

Bacteria Report - Total Enterococcus All data 4/28/2008 - 9/4/2008

University of Delaware Citizen Monitoring Program

Total Enterococcus (TE) are a group of bacteria that are normally found in the guts and feces of warm-blooded animals (mammals and birds). The EPA and the State of Delaware use TE as the best, easily-measured bacterial indicator of the risk of acquiring gastroenteritis from swimming in fecal contaminated water.

| Water Body Tributary Site | Last Sample Date | Time | Last Sample: Total Colonies per 100 mL | April 28 to Present Geometric mean: Total Colonies per 100 mL | Sample Count |
|--|---------------------------------|-------------|---|--|-------------------------|
|--|---------------------------------|-------------|---|--|-------------------------|

Fresh water sites ----- standards for swimming ----- 185 ----- 100 -----

Broadkill River

Diamond Pond

| | | | | | |
|--------------------|-----------|-------|---|---|---|
| BR48: Diamond Pond | 8/27/2008 | 11:04 | 5 | 5 | 8 |
|--------------------|-----------|-------|---|---|---|

Ingram Branch

| | | | | | |
|--|-----------|-------|-----|-----|---|
| BR06: Ingram Ditch at the intersection of Rds 212 and 231. | 8/27/2008 | 11:30 | 313 | 228 | 8 |
|--|-----------|-------|-----|-----|---|

| | | | | | |
|-------------------------------|-----------|-------|-----|-----|---|
| BR10: Ingram Branch at Rt 319 | 8/27/2008 | 10:50 | 504 | 384 | 8 |
|-------------------------------|-----------|-------|-----|-----|---|

Prime Hook Creek

| | | | | | |
|---|-----------|-------|----|----|---|
| BR02: Prime Hook NWR Petersfield Ditch water control structure, 50m N of Rt 16. | 8/27/2008 | 11:52 | 98 | 19 | 9 |
|---|-----------|-------|----|----|---|

| | | | | | |
|--|-----------|-------|----|----|---|
| BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters | 8/27/2008 | 12:15 | 31 | 64 | 8 |
|--|-----------|-------|----|----|---|

Wagamon's Pond

| | | | | | |
|------------------------------|-----------|------|-----|----|---|
| BR44: Wagamon's Pond, Milton | 8/27/2008 | 7:45 | 160 | 34 | 6 |
|------------------------------|-----------|------|-----|----|---|

Tidal water sites----- standards for swimming -----104 ----- 35 -----

Assawoman Bay

Roy Creek

| | | | | | |
|----------------------------------|-----------|------|---|----|---|
| BA01: Keenwick on Bay, Roy Creek | 8/26/2008 | 9:10 | 5 | 13 | 8 |
|----------------------------------|-----------|------|---|----|---|

Broadkill River

| | | | | | |
|-----------------------------------|-----------|------|----|---|----|
| BR01: Broadkill river @ PEL dock. | 8/27/2008 | 9:00 | 10 | 7 | 12 |
|-----------------------------------|-----------|------|----|---|----|

| | | | | | |
|--|-----------|------|----|----|---|
| BR20: Broadkill River at Milton tidal pond | 8/27/2008 | 9:15 | 86 | 17 | 7 |
|--|-----------|------|----|----|---|

Old Mill Creek

| | | | | | |
|--|-----------|-------|-----|-----|---|
| BR21: Old Mill Creek downstream from Red Mill Pond | 8/27/2008 | 12:42 | 776 | 212 | 7 |
|--|-----------|-------|-----|-----|---|

Delaware Bay

| | | | | | |
|-------------------------------|-----------|-------|---|---|----|
| DB01: End of Cape Shores pier | 8/26/2008 | 14:18 | 5 | 6 | 12 |
|-------------------------------|-----------|-------|---|---|----|

Canary Creek

Please note that this report is for general information only. The Inland Bays and Broadkill River are under a permanent advisory for recreational contact, in particular after heavy rains.

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| Water Body Tributary Site | Last Sample Date | Time | Last Sample: Total Colonies per 100 mL | April 28 to Present Geometric mean: Total Colonies per 100 mL | Sample Count |
|---------------------------------|------------------------|------|--|---|-----------------|
|---------------------------------|------------------------|------|--|---|-----------------|

Tidal water sites----- standards for swimming -----104 ----- 35 -----

Delaware Bay

Canary Creek

| | | | | | |
|------------------------------------|-----------|-------|----|----|---|
| BR19: Canary Creek at New Road | 8/28/2008 | 10:01 | 63 | 82 | 8 |
| BR40: Canary Creek at Pilottown Rd | 8/27/2008 | 9:30 | 31 | 15 | 7 |

Indian River

| | | | | | |
|-------------------|-----------|------|----|----|---|
| IR03: Yellow Bank | 8/25/2008 | 7:45 | 41 | 13 | 3 |
|-------------------|-----------|------|----|----|---|

Indian River

| | | | | | |
|---|-----------|-------|----|-------------------|---|
| IR04: Warwick Cove | 8/25/2008 | 10:20 | 10 | 17 | 7 |
| IR11: Pot Nets Seaside Pier | 8/25/2008 | 9:00 | 5 | 5 | 8 |
| IR20: Bay Colony | 8/11/2008 | 8:15 | 5 | 6 | 7 |
| IR21: Entrance to Boat House Pond, Indian River Bay | 8/25/2008 | 7:10 | 31 | 17 | 8 |
| IR36B: James Farm, Pasture Point | 8/26/2008 | 7:57 | 20 | Insufficient data | 2 |

Vines Creek

| | | | | | |
|------------------|-----------|------|----|----|---|
| IR38: Vines Lane | 8/26/2008 | 8:00 | 20 | 35 | 6 |
|------------------|-----------|------|----|----|---|

White Creek

| | | | | | |
|---|-----------|------|----|----|---|
| IR32: Holly Terrace Acres Canal Dead End, White Creek | 8/26/2008 | 9:50 | 41 | 16 | 7 |
|---|-----------|------|----|----|---|

Little Assawoman Bay

Assawoman Canal

| | | | | | |
|---|-----------|------|--------|-----|---|
| LA10: Assawoman Canal @ Kent Ave Bridge | 8/25/2008 | 8:30 | 19,863 | 265 | 8 |
|---|-----------|------|--------|-----|---|

Dirickson Creek

| | | | | | |
|---|-----------|------|-----|-----|---|
| LA03: Mulberry Landing | 8/25/2008 | 8:30 | 10 | 8 | 8 |
| LA09: Dirickson Creek at Road 381 bridge. | 8/25/2008 | 9:23 | 364 | 194 | 8 |

Jefferson Creek

| | | | | | |
|-----------------------------------|-----------|------|----|----|---|
| SB01: Anchorage Canal @ Rt 1 | 8/26/2008 | 8:10 | 20 | 16 | 6 |
| SB02: Anchorage Canal near elbow | 8/26/2008 | 8:00 | 20 | 10 | 4 |
| SB04: Petherton canal/rt1 | 8/26/2008 | 7:20 | 51 | 58 | 7 |
| SB07: Layton Canal, South Bethany | | | | | |

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|---------------------------------|------------------------|------|--|---|-----------------|

Tidal water sites----- standards for swimming -----104 ----- 35 -----

Little Assawoman Bay

Jefferson Creek

| | | | | | |
|--|-----------|-------|---|----|---|
| SB07: Layton Canal, South Bethany | 8/26/2008 | 7:28 | 5 | 14 | 7 |
| SB09: Carlisle canal | 8/26/2008 | 8:00 | 5 | 11 | 8 |
| SB10W: Russell Canal west dead end | 8/26/2008 | 10:28 | 5 | 14 | 7 |
| SB12: Jefferson Canal West side @ tidal gage | 8/12/2008 | 8:00 | 5 | 14 | 3 |

Rehoboth Bay

| | | | | | |
|----------------------|-----------|-------|-----|----|---|
| ML: Massey's Landing | 8/25/2008 | 11:30 | 10 | 8 | 8 |
| RB07: West Bay Park | 8/26/2008 | 7:00 | 231 | 14 | 8 |

Guinea Creek

| | | | | | |
|--|-----------|-------|-----|-----|---|
| RB05: Mouth of Guinea Creek (Pot Nets Creekside) | 8/25/2008 | 11:50 | 5 | 9 | 8 |
| RB06: Guinea Creek (Winding Creek Village) | 8/25/2008 | 8:00 | 345 | 145 | 8 |
| RB06A: Guinea Creek @ Rd 298 Bridge | 8/25/2008 | 12:15 | 74 | 187 | 8 |

Lewes - Rehoboth Canal

| | | | | | |
|---------------------------------------|-----------|------|---|----|---|
| RB02: Lewes - Rehoboth Canal at Lewes | 8/26/2008 | 8:30 | 5 | 20 | 8 |
|---------------------------------------|-----------|------|---|----|---|

Love Creek

| | | | | | |
|----------------------------------|-----------|-------|-----|----|---|
| RB34: Love Creek at Rt 24 Bridge | 8/26/2008 | 10:17 | 487 | 95 | 8 |
|----------------------------------|-----------|-------|-----|----|---|

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