



2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L19R-01-PCB - Roanoke (Staunton) River, Cub Creek**

| | |
|--------------------------------|---|
| Location: | Roanoke (Staunton) River from Leesville Dam to the backwaters of Kerr Reservoir, and Cub Creek from its mouth to the crossing of Rough Creek Road near Rough Creek. |
| City/County | Campbell Co., Charlotte Co., Halifax Co., Pittsylvania Co. |
| Use(s): | Fish Consumption, Public Water Supply |
| Cause(s) / VA Category: | PCB in Fish Tissue / 4A, PCB in Water Column / 4A, PCB in Water Column / 4A |

VDH Fish Advisory - PCBs: Issued 7/24/98, revised 8/31/07 & Mercury: Issued 8/31/07

Roanoke (Staunton) River from below Leesville Dam downstream ~ 98 miles to the confluence of Dan River including its tributary Cub Creek up to Rough Creek Road (State Route 695) near Rough Creek.

VDH recommends the following precautions to reduce any potential harmful effects from eating contaminated fish:

Eat smaller, younger fish (within the legal limits). Younger fish are less likely to contain harmful levels of contaminants than larger, older fish.

Eat fewer or smaller servings of fish.

Try to eat different species of fish from various sources (i.e., different creeks, rivers and streams).

Cleaning or cooking contaminated fish does not eliminate or reduce mercury. However, levels of PCBs in fish can be reduced by taking the following precautions:

Remove the skin, the fat from the belly and top and internal organs before cooking the fish.

Bake, broil or grill on an open rack to allow fats to drain away from the meat.

Discard the fats that cook out of the fish.

Avoid or reduce the amount of fish drippings or broth that is used to flavor the meal.

Eat less deep-fried fish, since frying seals contaminants into the fatty tissue.

For more information about fish consumption advisories, including frequently asked questions go to www.vdh.virginia.gov.

PCB Fish Tissue Sampling Results

Near Route 29 - Altavista

4AROA129.55 (2006 FT/Sediment) - 1 species exceeded VDH upper level of concern

Near Long Island

4AROA108.09 (2006 FT/Sediment) - 1 species exceeded VDH upper level of concern

Near Brookneal

4AROA097.07 (2006 FT/Sediment) - 1 species exceeded VDH upper level of concern

Near Route 746 - Randolph

4AROA067.91 (2006 FT/Sediment) - 2 species exceed VDH upper level of concern

Near Route 360 - Clover

4AROA059.12 (2006 FT/Sediment) - 2 species exceed VDH upper level of concern

Near Clarksville

4AROA036.59 (2006 FT/Sediment) - 2 species exceeded VDH lower level of concern

Kerr Reservoir near Ivy Hill

4AROA028.04 (2006 FT/Sediment) - 2 species exceed VDH lower level of concern

Lake Gaston near State Line

4AROA004.54 (2006 FT/Sediment) - 1 species exceeded VDH lower level of concern

Cub Creek near Route 40 Gaging Station

4ACUB010.96 (2006 FT/Sediment) - 1 species exceeded VDH upper level of concern

The Roanoke (Staunton) River is impaired for the Public Water Supply Use due to violations of the tPCB in Water human health criteria. The PWS impairment extends from the confluence of the Big Otter River to the backwaters of Kerr Reservoir. Violation information is provided below.

Station IDs:

2007-2008 PCB TMDL Monitoring

4AROA124.59

tPCB in Water Violations - 2909 pg/L & 4466 pg/L
 4AROA097.76
 tPCB in Water Violations - 1115 pg/L & 4304 pg/L
 4AROA090.50
 tPCB in Water Violations - 1192 pg/L & 1625 pg/L
 4AROA067.91
 tPCB in Water Violations - 1336 pg/L & 1307 pg/L
 4AROA059.12
 tPCB in Water Violations - 1627 pg/L & 1359 pg/L

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|--------------------------|---|----------------|--------------------|--------------------|---------------|-------|
| VAC-L30R_ROA01A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from the Falling River mouth at the Campbell/Charlotte/Halifax County line downstream to the confluence of Childrey Creek. | 4A | PCB in Fish Tissue | 2002 | 2010 | 2.65 |
| VAC-L30R_ROA02A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from the Brookneal Staunton River POTW downstream to the confluence of Falling River at the Campbell/Charlotte/Halifax County Line. | 4A | PCB in Fish Tissue | 2002 | 2010 | 2.26 |
| VAC-L30R_ROA03A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from Dan River, Inc. downstream to the Brookneal Staunton River POTW. | 4A | PCB in Fish Tissue | 2002 | 2010 | 0.90 |
| VAC-L30R_ROA04A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from Buffalo Creek confluence downstream to Dan River, Inc. | 4A | PCB in Fish Tissue | 2002 | 2010 | 4.94 |
| VAC-L30R_ROA06A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from the Big Otter River mouth downstream to the confluence of Buffalo Creek. | 4A | PCB in Fish Tissue | 2002 | 2010 | 22.20 |
| VAC-L36R_ROA01A98 | Roanoke (Staunton) River | Childrey Creek to Cub Creek. | 4A | PCB in Fish Tissue | 2002 | 2010 | 14.05 |
| VAC-L37R_CUB01B08 | Cub Creek | The Rough Creek Road Crossing near Rough Creek to the confluence with Terrys Creek. | 4A | PCB in Fish Tissue | 2008 | 2020 | 5.72 |
| VAC-L37R_CUB02A06 | Cub Creek | From Terrys Creek to the mouth at the Roanoke (Staunton) River | 4A | PCB in Fish Tissue | 2008 | 2020 | 8.53 |
| VAC-L38R_ROA02A98 | Roanoke (Staunton) River | Cub Creek to Roanoke Creek. | 4A | PCB in Fish Tissue | 2002 | 2010 | 12.54 |
| VAC-L40R_ROA03A98 | Roanoke (Staunton) River | Roanoke Creek to the pipeline crossing approximately 5.4 miles downstream of the Route 360 bridge. | 4A | PCB in Fish Tissue | 1998 | 2010 | 10.18 |
| VAC-L40R_ROA04A98 | Roanoke (Staunton) River | The pipeline crossing about 5.4 miles downstream of the Route 360 bridge to Kerr Reservoir. | 4A | PCB in Fish Tissue | 1998 | 2010 | 4.41 |

Roanoke (Staunton) River, Cub Creek

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: **VAC-L30R-01**

PCB in Fish Tissue / 4A
 Total impaired size by water type:

88.38

Fish Consumption

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|--------------------------|--|----------------|---------------------|--------------------|---------------|------|
| VAC-L30R_ROA01A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from the Falling River mouth at the Campbell/Charlotte/Halifax County line downstream to the confluence of Childrey Creek. | 4A | PCB in Water Column | 2010 | 2022 | 5.30 |

| | | | | | | | |
|-------------------|--------------------------|---|----|---------------------|------|------|-------|
| VAC-L30R_ROA02A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from the Brookneal Staunton River POTW downstream to the confluence of Falling River at the Campbell/Charlotte/Halifax County Line. | 4A | PCB in Water Column | 2010 | 2022 | 4.52 |
| VAC-L30R_ROA03A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from Dan River, Inc. downstream to the Brookneal Staunton River POTW. | 4A | PCB in Water Column | 2010 | 2022 | 1.80 |
| VAC-L30R_ROA04A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from Buffalo Creek confluence downstream to Dan River, Inc. | 4A | PCB in Water Column | 2010 | 2022 | 9.88 |
| VAC-L30R_ROA06A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from the Big Otter River mouth downstream to the confluence of Buffalo Creek. | 4A | PCB in Water Column | 2010 | 2022 | 44.40 |
| VAC-L36R_ROA01A98 | Roanoke (Staunton) River | Childrey Creek to Cub Creek. | 4A | PCB in Water Column | 2010 | 2022 | 28.10 |
| VAC-L38R_ROA02A98 | Roanoke (Staunton) River | Cub Creek to Roanoke Creek. | 4A | PCB in Water Column | 2010 | 2022 | 25.08 |
| VAC-L40R_ROA03A98 | Roanoke (Staunton) River | Roanoke Creek to the pipeline crossing approximately 5.4 miles downstream of the Route 360 bridge. | 4A | PCB in Water Column | 2010 | 2022 | 20.36 |
| VAC-L40R_ROA04A98 | Roanoke (Staunton) River | The pipeline crossing about 5.4 miles downstream of the Route 360 bridge to Kerr Reservoir. | 4A | PCB in Water Column | 2010 | 2022 | 8.82 |

Impaired area ID: VAC-L30R-01

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Fish Consumption

PCB in Water Column / 4A
Total impaired size by water type:

74.13

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|--------------------------|---|----------------|---------------------|--------------------|---------------|-------|
| VAC-L30R_ROA01A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from the Falling River mouth at the Campbell/Charlotte/Halifax County line downstream to the confluence of Childrey Creek. | 4A | PCB in Water Column | 2010 | 2022 | 5.30 |
| VAC-L30R_ROA02A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from the Brookneal Staunton River POTW downstream to the confluence of Falling River at the Campbell/Charlotte/Halifax County Line. | 4A | PCB in Water Column | 2010 | 2022 | 4.52 |
| VAC-L30R_ROA03A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from Dan River, Inc. downstream to the Brookneal Staunton River POTW. | 4A | PCB in Water Column | 2010 | 2022 | 1.80 |
| VAC-L30R_ROA04A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from Buffalo Creek confluence downstream to Dan River, Inc. | 4A | PCB in Water Column | 2010 | 2022 | 9.88 |
| VAC-L30R_ROA06A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from the Big Otter River mouth downstream to the confluence of Buffalo Creek. | 4A | PCB in Water Column | 2010 | 2022 | 44.40 |
| VAC-L36R_ROA01A98 | Roanoke (Staunton) River | Childrey Creek to Cub Creek. | 4A | PCB in Water Column | 2010 | 2022 | 28.10 |
| VAC-L38R_ROA02A98 | Roanoke (Staunton) River | Cub Creek to Roanoke Creek. | 4A | PCB in Water Column | 2010 | 2022 | 25.08 |
| VAC-L40R_ROA03A98 | Roanoke (Staunton) River | Roanoke Creek to the pipeline crossing approximately 5.4 miles downstream of the Route 360 bridge. | 4A | PCB in Water Column | 2010 | 2022 | 20.36 |
| VAC-L40R_ROA04A98 | Roanoke (Staunton) River | The pipeline crossing about 5.4 miles downstream of the Route 360 bridge to Kerr Reservoir. | 4A | PCB in Water Column | 2010 | 2022 | 8.82 |

Impaired area ID: VAC-L30R-01**Public Water Supply**

| | Estuary (sq. miles) | Reservoir (acres) | River (miles) |
|------------------------------------|--------------------------------|------------------------------|--------------------------|
| PCB in Water Column / 4A | | | |
| Total impaired size by water type: | | | 74.13 |

Sources:

- Contaminated Sediments
- Municipal Point Source Discharges
- Non-Point Source
- Unspecified Urban Stormwater

* Narrative descriptions, location and city/county describe the entire extent of the impairment. Sizes may not represent the total size of the impairment.



2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L30R-01-BAC - Buffalo Creek**

| | |
|--------------------------------|---|
| Location: | Buffalo Creek mainstem from its mouth on the Roanoke (Staunton) River upstream to its headwaters. |
| City/County | Halifax Co., Pittsylvania Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

NESTED: 24387, 6/20/2006

Station ID:

4ABHA002.47 (Ambient)

E. coli - 5/14 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|---------------|---|----------------|------------------|--------------------|---------------|------|
| VAC-L30R_BHA01A02 | Buffalo Creek | Buffalo Creek mainstem from its mouth on the Roanoke (Staunton) River upstream to its headwaters. | 4A | Escherichia coli | 2008 | 2018 | 9.03 |

Buffalo Creek

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: VAC-L30R-01

Escherichia coli / 4A

Total impaired size by water type:

9.03

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

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2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L30R-02-BAC - Childrey Creek**

| | |
|--------------------------------|---|
| Location: | Childrey Creek mainstem from its headwaters downstream to the Childrey Creek mouth on the Roanoke (Staunton) River. |
| City/County | Halifax Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

NESTED: 24387, 6/20/2006

Station IDs:

4ACRE002.52 (Ambient)

E. coli - 2/12 Violation Rate

4ACRE008.75 (Ambient)

E. coli - 1/8 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|----------------|---|----------------|------------------|--------------------|---------------|-------|
| VAC-L30R_CRE01A00 | Childrey Creek | Childrey Creek mainstem from its headwaters downstream to the Childrey Creek mouth on the Roanoke (Staunton) River. | 4A | Escherichia coli | 2006 | 2018 | 13.40 |

Childrey Creek

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: VAC-L30R-01

Escherichia coli / 4A

Total impaired size by water type:

13.4

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

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2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L30R-03-BAC - Straightstone Creek**

| | |
|--------------------------------|--|
| Location: | Straightstone Creek mainstem from its mouth on the Roanoke (Staunton) River upstream to Little Straightstone Creek |
| City/County | Pittsylvania Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

NESTED: 24387, 6/20/2006

Station ID:

4ASSC002.98 (TMDL Monitoring)

E. coli - 6/12 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|---------------------|--|----------------|------------------|--------------------|---------------|------|
| VAC-L30R_SSC01A02 | Straightstone Creek | Straightstone Creek mainstem from its mouth on the Roanoke (Staunton) River upstream to Little Straightstone Creek | 4A | Escherichia coli | 2006 | 2018 | 8.46 |

Straightstone Creek

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: VAC-L30R-01

Escherichia coli / 4A

Total impaired size by water type:

8.46

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

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2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L30R-04-BAC - Whipping Creek**

| | |
|--------------------------------|--|
| Location: | Whipping Creek mainstem from its mouth on the Roanoke (Staunton) River upstream to its headwaters. |
| City/County | Campbell Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

NESTED: 24387, 6/20/2006

Station ID:

4AWPP002.53 (TMDL, Ambient)

E. coli - 3/24 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|----------------|--|----------------|------------------|--------------------|---------------|-------|
| VAC-L30R_WPP01A02 | Whipping Creek | Whipping Creek mainstem from its mouth on the Roanoke (Staunton) River upstream to its headwaters. | 4A | Escherichia coli | 2006 | 2018 | 13.55 |

Whipping Creek

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: VAC-L30R-01

Escherichia coli / 4A

Total impaired size by water type:

13.55

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

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2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L30R-05-BAC - Little Straightstone Creek**

| | |
|--------------------------------|---|
| Location: | Little Straightstone Creek from its headwaters to the mouth |
| City/County | Pittsylvania Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

NESTED: 24387, 6/20/2006

Station ID:

4ALHT000.70 (TMDL Monitoring)

E. coli - 5/11 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|----------------------------|---|----------------|------------------|--------------------|---------------|------|
| VAC-L30R_LHT01A06 | Little Straightstone Creek | Little Straightstone Creek from its headwaters to the mouth | 4A | Escherichia coli | 2006 | 2018 | 7.36 |

Little Straightstone Creek

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: VAC-L30R-01

Escherichia coli / 4A

Total impaired size by water type:

7.36

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

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2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L36R-01-BAC - Turnip Creek**

| | |
|--------------------------------|--|
| Location: | Turnip Creek from its headwaters to the mouth. |
| City/County | Charlotte Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

Station IDs:

4ATIP002.55 (Ambient, TMDL)
 E. coli - 4/12 Violation Rate
 4ATIP008.76 (TMDL Monitoring)
 E. coli - 6/12 Violation Rate
 4ATIP013.21 (TMDL Monitoring)
 E. coli - 4/12 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|--------------|--|----------------|------------------|--------------------|---------------|-------|
| VAC-L36R_TIP01A00 | Turnip Creek | Buck Branch to Roanoke River | 4A | Escherichia coli | 2006 | 2010 | 2.68 |
| VAC-L36R_TIP02A06 | Turnip Creek | From its headwaters to the confluence with Buck Branch | 4A | Escherichia coli | 2006 | 2018 | 15.95 |

Turnip Creek

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: VAC-L30R-01

Escherichia coli / 4A
 Total impaired size by water type: 18.63

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

* Narrative descriptions, location and city/county describe the entire extent of the impairment. Sizes may not represent the total size of the impairment.



2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L36R-02-BAC - Catawba Creek**

| | |
|--------------------------------|---|
| Location: | Catawba Creek from its headwaters to the mouth. |
| City/County | Halifax Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

NESTED: 23315, 06/20/2006

Station ID:

4ACBA000.22 (TMDL Monitoring)

E. coli - 2/11 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|---------------|----------------------------------|----------------|------------------|--------------------|---------------|------|
| VAC-L36R_CBA01A06 | Catawba Creek | From its headwaters to the mouth | 4A | Escherichia coli | 2006 | 2018 | 7.70 |

Catawba Creek

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: VAC-L30R-01

Escherichia coli / 4A

Total impaired size by water type:

7.7

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

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2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L36R-03-BAC - Buckskin Creek**

| | |
|--------------------------------|--|
| Location: | Buckskin Creek from its headwaters to its mouth on the Roanoke (Staunton) River. |
| City/County | Halifax Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

NESTED: 23315, 06/20/2006

Station ID:

4ABCD001.70 (Ambient)

E. coli - 2/9 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|----------------|---|----------------|------------------|--------------------|---------------|------|
| VAC-L36R_BCD01A08 | Buckskin Creek | Buckskin Creek from its headwaters to its mouth on the Roanoke (Staunton) River | 4A | Escherichia coli | 2008 | 2020 | 7.73 |

Buckskin Creek

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: VAC-L30R-01

Escherichia coli / 4A

Total impaired size by water type:

7.73

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

* Narrative descriptions, location and city/county describe the entire extent of the impairment. Sizes may not represent the total size of the impairment.



2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L36R-04-BAC - Armistead Branch**

| | |
|--------------------------------|---|
| Location: | Armistead Branch from its headwaters to its mouth on Catawba Creek. |
| City/County | Halifax Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

NESTED: 24387, 06/20/2006

Station ID:

4AATD002.66 (Ambient)

E. coli - 12/12 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|------------------|--|----------------|------------------|--------------------|---------------|------|
| VAC-L36R_ATD01A08 | Armistead Branch | Armistead Branch from its headwaters to its mouth on Catawba Creek | 4A | Escherichia coli | 2010 | 2022 | 5.00 |

Armistead Branch

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: VAC-L30R-01

Escherichia coli / 4A

Total impaired size by water type:

5

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

* Narrative descriptions, location and city/county describe the entire extent of the impairment. Sizes may not represent the total size of the impairment.



2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L37R-01-BAC - Cub Creek**

| | |
|--------------------------------|--|
| Location: | From Terrys Creek to the mouth at the Roanoke (Staunton) River |
| City/County | Charlotte Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

Station ID:

4ACUB002.21 (2006 Roanoke Bacteria TMDL)

E. coli - 3/12 Violation Rate

4ACUB005.46 (2006 Roanoke Bacteria TMDL)

E. coli - 3/12 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|------------|--|----------------|------------------|--------------------|---------------|------|
| VAC-L37R_CUB02A06 | Cub Creek | From Terrys Creek to the mouth at the Roanoke (Staunton) River | 4A | Escherichia coli | 2006 | 2018 | 8.53 |

Cub Creek

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: VAC-L30R-01

Escherichia coli / 4A

Total impaired size by water type:

8.53

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

* Narrative descriptions, location and city/county describe the entire extent of the impairment. Sizes may not represent the total size of the impairment.



2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L37R-02-BAC - Louse Creek**

| | |
|--------------------------------|---|
| Location: | Louse Creek from its headwaters to the mouth. |
| City/County | Charlotte Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

NESTED: 23315, 06/20/2006

Station ID:

4ALOU001.16 (TMDL Monitoring)

E. coli - 4/12 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|-------------|---|----------------|------------------|--------------------|---------------|------|
| VAC-L37R_LOU01A06 | Louse Creek | From its headwaters to the mouth on Cub Creek | 4A | Escherichia coli | 2006 | 2018 | 8.41 |

Louse Creek

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: VAC-L30R-01

Escherichia coli / 4A

Total impaired size by water type:

8.41

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

* Narrative descriptions, location and city/county describe the entire extent of the impairment. Sizes may not represent the total size of the impairment.



2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L37R-03-BAC - Big Cub Creek**

| | |
|--------------------------------|--|
| Location: | Big Cub Creek from the confluence with Cub Creek upstream to its headwaters to include Left Hand Fork and tribs. |
| City/County | Charlotte Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

NESTED: 24391, 06/20/2006

Station IDs:

4ABUB000.06 (Ambient, TMDL)

E. coli - 3/15 Violation Rate

4ABUB006.50 (TMDL Monitoring)

E. coli - 4/12 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|---------------|---|----------------|------------------|--------------------|---------------|-------|
| VAC-L37R_BUB01A06 | Big Cub Creek | From the confluence with Cub Creek upstream to its headwaters to include Left Hand Fork and tribs | 4A | Escherichia coli | 2006 | 2018 | 25.02 |

Big Cub Creek

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: VAC-L30R-01

Escherichia coli / 4A

Total impaired size by water type:

25.02

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

* Narrative descriptions, location and city/county describe the entire extent of the impairment. Sizes may not represent the total size of the impairment.



2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L37R-04-BAC** - Little Cub Creek

| | |
|--------------------------------|--|
| Location: | Little Cub Creek from its headwaters to its confluence with Cub Creek. |
| City/County | Charlotte Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

NESTED: 24391, 06/20/2006

Station ID:

4ALUB000.12 (2006 Roanoke Bacteria TMDL)

E. coli - 4/12 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|------------------|---|----------------|------------------|--------------------|---------------|------|
| VAC-L37R_LUB01A06 | Little Cub Creek | From its headwaters downstream to its confluence with Cub Creek | 4A | Escherichia coli | 2006 | 2018 | 8.71 |

Little Cub Creek

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: VAC-L30R-01

Escherichia coli / 4A

Total impaired size by water type:

8.71

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

* Narrative descriptions, location and city/county describe the entire extent of the impairment. Sizes may not represent the total size of the impairment.



2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L37R-05-BAC - Terrys Creek**

| | |
|--------------------------------|---|
| Location: | Terrys Creek from its headwaters to its mouth on Cub Creek. |
| City/County | Charlotte Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

NESTED: 23315, 06/20/2006

Station ID:

4ATYS001.25 (Ambient)

E. coli - 7/9 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|--------------|--|----------------|------------------|--------------------|---------------|------|
| VAC-L37R_TYS01A08 | Terrys Creek | Terrys Creek from its headwaters to its mouth on Cub Creek | 4A | Escherichia coli | 2008 | 2020 | 7.00 |

Terrys Creek

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: VAC-L30R-01

Escherichia coli / 4A

Total impaired size by water type:

7

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

* Narrative descriptions, location and city/county describe the entire extent of the impairment. Sizes may not represent the total size of the impairment.



2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L38L-01-HG - Conner Lake**

| | |
|--------------------------------|-----------------------------|
| Location: | Conner Lake |
| City/County | Halifax Co. |
| Use(s): | Fish Consumption |
| Cause(s) / VA Category: | Mercury in Fish Tissue / 5A |

Station ID:
4AHTA003.26 (2006 FT/Sediment)
Hg 2 Species

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|-------------|----------------------|----------------|------------------------|--------------------|---------------|-------|
| VAC-L38L_HTA01L00 | Conner Lake | On Hunting Creek. | 5A | Mercury in Fish Tissue | 2010 | 2022 | 98.05 |

Conner Lake

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: VAC-L30R-01

Mercury in Fish Tissue / 5A
Total impaired size by water type:

98.05

Fish Consumption

Sources:

- Source Unknown

* Narrative descriptions, location and city/county describe the entire extent of the impairment. Sizes may not represent the total size of the impairment.



2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L40R-01-BAC - Berles Creek**

| | |
|--------------------------------|--|
| Location: | Berles Creek from its headwaters to Sandy Creek. |
| City/County | Charlotte Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

NESTED: 23316, 06/20/2006

Station ID:

4ABLE001.21

E. coli - 3/6 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|--------------|---------------------------|----------------|------------------|--------------------|---------------|------|
| VAC-L40R_BLE01A06 | Berles Creek | Headwaters to Sandy Creek | 4A | Escherichia coli | 2006 | 2014 | 2.18 |

Berles Creek

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: VAC-L30R-01

Escherichia coli / 4A

Total impaired size by water type:

2.18

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

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2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L40R-04-BAC - Sandy Creek**

| | |
|--------------------------------|--|
| Location: | Sandy Creek from its headwaters to mouth on Roanoke (Staunton) River |
| City/County | Charlotte Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

NESTED: 23316, 06/20/2006

Station ID:

4ASLA001.52 (Ambient)

E. coli - 3/15 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|------------------|-------------|---|----------------|------------------|--------------------|---------------|------|
| VAC-L40R_SL01A06 | Sandy Creek | Headwaters to mouth on Roanoke (Staunton) River | 4A | Escherichia coli | 2012 | 2024 | 5.35 |

Sandy Creek

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: VAC-L30R-01

Escherichia coli / 4A

Total impaired size by water type:

5.35

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

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2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L40R-05-BAC - Unnamed Tributary to Buffalo Creek**

| | |
|--------------------------------|--|
| Location: | Unnamed Tributary to Buffalo Creek from its headwaters to the mouth. |
| City/County | Charlotte Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

Station ID:
4AXMC000.54
E. coli - 2/5 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|----------------------------------|----------------------------------|----------------|------------------|--------------------|---------------|------|
| VAC-L40R_XMC01A06 | Buffalo Creek, Unnamed Tributary | From its headwaters to the mouth | 4A | Escherichia coli | 2002 | 2014 | 1.48 |

| | | | |
|---|------------------------------------|--------------------------|----------------------|
| Unnamed Tributary to Buffalo Creek | Estuary (sq. miles) | Reservoir (acres) | River (miles) |
| Impaired area ID: VAC-L30R-01 | | | 1.48 |
| | Escherichia coli / 4A | | |
| | Total impaired size by water type: | | |

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

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2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L40R-06-BAC - Buffalo Creek**

| | |
|--------------------------------|--|
| Location: | Buffalo Creek from an unnamed tributary at river mile 2.3 to the Roanoke (Staunton) River. |
| City/County | Charlotte Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

Station ID:
4ABNN001.85
E. coli - 13/24 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|---------------|---|----------------|------------------|--------------------|---------------|------|
| VAC-L40R_BNN01A06 | Buffalo Creek | Unnamed tributary at river mile 2.3 to the Roanoke River. | 4A | Escherichia coli | 2006 | 2016 | 2.34 |

| | | | |
|--------------------------------------|----------------------------|------------------------------------|----------------------|
| Buffalo Creek | Estuary (sq. miles) | Reservoir (acres) | River (miles) |
| Impaired area ID: VAC-L30R-01 | | Escherichia coli / 4A | 2.34 |
| | | Total impaired size by water type: | |

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

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2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L40R-07-BAC - Cargills Creek**

| | |
|--------------------------------|---|
| Location: | Cargills Creek from its headwaters to its mouth on Kerr Reservoir |
| City/County | Charlotte Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

NESTED: 23316, 06/20/2006

Station ID:

4ACAR001.70 (Ambient)

E. coli - 4/9 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|----------------|---|----------------|------------------|--------------------|---------------|------|
| VAC-L40R_CAR01A08 | Cargills Creek | Cargills Creek from its headwaters to its mouth on Kerr Reservoir | 4A | Escherichia coli | 2008 | 2020 | 4.27 |

Cargills Creek

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: VAC-L30R-01

Escherichia coli / 4A

Total impaired size by water type:

4.27

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

* Narrative descriptions, location and city/county describe the entire extent of the impairment. Sizes may not represent the total size of the impairment.



2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L19R-01-BAC - Roanoke (Staunton) River**

| | |
|--------------------------------|--|
| Location: | Roanoke (Staunton) River from the (old) Dan River, Inc. outfall to the backwaters of Kerr Reservoir. |
| City/County | Campbell Co., Charlotte Co., Halifax Co. |
| Use(s): | Recreation |
| Cause(s) / VA Category: | Escherichia coli / 4A |

Station ID:

4AROA067.91 (Ambient)

E. coli - 4/36 Violation Rate

4AROA059.12 (Ambient)

E. coli - 5/37 Violation Rate

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|--------------------------|---|----------------|------------------|--------------------|---------------|-------|
| VAC-L30R_ROA01A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from the Falling River mouth at the Campbell/Charlotte/Halifax County line downstream to the confluence of Childrey Creek. | 4A | Escherichia coli | 2006 | 2010 | 2.65 |
| VAC-L30R_ROA02A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from the Brookneal Staunton River POTW downstream to the confluence of Falling River at the Campbell/Charlotte/Halifax County Line. | 4A | Escherichia coli | 2008 | 2024 | 2.26 |
| VAC-L30R_ROA03A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from Dan River, Inc. downstream to the Brookneal Staunton River POTW. | 4A | Escherichia coli | 2008 | 2024 | 0.90 |
| VAC-L36R_ROA01A98 | Roanoke (Staunton) River | Childrey Creek to Cub Creek. | 4A | Escherichia coli | 2006 | 2010 | 14.05 |
| VAC-L38R_ROA02A98 | Roanoke (Staunton) River | Cub Creek to Roanoke Creek. | 4A | Escherichia coli | 2006 | 2010 | 12.54 |
| VAC-L40R_ROA03A98 | Roanoke (Staunton) River | Roanoke Creek to the pipeline crossing approximately 5.4 miles downstream of the Route 360 bridge. | 4A | Escherichia coli | 2006 | 2010 | 10.18 |
| VAC-L40R_ROA04A98 | Roanoke (Staunton) River | The pipeline crossing about 5.4 miles downstream of the Route 360 bridge to Kerr Reservoir. | 4A | Escherichia coli | 2006 | 2006 | 4.41 |

Roanoke (Staunton) River

Estuary (sq. miles) **Reservoir (acres)** **River (miles)**

Impaired area ID: VAC-L30R-01

Escherichia coli / 4A

Total impaired size by water type:

46.99

Recreation

Sources:

- Livestock (Grazing or Feeding Operations)
- Unspecified Domestic Waste
- Wastes from Pets
- Wildlife Other than Waterfowl

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2012 Impaired Waters

Category 4 & 5 by 2012 Impaired Area ID*

Roanoke and Yadkin River Basins

Cause Group Code: **L19R-01-HG - Roanoke (Staunton) River, Cub Creek, Kerr Reservoir**

| | |
|--------------------------------|--|
| Location: | Roanoke (Staunton) River from Leesville Dam to the John H. Kerr Dam including Kerr Reservoir, its tributaries Eastland Creek and Nutbush Creek (within the state of Virginia) and Cub Creek from its mouth to the crossing of Rough Creek Road near Rough Creek. |
| City/County | Campbell Co., Charlotte Co., Halifax Co., Mecklenburg Co., Pittsylvania Co. |
| Use(s): | Fish Consumption |
| Cause(s) / VA Category: | Mercury in Fish Tissue / 5A |

VDH Fish Advisory - PCBs: Issued 7/24/98, revised 8/31/07 & Mercury: Issued 8/31/07

Roanoke (Staunton) River from below Leesville Dam downstream ~ 98 miles to the confluence of Dan River including its tributary Cub Creek up to Rough Creek Road (State Route 695) near Rough Creek.

VDH recommends the following precautions to reduce any potential harmful effects from eating contaminated fish:

Eat smaller, younger fish (within the legal limits). Younger fish are less likely to contain harmful levels of contaminants than larger, older fish.

Eat fewer or smaller servings of fish.

Try to eat different species of fish from various sources (i.e., different creeks, rivers and streams).

Cleaning or cooking contaminated fish does not eliminate or reduce mercury. However, levels of PCBs in fish can be reduced by taking the following precautions:

Remove the skin, the fat from the belly and top and internal organs before cooking the fish.

Bake, broil or grill on an open rack to allow fats to drain away from the meat.

Discard the fats that cook out of the fish.

Avoid or reduce the amount of fish drippings or broth that is used to flavor the meal.

Eat less deep-fried fish, since frying seals contaminants into the fatty tissue.

For more information about fish consumption advisories, including frequently asked questions go to www.vdh.virginia.gov.

Mercury Fish Tissue Sampling Results

Near Route 29 - Altavista

4AROA129.55 (2006 FT/Sediment) - 2 species exceed Mercury VDH level of concern

Near Brookneal

4AROA097.07 (2006 FT/Sediment) - 1 species exceeded Mercury VDH level of concern

Near Route 746 - Randolph

4AROA067.91 (2006 FT/Sediment) - 1 species exceeded Mercury VDH level of concern

Near Route 360 - Clover

4AROA059.12 (2006 FT/Sediment) - 4 species exceed Mercury VDH level of concern

Near Clarksville

4AROA036.59 (2006 FT/Sediment) - 1 species exceeded Mercury VDH level of concern

Kerr Reservoir near Ivy Hill

4AROA028.04 (2006 FT/Sediment) - 2 species exceed Mercury VDH level of concern

Lake Gaston near State Line

4AROA004.54 (2006 FT/Sediment) - 1 species exceeded Mercury VDH level of concern

| Assessment Unit | Water name | Location Description | Cause Category | Cause Name | Cycle First Listed | TMDL Schedule | Size |
|-------------------|--------------------------|--|----------------|------------------------|--------------------|---------------|------|
| VAC-L30R_ROA01A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from the Falling River mouth at the Campbell/Charlotte/Halifax County line downstream to the confluence of Childrey Creek. | 5A | Mercury in Fish Tissue | 2008 | 2020 | 2.65 |
| | | Roanoke (Staunton) River mainstem | | | | | |

| | | | | | | | |
|-------------------|--------------------------|---|----|------------------------|------|------|-------|
| VAC-L30R_ROA02A00 | Roanoke (Staunton) River | from the Brookneal Staunton River POTW downstream to the confluence of Falling River at the Campbell/Charlotte/Halifax County Line. | 5A | Mercury in Fish Tissue | 2008 | 2020 | 2.26 |
| VAC-L30R_ROA03A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from Dan River, Inc. downstream to the Brookneal Staunton River POTW. | 5A | Mercury in Fish Tissue | 2008 | 2020 | 0.90 |
| VAC-L30R_ROA04A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from Buffalo Creek confluence downstream to Dan River, Inc. | 5A | Mercury in Fish Tissue | 2008 | 2020 | 4.94 |
| VAC-L30R_ROA06A00 | Roanoke (Staunton) River | Roanoke (Staunton) River mainstem from the Big Otter River mouth downstream to the confluence of Buffalo Creek. | 5A | Mercury in Fish Tissue | 2008 | 2020 | 22.20 |
| VAC-L36R_ROA01A98 | Roanoke (Staunton) River | Childrey Creek to Cub Creek. | 5A | Mercury in Fish Tissue | 2008 | 2020 | 14.05 |
| VAC-L37R_CUB01B08 | Cub Creek | The Rough Creek Road Crossing near Rough Creek to the confluence with Terrys Creek. | 5A | Mercury in Fish Tissue | 2008 | 2020 | 5.72 |
| VAC-L37R_CUB02A06 | Cub Creek | From Terrys Creek to the mouth at the Roanoke (Staunton) River | 5A | Mercury in Fish Tissue | 2008 | 2020 | 8.53 |
| VAC-L38R_ROA02A98 | Roanoke (Staunton) River | Cub Creek to Roanoke Creek. | 5A | Mercury in Fish Tissue | 2008 | 2020 | 12.54 |
| VAC-L40R_ROA03A98 | Roanoke (Staunton) River | Roanoke Creek to the pipeline crossing approximately 5.4 miles downstream of the Route 360 bridge. | 5A | Mercury in Fish Tissue | 2008 | 2020 | 10.18 |
| VAC-L40R_ROA04A98 | Roanoke (Staunton) River | The pipeline crossing about 5.4 miles downstream of the Route 360 bridge to Kerr Reservoir. | 5A | Mercury in Fish Tissue | 2008 | 2020 | 4.41 |

Roanoke (Staunton) River, Cub Creek, Kerr Reservoir

Estuary (sq. miles) Reservoir (acres) River (miles)

Impaired area ID: VAC-L30R-01

Mercury in Fish Tissue / 5A
Total impaired size by water type:

88.38

Fish Consumption

Sources:

- Source Unknown

* Narrative descriptions, location and city/county describe the entire extent of the impairment. Sizes may not represent the total size of the impairment.

