# STREAM SAMPLING RESULTS

**Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs**

**1998 to Present**

(Note that results prior to May 1, 2003 are fecal coliform and after May 1, 2003 are E. coli)

**CITY OF STAUNTON**
**DEPARTMENT OF PUBLIC WORKS**

| Name | Lewis Creek | | | | Peyton's Creek | | Gum Spring Branch | | | Asylum Creek | | | NT = Not Tested |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Source) | (Hotchkiss) | | | | (Hotchkiss) | | (Hotchkiss) | | | (Hotchkiss) | | | |
| Alt. Name | Lewis Creek | | | | Buttermilk Spring Run | | Peyton Creek | | | Asylum Creek | | | |
| (Source) | (City GIS) | | | | (City GIS) | | (City GIS) | | | (City GIS) | | | |
| DATE | MBR 15 | VSDB 7 | STP 1 | VMM 35 | BSR 34 | REC 29 | GHP 26 | CA A | CBD 11 | OGR 33 | BWE B | SCC 21 | COMMENTS |
| 07/06/98 | 2,600 | NT | NT | NT | NT | 20,000 | NT | NT | NT | NT | NT | NT | |
| 07/07/98 | NT | NT | NT | NT | NT | NT | 1,130 | NT | 4,200 | NT | NT | NT | |
| 07/15/98 | NT | 5,800 | 5,500 | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 07/16/98 | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | 20,000 | |
| 08/04/98 | 490 | NT | 490 | NT | NT | 1,630 | NT | NT | NT | NT | NT | NT | |
| 08/10/98 | 1,635 | NT | 1,220 | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 08/13/98 | 1,050 | NT | NT | NT | NT | 1,660 | NT | NT | NT | NT | NT | NT | |
| 10/08/98 | 8,600 | 20,000 | 20,000 | 20,000 | 2,210 | 7,800 | 6,100 | NT | 9,700 | 3,100 | NT | 6,300 | |
| 11/11/98 | 4,600 | 6,700 | 3,400 | 4,800 | NT | NT | NT | NT | NT | NT | NT | NT | |
| 11/13/98 | NT | NT | NT | NT | 960 | 11,000 | 130 | NT | 1,680 | 10 | NT | 8,700 | |
| 12/10/98 | 124 | 197 | 620 | 1,000 | 72 | 212 | 78 | NT | 742 | 118 | NT | 590 | |
| 01/21/99 | 172 | 1,150 | 280 | 128 | 305 | 4,980 | 1,680 | NT | 2,220 | 56 | NT | 250 | |
| 02/19/99 | 1,100 | 2,370 | 760 | 690 | 134 | 940 | 239 | NT | 3,710 | 8 | NT | 1,240 | |
| 03/27/99 | 40 | 2,000 | 82 | 45 | 15 | 2,100 | 33 | NT | 3,500 | 24 | NT | 5,000 | |
| 04/24/99 | 310 | 2,300 | 420 | 118 | 8 | 5,500 | 3,430 | NT | 1,280 | 740 | NT | 1,260 | |
| 05/22/99 | 1,500 | 5,950 | NT | 1,080 | 960 | 6,340 | 710 | NT | 7,240 | 110 | NT | 1,000 | |
| 06/03/99 | 930 | NT | NT | NT | 500 | 20,000 | NT | NT | NT | NT | NT | NT | |
| 06/08/99 | NT | NT | 720 | 350 | NT | 2,200 | NT | NT | NT | 260 | NT | 1,990 | |
| 06/09/99 | NT | 3,900 | NT | NT | NT | NT | 590 | NT | 6,500 | NT | NT | NT | |
| 06/17/99 | NT | NT | 20,000 | 4,000 | NT | 9,600 | NT | NT | NT | NT | NT | NT | |
| 06/18/99 | NT | NT | NT | NT | 1,350 | 1,000 | NT | NT | NT | NT | NT | NT | |
| 06/22/99 | NT | 4,500 | NT | NT | NT | NT | 210 | NT | 15,600 | 86 | NT | 610 | |
| 06/24/99 | 270 | NT | 300 | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 07/01/99 | NT | NT | NT | NT | NT | NT | 930 | NT | NT | 270 | NT | 1,800 | |
| 07/02/99 | NT | NT | 1,540 | 1,080 | NT | NT | NT | NT | 6,300 | NT | NT | NT | |
| 07/07/99 | 1,030 | NT | NT | NT | 600 | 12,000 | NT | NT | NT | NT | NT | NT | |
| 07/08/99 | NT | 20,000 | NT | NT | NT | 2,740 | 540 | NT | 3,160 | NT | NT | NT | |
| 07/20/99 | NT | NT | NT | NT | 980 | 3,700 | NT | NT | NT | NT | NT | NT | |
| 07/21/99 | NT | NT | NT | NT | NT | NT | 840 | NT | 4,700 | NT | NT | NT | |
| 07/23/99 | 230 | NT | NT | NT | NT | NT | NT | NT | NT | 16 | NT | 1,300 | |
| 07/27/99 | NT | 4,200 | 990 | 900 | NT | 690 | NT | NT | NT | NT | NT | NT | |
| 07/29/99 | NT | NT | NT | NT | NT | NT | 1,470 | NT | NT | 150 | NT | 20,000 | |
| 07/30/99 | NT | NT | NT | NT | NT | 520 | NT | NT | 1,210 | NT | NT | 380 | |
| 08/03/99 | NT | 2,700 | 720 | 710 | NT | NT | 208 | NT | 7,700 | NT | NT | NT | |

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**1998 to Present**

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| Name | Lewis Creek | | | | Peyton's Creek | | Gum Spring Branch | | | Asylum Creek | | | NT = Not Tested |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Source) | (Hotchkiss) | | | | (Hotchkiss) | | (Hotchkiss) | | | (Hotchkiss) | | | |
| Alt. Name | Lewis Creek | | | | Buttermilk Spring Run | | Peyton Creek | | | Asylum Creek | | | |
| (Source) | (City GIS) | | | | (City GIS) | | (City GIS) | | | (City GIS) | | | |
| **DATE** | **MBR 15** | **VSDB 7** | **STP 1** | **VMM 35** | **BSR 34** | **REC 29** | **GHP 26** | **CA A** | **CBD 11** | **OGR 33** | **BWE B** | **SCC 21** | **COMMENTS** |
| 08/27/99 | 490 | NT | NT | NT | 360 | 350 | NT | NT | NT | 170 | NT | 348 | |
| 09/15/99 | NT | 3,900 | 1,030 | 1,280 | NT | NT | 570 | NT | 1,280 | NT | NT | NT | |
| 09/24/99 | 490 | NT | NT | NT | 2,800 | 830 | NT | NT | NT | 7 | NT | 200 | |
| 10/27/99 | 159 | 3,700 | 960 | 170 | 980 | 196 | 84 | NT | 9,800 | 33 | NT | 42 | |
| 11/19/99 | 98 | 1,750 | 100 | 52 | NT | NT | 15 | NT | 2,640 | NT | NT | NT | |
| 11/24/99 | NT | NT | NT | NT | 98 | 232 | NT | NT | NT | 5 | NT | 68 | |
| 12/21/99 | 156 | 1,980 | 138 | 42 | NT | NT | 182 | NT | 2,580 | NT | NT | NT | |
| 12/30/99 | NT | NT | NT | NT | 52 | 2 | NT | NT | NT | 1 | NT | 10 | |
| 01/26/00 | NT | 570 | 25 | 4 | NT | NT | 12 | NT | 690 | NT | NT | NT | |
| 01/29/00 | 5 | NT | NT | NT | 10 | 196 | NT | NT | NT | 1 | NT | 1 | |
| 02/17/00 | NT | 560 | 35 | 3 | NT | NT | 20 | NT | 2,440 | NT | NT | NT | |
| 02/24/00 | NT | NT | NT | NT | 7 | 18 | NT | NT | NT | 1 | NT | 18 | |
| 03/29/00 | 420 | 1,930 | 266 | 88 | 9 | 248 | 20 | NT | 1,590 | 6 | NT | 30 | |
| 04/28/00 | 630 | 360 | 170 | 162 | 44 | 1,360 | 970 | NT | 4,380 | 84 | NT | 1,450 | |
| 05/18/00 | NT | 3,100 | 1,700 | 540 | NT | NT | 1,200 | NT | 4,400 | NT | NT | NT | |
| 05/25/00 | 360 | NT | NT | NT | 580 | 2,900 | NT | NT | NT | 80 | NT | 340 | |
| 06/22/00 | 1,060 | 11,900 | 4,300 | 6,000 | 1,470 | 2,700 | 1,700 | NT | 16,500 | 200 | NT | 2,600 | |
| 07/01/00 | 1,380 | 4,200 | 2,600 | 1,000 | 550 | 9,200 | 550 | NT | 10,800 | 118 | NT | 690 | |
| 08/10/00 | 320 | 7,200 | 4,500 | 930 | 2,900 | 4,600 | 75 | NT | 10,400 | 27 | NT | 440 | |
| 09/14/00 | 2,000 | 6,300 | 1,150 | 980 | 490 | 1,200 | 620 | NT | 8,100 | 10 | NT | 420 | |
| 10/15/00 | 270 | 13,230 | 345 | 433 | 95 | 578 | 152 | NT | 4,650 | 1 | NT | 56 | |
| 11/30/00 | 30 | 160 | 66 | 220 | 25 | 198 | 35 | NT | 9,640 | 132 | NT | 40 | |
| 12/12/00 | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 01/12/01 | 40 | 1,030 | 37 | 68 | 98 | 60 | 17 | NT | 1,420 | 2 | NT | 20 | |
| 02/15/01 | 164 | 1,290 | 340 | 256 | 24 | 290 | 112 | NT | 510 | 2 | NT | 37 | |
| 03/30/01 | 540 | 300 | 150 | 220 | 2 | 204 | 70 | NT | 390 | 7 | NT | 18 | |
| 04/30/01 | 560 | 810 | 136 | 15 | 5 | 120 | 158 | NT | 1,050 | 6 | NT | 60 | |
| 05/24/01 | 1,560 | 2,000 | 3,700 | 400 | 112 | 400 | 460 | NT | 2,470 | 56 | NT | 204 | |
| 06/28/01 | NT | NT | NT | NT | NT | NT | NT | NT | 3,700 | NT | NT | NT | |
| 06/30/01 | 540 | 3,100 | 590 | 550 | 60 | 1,470 | 182 | NT | 820 | 55 | NT | 526 | |
| 07/02/01 | NT | NT | NT | NT | NT | NT | NT | NT | 3,300 | NT | NT | NT | |
| 07/26/01 | 209 | 4,100 | 1,320 | 760 | 55 | 290 | 118 | NT | 12,200 | 18 | NT | 200 | |
| 08/28/01 | 510 | 1,160 | 790 | 1,120 | 109 | 440 | 510 | NT | 1,170 | 1 | NT | 370 | |
| 09/25/01 | 620 | 1,620 | 2,300 | 5,000 | 100 | 270 | 210 | NT | 3,600 | 420 | NT | 1,900 | |

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**1998 to Present**

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**CITY OF STAUNTON**
**DEPARTMENT OF PUBLIC WORKS**

| Name | Lewis Creek | | | | Peyton's Creek | | Gum Spring Branch | | | Asylum Creek | | | NT = Not Tested |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Source) | (Hotchkiss) | | | | (Hotchkiss) | | (Hotchkiss) | | | (Hotchkiss) | | | |
| Alt. Name | Lewis Creek | | | | Buttermilk Spring Run | | Peyton Creek | | | Asylum Creek | | | |
| (Source) | (City GIS) | | | | (City GIS) | | (City GIS) | | | (City GIS) | | | |
| **DATE** | **MBR 15** | **VSDB 7** | **STP 1** | **VMM 35** | **BSR 34** | **REC 29** | **GHP 26** | **CA A** | **CBD 11** | **OGR 33** | **BWE B** | **SCC 21** | **COMMENTS** |
| 10/31/01 | 36 | 480 | 160 | 40 | 182 | 45 | 20 | NT | 580 | 40 | NT | 10 | |
| 11/30/01 | 122 | 1,210 | 580 | 231 | 20 | 252 | 211 | NT | 3,500 | 10 | NT | 54 | |
| 12/19/01 | 148 | 720 | 132 | 23 | 10 | 118 | 15 | NT | 440 | 43 | NT | 20 | |
| 01/29/02 | 18 | 1,630 | 680 | 8 | 6 | 32 | 15 | NT | 3,640 | 6 | NT | 30 | |
| 02/26/02 | 28 | 630 | 1,860 | 40 | 2 | 260 | 40 | NT | 1,830 | 2 | NT | 4 | |
| 03/26/02 | 50 | 290 | 9 | 10 | 9 | 9 | 560 | NT | 1,080 | 9 | NT | 9 | |
| 04/26/02 | 320 | 243 | 62 | 112 | 10 | 2,370 | 1,030 | NT | 1,010 | 8 | NT | 21 | |
| 05/22/02 | 86 | 150 | 247 | 23 | 38 | 78 | 98 | NT | 1,110 | 1 | NT | 20 | |
| 06/18/02 | 60 | 20,000 | 270 | 340 | 770 | 500 | 150 | NT | 20,000 | 36 | NT | 790 | |
| 07/30/02 | 140 | 20,000 | 160 | 310 | 280 | 36 | 200 | NT | 20,000 | 80 | NT | 290 | |
| 08/27/02 | 118 | 980 | 220 | 220 | 40 | 1 | 163 | NT | 2,285 | 1 | NT | 9 | |
| 09/24/02 | 260 | 410 | 250 | 170 | 120 | 1 | 530 | NT | 4,100 | 40 | NT | 45 | |
| 10/31/02 | 198 | 1,190 | 254 | 120 | 18 | 48 | 970 | NT | 3,310 | 66 | NT | 70 | |
| 11/30/02 | 78 | 298 | 25 | 14 | 46 | 30 | 100 | NT | 5,360 | 4 | NT | 44 | |
| 12/31/02 | 23 | 400 | 20 | 52 | 52 | 8 | 20,000 | NT | 650 | 114 | NT | 15 | |
| 01/31/03 | 78 | 403 | 78 | 68 | 4 | 36 | 26 | NT | 1,940 | 3 | NT | 76 | |
| 02/28/03 | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 03/29/03 | 10 | 100 | 20 | 10 | 10 | 20 | 20 | NT | 280 | 10 | NT | 10 | |
| 04/29/03 | 216 | 522 | 377 | 198 | 169 | 258 | 46 | NT | 1,712 | 2 | NT | 42 | Fecal Coliform |
| 05/31/03 | 116 | 516 | 1,928 | 378 | 2 | 60 | 106 | NT | 2,140 | 24 | NT | 3,492 | E. coli |
| 06/25/03 | 300 | 2,700 | 780 | 300 | 60 | 500 | 60 | NT | 8,900 | 40 | NT | 160 | |
| 07/29/03 | 330 | 890 | 1,150 | 1,040 | 170 | 400 | 280 | NT | 2,200 | 100 | NT | 520 | |
| 08/26/03 | 200 | 330 | 280 | 500 | 260 | 90 | 290 | NT | 620 | 280 | NT | 1,070 | |
| 09/26/03 | 921 | 3,609 | 3,654 | 2,359 | 93 | 153 | 2,419 | NT | 17,329 | 43 | NT | 34 | |
| 10/30/03 | 1,012 | 1,987 | 326 | 152 | 38 | 121 | 96 | NT | 6,488 | 9 | NT | 509 | |
| 11/13/03 | 3,608 | 2,273 | 2,566 | 3,549 | 296 | 308 | 2,715 | NT | 2,208 | 139 | NT | 243 | |
| 12/29/03 | 77 | 20,000 | 3,076 | 1,112 | 19 | 393 | 1,674 | NT | 7,701 | 261 | NT | 1,664 | |
| 01/31/04 | 24 | 579 | 2,420 | 19 | 98 | 44 | 160 | NT | NT | 3 | NT | 8 | |
| 02/27/04 | 102 | 135 | 31 | 20 | 27 | 52 | 20 | NT | 684 | 2 | NT | 41 | |
| 03/31/04 | 305 | 1,439 | 404 | 249 | 33 | 1,396 | 97 | NT | 5,748 | 10 | NT | 323 | |
| 04/24/04 | 411 | 495 | 517 | 411 | 75 | 313 | 58 | NT | 464 | 20 | NT | 211 | |
| 05/27/04 | 3,654 | 3,250 | 5,172 | 8,164 | 1,198 | 1,198 | 1,050 | NT | 3,448 | 146 | NT | 878 | |
| 06/29/04 | 2,247 | 1,723 | 1,722 | 186 | 189 | 663 | 1,401 | NT | 3,873 | 85 | NT | 1,421 | |
| 07/27/04 | 1,220 | 2,310 | 2,620 | 1,210 | 100 | 1,870 | 1,090 | NT | 11,120 | 100 | NT | 520 | |

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**1998 to Present**

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| Name | Lewis Creek | | | | Peyton's Creek | | Gum Spring Branch | | | Asylum Creek | | | NT = Not Tested |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Source) | (Hotchkiss) | | | | (Hotchkiss) | | (Hotchkiss) | | | (Hotchkiss) | | | |
| Alt. Name | Lewis Creek | | | | Buttermilk Spring Run | | Peyton Creek | | | Asylum Creek | | | |
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| **DATE** | **MBR 15** | **VSDB 7** | **STP 1** | **VMM 35** | **BSR 34** | **REC 29** | **GHP 26** | **CA A** | **CBD 11** | **OGR 33** | **BWE B** | **SCC 21** | **COMMENTS** |
| 08/28/04 | 630 | 980 | 1,100 | 2,160 | 100 | 860 | 100 | NT | 3,930 | 100 | NT | 200 | |
| 09/30/04 | 1,480 | 3,880 | 2,430 | 3,690 | 335 | 740 | 2,950 | NT | 7,120 | 740 | NT | 410 | |
| 10/29/04 | 173 | 2,613 | 988 | 722 | 52 | 884 | 278 | NT | 7,270 | 31 | NT | 197 | |
| 11/29/04 | 538 | 5,794 | 259 | 218 | 23 | 98 | 41 | NT | 2,613 | 23 | NT | 74 | |
| 12/27/04 | 41 | 794 | 97 | 10 | 20 | 10 | 10 | NT | 2,098 | 10 | NT | 20 | |
| 01/29/05 | 43 | 1,250 | 34 | 19 | 7 | 7 | 6 | NT | 2,282 | 3 | NT | 39 | |
| 02/23/05 | 10 | 504 | 225 | 42 | 7 | 248 | 12 | NT | 990 | 1 | NT | 179 | |
| 03/21/05 | 42 | 313 | 50 | 13 | 1 | 15 | 6 | NT | 1,274 | 2 | NT | 74 | |
| 04/21/05 | 326 | 2,187 | 387 | 248 | 133 | 399 | 91 | NT | 3,130 | 2 | NT | 120 | |
| 05/16/05 | 249 | 1,597 | 816 | 517 | 65 | 794 | 248 | NT | 3,448 | 29 | NT | 291 | |
| 06/16/05 | 2,220 | 2,540 | 870 | 530 | 324 | 2,380 | 1,640 | NT | 4,780 | 87 | NT | 640 | |
| 07/19/05 | 520 | 3,930 | 2,720 | 1,710 | 310 | 1,690 | 520 | NT | 20,000 | 100 | NT | 520 | |
| 08/08/05 | NT | NT | NT | NT | NT | NT | 310 | NT | 12,230 | NT | NT | NT | |
| 08/18/05 | 1,220 | 4,130 | 3,590 | 860 | 200 | 3,690 | 3,100 | NT | 10,190 | 630 | NT | 200 | |
| 09/01/05 | NT | NT | NT | NT | NT | NT | 960 | NT | 7,890 | NT | NT | NT | |
| 09/20/05 | 520 | 2,560 | 1,110 | 2,060 | 100 | 5,210 | 410 | NT | 5,540 | 200 | NT | 860 | |
| 10/27/05 | 231 | 1,616 | 933 | 246 | 112 | 1,291 | 183 | NT | 5,475 | 42 | NT | 211 | |
| 11/14/05 | 77 | 697 | 262 | 145 | 84 | 305 | 122 | NT | 1,607 | 15 | NT | 84 | |
| 12/26/05 | 387 | 2,489 | 816 | 816 | 26 | 93 | 150 | NT | 3,654 | 115 | NT | 117 | |
| 01/31/06 | 33 | 2,098 | 116 | 71 | 52 | 20 | 28 | NT | 5,475 | 29 | NT | 159 | |
| 02/21/06 | 9 | 435 | 33 | 11 | 5 | 10 | 16 | NT | 1,664 | 1 | NT | 18 | |
| 03/27/06 | 20 | 70 | 44 | 17 | 31 | 42 | 20 | NT | 399 | 6 | NT | 73 | |
| 04/18/06 | 131 | 6,131 | 206 | 172 | 73 | 121 | 66 | NT | 1,553 | 15 | NT | 119 | |
| 04/21/06 | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 04/24/06 | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 05/16/06 | 345 | 980 | 435 | 387 | 205 | 457 | 172 | NT | 5,475 | 150 | NT | 248 | |
| 05/20/06 | 921 | 2,359 | 214 | 248 | 99 | 275 | 144 | NT | 8,664 | 142 | NT | 225 | |
| 06/21/06 | 435 | 1,850 | 813 | 7,701 | 248 | 3,076 | 579 | NT | 12,997 | 59 | NT | 727 | |
| 07/28/06 | 740 | 4,320 | 4,870 | 2,280 | 100 | 1,090 | 630 | NT | 6,770 | 100 | NT | 520 | |
| 08/21/06 | 225 | 5,280 | 1,600 | 1,580 | 40 | 200 | 154 | NT | 12,910 | 61 | NT | 548 | |
| 09/18/06 | 276 | 2,030 | 435 | 517 | 154 | 172 | 125 | NT | 5,120 | 105 | NT | 236 | |
| 10/16/06 | 236 | 309 | 184 | 389 | 21 | 91 | 37 | NT | 863 | 40 | NT | 119 | |
| 11/18/06 | 1,986 | 1,733 | 1,203 | 1,414 | 119 | 140 | 152 | NT | 770 | 548 | NT | 326 | |
| 12/21/06 | 160 | 225 | 248 | 186 | 29 | 157 | 17 | NT | 387 | 23 | NT | 155 | |

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| **DATE** | **MBR 15** | **VSDB 7** | **STP 1** | **VMM 35** | **BSR 34** | **REC 29** | **GHP 26** | **CA A** | **CBD 11** | **OGR 33** | **BWE B** | **SCC 21** | **COMMENTS** |
| 01/18/07 | 172 | 83 | 285 | 58 | 23 | 40 | 10 | NT | 214 | 65 | NT | 124 | |
| 02/28/07 | 11 | 167 | 88 | 10 | 7 | 613 | 5 | NT | 613 | 96 | NT | 276 | |
| 03/10/07 | 205 | 161 | 187 | 79 | 40 | 291 | 17 | NT | 225 | 18 | NT | 31 | |
| 04/26/07 | 579 | 1,986 | 1,986 | 461 | 248 | 166 | 105 | NT | 2,419 | 23 | NT | 308 | |
| 05/14/07 | 435 | 512 | 512 | 345 | 219 | 248 | 73 | NT | 933 | 50 | NT | 276 | |
| 06/21/07 | 20,000 | 1,450 | 833 | 987 | 85 | 907 | 537 | NT | 2,780 | 262 | NT | 637 | |
| 07/29/07 | 7,540 | 2,180 | 350 | 1,313 | 2,105 | 200 | 591 | NT | 14,830 | 74 | NT | 624 | |
| 08/26/07 | 2,755 | 630 | 1,223 | 959 | 84 | 512 | 644 | NT | 1,750 | 173 | NT | 495 | |
| 09/27/07 | 1,722 | 862 | 1,354 | 2,247 | 52 | 613 | 201 | NT | 2,590 | 97 | NT | 161 | |
| 10/29/07 | 921 | 905 | 205 | 1,414 | 30 | 461 | 345 | NT | 5,794 | 225 | NT | 276 | |
| 11/28/07 | 135 | 291 | 238 | 816 | 44 | 165 | 43 | NT | 1,986 | 70 | NT | 102 | |
| 12/31/07 | 116 | 91 | 99 | 2,419 | 4 | 345 | 28 | NT | 980 | 17 | NT | 179 | |
| 01/30/08 | 139 | 308 | 93 | 30 | 27 | 68 | 25 | NT | 261 | 10 | NT | 116 | |
| 02/09/08 | 91 | 261 | 59 | 160 | 18 | 387 | 45 | NT | 219 | 26 | NT | 548 | |
| 03/21/08 | 1,203 | 2,419 | 194 | 345 | 49 | 248 | 71 | NT | 2,419 | 11 | NT | 172 | |
| 04/19/08 | 435 | 1,956 | 2,419 | 291 | 108 | 461 | 120 | NT | 5,172 | 3 | NT | 111 | |
| 05/22/08 | 461 | 480 | 1,203 | 387 | 143 | 613 | 435 | 228 | 1,046 | 20 | NT | 517 | |
| 06/23/08 | 1,722 | 1,793 | 1,515 | 1,467 | 299 | 5,475 | 480 | 960 | 2,920 | 173 | NT | 1,259 | |
| 07/07/08 | 663 | 1,333 | 1,086 | 1,046 | 345 | 1,935 | 455 | 789 | 1,210 | 63 | NT | 833 | |
| 08/18/08 | 364 | 2,650 | 4,611 | 571 | 1,296 | 1,414 | 345 | 1,137 | 8,360 | 565 | NT | 530 | |
| 09/20/08 | 185 | 1,722 | 594 | 314 | 109 | 714 | 620 | 471 | 1,119 | <10 | NT | 74 | |
| 10/13/08 | 598 | 3,873 | 933 | 278 | 435 | 1,291 | 160 | 379 | 4,106 | 70 | NT | 231 | |
| 11/20/08 | 687 | 933 | 921 | 308 | 35 | 186 | 84 | 113 | 1,789 | 157 | NT | 154 | |
| 12/27/08 | 39 | 457 | 308 | 88 | 15 | 172 | 135 | 185 | 1,012 | 326 | NT | 548 | |
| 01/30/09 | 10 | 980 | 548 | 291 | 11 | 30 | 135 | 45 | 194 | 37 | NT | 194 | |
| 02/26/09 | 35 | 260 | 79 | 12 | 172 | 17 | 17 | 36 | 248 | 22 | NT | 96 | |
| 03/31/09 | 45 | 205 | 99 | 86 | 41 | 78 | 9 | 1,046 | 387 | 17 | NT | 40 | |
| 04/28/09 | 116 | 1,354 | 517 | 276 | 155 | 345 | 187 | 41 | 1,019 | 14 | NT | 93 | |
| 05/25/09 | 3,873 | 2,909 | 794 | 771 | 109 | 2,755 | 411 | 2,755 | 8,164 | 20 | NT | 435 | |
| 06/29/09 | 1,120 | 2,098 | 1,597 | 884 | 1,120 | 1,723 | 866 | 2,909 | 3,654 | 26 | NT | 921 | |
| 07/07/09 | 528 | 2,247 | 1,597 | 960 | 1,046 | 1,565 | 276 | 504 | 15,531 | 214 | NT | 727 | |
| 08/13/09 | 173 | 1,553 | 722 | 836 | 121 | 669 | 744 | 275 | 6,867 | 160 | NT | 631 | |
| 09/28/09 | 166 | 1,169 | 548 | 613 | 133 | 770 | 579 | 548 | 4,106 | 122 | NT | 228 | |
| 10/26/09 | 48 | 980 | 261 | 48 | 116 | 980 | 133 | 326 | 1,986 | 150 | NT | 68 | |

# STREAM SAMPLING RESULTS

**Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs**

**1998 to Present**

(Note that results prior to May 1, 2003 are fecal coliform and after May 1, 2003 are E. coli)

**CITY OF STAUNTON**
**DEPARTMENT OF PUBLIC WORKS**

| Name | Lewis Creek | | | | Peyton's Creek | | Gum Spring Branch | | | Asylum Creek | | | NT = Not Tested |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Source) | (Hotchkiss) | | | | (Hotchkiss) | | (Hotchkiss) | | | (Hotchkiss) | | | |
| Alt. Name | Lewis Creek | | | | Buttermilk Spring Run | | Peyton Creek | | | Asylum Creek | | | |
| (Source) | (City GIS) | | | | (City GIS) | | (City GIS) | | | (City GIS) | | | |
| **DATE** | **MBR 15** | **VSDB 7** | **STP 1** | **VMM 35** | **BSR 34** | **REC 29** | **GHP 26** | **CA A** | **CBD 11** | **OGR 33** | **BWE B** | **SCC 21** | **COMMENTS** |
| 11/28/09 | 49 | 365 | 179 | 77 | 115 | 122 | 93 | 727 | 1,120 | 179 | NT | 111 | |
| 12/12/09 | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 01/20/10 | 111 | 517 | 194 | 109 | 18 | 51 | 16 | 194 | 770 | 31 | NT | 63 | |
| 02/28/10 | 205 | 291 | NT | NT | NT | 86 | 22 | NT | 461 | 3 | NT | 153 | |
| 03/30/10 | 1,120 | 1,414 | 770 | 517 | 87 | 22 | 46 | 326 | 1,120 | 25 | NT | 43 | |
| 04/26/10 | 278 | 657 | 248 | 201 | 88 | 1,120 | 81 | 326 | 1,071 | 3 | NT | 114 | |
| 05/28/10 | 14,136 | 1,850 | 1,046 | 833 | 210 | 921 | 326 | 488 | 1,935 | 99 | NT | 586 | |
| 06/21/10 | 2,359 | 10,462 | 2,187 | 495 | 96 | 185 | 727 | 738 | 20,000 | 105 | NT | 1,086 | |
| 07/15/10 | 395 | 8,664 | 2,851 | 1,246 | 331 | 933 | 708 | 644 | 8,570 | 183 | NT | 547 | |
| 08/16/10 | 546 | 1,990 | 4,106 | 650 | 237 | 3,076 | 318 | 1,043 | 2,750 | 41 | NT | 529 | |
| 09/09/10 | 253 | 2,590 | 794 | 1,664 | 108 | 187 | 605 | 487 | 2,001 | 265 | NT | 295 | |
| 10/16/10 | 110 | 6,488 | 681 | 350 | 40 | 135 | 488 | 4,106 | 6,867 | 93 | NT | 147 | |
| 11/17/10 | 548 | 1,785 | 461 | 248 | 47 | 140 | 120 | 96 | 158 | 980 | NT | 112 | |
| 12/20/10 | 86 | 1,414 | 102 | 30 | 6 | 38 | 135 | 108 | 1,986 | 201 | NT | 85 | |
| 01/17/11 | 72 | 517 | 38 | 488 | 2 | 42 | 28 | 20 | 261 | 548 | NT | 59 | |
| 02/14/11 | 48 | 411 | 82 | 3 | 7 | 93 | 2 | 23 | 1,553 | 32 | NT | 12 | |
| 03/14/11 | 108 | 222 | 236 | 1,733 | 48 | 102 | 17 | 34 | 102 | 18 | NT | 11 | |
| 04/20/11 | 644 | 836 | 291 | 866 | 86 | 147 | 214 | 272 | 292 | 11 | NT | 194 | |
| 05/15/11 | 1,669 | 8,212 | 4,962 | 3,255 | 517 | 1,300 | 1,733 | 12,033 | 10,950 | 28 | NT | 4,611 | |
| 06/11/11 | 4,352 | 2,828 | 2,613 | 3,255 | 548 | 3,654 | 1,553 | 7,270 | 922 | 152 | NT | 1,664 | |
| 07/15/11 | 583 | 2,472 | 990 | 2,666 | 236 | 1,126 | 1,733 | 379 | 686 | 51 | 766 | 231 | |
| 08/06/11 | 399 | 98,040 | 1,178 | 1,920 | 393 | 2,909 | 393 | 389 | 1,406 | 98 | 1,119 | 1,019 | SSO above VSDB |
| 09/17/11 | 145 | 970 | 201 | 1,450 | 98 | 839 | 512 | 465 | 990 | 20 | 173 | 97 | |
| 10/15/11 | 309 | 933 | 233 | 4,611 | 105 | 457 | 148 | 158 | 933 | 37 | 341 | 167 | |
| 11/13/11 | 32 | 749 | 238 | 906 | 37 | 1,733 | 38 | 1,455 | 2,755 | 866 | 27 | 12 | |
| 12/15/11 | 127 | 189 | 109 | 789 | 17 | 51 | 23 | 142 | 211 | 54 | 23 | 19 | |
| 01/26/12 | 39 | 159 | 43 | 649 | 102 | 64 | 11 | 64 | 68 | 7 | 61 | 24 | |
| 02/13/12 | 58 | 129 | 43 | 326 | 34 | 73 | 4 | 6 | 102 | 68 | 88 | 32 | |
| 03/12/12 | 45 | 192 | 27 | 236 | 50 | 31 | 11 | 51 | 83 | 5 | 19 | 16 | |
| 04/12/12 | 179 | 187 | 113 | 565 | 26 | 77 | 49 | 411 | 717 | 5 | 93 | 109 | |
| 05/19/12 | 1,500 | 1,314 | 789 | 320 | 105 | 219 | 291 | 110 | 573 | 31 | 175 | 644 | |
| 06/16/12 | 1,198 | 2,092 | 1,860 | 471 | 184 | 1,246 | 196 | 530 | 746 | 51 | 933 | 624 | |
| 07/19/12 | 504 | 2,666 | 794 | 700 | 102 | 416 | 6,131 | 1,210 | 1,710 | 70 | 886 | 789 | |
| 08/16/12 | 395 | 2,618 | 1,333 | 882 | 134 | 309 | 1,266 | 613 | 498 | 86 | 512 | 631 | |

# STREAM SAMPLING RESULTS

**Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs**

**1998 to Present**

(Note that results prior to May 1, 2003 are fecal coliform and after May 1, 2003 are E. coli)

**CITY OF STAUNTON**
**DEPARTMENT OF PUBLIC WORKS**

| Name | Lewis Creek | | | | Peyton's Creek | | Gum Spring Branch | | | Asylum Creek | | | NT = Not Tested |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Source) | (Hotchkiss) | | | | (Hotchkiss) | | (Hotchkiss) | | | (Hotchkiss) | | | |
| Alt. Name | Lewis Creek | | | | Buttermilk Spring Run | | Peyton Creek | | | Asylum Creek | | | |
| (Source) | (City GIS) | | | | (City GIS) | | (City GIS) | | | (City GIS) | | | |
| **DATE** | **MBR 15** | **VSDB 7** | **STP 1** | **VMM 35** | **BSR 34** | **REC 29** | **GHP 26** | **CA A** | **CBD 11** | **OGR 33** | **BWE B** | **SCC 21** | **COMMENTS** |
| 09/22/12 | 426 | 1,182 | 471 | 331 | 213 | 134 | 933 | 432 | 748 | 20 | 234 | 379 | |
| 10/20/12 | 52 | 2,014 | 594 | 323 | 261 | 84 | 291 | 591 | 359 | 15 | 3,076 | 770 | |
| 11/17/12 | 35 | 1,058 | 107 | 74 | 517 | 47 | 93 | 1,860 | 789 | 6 | 45 | 99 | |
| 12/15/12 | 22 | 909 | 140 | 31 | 250 | 28 | 28 | 326 | 313 | 140 | 40 | 28 | |
| 01/07/13 | 11 | 727 | 22 | 7 | 14 | 54 | 17 | 57 | 387 | 11 | 38 | 225 | |
| 02/14/13 | 21 | 166 | 43 | 6 | 365 | 19 | 6 | 32 | 248 | 16 | 19 | 91 | |
| 03/09/13 | 48 | 866 | 24 | 20 | 61 | 62 | 89 | 276 | 1,046 | 20 | 24 | 19 | |
| 04/11/13 | 112 | 749 | 142 | 301 | 99 | 88 | 48 | 31 | 4,106 | 12 | 62 | 130 | |
| 05/13/13 | 259 | 1,262 | 1,022 | 292 | 101 | 146 | 488 | 389 | 838 | 28 | 121 | 160 | |
| 06/15/13 | 450 | 646 | 896 | 379 | 387 | 563 | 365 | 697 | 914 | 38 | 644 | 368 | |
| 07/19/13 | 1,126 | 1,660 | 1,309 | 636 | 345 | 2,481 | 598 | 613 | 882 | 114 | 1,935 | 1,860 | |
| 08/14/13 | 1,722 | 682 | 683 | 270 | 30 | 959 | 262 | 331 | 492 | 31 | 2,755 | 135 | |
| 09/12/13 | 1,935 | 350 | 1,722 | 262 | 355 | 1,274 | 670 | 364 | 778 | 86 | 554 | 364 | |
| 10/21/13 | 866 | 265 | 521 | 97 | 79 | 105 | 488 | 487 | 459 | 12 | 512 | 326 | |
| 11/14/13 | 137 | 259 | 236 | 63 | 42 | 45 | 121 | 1,553 | 1,421 | 44 | 75 | 26 | |
| 12/12/13 | 326 | 345 | 69 | 35 | 83 | 37 | 26 | 308 | 576 | 84 | 46 | 51 | |
| 01/09/14 | 41 | 28 | 56 | 46 | 15 | 46 | 20 | 76 | 99 | 3 | 23 | 15 | |
| 02/06/14 | 36 | 63 | 66 | 122 | 14 | 38 | 21 | 28 | 120 | 3 | 43 | 31 | |
| 03/06/14 | 17 | 980 | 124 | 6 | 14 | 44 | 71 | 1,011 | 2,419 | 28 | 50 | 34 | |
| 04/18/14 | 276 | 691 | 214 | 631 | 37 | 63 | 579 | 1,785 | 1,576 | 2 | 42 | 99 | |
| 05/12/14 | 404 | 3,000 | 345 | 492 | 248 | 225 | 305 | 345 | 524 | 4 | 240 | 428 | |
| 06/09/14 | 1,553 | 700 | 1,860 | 1,466 | 326 | 1,169 | 373 | 471 | 436 | 23 | 1,198 | 384 | |
| 07/12/14 | 1,500 | 1,152 | 610 | 1,714 | 308 | 809 | 677 | 495 | 492 | 1,733 | 909 | 256 | |
| 08/19/14 | 928 | 1,454 | 12,997 | 402 | 331 | 4,611 | 529 | 1,236 | 882 | 98 | 2,595 | 794 | |
| 09/19/14 | 782 | 586 | 332 | 452 | 152 | 302 | 397 | 421 | 370 | 121 | 296 | 546 | |
| 10/09/14 | 291 | 2,359 | 1,112 | 538 | 71 | 770 | 857 | 4,352 | 3,654 | 139 | 341 | 345 | |
| 11/10/14 | 165 | 2,613 | 579 | 146 | 99 | 326 | 179 | 4,106 | 4,352 | 13 | 87 | 30 | |
| 12/08/14 | 68 | 988 | 727 | 261 | 76 | 186 | 166 | 173 | 1,054 | 47 | 166 | 144 | |
| 01/16/15 | 17 | 3,076 | 201 | 75 | 214 | 70 | 11 | 16 | 3,255 | 122 | 108 | 59 | |
| 02/25/15 | 10 | 121 | 160 | 4 | 52 | 35 | 435 | 613 | 1,162 | 365 | 249 | 435 | |
| 03/17/15 | 38 | 464 | 314 | 73 | 16 | 261 | 133 | 128 | 272 | 6 | 108 | 61 | |
| 04/18/15 | 291 | 336 | 181 | 73 | 91 | 1,046 | 345 | 166 | 359 | 11 | 101 | 41 | |
| 05/27/15 | 4,352 | 1,764 | 2,359 | 1,439 | 365 | 1,046 | 1,872 | 1,860 | 3,130 | 41 | 1,022 | 1,187 | |
| 06/23/15 | 309 | 3,578 | 1,860 | 584 | 64 | 1,669 | 1,565 | 2,755 | 1,434 | 79 | 1,421 | 275 | |

# STREAM SAMPLING RESULTS

**Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs**

**1998 to Present**

(Note that results prior to May 1, 2003 are fecal coliform and after May 1, 2003 are E. coli)

**CITY OF STAUNTON**
**DEPARTMENT OF PUBLIC WORKS**

| Name | Lewis Creek | | | | Peyton's Creek | | Gum Spring Branch | | | Asylum Creek | | | NT = Not Tested |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Source) | (Hotchkiss) | | | | (Hotchkiss) | | (Hotchkiss) | | | (Hotchkiss) | | | |
| Alt. Name | Lewis Creek | | | | Buttermilk Spring Run | | Peyton Creek | | | Asylum Creek | | | |
| (Source) | (City GIS) | | | | (City GIS) | | (City GIS) | | | (City GIS) | | | |
| **DATE** | **MBR 15** | **VSDB 7** | **STP 1** | **VMM 35** | **BSR 34** | **REC 29** | **GHP 26** | **CA A** | **CBD 11** | **OGR 33** | **BWE B** | **SCC 21** | **COMMENTS** |
| 07/17/15 | 516 | 896 | 1,626 | 1,008 | 36 | 3,654 | 213 | 738 | 1,518 | 344 | 249 | 727 | |
| 08/17/15 | 389 | 662 | 518 | 148 | 365 | 900 | 1,112 | 1,259 | 928 | 66 | 504 | 259 | |
| 09/16/15 | 313 | 240 | 292 | 268 | 89 | 758 | 1,187 | 816 | 636 | 1,300 | 1,401 | 262 | |
| 10/09/15 | 278 | 288 | 160 | 341 | 86 | 528 | 299 | 292 | 120 | 159 | 109 | 93 | |
| 11/10/15 | 432 | 1,439 | 804 | 712 | 548 | 583 | 2,053 | 1,850 | 1,850 | 179 | 338 | 816 | |
| 12/13/15 | 276 | 216 | 364 | 84 | 53 | 63 | 41 | 171 | 379 | 178 | 228 | 81 | |
| 01/14/16 | 142 | 933 | 109 | 96 | 51 | 29 | 3 | 19 | 52 | 38 | 42 | 61 | |
| 02/20/16 | 172 | 727 | 119 | 88 | 37 | 79 | 1 | 249 | 201 | 20 | 45 | 62 | |
| 03/15/16 | 205 | 1,334 | 591 | 249 | 108 | 205 | 59 | 41 | 74 | 9 | 60 | 921 | |
| 04/17/16 | 88 | 278 | 86 | 69 | 81 | 770 | 66 | 48 | 121 | 1 | 32 | 160 | |
| 05/15/16 | 341 | 1,169 | 548 | 364 | 140 | 2,187 | 40 | 727 | 243 | 16 | 365 | 365 | |
| 06/23/16 | 48,384 | 7,746 | 12,976 | 10,462 | 2,419 | 8,664 | 6,152 | 4,962 | 5,446 | 2,419 | 6,294 | 19,863 | Extreme runoff from rain. |
| 07/21/16 | 4,844 | 2,626 | 1,226 | 296 | 101 | 19,863 | 728 | 498 | 386 | 24 | 727 | 364 | Contractor SSO at REC |
| 08/18/16 | 2,489 | 370 | 992 | 362 | 172 | 6,510 | 546 | 416 | 402 | 115 | 601 | 231 | |
| 09/15/16 | 3,654 | 584 | 292 | 242 | 24 | 2,014 | 472 | 262 | 292 | 39 | 620 | 573 | |
| 10/22/16 | 173 | 1,872 | 1,017 | 419 | 140 | 341 | 538 | 2,014 | 2,359 | 73 | 2,098 | 480 | |
| 11/19/16 | 435 | 216 | 203 | 33 | 40 | 154 | 122 | 201 | 121 | 72 | 410 | 73 | |
| 12/21/16 | 51 | 197 | 135 | 11 | 238 | 866 | 17 | 23 | 52 | 9 | 830 | 199 | |
| 01/18/17 | 179 | 146 | 32 | 15 | 56 | 228 | 291 | 131 | 27 | 9 | 63 | 74 | |
| 02/20/17 | 145 | 102 | 16 | 15 | 19 | 108 | 43 | 35 | 70 | 88 | 99 | 387 | |
| 03/16/17 | 214 | 365 | 60 | 35 | 31 | 178 | 105 | 70 | 488 | 2 | 435 | 137 | |
| 04/19/17 | 1,401 | 1,396 | 663 | 213 | 82 | 737 | 105 | 63 | 583 | 10 | 2,014 | 836 | Runoff from rain. |
| 05/20/17 | 4,962 | 959 | 568 | 488 | 586 | 1,578 | 354 | 538 | 4,884 | 63 | 638 | 457 | |
| 06/22/17 | 1,354 | 2,078 | 436 | 498 | 69 | 2,108 | 452 | 320 | 2,500 | 84 | 546 | 452 | |
| 07/20/17 | 1,196 | 2,446 | 1,340 | 662 | 1,733 | 3,300 | 654 | 1,772 | 1,542 | 157 | 426 | 422 | |
| 08/17/17 | 346 | 1,626 | 346 | 550 | 40 | 1,864 | 82 | 218 | 910 | 82 | 452 | 530 | |
| 09/23/17 | 388 | 5,226 | 2,909 | 410 | 83 | 14,136 | 216 | 24,192 | 7,270 | 22 | 723 | 173 | |
| 10/17/17 | 185 | 2,909 | 860 | 416 | 186 | 1,416 | 148 | 82 | 754 | 50 | 613 | 529 | |
| 11/14/17 | 145 | 278 | 259 | 161 | 30 | 292 | 152 | 213 | 798 | 7 | 120 | 199 | |
| 12/07/17 | 133 | 3,255 | 135 | 74 | 32 | 173 | 37 | 73 | 5,172 | 31 | 278 | 126 | |
| 01/17/18 | 79 | 1,553 | 199 | 179 | 2 | 326 | 205 | 387 | 488 | 816 | 28 | 345 | |
| 02/24/18 | 487 | 399 | 228 | 199 | 97 | 301 | 74 | 0 | 74 | 20 | 122 | 265 | |
| 03/10/18 | 288 | 313 | 0 | 48 | 50 | 98 | 22 | 2,419 | 2,143 | 108 | 65 | 419 | |
| 04/11/18 | 146 | 52 | 20 | 61 | 63 | 426 | 41 | 74 | 74 | 20 | 10 | 145 | |

# STREAM SAMPLING RESULTS

**Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs**

**1998 to Present**

(Note that results prior to May 1, 2003 are fecal coliform and after May 1, 2003 are E. coli)

**CITY OF STAUNTON**
**DEPARTMENT OF PUBLIC WORKS**

| Name | Lewis Creek | | | | Peyton's Creek | | Gum Spring Branch | | | Asylum Creek | | | NT = Not Tested |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Source) | (Hotchkiss) | | | | (Hotchkiss) | | (Hotchkiss) | | | (Hotchkiss) | | | |
| Alt. Name | Lewis Creek | | | | Buttermilk Spring Run | | Peyton Creek | | | Asylum Creek | | | |
| (Source) | (City GIS) | | | | (City GIS) | | (City GIS) | | | (City GIS) | | | |
| **DATE** | **MBR 15** | **VSDB 7** | **STP 1** | **VMM 35** | **BSR 34** | **REC 29** | **GHP 26** | **CA A** | **CBD 11** | **OGR 33** | **BWE B** | **SCC 21** | **COMMENTS** |
| 05/14/18 | 4,092 | 322 | 346 | 480 | 40 | 690 | 432 | 244 | 492 | 40 | 518 | 316 | |
| 06/07/18 | 462 | 610 | 346 | 196 | 82 | 366 | 218 | 194 | 602 | 62 | 316 | 466 | |
| 07/24/18 | 2,010 | 1,890 | 3,840 | 2,130 | 980 | 1,350 | 970 | 1,200 | 1,610 | 320 | 2,280 | 2,030 | Runoff from rain. |
| 08/25/18 | 980 | 980 | 410 | 300 | 100 | 2,620 | 960 | 860 | 1,600 | 40 | 200 | 400 | |
| 09/22/18 | 1,450 | 1,480 | 410 | 410 | 520 | 1,850 | 1,220 | 970 | 2,130 | 40 | 410 | 300 | |
| 10/25/18 | 175 | 171 | 145 | 85 | 243 | 295 | 173 | 201 | 171 | 5 | 86 | 120 | |
| 11/27/18 | 295 | 160 | 218 | 145 | 213 | 426 | 134 | 134 | 282 | 20 | 96 | 121 | |
| 12/19/18 | 1,401 | 134 | 160 | 52 | 148 | 10 | 96 | 161 | 158 | 6 | 41 | 906 | |
| 01/08/19 | 171 | 250 | 63 | 63 | 10 | 10 | 336 | 547 | 504 | 2 | 41 | 63 | |
| 02/18/19 | 121 | 246 | 134 | 63 | 3 | 132 | 0 | 278 | 471 | 1 | 10 | 313 | |
| 03/23/19 | 52 | 146 | 30 | 135 | 5 | 10 | 121 | 171 | 341 | 23 | 20 | 331 | |
| 04/19/19 | 1,483 | 295 | 336 | 246 | 86 | 187 | 20 | 63 | 168 | 5 | 110 | 292 | LC/1 - 2419 & LC/2 - 162 |
| 05/18/19 | 959 | 1,050 | 504 | 2,400 | 436 | 265 | 73 | 246 | 364 | 45 | 416 | 228 | LC/1MB-98 & LC1T-7701 |
| 06/15/19 | 410 | 620 | 1,081 | 537 | 74 | 988 | 309 | 448 | 644 | 40 | 262 | 345 | LC/1MB-1178 LC/1T-8212 |
| 07/22/19 | 11,199 | 10,462 | 17,329 | 5,231 | 4,106 | 3,434 | 12,033 | 11,199 | 17,329 | 4,611 | 11,199 | 24,192 | heavy rain / high streams |
| 08/25/19 | 121 | 441 | 437 | 88 | 86 | 197 | 1,036 | 794 | 689 | 98 | 246 | 613 | |
| 09/21/19 | 218 | 2,613 | 2,481 | 798 | 794 | 565 | 2,481 | 2,224 | 4,106 | 31 | 862 | 175 | |
| 10/19/19 | 132 | 393 | 1,017 | 1,291 | 63 | 408 | 1,291 | 613 | 1,086 | 150 | 4,106 | 419 | |
| 11/17/19 | 197 | 1,153 | 216 | 74 | 620 | 313 | 813 | 4,352 | 933 | 4 | 265 | 63 | |
| 12/14/19 | 689 | 1,658 | 1,918 | 984 | 243 | 404 | 2,046 | 2,755 | 471 | 272 | 583 | 1,515 | heavy rain earlier in day |
| 01/20/20 | 63 | 3,076 | 134 | 84 | 20 | 185 | 1,317 | 8,664 | 3,448 | 71 | 74 | 85 | |
| 02/22/20 | 189 | 2,359 | 199 | 31 | 20 | 183 | 2,613 | 1,396 | 2,142 | 6 | 10 | 20 | |
| 03/17/20 | 31 | 1,850 | 1,333 | 594 | 10 | 52 | 0 | 0 | 10 | 4 | 74 | 332 | |
| 04/23/20 | 373 | 426 | 933 | 450 | 52 | 7,701 | 1,860 | 878 | 1,334 | 10 | 95 | 285 | |
| 05/16/20 | 171 | 3,255 | 1,019 | 364 | 109 | 231 | 2,247 | 1,467 | 1,296 | 16 | 185 | 295 | |
| 06/13/20 | 556 | 2,851 | 546 | 305 | 63 | 860 | 1,187 | 1,043 | 305 | 326 | 576 | 733 | |
| 07/11/20 | 464 | 1,076 | 910 | 865 | 185 | 886 | 1,199 | 905 | 1,223 | 124 | 697 | 990 | |
| 08/08/20 | 934 | 2,014 | 1,515 | 1,674 | 738 | 1,076 | 2,602 | 2,014 | 1,935 | 228 | 857 | 1,071 | rain prior to sampling |
| 09/06/20 | 1,616 | 669 | 860 | 504 | 74 | 341 | 488 | 408 | 199 | 63 | 209 | 677 | Erosion observed @ MBR |
| 10/22/20 | 173 | 6,131 | 860 | 278 | 644 | 1,860 | 1,076 | 1,112 | 41 | 11 | 10 | 6,867 | Animals scat @ SCC and VSD |
| 11/14/20 | 2,086 | 10,950 | 1,818 | 646 | 492 | 270 | 1,466 | 808 | 426 | 20 | 292 | 366 | Evident runoff @ VSDB |
| 12/12/20 | 1,106 | 2,909 | 413 | 393 | 74 | 426 | 1,019 | 1,112 | 20 | 21 | 10 | 181 | |
| 01/23/21 | 1,017 | 74 | 110 | 20 | 10 | 441 | 31 | 20 | 41 | 5 | 10 | 109 | Stream shallow @ MBR |
| 02/20/21 | 0 | 74 | 74 | 10 | 10 | 31 | 20 | 41 | 31 | 1 | 30 | 52 | Low runoff; no water fowl |

# STREAM SAMPLING RESULTS

**Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs**

**1998 to Present**

(Note that results prior to May 1, 2003 are fecal coliform and after May 1, 2003 are E. coli)

**CITY OF STAUNTON**
**DEPARTMENT OF PUBLIC WORKS**

| Name | Lewis Creek | | | | Peyton's Creek | | Gum Spring Branch | | | Asylum Creek | | | NT = Not Tested |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Source) | (Hotchkiss) | | | | (Hotchkiss) | | (Hotchkiss) | | | (Hotchkiss) | | | |
| Alt. Name | Lewis Creek | | | | Buttermilk Spring Run | | Peyton Creek | | | Asylum Creek | | | |
| (Source) | (City GIS) | | | | (City GIS) | | (City GIS) | | | (City GIS) | | | |
| **DATE** | **MBR 15** | **VSDB 7** | **STP 1** | **VMM 35** | **BSR 34** | **REC 29** | **GHP 26** | **CA A** | **CBD 11** | **OGR 33** | **BWE B** | **SCC 21** | **COMMENTS** |
| 03/11/21 | 74 | 74 | 20 | 41 | 10 | 31 | 110 | 160 | 0 | 1 | 20 | 31 | |
| 04/17/21 | 160 | 86 | 171 | 52 | 31 | 987 | 63 | 31 | 134 | 0 | 52 | 201 | Waterfowl near REC site |
| 05/15/21 | 185 | 5,475 | 4,352 | 313 | 399 | 759 | 24,192 + | 24,192 + | 84 | 4 | 96 | 3,654 | Lots of ducks/cattle out today |
| 06/12/21 | 201 | 24192 + | 504 | 689 | 0 | 785 | 1,169 | 776 | 1,223 | 11,199 | 1,187 | 1,376 | Significant rain prior to sampli |
| 07/10/21 | 547 | 2,098 | 2,014 | 703 | 882 | 744 | 529 | 350 | 379 | 124 | 457 | 314 | |
| 08/12/21 | 341 | 9,804 | 1,467 | 1,333 | 794 | 426 | 594 | 521 | 135 | 29 | 146 | 364 | Waterfowl near VSDB |
| 09/18/21 | 169 | 465 | 836 | 187 | 243 | 754 | 402 | 537 | 292 | 108 | 457 | 161 | |
| 10/21/21 | 74 | 379 | 650 | 601 | 0 | 341 | 496 | 275 | 203 | 11 | 187 | 121 | |
| 11/27/21 | 96 | 20 | 86 | 160 | 135 | 187 | 107 | 30 | 41 | 201 | 31 | 30 | |
| 12/11/21 | 10 | 855 | 160 | 187 | 74 | 74 | 1,153 | 1,071 | 85 | 15 | 86 | 240 | |
| 01/27/22 | 272 | 85 | 0 | 10 | 135 | 231 | 211 | 160 | 31 | 7 | 20 | 31 | |
| 02/19/22 | 20 | 1,296 | 30 | 0 | 84 | 86 | 41 | 41 | 10 | 10 | 10 | 1,565 | Scat @ VSDB and SCC |
| 03/05/22 | 0 | 121 | 959 | 10 | 41 | 51 | 262 | 282 | 10 | 2 | 10 | 85 | |
| 04/16/22 | 0 | 110 | 199 | 0 | 41 | 74 | 86 | 30 | 51 | 2 | 52 | 148 | |
| 05/14/22 | 121 | 299 | 313 | 285 | 471 | 443 | 754 | 521 | 309 | 61 | 246 | 216 | |
| 06/11/22 | 1,565 | 529 | 134 | 145 | 1,376 | 1,664 | 382 | 318 | 441 | 80 | 110 | 399 | Water fowl @ MBR, BSR & RE |
| 07/14/22 | 41 | 528 | 86 | 63 | 379 | 318 | 520 | 345 | 345 | 31 | 419 | 341 | |
| 08/20/22 | 109 | 183 | 134 | 108 | 1,785 | 1,233 | 1,100 | 984 | 187 | 76 | 318 | 327 | More waterfowl and scat this n |
| 09/17/22 | 448 | 529 | 309 | 404 | 262 | 216 | 9,804 | 5,794 | 96 | 270 | 132 | 240 | Lots of scat near water @ GHI |
| 10/15/22 | 323 | 292 | 10 | 10 | 448 | 275 | 201 | 249 | 10 | 11 | 31 | 364 | |
| 11/26/22 | 0 | 1,515 | 20 | 0 | 98 | 135 | 960 | 754 | 97 | 6 | 41 | 1,313 | More runoff @ VSDB, SCC |
| 12/10/22 | 332 | 984 | 0 | 10 | 345 | 488 | 189 | 256 | 63 | 3 | 110 | 1,137 | |
| 01/07/23 | 0 | 20 | 0 | 0 | 259 | 265 | 171 | 63 | 51 | 2 | 20 | 74 | |
| 02/22/23 | 0 | 63 | 20 | 31 | 10 | 0 | 134 | 110 | 171 | 7 | 197 | 169 | |
| 03/23/23 | 41 | 10 | 121 | 31 | 74 | 197 | 63 | 74 | 148 | 6 | 1,989 | 86 | |
| 04/20/23 | 98 | 74 | 0 | 0 | 218 | 187 | 98 | 160 | 143 | 5 | 97 | 109 | |
| 05/13/23 | 85 | 1,396 | 1,334 | 145 | 1,076 | 1,012 | > 24192 | 15,531 | 691 | 86 | 857 | 1,071 | Lots of runoff due to heavy rai |
| 06/24/23 | 7,704 | 1,850 | 134 | 169 | 4,611 | 8,164 | 465 | 259 | 670 | 101 | 605 | 2,098 | Runoff from isolated showers |
| 07/22/23 | 670 | 110 | 84 | 109 | 697 | 637 | 169 | 156 | 906 | 113 | 1,039 | 0 | Lots of animal droppings @ B |
| 08/29/23 | 299 | 31 | 31 | <1 | 771 | 932 | 160 | 350 | 233 | 1,785 | 262 | 213 | |
| 09/25/23 | 95 | 62 | 0 | 20 | 265 | 373 | 670 | 504 | 1,354 | 124 | 1,054 | 1,119 | More scat/runoff observed wh |
| 10/25/23 | 173 | 0 | 96 | 108 | 259 | 185 | 14,136 | 17,329 | 0 | 82 | 30 | 0 | More scat than usual @ GHP |
| 11/11/23 | 98 | 298 | 0 | 355 | 228 | 253 | 3,654 | 5,172 | 4,611 | 42 | 41 | 63 | More runoff @ GHP,CAA,CBD |
| 12/09/23 | 10 | 2,359 | 3,654 | 3,448 | 73 | 84 | 2,105 | 1,529 | 98 | 23 | 20 | 52 | A few sites had more dropping |

# STREAM SAMPLING RESULTS

**Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs**

**1998 to Present**

(Note that results prior to May 1, 2003 are fecal coliform and after May 1, 2003 are E. coli)

**CITY OF STAUNTON**
**DEPARTMENT OF PUBLIC WORKS**

| Name | Lewis Creek | | | | Peyton's Creek | | Gum Spring Branch | | | Asylum Creek | | | NT = Not Tested |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Source) | (Hotchkiss) | | | | (Hotchkiss) | | (Hotchkiss) | | | (Hotchkiss) | | | |
| Alt. Name | Lewis Creek | | | | Buttermilk Spring Run | | Peyton Creek | | | Asylum Creek | | | |
| (Source) | (City GIS) | | | | (City GIS) | | (City GIS) | | | (City GIS) | | | |
| **DATE** | **MBR 15** | **VSDB 7** | **STP 1** | **VMM 35** | **BSR 34** | **REC 29** | **GHP 26** | **CA A** | **CBD 11** | **OGR 33** | **BWE B** | **SCC 21** | **COMMENTS** |
| 01/25/24 | 10 | 1,119 | 1,014 | 1,664 | 605 | 657 | 275 | 1,019 | 161 | 4 | 131 | 1,153 | Dropping/runoff @ some sites |
| 02/17/24 | 20 | 183 | 201 | 10 | 110 | 97 | 292 | 345 | 20 | 7 | 20 | 216 | |
| 03/30/24 | 10 | 15,331 | 14,136 | 0 | 932 | 1,210 | 426 | 537 | 109 | 15 | 63 | 19,863 | |
| 04/13/24 | 20 | 15,331 | 14,136 | 12,997 | 135 | 2,755 | 197 | 262 | 155 | 11 | 135 | 161 | More waterfowl @ certain sites |
| 05/11/24 | 7,270 | 288 | 554 | 591 | 520 | 479 | 465 | 583 | 292 | 40 | 379 | 275 | More sediment @ MBR site |
| 06/08/24 | 240 | 9,208 | 12,033 | 171 | 1,430 | 1,722 | 1,130 | 1,259 | 1,106 | 68 | 1,274 | 5,298 | |
| 07/06/24 | 288 | 24,192+ | 24,192+ | 341 | 1,616 | 1,789 | 1,313 | 1,067 | 573 | 147 | 794 | 328 | A lot of runoff @ VSDB,STP |
| 08/17/24 | 98 | 530 | 480 | 110 | 637 | 631 | 2,755 | 1,259 | 379 | 65 | 246 | 504 | |
| 09/23/24 | 187 | 521 | 199 | 269 | 907 | 886 | 813 | 1,071 | 332 | 127 | 432 | 504 | |
| 10/12/24 | 41 | 109 | 158 | 41 | 262 | 249 | 292 | 278 | 0 | 25 | 74 | 98 | |
| 11/09/24 | 201 | 74 | 10 | 199 | 73 | 132 | 556 | 573 | 1,022 | 14 | 41 | 31 | |
| 12/07/24 | 0 | 20 | 0 | 0 | 10 | 0 | 359 | 309 | 393 | 2 | 41 | 74 | |
| 01/28/25 | 10 | 63 | 0 | 0 | 63 | 85 | 4,352 | 3,076 | 4,106 | 7 | 121 | 108 | |
| 02/15/25 | 86 | >24,192+ | 10,111 | 14,136 | 384 | 426 | 2,142 | 1,664 | 121 | 34 | 31 | 63 | |
| 03/24/25 | 0 | 86 | 52 | 110 | 121 | 134 | 2,014 | 1,374 | 1,250 | 1 | 201 | 717 | |
| 04/17/25 | 0 | 63 | 109 | 63 | 272 | 369 | 1,500 | 1,723 | 122 | 2 | 74 | 52 | |
| 05/10/25 | 41 | 413 | 369 | 384 | 295 | 309 | 465 | 464 | 211 | 28 | 203 | 171 | |
| 06/21/25 | 132 | 789 | 557 | 723 | 487 | 481 | 650 | 906 | 292 | 102 | 457 | 359 | |
| 07/19/25 | 10 | 216 | 121 | 317 | 960 | 1,039 | 830 | 1,050 | 464 | 21 | 504 | 583 | |
| 08/25/25 | 98 | 404 | 413 | 464 | 389 | 336 | 1,236 | 1,178 | 1,050 | 59 | 561 | 422 | |
| 09/18/25 | 148 | 31 | 31 | 98 | 187 | 185 | 455 | 479 | 529 | 56 | 435 | 41 | |
| 10/16/25 | 41 | 0 | 0 | 10 | 2,616 | 2,755 | 547 | 547 | 122 | 25 | 161 | 120 | |
| 11/22/25 | 148 | 624 | 855 | 1,046 | 173 | 175 | 249 | 246 | 203 | 152 | 189 | 238 | |
| 12/20/25 | 146 | 0 | 0 | 96 | 63 | 63 | 384 | 547 | 135 | 105 | 132 | 97 | |

# STREAM SAMPLING RESULTS

**Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs**

**1998 to Present**

(Note that results prior to May 1, 2003 are fecal coliform and after May 1, 2003 are E. coli)

**CITY OF STAUNTON**
**DEPARTMENT OF PUBLIC WORKS**

| Name | Lewis Creek | | | | Peyton's Creek | | Gum Spring Branch | | | Asylum Creek | | | NT = Not Tested |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Source) | (Hotchkiss) | | | | (Hotchkiss) | | (Hotchkiss) | | | (Hotchkiss) | | | |
| Alt. Name | Lewis Creek | | | | Buttermilk Spring Run | | Peyton Creek | | | Asylum Creek | | | |
| (Source) | (City GIS) | | | | (City GIS) | | (City GIS) | | | (City GIS) | | | |
| DATE | MBR 15 | VSDB 7 | STP 1 | VMM 35 | BSR 34 | REC 29 | GHP 26 | CA A | CBD 11 | OGR 33 | BWE B | SCC 21 | COMMENTS |
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# STREAM SAMPLING RESULTS

**Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs**

**1998 to Present**

(Note that results prior to May 1, 2003 are fecal coliform and after May 1, 2003 are E. coli)

**CITY OF STAUNTON**
**DEPARTMENT OF PUBLIC WORKS**

| Name | Lewis Creek | | | | Peyton's Creek | | Gum Spring Branch | | | Asylum Creek | | | NT = Not Tested |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Source) | (Hotchkiss) | | | | (Hotchkiss) | | (Hotchkiss) | | | (Hotchkiss) | | | |
| Alt. Name | Lewis Creek | | | | Buttermilk Spring Run | | Peyton Creek | | | Asylum Creek | | | |
| (Source) | (City GIS) | | | | (City GIS) | | (City GIS) | | | (City GIS) | | | |
| DATE | MBR 15 | VSDB 7 | STP 1 | VMM 35 | BSR 34 | REC 29 | GHP 26 | CA A | CBD 11 | OGR 33 | BWE B | SCC 21 | COMMENTS |
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# STREAM SAMPLING RESULTS

**Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs**

**1998 to Present**

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# STREAM SAMPLING RESULTS

**Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs**

**1998 to Present**

(Note that results prior to May 1, 2003 are fecal coliform and after May 1, 2003 are E. coli)

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ere bacterial counts higher

gs/runoff in water