

DATE 6/19/19

STREAM Walker Camp Prong

BEGAN 1200

H<sub>2</sub>O TEMP 13.7

LOCALITY \_\_\_\_\_

ENDED 355

CONDUCT 28.1

TAG # UP 24 Site Code WCP

SHOCKER # 2

DOWN 2D \*INSERT NEW SITE INSTRUCTIONS HERE\*

PERSON # 6

VOLTAGE 600

Run 1  
JB

[illegible]

| Hellbenders | Y / N | TL (mm) | WT (g) |
|-------------|-------|---------|--------|
|-------------|-------|---------|--------|

Date Entered: 6/30/19

Initials: JB

Date Verified: 6/20/19

Initials: CS

Date Validated: 6/20/19

Initials: CS

Date Scanned: 6/20/19

Initials: JB

Date Archived: 07/07/11

Initials: \_\_\_\_\_

Fish disease/ deformities?

# Great Smoky Mountains National Park Stream Monitoring Data Sheet

Stream Walker Camp Pond  
 Voltage 600  
 Shocker# 2

Section 2  
 Location \_\_\_\_\_

Temp (C°) 13.7 Cond. (µS) 28.1

Date 6/19/19  
 Time 1200 Start 1200 End: 1355

Crew: Jason, Sarah Connor, Larnie, Erica, Delia, Lucia

| Transect | Width (m) | Width (m) | %gradient |
|----------|-----------|-----------|-----------|
| 0        | 7.74      |           |           |
| 16       | 4.11      |           |           |
| 26       | 8.10      |           |           |
| 30       | 10.21     |           |           |
| 40       | 6.79      |           |           |
| 50       | 9.15      |           |           |
| 60       | 7.93      |           |           |
| 70       | 8.45      |           |           |
| 80       | 8.41      |           |           |
| 90       | 9.45      |           |           |
| 118      | 7.86      |           |           |
| Mean     | 7.99      |           |           |

Area (Length x Mean Width) = 118 \* 7.99 = 942.82

Upper tag: WCP 24  
 Lower tag: WCP 2D  
 Notes: \_\_\_\_\_

Run 3 called due to rain

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

JB

| DISTANCE ON TAPE (feet) | DEPTH (feet) | VELOCITY (feet/sec) | CELL VOLUME (cubic feet/sec) |
|-------------------------|--------------|---------------------|------------------------------|
| 1.5                     | 1.3          | 0.29                | 0.392                        |
| 2                       | 1.4          | 0.29                | 0.435                        |
| 2.5                     | 1.6          | 0.29                | 0.434                        |
| 3                       | 1.5          | 0.28                | 0.810                        |
| 4.0                     | 1.5          | 0.54                | 2.132                        |
| 4.5                     | 1.5          | 0.51                | 0.561                        |
| 5                       | 1.4          | 0.41                | 0.328                        |
| 5.5                     | 0.8          | 0.41                | 0.287                        |
| 6                       | 0.8          | 0.41                | 0.195                        |
| 6.5                     | 0.6          | 0.43                | 0.330                        |
| 7                       | 0.7          | 0.13                | 0.072                        |
| 7.5                     | 0.4          | 0                   | 0                            |
| 8                       |              |                     |                              |
| 8.5                     |              |                     |                              |
| 9                       |              |                     |                              |
| 9.5                     |              |                     |                              |
| 10                      |              |                     |                              |
| 10.5                    |              |                     |                              |
| 11                      |              |                     |                              |
| 11.5                    |              |                     |                              |
| 12                      |              |                     |                              |
| 12.5                    |              |                     |                              |
| 13                      |              |                     |                              |
| 13.5                    |              |                     |                              |
| 14                      |              |                     |                              |
| 15                      |              |                     |                              |

DISCHARGE (cfs) = 6.254