has received your Environmental Scoping Meeting request for the proposed Dunloup Creek Watershed Project located in Fayette and Raleigh Counties, West Virginia. The Natural Resources Conservation Service (NRCS) will hold a Scoping Workshop for the proposed project on September 20, 2006. The Service will be unable to attend this Scoping Workshop, however, this letter serves as the Service's comments for the proposed project. The NRCS proposes to conduct a voluntary buyout of flood prone dwellings and businesses within the 100-year floodplain along Dunloup Creek between the communities of Kilsyth and Harvey. Removal of these flood prone dwellings and businesses is also a component of the proposed project. These comments are provided pursuant to the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*).

### **Threatened & Endangered Species**

The Service has determined that based on the information provided, it is unlikely the proposed buyout and removal of flood prone dwellings and businesses will adversely affect any threatened or endangered species. You may consider this project, as proposed, to be in compliance with the Endangered Species Act, and no biological assessment or further section 7 consultation is required with the Service. This project should be re-analyzed if new information reveals effects of the action that may affect listed or proposed species or designated or proposed critical habitat in a manner or to an extent not considered in this consultation; if the action is subsequently modified in a manner that causes an effect to a listed or proposed species or designated or proposed critical habitat that was not considered in this consultation; and/or, if a new species is listed or critical habitat is designated that may be affected by this project.

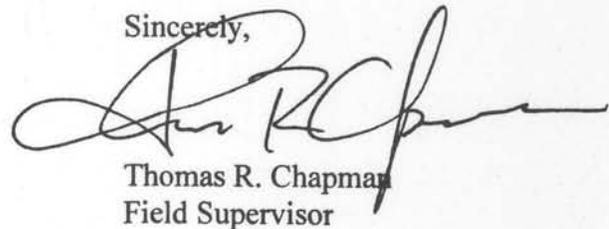
Mr. Ronald L. Hilliard  
September 27, 2006

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Definitive determinations of the presence of waters of the United States, including wetlands, in the project area and the need for permits, if any, are made by the U.S. Army Corps of Engineers. They may be contacted at: Huntington District, Regulatory Branch, 502 Eighth Street, Huntington, WV 25701-2070, telephone (304) 399-5710.

We appreciate your efforts to insure the conservation of endangered and threatened species. If you have any questions regarding this letter, please contact Melissia Carter of my staff at the letterhead address or phone (304) 636-6586, extension 14.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom R. Chapman", written in a cursive style.

Thomas R. Chapman  
Field Supervisor