

Bacteria Report - Total Enterococcus All data 4/28/2008 - 8/7/2008

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 | 7/30/2008 | 11:10 | 5 | 6 | 6 |
|--------------------|-----------|-------|---|---|---|

Ingram Branch

| | | | | | |
|--|-----------|-------|-------|-----|---|
| BR06: Ingram Ditch at the intersection of Rds 212 and 231. | 7/30/2008 | 11:34 | 1,789 | 198 | 6 |
| BR10: Ingram Branch at Rt 319 | 7/30/2008 | 10:50 | 644 | 344 | 6 |

Prime Hook Creek

| | | | | | |
|---|-----------|-------|-------|----|---|
| BR02: Prime Hook NWR Petersfield Ditch water control structure, 50m N of Rt 16. | 7/30/2008 | 11:55 | 10 | 18 | 7 |
| BR03: Prime Hook Creek at Boat Ramp at Refuge Headquarters | 7/30/2008 | 12:10 | 1,081 | 69 | 6 |

Silver Lake

Silver Lake

| | | | | | |
|--------------------------------------|-----------|------|-----|-------------------|---|
| RL01: Silver Lake, Lake Drive Bridge | 4/29/2008 | 9:05 | 163 | Insufficient data | 1 |
|--------------------------------------|-----------|------|-----|-------------------|---|

Wagamon's Pond

| | | | | | |
|------------------------------|-----------|------|-----|----|---|
| BR44: Wagamon's Pond, Milton | 7/30/2008 | 6:50 | 295 | 26 | 4 |
|------------------------------|-----------|------|-----|----|---|

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

Assawoman Bay

Roy Creek

| | | | | | |
|----------------------------------|-----------|------|---|----|---|
| BA01: Keenwick on Bay, Roy Creek | 7/29/2008 | 9:15 | 5 | 12 | 6 |
|----------------------------------|-----------|------|---|----|---|

Broadkill River

| | | | | | |
|--|-----------|------|----|----|---|
| BR01: Broadkill river @ PEL dock. | 8/6/2008 | 9:00 | 5 | 6 | 9 |
| BR20: Broadkill River at Milton tidal pond | 7/30/2008 | 9:15 | 20 | 13 | 6 |

Old Mill Creek

| | | | | | |
|--|-----------|-------|-----|-----|---|
| BR21: Old Mill Creek downstream from Red Mill Pond | 7/31/2008 | 12:35 | 546 | 123 | 5 |
|--|-----------|-------|-----|-----|---|

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.

University of Delaware Citizen Monitoring Program

| 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

| | | | | | |
|-------------------------------|----------|-------|---|---|---|
| DB01: End of Cape Shores pier | 8/5/2008 | 11:00 | 5 | 6 | 9 |
|-------------------------------|----------|-------|---|---|---|

Canary Creek

| | | | | | |
|------------------------------------|-----------|------|-----|----|---|
| BR19: Canary Creek at New Road | 7/30/2008 | 8:29 | 183 | 74 | 6 |
| BR40: Canary Creek at Pilottown Rd | 7/30/2008 | 9:30 | 10 | 12 | 5 |

Indian River

| | | | | | |
|-------------------|-----------|------|---|-------------------|---|
| IR03: Yellow Bank | 7/28/2008 | 7:20 | 5 | Insufficient data | 1 |
|-------------------|-----------|------|---|-------------------|---|

Indian River

| | | | | | |
|---|-----------|-------|----|----|---|
| IR04: Warwick Cove | 7/28/2008 | 10:02 | 52 | 17 | 5 |
| IR11: Pot Nets Seaside Pier | 7/28/2008 | 8:30 | 5 | 6 | 6 |
| IR20: Bay Colony | 7/28/2008 | 8:15 | 5 | 6 | 6 |
| IR21: Entrance to Boat House Pond, Indian River Bay | 7/28/2008 | 7:10 | 31 | 12 | 6 |

Vines Creek

| | | | | | |
|------------------|-----------|------|----|----|---|
| IR38: Vines Lane | 7/29/2008 | 7:45 | 52 | 46 | 4 |
|------------------|-----------|------|----|----|---|

White Creek

| | | | | | |
|---|-----------|------|----|----|---|
| IR32: Holly Terrace Acres Canal Dead End, White Creek | 7/30/2008 | 8:44 | 52 | 11 | 5 |
|---|-----------|------|----|----|---|

Little Assawoman Bay

| | | | | | |
|------------------------------|-----------|------|-------|-----|---|
| LA45: Fenwick Island Bayside | 6/24/2008 | 8:14 | 3,873 | 487 | 3 |
|------------------------------|-----------|------|-------|-----|---|

Assawoman Canal

| | | | | | |
|---|-----------|------|----|-----|---|
| LA10: Assawoman Canal @ Kent Ave Bridge | 7/28/2008 | 8:26 | 98 | 164 | 6 |
|---|-----------|------|----|-----|---|

Dirickson Creek

| | | | | | |
|---|-----------|------|-----|-----|---|
| LA03: Mulberry Landing | 7/28/2008 | 8:20 | 10 | 8 | 6 |
| LA09: Dirickson Creek at Road 381 bridge. | 7/28/2008 | 9:05 | 197 | 109 | 6 |

Jefferson Creek

| | | | | | |
|----------------------------------|-----------|------|----|-------------------|---|
| SB01: Anchorage Canal @ Rt 1 | 7/29/2008 | 8:45 | 63 | 18 | 4 |
| SB01F: Anchorage Canal @ Rt 1 | 5/19/2008 | 9:30 | 31 | Insufficient data | 1 |
| SB02: Anchorage Canal near elbow | | | | | |

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.

University of Delaware Citizen Monitoring Program

| 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 -----

Little Assawoman Bay

Jefferson Creek

| | | | | | |
|--|-----------|-------|----|-------------------|---|
| SB02: Anchorage Canal near elbow | 7/29/2008 | 8:00 | 10 | Insufficient data | 2 |
| SB04: Petherton canal/rt1 | 7/29/2008 | 7:30 | 63 | 43 | 5 |
| SB07: Layton Canal, South Bethany | 7/29/2008 | 6:45 | 5 | 15 | 5 |
| SB09: Carlisle canal | 7/29/2008 | 8:12 | 10 | 11 | 6 |
| SB10W: Russell Canal west dead end | 7/29/2008 | 10:12 | 5 | 14 | 5 |
| SB12: Jefferson Canal West side @ tidal gage | 7/30/2008 | 8:23 | 20 | Insufficient data | 2 |

Rehoboth Bay

| | | | | | |
|----------------------|-----------|-------|----|---|---|
| ML: Massey's Landing | 7/28/2008 | 11:40 | 31 | 7 | 6 |
| RB07: West Bay Park | 7/29/2008 | 8:15 | 10 | 8 | 6 |

Guinea Creek

| | | | | | |
|--|-----------|-------|-------|-----|---|
| RB05: Mouth of Guinea Creek (Pot Nets Creekside) | 7/28/2008 | 12:03 | 52 | 10 | 6 |
| RB06: Guinea Creek (Winding Creek Village) | 7/28/2008 | 8:30 | 31 | 118 | 6 |
| RB06A: Guinea Creek @ Rd 298 Bridge | 7/28/2008 | 12:23 | 2,909 | 224 | 6 |

Herring Creek

| | | | | | |
|----------------------------------|-----------|-------|----|-------------------|---|
| RB04: Herring Creek, Mid-Section | 5/20/2008 | 11:25 | 41 | Insufficient data | 1 |
|----------------------------------|-----------|-------|----|-------------------|---|

Lewes - Rehoboth Canal

| | | | | | |
|---------------------------------------|----------|-------|---|----|---|
| RB02: Lewes - Rehoboth Canal at Lewes | 8/5/2008 | 14:45 | 5 | 10 | 6 |
|---------------------------------------|----------|-------|---|----|---|

Love Creek

| | | | | | |
|----------------------------------|-----------|-------|-----|----|---|
| RB34: Love Creek at Rt 24 Bridge | 7/29/2008 | 10:23 | 712 | 63 | 6 |
|----------------------------------|-----------|-------|-----|----|---|

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.

University of Delaware Citizen Monitoring Program