

Nuisance Aquatic Vegetation Report

All data between 4/1/2021 and 5/28/2021

University of Delaware Citizen Monitoring Program

| Water Body | Tributary | Site | Date | Time | WTemp | DO | ---Where is the vegetation?--- | | | --What condition is the vegetation?-- | | | |
|--|-----------|------|-----------|-------|-------|------|--------------------------------|--------------|---------|---------------------------------------|------|-----------|------------|
| | | | | | | | On Shore? | In Water? | Afloat? | %Grn | %Red | %Too Deyd | Foul Odor? |
| <u>Fresh water vegetation - a mixture of macroalgae and submerged vascular plants</u> | | | | | | | | | | | | | |
| Broadkill River | | | | | | | | | | | | | |
| <u>Beaverdam Creek</u> | | | | | | | | | | | | | |
| BR55: Beaverdam Creek at Road 88 | | | | | | | | | | | | | |
| | | | 5/12/2021 | 11:01 | 14.1 | 8.2 | No | Yes Minor | No | 100 | | No | |
| <u>Diamond Pond</u> | | | | | | | | | | | | | |
| BR48: Diamond Pond at Spillway | | | | | | | | | | | | | |
| | | | 4/28/2021 | 9:00 | 19.0 | 8.9 | Yes Minor | No | Yes | 100 | | No | |
| | | | 5/5/2021 | 6:30 | 22.0 | 7.9 | Yes Minor | No | No | 100 | | No | |
| | | | 5/26/2021 | 8:30 | 23.0 | 11.5 | Yes Minor | No | No | 100 | | No | |
| Little Assawoman Bay | | | | | | | | | | | | | |
| <u>Dirickson Pond</u> | | | | | | | | | | | | | |
| LA38: The Hamlet at Dirickson Pond | | | | | | | | | | | | | |
| | | | 5/25/2021 | 8:00 | 20.5 | 7.9 | No | Yes Minor | No | 100 | | No | |
| <u>Tidal water vegetation - predominantly macroalgae</u> | | | | | | | | | | | | | |
| Delaware Bay | | | | | | | | | | | | | |
| <u>Delaware Bay</u> | | | | | | | | | | | | | |
| DB01: End of Cape Shores pier | | | | | | | | | | | | | |
| | | | 4/20/2021 | 8:54 | 13.0 | 7.5 | Yes Minor | Yes Minor | No | 10 | 10 | 80 | No |
| | | | 5/11/2021 | 8:29 | 13.5 | | Yes Minor | Yes Minor | No | | | 100 | No |
| | | | 5/25/2021 | 8:04 | 16.5 | 7.2 | Yes Minor | Yes Minor | No | 10 | | 90 | No |
| Indian River | | | | | | | | | | | | | |
| <u>Indian River</u> | | | | | | | | | | | | | |

Vegetation comments: "Minor" - bands up to 10 feet wide; "Major" - bands greater than 10 ' wide.

University of Delaware Citizen Monitoring Program

| Water Body | Tributary | Site | Date | Time | WTemp | DO | ---Where is the vegetation?--- | | | --What condition is the vegetation?-- | | | |
|--|-----------|------|-----------|-------|-------|------|--------------------------------|--------------|---------|---------------------------------------|------|-----------|------------|
| | | | | | | | On Shore? | In Water? | Afloat? | %Grn | %Red | %Too Dcyd | Foul Odor? |
| <u>Tidal water vegetation - predominantly macroalgae</u> | | | | | | | | | | | | | |
| Indian River | | | | | | | | | | | | | |
| <u>Indian River</u> | | | | | | | | | | | | | |
| IR11: Pot Nets Seaside Pier | | | | | | | | | | | | | |
| | | | 4/12/2021 | 10:55 | 12.4 | 8.7 | Yes Minor | Yes Minor | No | 100 | | | No |
| | | | 5/10/2021 | 10:30 | 15.8 | 8.2 | Yes Minor | Yes Minor | No | 80 | 10 | 10 | No |
| | | | 5/24/2021 | 10:27 | 18.6 | 7.3 | Yes Minor | Yes Minor | No | 90 | 5 | 5 | No |
| IR12: Broken marshes, 1/4 mile SE of Quillens Point - 300 Bayfront Drive | | | | | | | | | | | | | |
| | | | 5/2/2021 | 8:00 | 14.0 | 7.8 | Yes Major | Yes Minor | No | 100 | | | No |
| | | | 5/19/2021 | 8:00 | 17.0 | 5.8 | Yes Minor | No | No | 75 | 25 | | No |
| IR36: James Farm, base of Pasture Point Knee deep 150 yds from shore | | | | | | | | | | | | | |
| | | | 4/13/2021 | 8:45 | 10.4 | 9.1 | Yes Minor | Yes Minor | No | 100 | | | No |
| | | | 5/11/2021 | 8:12 | 14.4 | 8.2 | Yes Minor | Yes Minor | No | 50 | 50 | | No |
| | | | 5/25/2021 | 7:53 | 17.8 | 6.4 | Yes Minor | Yes Minor | No | 50 | 50 | | No |
| <u>White Creek</u> | | | | | | | | | | | | | |
| IR32: Holly Terrace Acres Canal Dead End, White Creek | | | | | | | | | | | | | |
| | | | 5/17/2021 | 16:18 | 22.0 | 20.0 | No | Yes Minor | Yes | 100 | | | No |
| Little Assawoman Bay | | | | | | | | | | | | | |
| <u>Dirickson Creek</u> | | | | | | | | | | | | | |
| LA03: Mulberry Landing | | | | | | | | | | | | | |
| | | | 4/12/2021 | 9:15 | 17.1 | 7.7 | Yes Minor | Yes Minor | No | 50 | 50 | | No |
| | | | 5/24/2021 | 8:58 | 23.3 | 6.0 | Yes Minor | Yes Minor | No | | 100 | | No |
| <u>Jefferson Creek</u> | | | | | | | | | | | | | |
| SB01: Anchorage Canal @ Rt 1 | | | | | | | | | | | | | |

Vegetation comments: "Minor" - bands up to 10 feet wide; "Major" - bands greater than 10 ' wide.

University of Delaware Citizen Monitoring Program

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|------------|-----------|------|------|------|-------|----|--------------------------------|-----------|---------|---------------------------------------|------|-----------|------------|
| | | | | | | | On Shore? | In Water? | Afloat? | %Grn | %Red | %Too Dcyd | Foul Odor? |

Tidal water vegetation - predominantly macroalgae

Little Assawoman Bay

Jefferson Creek

SB01: Anchorage Canal @ Rt 1

| | | | | | | | | |
|-----------|------|------|-----|--------------|----|----|-----|----|
| 4/13/2021 | 7:35 | 16.8 | 5.7 | Yes Minor | No | No | 100 | No |
|-----------|------|------|-----|--------------|----|----|-----|----|

SB04: Petherton canal at Rt1

| | | | | | | | | |
|-----------|------|------|-----|--------------|----|----|-----|----|
| 4/13/2021 | 7:43 | 15.5 | 7.1 | Yes Minor | No | No | 100 | No |
|-----------|------|------|-----|--------------|----|----|-----|----|

| | | | | | | | | |
|-----------|------|------|-----|-------------|-----|-----|-----|----|
| 4/20/2021 | 7:31 | 16.2 | 5.5 | No Minor | Yes | Yes | 100 | No |
|-----------|------|------|-----|-------------|-----|-----|-----|----|

| | | | | | | | | |
|----------|------|------|-----|--------------|----|----|--|----|
| 5/4/2021 | 7:51 | 19.7 | 2.7 | Yes Minor | No | No | | No |
|----------|------|------|-----|--------------|----|----|--|----|

| | | | | | | | | |
|-----------|------|------|-----|--------------|----|----|-----|----|
| 5/18/2021 | 7:26 | 23.1 | 4.4 | Yes Minor | No | No | 100 | No |
|-----------|------|------|-----|--------------|----|----|-----|----|

| | | | | | | | | |
|-----------|------|------|-----|--------------|----|----|--|----|
| 5/25/2021 | 7:43 | 21.8 | 2.1 | Yes Minor | No | No | | No |
|-----------|------|------|-----|--------------|----|----|--|----|

SB05: Petherton canal, between lots 156 and 162

| | | | | | | | | |
|-----------|------|------|-----|----|----|-----|--|----|
| 4/20/2021 | 7:45 | 14.6 | 7.4 | No | No | Yes | | No |
|-----------|------|------|-----|----|----|-----|--|----|

SB06: Brandywine Canal

| | | | | | | | | |
|-----------|------|------|-----|--------------|--------------|-----|-----|----|
| 4/13/2021 | 7:49 | 15.9 | 7.2 | Yes Minor | Yes Minor | Yes | 100 | No |
|-----------|------|------|-----|--------------|--------------|-----|-----|----|

| | | | | | | | | |
|-----------|------|------|-----|----|--------------|----|-----|----|
| 4/20/2021 | 7:25 | 15.2 | 6.1 | No | Yes Minor | No | 100 | No |
|-----------|------|------|-----|----|--------------|----|-----|----|

| | | | | | | | | |
|----------|------|------|-----|--------------|----|----|--|----|
| 5/4/2021 | 8:00 | 19.5 | 4.1 | Yes Minor | No | No | | No |
|----------|------|------|-----|--------------|----|----|--|----|

| | | | | | | | | |
|-----------|------|------|-----|--------------|----|----|--|----|
| 5/11/2021 | 7:52 | 17.6 | 5.5 | Yes Minor | No | No | | No |
|-----------|------|------|-----|--------------|----|----|--|----|

| | | | | | | | | |
|-----------|------|------|-----|--------------|--------------|----|-----|----|
| 5/18/2021 | 7:20 | 21.3 | 4.1 | Yes Major | Yes Major | No | 100 | No |
|-----------|------|------|-----|--------------|--------------|----|-----|----|

| | | | | | | | | |
|-----------|------|------|-----|--------------|----|----|--|----|
| 5/25/2021 | 7:48 | 22.3 | 1.4 | Yes Minor | No | No | | No |
|-----------|------|------|-----|--------------|----|----|--|----|

SB09: Carlisle canal

Vegetation comments: "Minor" - bands up to 10 feet wide; "Major" - bands greater than 10 ' wide.

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| Water Body | Tributary | Site | Date | Time | WTemp | DO | ---Where is the vegetation?--- | | | --What condition is the vegetation?-- | | | |
|------------|-----------|------|------|------|-------|----|--------------------------------|-----------|---------|---------------------------------------|------|-----------|------------|
| | | | | | | | On Shore? | In Water? | Afloat? | %Grn | %Red | %Too Dcyd | Foul Odor? |

Tidal water vegetation - predominantly macroalgae

Little Assawoman Bay

Jefferson Creek

SB09: Carlisle canal

| | | | | | | | | | |
|-----------|------|------|-----|--------------|--------------|-----|-----|----|----|
| 4/13/2021 | 7:07 | 17.0 | 7.4 | Yes Major | Yes Minor | No | 100 | | No |
| 4/20/2021 | 6:56 | 15.3 | 6.5 | No | Yes Minor | No | 50 | 50 | No |
| 5/4/2021 | 8:29 | 19.6 | 6.1 | Yes Minor | No | No | | | No |
| 5/18/2021 | 6:55 | 21.3 | 4.2 | Yes Minor | Yes Minor | Yes | 100 | | No |
| 5/25/2021 | 8:10 | 23.9 | 0.7 | Yes Minor | No | No | | | No |

SB10E: Russell Canal east dead end

| | | | | | | | | | |
|-----------|------|------|-----|--------------|----|----|-----|--|----|
| 4/13/2021 | 8:17 | 15.9 | 3.3 | Yes Minor | No | No | 100 | | No |
| 5/4/2021 | 7:13 | 20.5 | 3.1 | Yes Minor | No | No | | | No |
| 5/11/2021 | 7:09 | 18.4 | 1.6 | Yes Minor | No | No | | | No |
| 5/18/2021 | 7:52 | 21.2 | 3.7 | Yes Minor | No | No | 100 | | No |
| 5/25/2021 | 7:11 | 22.1 | 1.5 | Yes Minor | No | No | | | No |

SB10W: Russell Canal west dead end

| | | | | | | | | | |
|-----------|------|------|-----|--------------|--------------|----|-----|--|----|
| 4/13/2021 | 8:37 | 16.6 | 3.6 | Yes Minor | No | No | 100 | | No |
| 4/20/2021 | 8:13 | 15.5 | 6.8 | Yes Minor | Yes Minor | No | 100 | | No |
| 5/4/2021 | 7:33 | 20.5 | 5.0 | Yes Minor | No | No | | | No |
| 5/11/2021 | 7:30 | 18.1 | 3.2 | Yes Minor | No | No | | | No |

Vegetation comments: "Minor" - bands up to 10 feet wide; "Major" - bands greater than 10 ' wide.

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| Water Body | Tributary | Site | Date | Time | WTemp | DO | ---Where is the vegetation?--- | | | --What condition is the vegetation?-- | | | |
|------------|-----------|------|------|------|-------|----|--------------------------------|-----------|---------|---------------------------------------|------|-----------|------------|
| | | | | | | | On Shore? | In Water? | Afloat? | %Grn | %Red | %Too Dcyd | Foul Odor? |

Tidal water vegetation - predominantly macroalgae

Little Assawoman Bay

Jefferson Creek

SB10W: Russell Canal west dead end

| | | | | | | | | | |
|-----------|------|------|-----|--------------|--------------|----|-----|--|----|
| 5/18/2021 | 8:08 | 21.4 | 3.7 | Yes Minor | Yes Minor | No | 100 | | No |
| 5/25/2021 | 7:27 | 22.1 | 0.3 | Yes Minor | No | No | | | No |

SB13: South end of York Canal

| | | | | | | | | | |
|-----------|------|------|-----|--------------|--------------|----|-----|----|----|
| 4/13/2021 | 7:14 | 14.6 | 8.0 | Yes Minor | No | No | 100 | | No |
| 4/20/2021 | 7:05 | 14.0 | 7.7 | No | Yes Minor | No | 50 | 50 | No |
| 5/4/2021 | 8:35 | 19.8 | 6.9 | Yes Major | No | No | | | No |
| 5/11/2021 | 8:23 | 16.8 | 5.8 | Yes Minor | No | No | | | No |
| 5/18/2021 | 7:00 | 20.4 | 7.2 | Yes Major | Yes Minor | No | 100 | | No |
| 5/25/2021 | 8:15 | 21.6 | 2.3 | Yes Major | No | No | | | No |

Little Assawoman Bay

LA42: Narrows Beach, off of Rt. 1 south of South Bethany knee deep wading sample.

| | | | | | | | | | |
|-----------|------|------|-----|--------------|--------------|----|--|-----|----|
| 4/19/2021 | 8:53 | 14.5 | 7.4 | Yes Minor | Yes Minor | No | | 100 | No |
|-----------|------|------|-----|--------------|--------------|----|--|-----|----|

Rehoboth Bay

Guinea Creek

RB06: Guinea Creek (Winding Creek Village)

| | | | | | | | | | |
|-----------|------|------|-----|--------------|--------------|-----|----|----|----|
| 4/13/2021 | 8:01 | 14.5 | 7.8 | Yes Minor | Yes Minor | Yes | 30 | 70 | No |
| 5/10/2021 | 8:02 | 18.8 | 9.3 | Yes Minor | Yes Minor | Yes | | | No |

Vegetation comments: "Minor" - bands up to 10 feet wide; "Major" - bands greater than 10 ' wide.

University of Delaware Citizen Monitoring Program