

Standard Operating Procedure 18: Field data forms, version 1.0

SHEN FISH MONITORING COVER FORM

SITE, WATER CHEMISTRY AND VELOCITY

Date ____/____/____

Site ID Code _____ Stream _____

Crew _____

Site Notes: _____

Data Entry

Entry 1: ____/____/2018

Entry 2: ____/____/2018

Scanned: ____/____/2018

Photos: Camera _____ Number of photos _____

Shocking Times

Shocker #	Pass 1 Time (s)	Pass 2 Time (s)	Pass 3 Time (s)	Pass 4 Time (s)
1				
2				
3				
4				
TOTALS				

Water Condition and Chemistry

Level: Low ____ Med ____ High ____ Color: Clear ____ Stained ____ Muddy ____

Sampler	Time	Temp °C	DO mg/l	DO % Saturation	Cond. μ S	pH	TDS g/l	Comments

Notes:

DISCHARGE MEASUREMENTS

Method: Marsh-McBirney _____ Other _____ (describe method and show calcs.)

Channel Width _____ m Interval Selected for Measurements _____ m

#	Dist (m)	Depth (m)	Veloc. (m/s)	#	Dist (m)	Depth (m)	Veloc. (m/s)
1	0	0	0	9			
2				10			
3				11			
4				12			
5				13			
6				14			
7				15			
8				16			

SHEN Fish Monitoring Data Form

GAMEFISH

Date ____/____/____

Site ID Code _____ Stream _____

Crew _____

Data Entry	
Entry 1:	____/____/2018
Entry 2:	____/____/2018
Scanned:	____/____/2018

Page ____ of ____

Pass #	Species	TL (mm)	WT (g)	Notes	Pass #	Species	TL (mm)	WT (g)	Notes
01					21				
02					22				
03					23				
04					24				
05					25				
06					26				
07					27				
08					28				
09					29				
10					30				
11					31				
12					32				
13					33				
14					34				
15					35				
16					36				
17					37				
18					38				
19					39				
20					40				

Notes Codes: 1 – Scale Sample, 2 – Discoloration (Burn), 3 – Bad Eye, 4 – Hook Wound, 5 – Fin Clipped, 6 – Broken Back, 7 – Mortality, 8 – Other Disfiguration, 9 – Tissue Sample, 10 – Whole Fish Collected

NONGAME FISH

Site ID Code _____ **Stream** _____

Page ____ of ____

Data Entry

Entry 1: _____ / _____ / 2018

Entry 2: _____ / _____ / 2018

Scanned:_____/_____/2018

4

SHEN Fish Monitoring Data Form

HABITAT

Date ____/____/____

Site ID Code _____ Stream _____

Crew _____

Data Entry

Entry 1: ____/____/2018

Entry 2: ____/____/2018

Scanned: ____/____/2018

Distance	Width (m)	% Grad	Rip. Cov.	Depth			Substrate			Habitat Types	
				1/4	1/2	3/4	1/4	1/2	3/4	Pool	Riffle
0											
10											
20											
30											
40											
50											
60											
70											
80											
90											
100											
110											
120											
130											

Substrate Classification		
Code	Type	Size
O	Organic	
L	Silt	<0.06mm
S	Sand	0.06-2mm
P	Peb/Gravel	2.0mm – 10.0cm
C	Cobble	10.0 – 30.0cm
B	Boulder	>30 cm
R	Bedrock	

Riparian Cover	
1	<33%
2	33-66%
3	>66%
T	Tree
S	Shrub
G	Grass/Forb
0N	0 Cov. 0 Veg

ISLANDS

At each Distance Interval (Dist.) where Islands are present, measure each of the channels. Enter the Total Channel Width (A+B) as Width (m) in the Main Table.

Measurements Involving Islands				
Dist.	Chan. A	Chan. B	Total (A+B)	Isle. W.

SOP Revision History

All protocols, regardless of how sound they are originally, require modification as new and different information becomes available. SOP version numbers increase incrementally by tenths (e.g. version 1.1, version 1.2...etc.) for minor changes. Major revisions should be designated with the next whole number (e.g., version 2.0, 3.0, 4.0 ...). Small changes or additions to existing methods will be reviewed in-house by Shenandoah or Mid-Atlantic Network staff. However, if a complete change in methods is sought, an outside review is required.

Revision History Log:

Prev. Version #	Revision Date	Author	Changes Made	Reason for Change	New Version #

