

Instructions: Bold fields must be completed.

| Station Summary | | | | |
|---|---------------------------------------|----------------------------|------------------------------|----------------------------|
| Stream Name Nichols Creek | | Waterbody ID Code 27100 | SWIMS Station ID 10030491 | FH Database ID 30159820 |
| Date (MMDDYY) 01/21/2017 | Station Name Nichols Creek @ CTH N | | | |
| Latitude - Longitude Determination Method Used GPS SWIMS | | | | Datum Used NAD 1983 |
| Start Latitude 43.686623 | Start Longitude -88.03359 | End Latitude _____ | End Longitude _____ | County Shelburne |

| Water Characteristics | | | | |
|---------------------------------|--|---------------------------------------|---|---------------------------|
| Time (24-hr clock) 10:15 | Air Temperature (C) 27.0 | Water Temperature (C) 14.2 | Conductivity (µs/cm) 845.2 | Transparency (cm) 120+ |
| Dissolved Oxygen (mg/l) 7.34 | | Dissolved Oxygen % Saturation 94.5 | | pH 7.5 |
| Flow (m³/sec) 0.044 | Water Level (check one - measure distance if Above or Below Normal): <input checked="" type="radio"/> Normal <input type="radio"/> Below: _____ (m) <input checked="" type="radio"/> Above: .05 (m) | | Water Clarity: <input checked="" type="radio"/> Clear <input type="radio"/> Turbid <input type="radio"/> Stained | |

| Channel and Basin Characteristics | | | | | |
|---|-----------------------------|-------------------|-------------------------|-------------------|---------------------------|
| Channel Condition: (check one) <input checked="" type="radio"/> Natural <input type="radio"/> > 20-year-old Channelization <input type="radio"/> 10- to 20-year-old Channelization <input type="radio"/> < 10-year-old Channelization <input type="radio"/> Concrete Channel | | | | | |
| Mean Stream Width (m) 1.5 | Percent Channelization 0 | Sinuosity 1.34 | Gradient (m/km) 0.47 | Stream Order 1 | Basin Area (km²) 13.24 |

| Sampling Description | |
|--|-----------------------------------|
| Sampling Type (check one): <input checked="" type="radio"/> CPE <input type="radio"/> Depletion <input type="radio"/> Mark-Recapture <input type="radio"/> Other - Specify: _____ | |
| Station Length (m) 100 | Start Time (24-hr clock) 10:01 |
| Finish Time (24-hr clock) 10:48 | |
| Type of Pass (check one): <input checked="" type="radio"/> Upstream Only <input type="radio"/> Upstream, then Downstream <input type="radio"/> Other - Specify: _____ | |

| Gear Description | | | | | | |
|---|--|--------------|-------------|------------|-------------|---------------------------|
| Gear (indicate number of each type used): Backpack Shockers _____ Stream Shockers _____ Mini-Boom Shockers _____ | | | | | | Number of Anodes per Unit |
| Current Type: <input type="radio"/> AC <input type="radio"/> DC <input checked="" type="radio"/> DCP | | Volts 200 | Amps 3.0 | Rate 60 | Duty 100 | |
| # of Dippers 1 | Dip Net Mesh Size (inches) and Type (bar, Ace, Delta, etc.) .125" | | | | | |

Person(s) Who Collected Data (Full Names)
 OLSON, Cox, Helker, Sabre

Comments / Notes (continue on the back of this sheet if necessary)

Flow Stream width 6.0 ft

| Depth | Flow | Depth | Flow |
|-------|------|-------|------|
| 0.3 | 0.13 | 2.4 | .77 |
| .6 | .17 | 2.7 | .55 |
| .9 | .08 | 3.0 | .66 |
| 1.2 | 1.02 | 3.3 | .66 |
| 1.5 | .72 | 3.4 | .65 |
| 1.8 | .46 | 3.9 | .6 |
| 2.1 | .42 | 4.2 | .65 |

| Depth | Flow |
|-------|------|
| 4.5 | .98 |
| 4.8 | .89 |
| 5.1 | 1.27 |
| 5.4 | 1.78 |
| 5.7 | 1.52 |
| 6.0 | 1.19 |

Wadable Stream Fish Assessment
Form 3600-230 (R 7/15) Page 2 of 3

Catch Summary
Stream Name: Nichus Creek Waterbody ID Code: 27100 SWIMS Station ID: 10030491 Date (YYYY MM DD): 20170629

| Pass Number | Time (24-hr clock) | | Species | Number Caught | Weight (g) | | Start | Time (24-hr clock) | | End | Total | Number-w/ DELT | Number of Mortalities | Number of Vouchers | Number Marked | Number Recaptured | Lab Check # ID |
|-------------|--------------------|------|---------------|---------------|------------|-------|-------|--------------------|-----|-----|-------|----------------|-----------------------|--------------------|---------------|-------------------|----------------|
| | Start | End | | | Tare | Gross | | Start | End | | | | | | | | |
| 1 | 1021 | 1048 | BROWN TROUT | | 210mm | 160g | 1600 | | | | | | | | | | |
| | | | BROWN | | 215 | 110g | 100g | | | | | | | | | | |
| | | | BROWN | | 190 | 58g | 100g | | | | | | | | | | |
| | | | BROWN | | 218 | 105g | 100g | | | | | | | | | | |
| | | | BROOK * | | 175 | 55g | 100g | | | | | | | | | | |
| | | | BROOK trout * | | 150 | 34g | 100g | | | | | | | | | | |
| | | | BROOK trout * | | 150 | 34g | 100g | | | | | | | | | | |
| | | | BROOK * | | 190 | 80g | 100g | | | | | | | | | | |
| | | | BROWN | | 230 | 130 | 100g | | | | | | | | | | |
| | | | BROWN * | | 130 | 122 | 100g | | | | | | | | | | |
| | | | BROOK * | | 135 | 23 | 100g | | | | | | | | | | |
| | | | BROWN | | 110 | 14 | 100g | | | | | | | | | | |
| | | | BROOK * | | 130 | 24 | 100g | | | | | | | | | | |
| | | | BROOK * | | 130 | 24 | 100g | | | | | | | | | | |
| | | | BROWN | | 140 | 28 | 100g | | | | | | | | | | |
| | | | BROWN | | 155 | 38 | 100g | | | | | | | | | | |
| | | | BROOK * | | 75 | 4 | 30g | | | | | | | | | | |
| | | | BROOK * | | 75 | 5 | 30g | | | | | | | | | | |

Pass Direction: Up Down
 Total Time (min.): Species
 Number-w/ DELT: BROOK *
 Number of Mortalities: BROWN
 Number of Vouchers: 60
 Number Marked: 4g
 Number Recaptured: 30g
 Lab Check # ID: 1000g

Number-w/ DELT: BROWN
 Number of Mortalities: 260
 Number of Vouchers: 260
 Number Marked: 140g
 Number Recaptured: 1000g
 Lab Check # ID: 1000g

Number-w/ DELT: BROWN
 Number of Mortalities: 250
 Number of Vouchers: 250
 Number Marked: 140g
 Number Recaptured: 1000g
 Lab Check # ID: 1000g

Number-w/ DELT: BROWN
 Number of Mortalities: 265
 Number of Vouchers: 265
 Number Marked: 160g
 Number Recaptured: 1000g
 Lab Check # ID: 1000g

Number-w/ DELT: BROWN
 Number of Mortalities: 265
 Number of Vouchers: 265
 Number Marked: 170g
 Number Recaptured: 1000g
 Lab Check # ID: 1000g

Number-w/ DELT: BROWN
 Number of Mortalities: 270
 Number of Vouchers: 270
 Number Marked: 210g
 Number Recaptured: 1000g
 Lab Check # ID: 1000g

Number-w/ DELT: BROWN
 Number of Mortalities: 200
 Number of Vouchers: 200
 Number Marked: 70
 Number Recaptured: 1000g
 Lab Check # ID: 1000g

Number-w/ DELT: BROWN
 Number of Mortalities: 235
 Number of Vouchers: 235
 Number Marked: 120
 Number Recaptured: 1000g
 Lab Check # ID: 1000g

Number-w/ DELT: BROWN
 Number of Mortalities: 210
 Number of Vouchers: 210
 Number Marked: 90
 Number Recaptured: 1000g
 Lab Check # ID: 1000g

Number-w/ DELT: BROWN
 Number of Mortalities: 220
 Number of Vouchers: 220
 Number Marked: 120
 Number Recaptured: 1000g
 Lab Check # ID: 1000g

Number-w/ DELT: BROWN
 Number of Mortalities: 220
 Number of Vouchers: 220
 Number Marked: 110
 Number Recaptured: 1000g
 Lab Check # ID: 1000g

Number-w/ DELT: BROWN
 Number of Mortalities: 228
 Number of Vouchers: 228
 Number Marked: 110
 Number Recaptured: 1000g
 Lab Check # ID: 1000g

Number-w/ DELT: BROWN
 Number of Mortalities: 310
 Number of Vouchers: 310
 Number Marked: 320
 Number Recaptured: 1000g
 Lab Check # ID: 1000g

Number-w/ DELT: BROWN
 Number of Mortalities: 265
 Number of Vouchers: 265
 Number Marked: 140
 Number Recaptured: 1000g
 Lab Check # ID: 1000g

Number-w/ DELT: BROWN
 Number of Mortalities: 220
 Number of Vouchers: 220
 Number Marked: 100
 Number Recaptured: 1000g
 Lab Check # ID: 1000g

Number-w/ DELT: BROWN
 Number of Mortalities: 175
 Number of Vouchers: 175
 Number Marked: 55
 Number Recaptured: 1000g
 Lab Check # ID: 1000g

Number-w/ DELT: BROWN
 Number of Mortalities: 155
 Number of Vouchers: 155
 Number Marked: 38
 Number Recaptured: 1000g
 Lab Check # ID: 1000g

Number-w/ DELT: BROWN
 Number of Mortalities: 145
 Number of Vouchers: 145
 Number Marked: 130
 Number Recaptured: 1000g
 Lab Check # ID: 1000g

Comments / Notes
 25 Mottled sculpin
 20 BROWN TROUT
 13 BROWN TROUT