

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Cape Fear River Basin	03030002	Haw
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HAW RIVER	16-(1)a	WS-V;NSW	7.8	FW Miles
3773 From source to SR 2109				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

HAW RIVER	16-(1)c1	WS-V;NSW	7.3	FW Miles
13380	From SR 2426 to Troublesome Creek at US29			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Copper (7 µg/l, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

HAW RIVER	16-(1)c2	WS-V;NSW	13.9	FW Miles
13415	From Troublesome Creek at US29 to NC87			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

UT HAW R	16-(1)cut31		2.9	FW Miles
13247	Source to HAW R			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

Ut to Haw River	16-(1)d2ut12		4.6	FW Miles
12951	From source to Haw River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive

HAW RIVER	16-(10)	WS-IV;NSW,CA	0.6	FW Miles
13631	From a point 0.5 mile downstream of SR2711 to a point 0.1 mile upstream of SR2712			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

HAW RIVER	16-(10.5)a	WS-V;NSW	4.2	FW Miles
13632	From a point 0.1 mile upstream of SR2712 to NC 87			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
1,4-Dioxane in Water (80 µg/l, AL, FW)	3a	Data Inconclusive
Benthos (Nar, AL, FW)	1	Meeting Criteria
1,4-Dioxane in Water (0.35 µg/l, WS, WS)	3a	Data Inconclusive

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
HAW RIVER	16-(10.5)b	WS-V;NSW	1.3	FW Miles
13496	From NC 87 to Reedy Fork			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
1,4-Dioxane in Water (80 µg/l, AL, FW)	3a	Data Inconclusive
Turbidity (50 NTU, AL, FW miles)	3a	Data Inconclusive
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

HAW RIVER	16-(10.5)c	WS-V;NSW	10.1	FW Miles
13493	From Reedy Fork to Service Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Turbidity (50 NTU, AL, FW miles)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

HAW RIVER	16-(10.5)d	WS-V;NSW	2.1	FW Miles
13495	From Service Creek to a NC 49			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	3i	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Total Suspended Solids	3t	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	4t	Exceeding Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

HAW RIVER	16-(10.5)e	WS-V;NSW	18.5	FW Miles
13494	From NC 49 to a point 0.4 mile downstream of Cane Creek (South side of Haw River)			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Turbidity (50 NTU, AL, FW miles)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

HAW RIVER	16-(28.5)	WS-IV;NSW	11.4	FW Miles
3775	From 0.4 miles downstream of Crane Creek (16-28) to a 0.5 miles upstream of the Town of Pittsboro water supply intake (located 0.15 mile upstream of U.S. 15/501).			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

HAW RIVER	16-(28.875)	WS-IV;NSW	0.5	FW Miles	
13405	From the Town of Pittsboro water supply intake (located 0.15 mile upstream of U.S. 15/501) to a point 0.4 mile downstream of Brooks Branch.				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
1,4-Dioxane in Water (0.35 µg/l, WS, WS)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

HAW RIVER	16-(36.7)	WS-IV;NSW	3.8	FW Miles	
3777	From Pittsboro water supply intake to a point 0.5 mile downstream of U.S. Hw. 64				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Haw River (B. Everett Jordan Lake below normal pool elevatio	16-(37.5)a2	WS-IV,B;NSW,CA	651.5	FW Acres
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13704	From downstream of Stinking Creek Arm to dam at B. Everett Jordan Lake
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
pH (9.0, AL, FW)	4i	Exceeding Criteria
Chlorophyll a (40 µg/l, AL, NC)	4i	Exceeding Criteria
Turbidity (25 NTU, AL, FW acres & SW)	4i	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Total Nitrogen	4t	Exceeding Criteria
Total Phosphorus	4t	Exceeding Criteria
Total Suspended Solids	4t	Exceeding Criteria
Turbidity (50 NTU, AL, FW miles)	3i	Data Inconclusive

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
HAW RIVER	16-(42)	WS-IV	4.3	FW Miles
3780	From dam at B. Everett Jordan Lake to Cape Fear River (junction with Deep River)			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
1,4-Dioxane in Water (0.35 µg/l, WS, WS)	3a	Data Inconclusive
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Beryllium Dissolved Chronic (6.5, AL, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria
Chromium Dissolved Chronic (Calcuated, AL, FW)	3a	Data Inconclusive
Arsenic Dissolved Chronic (36 µg/l, AL, SW)	3a	Data Inconclusive
Cadmium Dissolved Chronic (8.8, AL, SW)	3a	Data Inconclusive
Copper Dissolved Acute (4.8 µg/l, AL, SW)	3a	Data Inconclusive
Nickel Dissolved Chronic (8.2, AL, SW)	3a	Data Inconclusive
Silver Dissolved Chronic (0.1 µg/l, AL, SW)	3a	Data Inconclusive
Zinc Dissolved Chronic (81 µg/l, AL, SW)	3a	Data Inconclusive
Lead Dissolved Chronic (8.1, AL, SW)	3a	Data Inconclusive

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

HAW RIVER	16-(6.5)	WS-IV;NSW	9.4	FW Miles
13630	From a point 0.9 miles downstream of Troublesome Creek to a point 0.5 miles downstream of SR2711			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	3a	Data Inconclusive
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

Reedy Creek	16-11-(1)a	WS-III;NSW	8.1	FW Miles
3784	From source to UT 0.7 miles downstream of SR 2128			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	5	Exceeding Criteria

Reedy Fork	16-11-(1)b	WS-III;NSW	4.2	FW Miles
3785	From SR 2128 to a point 0.4 mile downstream of Moores Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	5	Exceeding Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Reedy Fork(including Lake Brandt and Lake Townsend below nor	16-11-(3.5)a	WS-III;NSW,CA	760.3	FW Acres
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3786	Lake Brandt
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	3a	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Meeting Criteria
pH (6 su, AL, FW)	3a	Meeting Criteria
pH (9.0, AL, FW)	3a	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Chlorophyll a (40 µg/l, AL, NC)	3a	Meeting Criteria
Hardness (100 mg/L, WS, WS)	3a	Data Inconclusive
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Sulfate (250 mg/l, WS, WS)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive

Reedy Fork(including Lake Brandt and Lake Townsend below nor	16-11-(3.5)b1	WS-III;NSW,CA	105.0	FW Acres
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13754	Lake Townsend above first bridge
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	3a	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Meeting Criteria
pH (6 su, AL, FW)	3a	Meeting Criteria
pH (9.0, AL, FW)	3a	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Reedy Fork(including Lake Brandt and Lake Townsend below nor	16-11-(3.5)b2	WS-III;NSW,CA	336.1	FW Acres
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13807	Lake Townsend between bridges
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	3a	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Meeting Criteria
pH (6 su, AL, FW)	3a	Meeting Criteria
pH (9.0, AL, FW)	3a	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Chlorophyll a (40 µg/l, AL, NC)	3a	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive

Reedy Fork(including Lake Brandt and Lake Townsend below nor	16-11-(3.5)b3	WS-III;NSW,CA	963.6	FW Acres
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13808	Lake Townsend from bridge to dam
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	3a	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Meeting Criteria
pH (6 su, AL, FW)	3a	Meeting Criteria
pH (9.0, AL, FW)	3a	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Hardness (100 mg/L, WS, WS)	3a	Data Inconclusive
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Sulfate (250 mg/l, WS, WS)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive
Chlorophyll a (40 µg/l, AL, NC)	3a	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

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Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

Reedy Fork (Hardys Mill Pond)	16-11-(9)a2	WS-V;NSW	2.2	FW Miles	
3789	From UT at SR 2782 to UT at SR 2778				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Reedy Fork (Hardys Mill Pond)	16-11-(9)a3	WS-V;NSW	3.0	FW Miles	
3788	From Ut at SR 2778 to Buffalo Creek				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				
Reedy Fork (Hardys Mill Pond)	16-11-(9)b	WS-V;NSW	8.6		FW Miles
3791	From Buffalo Creek to Haw River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
1,4-Dioxane in Water (80 µg/l, AL, FW)	3a	Data Inconclusive
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Aquatic Passage	4c	Exceeding Criteria
Fecal Coliform (GM 200/400 5 in 30, REC, FW)	4t	Exceeding Criteria
Hydraulics	4c	Exceeding Criteria

North Buffalo Creek	16-11-14-1a1	WS-V;NSW	7.5	FW Miles
3800	From source to Philadelphia Lake			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	4t	Exceeding Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
North Buffalo Creek	16-11-14-1a2	WS-V;NSW	1.6	FW Miles
3799	From Philadelphia Lake to North Buffalo Creek WWTP			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	4t	Exceeding Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

North Buffalo Creek	16-11-14-1b	WS-V;NSW	8.1	FW Miles
3798 From North Buffalo Creek WWTP to Buffalo Creek				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
1,4-Dioxane in Water (80 µg/l, AL, FW)	3a	Data Inconclusive
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	3a	Meeting Criteria
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	5	Exceeding Criteria
Copper (7 µg/l, AL, FW)	5	Exceeding Criteria
Zinc (50 µg/l, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400 5 in 30, REC, FW)	5	Exceeding Criteria

Ryan Creek	16-11-14-2-3	WS-V;NSW	4.2	FW Miles
3812 From source to South Buffalo Creek				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

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HAW

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

UT to Ryan Creek	16-11-14-2-3		2.6	FW Miles
14023	Source to Ryan Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

South Buffalo Creek	16-11-14-2a	WS-V;NSW	15.4	FW Miles
3809	From source to McConnell Rd			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	3a	Meeting Criteria
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

South Buffalo Creek	16-11-14-2b	WS-V;NSW	4.7	FW Miles
3807	From McConnell Rd to US 70			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
1,4-Dioxane in Water (80 µg/l, AL, FW)	3a	Data Inconclusive
Fish Community (Nar, AL, FW)	5	Exceeding Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
South Buffalo Creek	16-11-14-2c	WS-V;NSW	4.8	FW Miles
3808	From US 70 to Buffalo Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1i	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
1,4-Dioxane in Water (80 µg/l, AL, FW)	3a	Data Inconclusive
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	3a	Data Inconclusive
Fish Community (Nar, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Cyanide (5 mg/L, AL, FW)	3t	Data Inconclusive
Biochemical Oxygen Demand	1t	Meeting Criteria
Fecal Coliform (GM 200/400 5 in 30, REC, FW)	5	Exceeding Criteria

Brush Creek	16-11-4-(1)a1	WS-III;NSW	2.4	FW Miles
3818	From source to UT at SR 2085			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

Brush Creek	16-11-4-(1)a2	WS-III;NSW	1.8	FW Miles	
3819	From UT at SR 2085 to UT 0.3 miles downstream fo SR 3820				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Brush Creek	16-11-4-(1)a3	WS-III;NSW	1.6	FW Miles	
3820	From UT 0.3 miles downstream of SR 3820 to a point 0.5 mile downstream of Guilford County SR 2190				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	5	Exceeding Criteria

Brush Creek	16-11-4-(1)b	WS-III;NSW	141.5	FW Acres	
3817	From source to a point 0.5 mile downstream of Guilford County SR 2190				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	3a	Data Inconclusive
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Meeting Criteria
pH (6 su, AL, FW)	3a	Meeting Criteria
pH (9.0, AL, FW)	3a	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Chlorophyll a (40 µg/l, AL, NC)	3a	Data Inconclusive

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Brush Creek(Lake Higgins)	16-11-4-(2)	WS-III;NSW,CA	79.2	FW Acres
3821	From a point 0.5 mile downstream of Guilford SR 2190 to Lake Brandt, Reedy Fork			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	3a	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Meeting Criteria
pH (6 su, AL, FW)	3a	Meeting Criteria
pH (9.0, AL, FW)	3a	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Hardness (100 mg/L, WS, WS)	3a	Data Inconclusive
Chlorophyll a (40 µg/l, AL, NC)	3a	Meeting Criteria

Horsepen Creek	16-11-5-(0.5)	WS-III;NSW	1.8	FW Miles
3823	From source to Ballinger Road			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

Horsepen Creek	16-11-5-(0.5)	WS-III;NSW	3.2	FW Miles
3822	From Ballinger Road to U.S. Hwy 220			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

Horsepen Creek	16-11-5-(2)	WS-III;NSW,CA	1.8	FW Miles
3824	From U.S. Hwy 220 to Lake Brandt, Reedy Fork			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Unnamed Tributary at Guilford College	16-11-5-1-(1)	WS-III,B;NSW	1.8	FW Miles
2 From source to dam at Guilford College bathing lake				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

Unnamed Tributary at Guilford College	16-11-5-1-(2)	WS-III;NSW	1.3	FW Miles
3825 From dam at Guilford College bathing lake to Horsepen Creek				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

Travis Creek	16-12	WS-V;NSW	7.3	FW Miles
3831 From source to Haw River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

Tickle Creek (Trickle Creek)	16-12-1	WS-V;NSW	5.0	FW Miles
3832 From source to Travis Creek				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
Dry Creek	16-13	WS-V;NSW	4.2	FW Miles
3833 From source to Haw River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Mercury (0.012 µg/l, FC, FW)	1	Meeting Criteria
Copper (7 µg/l, AL, FW)	1	Meeting Criteria
Lead (25 µg/l, AL, NC)	1	Meeting Criteria
Zinc (50 µg/l, AL, FW)	1	Meeting Criteria
Cadmium (2 µg/l, AL, FW)	1	Meeting Criteria
Arsenic (10 µg/l, HH, NC)	1	Meeting Criteria
Beryllium (6.5 µg/l, AL, NC)	1	Meeting Criteria
Arsenic (50 µg/l, AL, NC)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1	Meeting Criteria
Toxaphene (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Parathion (0.013Sul µg/l, AL, FW)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	1	Meeting Criteria
PCB (0.064 ng/l, HH, NC)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria
Mirex (0.001 µg/l, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Iron (1000 µg/l, Natural, FW)	3z1	Data Inconclusive
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Chloride (230 mg/l, AL, FW)	1			Meeting Criteria
Selenium (5 µg/l, AL, FW)	1			Meeting Criteria
Dieldrin (0.00005 µg/l, AL, FW)	1			Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	1			Meeting Criteria
Chromium (50 µg/l, AL, FW)	1			Meeting Criteria
Chlordane (0.0008 µg/l, AL, FW)	1			Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1			Meeting Criteria
DDT 4,4 (0.0002 µg/l, AL, FW)	1			Meeting Criteria
Phenolic Compounds	1			Meeting Criteria
Aldrin (0.00005 µg/l, AL, FW)	1			Meeting Criteria
Toluene (11 µg/l, AL, FW)	1			Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1			Meeting Criteria
Benthos (Nar, AL, FW)	3a			Data Inconclusive

Stony Creek (Lake Burlington)	16-14-(1)a	WS-II;HQW,NSW	4.3	FW Miles
3834 From source to Benton Branch				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Stony Creek (Lake Burlington)	16-14-(1)b	WS-II;HQW,NSW	2.7	FW Miles
3835 From Benton Branch to backwaters of Lake Burlington				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Stony Creek (Lake Burlington)		16-14-(1)c	WS-II;HQW,NSW	752.9 FW Acres
3836	Lake Burlington			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	3a	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Meeting Criteria
pH (6 su, AL, FW)	3a	Meeting Criteria
pH (9.0, AL, FW)	3a	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Chlorophyll a (40 µg/l, AL, NC)	3a	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive
Hardness (100 mg/L, WS, WS)	3a	Data Inconclusive

Stony Creek (Stony Creek Reservoir)	16-14-(5.5)a	WS-II;HQW,NSW,CA	84.6	FW Acres
13755	From Buttermilk Creek to 0.4 miles upstream of dam			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	3a	Data Inconclusive
Chlorophyll a (40 µg/l, AL, NC)	5	Exceeding Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Meeting Criteria
pH (6 su, AL, FW)	3a	Meeting Criteria
pH (9.0, AL, FW)	3a	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Stony Creek (Stony Creek Reservoir)	16-14-(5.5)b	WS-II;HQW,NSW,CA	33.5	FW Acres
13740	From 0.4 miles upstream of dam to dam at Stony Creek Reservoir			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	3a	Data Inconclusive
Chlorophyll a (40 µg/l, AL, NC)	3a	Data Inconclusive
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Meeting Criteria
pH (6 su, AL, FW)	3a	Meeting Criteria
pH (9.0, AL, FW)	3a	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Hardness (100 mg/L, WS, WS)	3a	Data Inconclusive
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Sulfate (250 mg/l, WS, WS)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive

Buttermilk Creek	16-14-5	WS-II;HQW,NSW	9.5	FW Miles
3842	From source to Stony Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Jordan Creek	16-14-6-(0.5)	WS-II;HQW,NSW	10.6	FW Miles
3846	From source to a point 0.7 mile upstream of mouth			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	3a	Data Inconclusive
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

Town Branch	16-17	WS-V;NSW	4.2	FW Miles
3857	From source to Haw River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	4t	Exceeding Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Back Creek (Graham-Mebane Reservoir)	16-18-(1.5)a1	WS-II;HQW,NSW,CA	146.4	FW Acres
13381	From .3 mile upstream of NC Hwy 119 to dam at Graham-Mebane Res to SR1917			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	4i	Exceeding Criteria
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	3a	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Meeting Criteria
pH (6 su, AL, FW)	3a	Meeting Criteria
pH (9.0, AL, FW)	3a	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Total Nitrogen	4t	Exceeding Criteria
Total Phosphorus	4t	Exceeding Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Back Creek (Graham-Mebane Reservoir)	16-18-(1.5)a2	WS-II;HQW,NSW,CA	355.1	FW Acres
13585	From .3 mile upstream of NC Hwy 119 to 0.3 miles upstream of dam.			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	3a	Data Inconclusive
Chlorophyll a (40 µg/l, AL, NC)	4i	Exceeding Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Meeting Criteria
pH (6 su, AL, FW)	3a	Meeting Criteria
pH (9.0, AL, FW)	3a	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive
Hardness (100 mg/L, WS, WS)	3a	Data Inconclusive
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Sulfate (250 mg/l, WS, WS)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive
Total Nitrogen	4t	Exceeding Criteria
Total Phosporus	4t	Exceeding Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Back Creek (Graham-Mebane Reservoir)	16-18-(1.5)a2	WS-II;Hqw,NSW,CA	84.6	FW Acres
13705	From 0.3 miles upstream of dam. Dam at Graham-Mebane Res excluding Quaker Arm of Reservoir above SR1927 and above SR1917			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	4i	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	3a	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Meeting Criteria
pH (6 su, AL, FW)	3a	Meeting Criteria
pH (9.0, AL, FW)	3a	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive
Total Nitrogen	4t	Exceeding Criteria
Total Phosphorus	4t	Exceeding Criteria

Back Creek (Graham-Mebane Reservoir)	16-18-(1.5)b	WS-II;Hqw,NSW,CA	107.2	FW Acres
13321	Quaker Creek Arm of Graham-Mebane Reservoir			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	4i	Exceeding Criteria
Turbidity (25 NTU, AL, FW acres & SW)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	3a	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Meeting Criteria
pH (6 su, AL, FW)	3a	Data Inconclusive
pH (9.0, AL, FW)	3a	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Total Nitrogen	4t	Exceeding Criteria
Total Phosphorus	4t	Exceeding Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Stagg Creek	16-18-2-(0.5)	WS-II;HQW,NSW	7.4	FW Miles
3862	From source to a point 0.3 mile downstream of NC Hwy 119			

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
UT to Stagg Creek	16-18-2-(0.5)		3.7	FW Miles
14113	From source to Stagg Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Iron (1000 µg/l, Natural, FW)	3z1	Data Inconclusive
Aldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Arsenic (10 µg/l, HH, NC)	1	Meeting Criteria
Arsenic (50 µg/l, AL, NC)	1	Meeting Criteria
Beryllium (6.5 µg/l, AL, NC)	1	Meeting Criteria
Cadmium (2 µg/l, AL, FW)	1	Meeting Criteria
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Chromium (50 µg/l, AL, FW)	1	Meeting Criteria
Copper (7 µg/l, AL, FW)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1	Meeting Criteria
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	1	Meeting Criteria
Lead (25 µg/l, AL, NC)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria
Mercury (0.012 µg/l, FC, FW)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	1	Meeting Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Mirex (0.001 µg/l, AL, FW)	1			Meeting Criteria
Parathion (0.013Sul µg/l, AL, FW)	1			Meeting Criteria
PCB (0.064 ng/l, HH, NC)	1			Meeting Criteria
pH (6 su, AL, FW)	1			Meeting Criteria
pH (9.0, AL, FW)	1			Meeting Criteria
Phenolic Compounds	1			Meeting Criteria
Selenium (5 µg/l, AL, FW)	1			Meeting Criteria
Toluene (11 µg/l, AL, FW)	1			Meeting Criteria
Toxaphene (0.0002 µg/l, AL, FW)	1			Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1			Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1			Meeting Criteria
Zinc (50 µg/l, AL, FW)	1			Meeting Criteria
Benthos (Nar, AL, FW)	5			Exceeding Criteria

Moadams Creek (Latham Lake)	16-18-7	WS-V;NSW	4.6	FW Miles
3875 From source to Back Creek				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
Big Alamance Creek (Alamance Creek)	16-19-(1)	WS-IV;NSW	18.0	FW Miles
3876 From source to a point 2.4 miles downstream of Guilford County SR 3045				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria
Aldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Data Inconclusive
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	3a	Data Inconclusive
Mirex (0.001 µg/l, AL, FW)	1	Meeting Criteria
Parathion (0.013Sul µg/l, AL, FW)	1	Meeting Criteria
PCB (0.064 ng/l, HH, NC)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Toluene (11 µg/l, AL, FW)	1	Meeting Criteria
Toxaphene (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
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Big Alamance Creek (Alamance Cr)(Lk Macintosh)	16-19-(2.5)	WS-IV;NSW,CA	67.7	FW Acres
3877 From a point 2.4 miles downstream of Guilford County SR 3045 to dam at Lake Macintosh				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Sulfate (250 mg/l, WS, WS)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive

Big Alamance Creek (Alamance Cr)(Lk Macintosh)	16-19-(4.5)a	WS-V;NSW	5.6	FW Miles
3878 From Dam at Lake Macintosh to confluence with Stinking Quarter Creek				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Big Alamance Creek (Alamance Cr)(Lk Macintoch)	16-19-(4.5)b	WS-V;NSW	4.6	FW Miles
3879 From confluence with Stinking Quarter Creek to Haw River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

Little Alamance Creek (Gant Lake, Mays Lake)(Alamance County)	16-19-11	WS-V;NSW	12.6	FW Miles
3880 From source to Big Alamance Creek				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	4b	Exceeding Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

UT to Little Alamance Creek (Coble Branch)	16-19-11ut3		1.5	FW Miles
13372 Source to Little Alamance Creek at Mays Lake				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Little Alamance Creek (Guilford County)	16-19-3-(0.5)	WS-IV;NSW	15.0	FW Miles
3885	From source to a point 0.3 mile downstream of Guilford County SR 3073			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Little Alamance Creek(Guilford County)	16-19-3-(4.5)	WS-IV;NSW,CA	1.6	FW Miles
13203	From a point 0.3 mile downstream of Guilford County SR 3073 to Rock Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Stinking Quarter Creek	16-19-8	WS-V;NSW	4.6	FW Miles
3898	from source to Big Alamance Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

North Prong Stinking Quarter Creek	16-19-8-1	WS-V;NSW	18.3	FW Miles
3899	From source to Stinking Quarter Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	5	Exceeding Criteria

South Prong Stinking Quarter Creek	16-19-8-2-(2)	WS-V;NSW	8.3	FW Miles
3902	From dam at Kimesville Lake to Stinking Quarter Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Rock Creek	16-19-8-3	WS-V;NSW	11.3	FW Miles
3906	From source to Stinking Quarter Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Sulfate (250 mg/l, WS, WS)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive

Haw Creek	16-20-(4)	WS-V;NSW	3.8	FW Miles
3911	From N.C. Hwy. 54 to Haw River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Varnals Creek	16-21a	WS-V;NSW	4.6	FW Miles
3914	From source to Rock Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Varnals Creek	16-21b	WS-V;NSW	2.8	FW Miles
3915	From Rock Creek to Haw River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Marys Creek	16-26	WS-V;NSW	10.1	FW Miles
3921	From source to Haw River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Long Branch	16-26-1	WS-V;NSW	3.4	FW Miles
3922	From source to Marys Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Aldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	3a	Data Inconclusive
Mirex (0.001 µg/l, AL, FW)	1	Meeting Criteria
Parathion (0.013Sul µg/l, AL, FW)	1	Meeting Criteria
PCB (0.064 ng/l, HH, NC)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Toluene (11 µg/l, AL, FW)	1	Meeting Criteria
Toxaphene (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name AU Number Classification AU LengthArea AU Units

AU ID Description

Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
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Cane Creek (Cane Creek Reservoir)	16-27-(2.5)a	WS-II;HQW,NSW,CA	1.2	FW Miles
3924 From a point 0.4 miles upstream of Turkey Creek to UT 0.5 miles downstream of SR 1114				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

Cane Creek (Cane Creek Reservoir)	16-27-(2.5)b1	WS-II;HQW,NSW,CA	235.0	FW Acres
13498 From UT 0.5 miles downstream of SR1114 to Toms Creek				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	3a	Data Inconclusive
pH (6 su, AL, FW)	3a	Data Inconclusive
pH (9.0, AL, FW)	3a	Data Inconclusive
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive

Cane Creek (Cane Creek Reservoir)	16-27-(2.5)b2	WS-II;HQW,NSW,CA	115.7	FW Acres
13706 From Toms Creek to 0.6 miles upstream of dam				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	3a	Data Inconclusive
pH (6 su, AL, FW)	3a	Data Inconclusive
pH (9.0, AL, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Cane Creek (Cane Creek Reservoir)	16-27-(2.5)b3	WS-II;HQW,NSW,CA	139.8	FW Acres
13707	From 0.6 miles upstream of dam to dam at Cane Creek Reservoir			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	3a	Data Inconclusive
pH (6 su, AL, FW)	3a	Data Inconclusive
pH (9.0, AL, FW)	3a	Data Inconclusive
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Sulfate (250 mg/l, WS, WS)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive

Well Creek	16-28-1	WS-V;NSW	3.0	FW Miles
3938	From source to Cane Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive

Collins Creek	16-30-(0.5)a	WS-V;NSW	3.2	FW Miles
13499	From source to a point 0.6 miles downstream of SR 1006			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

Collins Creek	16-30-(0.5)b	WS-V;NSW	5.3	FW Miles	
13736	From source to a point 0.8 miles downstream of SR 1005				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive

Collins Creek	16-30-(1.5)	WS-IV;NSW	3.7	FW Miles	
3951	From a point 0.8 miles downstream of Orange County SR 1005 to Haw River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

Terrells Creek (South Side Haw River)	16-31-(2.5)	WS-IV;NSW	6.7	FW Miles	
3956	From Cattail Creek to Haw River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Terrells Creek (Ferrells Creek) (North Side Haw River)	16-32	WS-IV;NSW	7.6	FW Miles	
3962	From source to Haw River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Dry Creek	16-34-(0.7)	WS-IV;NSW	10.1	FW Miles
3966	From a point 0.3 miles downstream of Chatham County SR 1506 to Haw River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

Brooks Creek (Branch)	16-36	WS-IV,B;NSW	7.3	FW Miles
3969	From source to Haw River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Pokeberry Creek	16-37	WS-IV;NSW	8.0	FW Miles
3970	From source to Haw River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Robeson Creek	16-38-(3)a	WS-IV;NSW	0.9	FW Miles
3977	From a point 0.7 mile downstream of Chatham County SR 2159 to Pittsboro Lake			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

Robeson Creek	16-38-(3)c	WS-IV;NSW	2.4	FW Miles
3974	From Pittsboro Lake to UT across from SR 1951			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

UT to Robeson Creek	16-38-(3)cut6		4.3	FW Miles
13250	Source to Robeson Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Robeson Creek	16-38-(3)d	WS-IV;NSW	3.1	FW Miles
3975	From UT across from SR 1951 to Jordan Reservoir			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Turkey Creek	16-38-4	WS-IV;NSW	4.1	FW Miles
3981	From source to Robeson Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

New Hope River Arm of B. Everett Jordan Lake (below normal pool elevation)	16-41-(0.5)	WS-IV,B;NSW,CA	1,200.0	FW Acres
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3987	From source at confluence of Morgan Creek and New Hope Creek Arm of B. Everett Jordan Lake (a east-west line across the southern tip of the formed peninsula) to Chatham Co
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	4i	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Total Nitrogen	4t	Exceeding Criteria
Total Phosporus	4t	Exceeding Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

New Hope River Arm of B. Everett Jordan Lake (below normal pool elevation)	16-41-(3.5)a1	WS-IV,B;NSW,CA	2,235.1	FW Acres
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13500	From Chatham County SR 1008 to to White Oak Creek Arm
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	4i	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Total Nitrogen	4t	Exceeding Criteria
Total Phosphorus	4t	Exceeding Criteria

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Cape Fear River Basin

AU Name AU Number Classification AU LengthArea AU Units

AU ID Description

New Hope River Arm of B. Everett Jordan Lake (below normal pool elevation)	16-41-(3.5)a2	WS-IV,B;NSW,CA	337.3	FW Acres
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13708	From White Oak Creek Arm to US 64
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	4i	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive
Total Nitrogen	4t	Exceeding Criteria
Total Phosporus	4t	Exceeding Criteria

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

New Hope River Arm of B. Everett Jordan Lake (below normal pool elevation)	16-41-(3.5)a3	WS-IV,B;NSW,CA	3,102.0	FW Acres
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13709	From US 64 to Haw River Arm of B. Everett Jordan Lake, Haw River
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
pH (9.0, AL, FW)	3i	Exceeding Criteria
Chlorophyll a (40 µg/l, AL, NC)	4i	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	1	Meeting Criteria
Total Nitrogen	4t	Exceeding Criteria
Total Phosphorus	4t	Exceeding Criteria

New Hope Creek	16-41-1-(0.5)	WS-V;NSW	17.5	FW Miles
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3994	From source to Sandy Creek
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

New Hope Creek	16-41-1-(11.5)	WS-IV;NSW	0.4	FW Miles
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3998	From a point 0.3 mile upstream of Durham County SR 2220 to SR 2220
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

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Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units		
New Hope Creek	16-41-1-(11.5	WS-IV;NSW	3.5		FW Miles		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">3996</td> <td>From SR 2220 to I 40</td> </tr> </table>						3996	From SR 2220 to I 40
3996	From SR 2220 to I 40						

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Dissolved Oxygen (4 mg/l, AL, FW)	4c	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	3a	Exceeding Criteria
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

New Hope Creek	16-41-1-(11.5)	WS-IV;NSW	4.0	FW Miles
3997	From I-40 to a point 0.8 mile downstream of Durham County SR 1107			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
1,4-Dioxane in Water (0.35 µg/l, WS, WS)	3a	Data Inconclusive
Benthos (Nar, AL, FW)	4c	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

New Hope Creek (including New Hope Creek Arm of New Hope River Arm of B. Everett Jordan Lake)	16-41-1-(14)	WS-IV;NSW,CA	1,415.9	FW Acres
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3999	From a point 0.8 mile downstream of Durham County SR 1107 to confluence with Morgan Creek Arm of New Hope River Arm of B. Everett Jordan Lake
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	4i	Exceeding Criteria
Turbidity (25 NTU, AL, FW acres & SW)	4i	Exceeding Criteria
pH (9.0, AL, FW)	4i	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Total Nitrogen	4t	Exceeding Criteria
Total Phosporus	4t	Exceeding Criteria
Total Suspended Solids	4t	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Third Fork Creek	16-41-1-12-(WS-V;NSW	5.2	FW Miles
4006	From source to a point 2.0 miles upstream of NC Hwy. 54			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Data Inconclusive
Beryllium (6.5 µg/l, AL, NC)	1	Meeting Criteria
Lead (25 µg/l, AL, NC)	1	Meeting Criteria
Arsenic (10 µg/l, HH, NC)	1	Meeting Criteria
Cadmium (2 µg/l, AL, FW)	1	Meeting Criteria
Mercury (0.012 µg/l, FC, FW)	1	Meeting Criteria
Arsenic (50 µg/l, AL, NC)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	1	Meeting Criteria
PCB (0.064 ng/l, HH, NC)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria
Mirex (0.001 µg/l, AL, FW)	1	Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1	Meeting Criteria
Phenolic Compounds	1	Meeting Criteria
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Aldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Toxaphene (0.0002 µg/l, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
	Parathion (0.013Sul µg/l, AL, FW)	1		Meeting Criteria
	DDT 4,4 (0.0002 µg/l, AL, FW)	1		Meeting Criteria
	Chloride (230 mg/l, AL, FW)	1		Meeting Criteria
	Cyanide (5 mg/L, AL, FW)	1		Meeting Criteria
	Iron (1000 µg/l, Natural, FW)	3z1		Data Inconclusive
	Chromium (50 µg/l, AL, FW)	1		Meeting Criteria
	Selenium (5 µg/l, AL, FW)	1		Meeting Criteria
	Endosulfan (0.05 µg/l, AL, FW)	1		Meeting Criteria
	Toluene (11 µg/l, AL, FW)	1		Meeting Criteria
	Flouride (1.8 mg/l, AL, FW)	1		Meeting Criteria
	Turbidity (50 NTU, AL, FW miles)	1i		Meeting Criteria
	Lead Dissolved Chronic (Calculated, AL, FW)	1		Meeting Criteria
	Cadmium Dissolved Chronic (Calculated, AL, FW)	1		Meeting Criteria
	Chromium Dissolved Chronic (Calcuated, AL, FW)	1		Meeting Criteria
	Zinc Dissolved Chronic (Calculated, AL, FW)	1		Meeting Criteria
	Selenium Dissolved Chronic (varies, AL, FW)	1		Meeting Criteria
	Nickel Dissolved Chronic (Calculated, AL, FW)	1		Meeting Criteria
	Arsenic Dissolved Chronic (140 µg/l, AL, FW)	1		Meeting Criteria
	Silver Dissolved Chronic (0.6 µg/l, AL, FW)	1		Meeting Criteria
	Beryllium Dissolved Chronic (6.5, AL, FW)	1		Meeting Criteria
	Copper Dissolved Chronic (Calcuated, AL, FW)	3a		Data Inconclusive
	Hardness (100 mg/L, WS, WS)	3a		Data Inconclusive
	Total Suspended Solids	1t		Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

Third Fork Creek	16-41-1-12-({	WS-IV;NSW	3.9	FW Miles
4007	From a point 2.0 miles upstream of NC HWY. 54 to New Hope Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	3i	Exceeding Criteria
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Sulfate (250 mg/l, WS, WS)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive
1,4-Dioxane in Water (0.35 µg/l, WS, WS)	3a	Data Inconclusive
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Copper (7 µg/l, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Total Suspended Solids	4t	Exceeding Criteria

Little Creek	16-41-1-15-({	WS-IV;NSW	4.9	FW Miles
4009	From source to a point 0.7 mile downstream of Durham County SR 1110			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Bolin Creek (Hogan Lake)	16-41-1-15-1	WS-V;NSW	5.3	FW Miles
4011	From source to Pathway Drive			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Bolin Creek (Hogan Lake)	16-41-1-15-1	WS-V;NSW	3.1	FW Miles
4012	From Pathway Drive to US Hwy 501 Business			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

Bolin Creek	16-41-1-15-1	WS-IV;NSW	0.9	FW Miles
4013	From US Hwy 501 Business to Little Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Tanbark Branch	16-41-1-15-1	WS-V;NSW	1.2	FW Miles
4017	From source to Bolin Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

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Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
Booker Creek (East-wood Lake)	16-41-1-15-2	WS-V,B;NSW	3.5		FW Miles
4018	From source to dam at Eastwood Lake				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Copper (7 µg/l, AL, FW)	1	Meeting Criteria
Mercury (0.012 µg/l, FC, FW)	1	Meeting Criteria
Zinc (50 µg/l, AL, FW)	1	Meeting Criteria
Lead (25 µg/l, AL, NC)	1	Meeting Criteria
Arsenic (10 µg/l, HH, NC)	1	Meeting Criteria
Beryllium (6.5 µg/l, AL, NC)	1	Meeting Criteria
Cadmium (2 µg/l, AL, FW)	1	Meeting Criteria
Arsenic (50 µg/l, AL, NC)	1	Meeting Criteria
Selenium (5 µg/l, AL, FW)	1	Meeting Criteria
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Aldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Phenolic Compounds	1	Meeting Criteria
Iron (1000 µg/l, Natural, FW)	3z1	Data Inconclusive
Dissolved Oxygen (4 mg/l, AL, FW)	5	Exceeding Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				
Water Temperature (32°C, AL, LP&CP)	1				Meeting Criteria
Chromium (50 µg/l, AL, FW)	1				Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1				Meeting Criteria
Mirex (0.001 µg/l, AL, FW)	1				Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1				Meeting Criteria
PCB (0.064 ng/l, HH, NC)	1				Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	1				Meeting Criteria
Parathion (0.013Sul µg/l, AL, FW)	1				Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1				Meeting Criteria
Toxaphene (0.0002 µg/l, AL, FW)	1				Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	1				Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1				Meeting Criteria
Toluene (11 µg/l, AL, FW)	1				Meeting Criteria

Booker Creek	16-41-1-15-2	WS-V;NSW	1.2	FW Miles
4019 From dam at eastwood Lake to US Hwy 15				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

Booker Creek	16-41-1-15-2	WS-IV;NSW	0.9	FW Miles
4020 From US Hwy 15 to Little Creek				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

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Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

Northeast Creek	16-41-1-17-(WS-IV;NSW	3.3	FW Miles	
4029	From US Hwy 55 to Durham Triangle WWTP				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Turbidity (50 NTU, AL, FW miles)	5	Exceeding Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	3c	Exceeding Criteria
Copper (7 µg/l, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	4t	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

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Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				
Northeast Creek	16-41-1-17-(WS-IV;NSW	3.3	FW Miles	
4028	From Durham Triangle WWTP to Kit Creek				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Turbidity (50 NTU, AL, FW miles)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO ₂ +NO ₃ -N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
1,4-Dioxane in Water (0.35 µg/l, WS, WS)	3a	Data Inconclusive
Zinc (50 µg/l, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	4t	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Northeast Creek	16-41-1-17-(WS-IV;NSW	3.2	FW Miles
4027	From Kit Creek to a point 0.5 mile downstream of Panther Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Turbidity (50 NTU, AL, FW miles)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Copper (7 µg/l, AL, FW)	5	Exceeding Criteria
Zinc (50 µg/l, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	4t	Exceeding Criteria

Kit Creek	16-41-1-17-2	WS-IV;NSW	4.2	FW Miles
4035	From a point 1.3 miles upstream of NC Hwy 55 to Northeast Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Panther Creek	16-41-1-17-3	WS-IV;NSW	5.6	FW Miles
4037	From source to New Hope Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Chlorinated Benzenes (488 µg/l, WS, WS)	1	Meeting Criteria
Chlorinated Phenols (1 µg/l, WS, WS)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1	Meeting Criteria
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	3a	Data Inconclusive
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	3a	Data Inconclusive
Heptachlor (0.00008 µg/l, AL, FW)	1	Meeting Criteria
Hexachlorobutadiene (0.44 µg/l, WS, WS)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	1	Meeting Criteria
Mirex (0.001 µg/l, AL, FW)	3a	Data Inconclusive
Parathion (0.013Sul µg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Tetrachloroethane, 1,1,2,2- (0.17 µg/l, WS, WS)	1	Meeting Criteria
Tetrachloroethylene (0.7 µg/l, WS, WS)	1	Meeting Criteria
Toluene (11 µg/l, AL, FW)	1	Meeting Criteria
Toxaphene (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Trichloroethylene (2.5 µg/l, WS, WS)	1	Meeting Criteria
Vinyl Chloride (0.025 µg/l, WS, WS)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name AU Number Classification AU LengthArea AU Units

AU ID Description

Beryllium Dissolved Chronic (6.5, AL, FW)	1		Meeting Criteria
Chromium Dissolved Chronic (Calcuated, AL, FW)	1		Meeting Criteria
Copper Dissolved Chronic (Calcuated, AL, FW)	5		Exceeding Criteria
Arsenic Dissolved Chronic (36 µg/l, AL, SW)	1		Meeting Criteria
Cadmium Dissolved Chronic (8.8, AL, SW)	1		Meeting Criteria
Nickel Dissolved Chronic (8.2, AL, SW)	1		Meeting Criteria
Silver Dissolved Chronic (0.1 µg/l, AL, SW)	1		Meeting Criteria
Zinc Dissolved Chronic (81 µg/l, AL, SW)	1		Meeting Criteria
Lead Dissolved Chronic (8.1, AL, SW)	1		Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1		Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1		Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	3a		Data Inconclusive
pH (6 su, AL, FW)	1		Meeting Criteria
pH (9.0, AL, FW)	1		Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1		Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1		Meeting Criteria
Aldrin (0.00005 µg/l, AL, FW)	1		Meeting Criteria
Benzene (1.19 µg/l, WS, WS)	1		Meeting Criteria
Carbon Tetrachloride (0.254 µg/l, WS, WS)	1		Meeting Criteria

Morgan Creek 16-41-2-(1) WS-II;HQW,NSW 7.1 FW Miles

4050 From source to a point 1.4 miles downstream of NC Hwy 54

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Morgan Creek (University Lake)	16-41-2-(1.5)	WS-II;HQW,NSW,CA	163.2	FW Acres
4051	From a point 1.4 miles downstream of NC Hwy 54 to dam at University Lake			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	4i	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
pH (6 su, AL, FW)	3a	Data Inconclusive
pH (9.0, AL, FW)	3a	Data Inconclusive
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Sulfate (250 mg/l, WS, WS)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive
Total Nitrogen	4t	Exceeding Criteria
Total Phosporus	4t	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Morgan Creek	16-41-2-(5.5)	WS-IV;NSW	4.0	FW Miles
4053	From Orange County SR 1919 to Meeting of the Waters			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Morgan Creek	16-41-2-(5.5)	WS-IV;NSW	4.1	FW Miles
4054	From Meeting of the Waters to Chatham County SR 1726 (Durham County SR 1109)			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
1,4-Dioxane in Water (0.35 µg/l, WS, WS)	3a	Data Inconclusive
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

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Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Morgan Creek (including the Morgan Creek Arm of New Hope River Arm of B. Everett Jordan Lake)	16-41-2-(9.5)	WS-IV;NSW,CA	836.3	FW Acres
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4055	From Chatham County SR 1726 (Durham County SR 1109) to New Hope Creek Arm of New Hope River Arm of B. Everett Jordan Lake
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	4i	Exceeding Criteria
Turbidity (25 NTU, AL, FW acres & SW)	4i	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	3a	Data Inconclusive
Total Nitrogen	4t	Exceeding Criteria
Total Phosporus	4t	Exceeding Criteria
Total Suspended Solids	4t	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Phils Creek	16-41-2-2-(0.	WS-II;HQW,NSW	5.0	FW Miles
4061	From source to a point 0.2 mile downstream of Orange County SR 1005			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
1,4-Dioxane in Water (0.35 µg/l, WS, WS)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	3a	Data Inconclusive
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Data Inconclusive
pH (6 su, AL, FW)	3a	Data Inconclusive
pH (9.0, AL, FW)	3a	Data Inconclusive

White Oak Creek	16-41-6-(0.7)	WS-IV;NSW	5.9	FW Miles
4090	From a point 0.6 mile upstream of Jacks Branch to a point 0.3 mile upstream of NC Hwy 751			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive

Troublesome Creek	16-6-(0.3)	WS-III;NSW	16.4	FW Miles
4108	From source to Rockingham County SR 2423			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Troublesome Creek (Lake Reidsville)	16-6-(0.7)	WS-III;NSW,CA	667.5	FW Acres
4109	From Rockingham County SR 2423 to dam at Lake Reidsville (City of Reidsville water supply intake)			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive
Hardness (100 mg/L, WS, WS)	3a	Data Inconclusive
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Sulfate (250 mg/l, WS, WS)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive

Troublesome Creek	16-6-(3)	WS-V;NSW	1.8	FW Miles
4110	From dam at Lake Reidsville to Haw River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Unnamed Tributary to Troublesome Creek (Lake Hunt)	16-6-2-(1)	WS-III,B;NSW	176.4	FW Acres
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4113	From source to dam at Lake Hunt
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria

Little Troublesome Creek	16-7-(1)a	WS-V;NSW	3.5	FW Miles
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13501	From source to Reidsville WWTP
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	4t	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Haw

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Little Troublesome Creek	16-7-(1)b	WS-V;NSW	5.0	FW Miles
13633	From Reidsville WWTP to SR2600			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Turbidity (50 NTU, AL, FW miles)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	4t	Exceeding Criteria

Little Troublesome Creek	16-7-(2)	WS-IV;NSW	0.9	FW Miles
13502	From SR2600 to Haw River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	4t	Exceeding Criteria

Cape Fear River Basin

03030003

Deep

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

DEEP RIVER(including High Point Lake at normal pool elevation)	17-(1)	WS-IV;CA:*	263.3	FW Acres
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4125	From source in backwaters of High Point Lake to dam at High Point Lake(City of High Point water supply intake)
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Sulfate (250 mg/l, WS, WS)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive

DEEP RIVER	17-(10.5)a	C	1.6	FW Miles
4131	From dam at Randleman Reservoir to US 220 Business			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
DEEP RIVER	17-(10.5)d2	C	18.2	FW Miles
12977 From Gabriels Creek to Brush Creek				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Copper (7 µg/l, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

DEEP RIVER	17-(10.5)e1	C	6.7	FW Miles
4129 From Brush Creek to Subbasin 03-06-09 and 03-06-10 boundary				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
DEEP RIVER	17-(10.5)e2	C	2.8	FW Miles
4130	From Subbasin 03-06-09 and 03-06-10 boundary to Grassy Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive
1,4-Dioxane in Water (80 µg/l, AL, FW)	3a	Data Inconclusive
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Deep River	17-(3.7)	WS-IV;CA:*	2.0	FW Miles
4136	From Guilford County SR 1334 to dam at Oakdale Cotton Mills, Inc. (Town of Jamestown water supply intake)			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Aldrin (0.00005 µg/l, AL, FW)	3a	Data Inconclusive
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	3a	Data Inconclusive
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Data Inconclusive
DDT 4,4 (0.0002 µg/l, AL, FW)	3a	Data Inconclusive
Demeton (0.1 µg/l, AL, FW)	3a	Data Inconclusive
Dieldrin (0.00005 µg/l, AL, FW)	3a	Data Inconclusive
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	3a	Data Inconclusive
Lindane (0.01 µg/l, AL, FW)	3a	Data Inconclusive
Methoxychlor (0.03 µg/l, AL, FW)	3a	Data Inconclusive
Mirex (0.001 µg/l, AL, FW)	1	Meeting Criteria
Parathion (0.013Sul µg/l, AL, FW)	1	Meeting Criteria
PCB (0.064 ng/l, HH, NC)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Toluene (11 µg/l, AL, FW)	1	Meeting Criteria
Toxaphene (0.0002 µg/l, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria

DEEP RIVER	17-(32.5)	WS-IV;HQW	4.0	FW Miles
4137	From mouth of Big Governors Creek to Carbondon Dam			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria
1,4-Dioxane in Water (0.35 µg/l, WS, WS)	3a	Data Inconclusive
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Sulfate (250 mg/l, WS, WS)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive
Turbidity (50 NTU, AL, FW miles)	3a	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

DEEP RIVER	17-(38.7)	C	12.0	FW Miles
4141	From Lee County water supply intake to a point 0.4 mile upstream of Rocky Branch			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

DEEP RIVER	17-(4)a	WS-IV;CA:*	2.0	FW Miles
4142	From dam at Oakdale Cotton Mills, Inc. to SR 1113			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
DEEP RIVER	17-(4)b	WS-IV;CA:*	6.6	FW Miles
4143 From Kivett Drive to Coltrane Mill Road				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	3a	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Meeting Criteria
pH (6 su, AL, FW)	3a	Meeting Criteria
pH (9.0, AL, FW)	3a	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Chlorophyll a (40 µg/l, AL, NC)	3a	Data Inconclusive
Benthos (Nar, AL, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	1t	Meeting Criteria

DEEP RIVER	17-(4)c1	WS-IV;CA:*	245.0	FW Acres
13204 From Coltrane Mill Road to SR1944				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	3a	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Meeting Criteria
pH (6 su, AL, FW)	3a	Meeting Criteria
pH (9.0, AL, FW)	3a	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Chlorophyll a (40 µg/l, AL, NC)	3a	Meeting Criteria
Benthos (Nar, AL, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

DEEP RIVER	17-(4)c2	WS-IV;CA:*	2,784.3	FW Acres
13307	From SR1944 dam at Randleman Reservoir (located 1.6 mile upstream of US Hwy 220 Business)			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	3a	Data Inconclusive
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Data Inconclusive
pH (6 su, AL, FW)	3a	Data Inconclusive
pH (9.0, AL, FW)	3a	Data Inconclusive
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Chlorophyll a (40 µg/l, AL, NC)	3a	Data Inconclusive
Hardness (100 mg/L, WS, WS)	3a	Data Inconclusive
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Sulfate (250 mg/l, WS, WS)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive

Polecat Creek	17-11-(1)b	WS-III	16.4	FW Miles
4151	From Ut at Cone Mills Club to a point 0.4 mile downstream of Randolph County SR 2116			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Little Polecat Creek	17-11-3	WS-III;HQW	7.0	FW Miles
4156	From source to Polecat Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Penwood Branch	17-12-1	C	6.1	FW Miles
4161	From source to Haskett Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5r	Exceeding Criteria

Haskett Creek	17-12a	C	6.3	FW Miles
4159	From source to SR 2149			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
1,4-Dioxane in Water (80 µg/l, AL, FW)	3a	Data Inconclusive
Benthos (Nar, AL, FW)	5r	Exceeding Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Haskett Creek	17-12b1	C	0.6	FW Miles
13503	From SR 2149 to Asheboro WWTP Outfall			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	3a	Data Inconclusive
Benthos (Nar, AL, FW)	5r	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Haskett Creek	17-12b2	C	0.7	FW Miles
13710	From Asheboro WWTP Outfall to Deep River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
1,4-Dioxane in Water (80 µg/l, AL, FW)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	5r	Exceeding Criteria
Copper (7 µg/l, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
Sandy Creek	17-16-(1)a	WS-III	16.1	FW Miles
AU ID	Description			
4164	From source to SR 2495			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO ₂ +NO ₃ -N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Sandy Creek	17-16-(1)b	WS-III	19.3	FW Acres
4165	From SR 2495 to a point 0.6 mile upstream of NC Hwy 22			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO ₂ +NO ₃ -N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

Sandy Creek	17-16-(3.5)	WS-III;CA	4.6	FW Acres	
4166	From a point 0.6 mile upstream of NC Hwy 22 to Ramseur water supply				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Sulfate (250 mg/l, WS, WS)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive

Mount Pleasnat Creek	17-16-3	WS-III	7.0	FW Miles	
4170	From source to Sandy Creek				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

East Fork Deep River	17-2-(0.3)a	WS-IV:*	1.9	FW Miles	
4176	From source to Thatcher Road				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1t	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

East Fork Deep River	17-2-(0.3)b	WS-IV:*	4.8	FW Miles
4177 From Thatcher Road to a point 0.4 mile downstream of Guilford County SR 1541				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	4t	Exceeding Criteria

East Fork Deep River	17-2-(0.7)	WS-IV;CA:*	0.8	FW Miles
4178 From a point 0.4 mile downstream of Guilford County SR 1541 to High Point Lake, Deep River				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1t	Meeting Criteria

Long Branch	17-2-1-(1)	WS-IV:*	3.5	FW Miles
4182 From source to a point 0.5 mile downstream of Guilford County SR 1541				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	5	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Long Branch	17-2-1-(2)	WS-IV;CA:*	0.5	FW Miles
4183	From a point 0.5 mile downstream of Guilford County SR 1541 to East Fork Deep River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	5	Exceeding Criteria

Richland Creek	17-22	C	14.6	FW Miles
4185	From source to Deep River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Tantraugh Branch		17-22-3	C	2.7 FW Miles
4188	From source to Richland Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Cadmium (2 µg/l, AL, FW)	1	Meeting Criteria
Beryllium (6.5 µg/l, AL, NC)	1	Meeting Criteria
Copper (7 µg/l, AL, FW)	1	Meeting Criteria
Arsenic (10 µg/l, HH, NC)	1	Meeting Criteria
Lead (25 µg/l, AL, NC)	1	Meeting Criteria
Nickel (88 µg/l, AL, FW)	1	Meeting Criteria
Zinc (50 µg/l, AL, FW)	1	Meeting Criteria
Mercury (0.012 µg/l, FC, FW)	1	Meeting Criteria
Arsenic (50 µg/l, AL, NC)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1	Meeting Criteria
Mirex (0.001 µg/l, AL, FW)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria
PCB (0.064 ng/l, HH, NC)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	1	Meeting Criteria
Parathion (0.013Sul µg/l, AL, FW)	1	Meeting Criteria
Toxaphene (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria
Aldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
	Heptachlor (0.00008 µg/l, AL, FW)	1		Meeting Criteria
	Chromium (50 µg/l, AL, FW)	1		Meeting Criteria
	Dissolved Oxygen (4 mg/l, AL, FW)	1		Meeting Criteria
	Water Temperature (32°C, AL, LP&CP)	1		Meeting Criteria
	pH (9.0, AL, FW)	1		Meeting Criteria
	Cyanide (5 mg/L, AL, FW)	1		Meeting Criteria
	pH (6 su, AL, FW)	1		Meeting Criteria
	Chloride (230 mg/l, AL, FW)	1		Meeting Criteria
	Turbidity (50 NTU, AL, FW miles)	1		Meeting Criteria
	Iron (1000 µg/l, Natural, FW)	3z1		Data Inconclusive
	Selenium (5 µg/l, AL, FW)	1		Meeting Criteria
	Phenolic Compounds	1		Meeting Criteria
	Flouride (1.8 mg/l, AL, FW)	1		Meeting Criteria
	Benzene (51 µg/l, AL, FW)	1		Meeting Criteria
	Hexachlorobutadiene (18 µg/l, AL, FW)	1		Meeting Criteria
	Toluene (11 µg/l, AL, FW)	1		Meeting Criteria
	PAHs (0.0311 µg/l, AL, FW)	1		Meeting Criteria
	Carbon Tetrachloride (1.6 µg/l, AL, FW)	1		Meeting Criteria
	Tetrachloroethylene (3.3 µg/l, HH, FW)	1		Meeting Criteria
	Tetrachloroethane, 1,1,2,2- (4 µg/l, HH, FW)	1		Meeting Criteria
	Vinyl Chloride (2.4 µg/l, AL, FW)	1		Meeting Criteria
	Trichloroethylene (30 µg/l, AL, FW)	1		Meeting Criteria

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Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

Brush Creek	17-23a	C	19.0	FW Miles	
4196	From source to Little Brush Creek				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Brush Creek	17-23b	C	5.0	FW Miles	
4195	From Little Brush Creek to Deep River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

Fork Creek	17-25	C	15.1	FW Miles	
4213	From source to Deep River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Bear Creek	17-26-(1)	WS-III	14.9	FW Miles	
4221	From a source to a point 0.5 mile upstream of Cabin Creek				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Bear Creek	17-26-(6)	C	6.3	FW Miles
4223 From Robbins water supply intake to Deep River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

Wolf Creek	17-26-4	WS-III	11.6	FW Miles
4227 From source to Bear Creek				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Cabin Creek	17-26-5-(1)a	WS-III	8.7	FW Miles
4228 From source to Cotton Creek				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Cabin Creek	17-26-5-(1)b	WS-III	1.2	FW Miles
4229 From Cotton Creek to Moore County SR 1281				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

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Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

Cabin Creek	17-26-5-(1)c	WS-III	10.5	FW Miles	
4230	From SR 1281 to Moore County SR 1434				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

Cotton Creek	17-26-5-3a	WS-III	0.3	FW Miles	
4232	From source to Center Street				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

Cotton Creek	17-26-5-3b1	WS-III	0.6	FW Miles	
13205	From Center Street to Otts Lake				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

Cotton Creek	17-26-5-3b2	WS-III	0.5	FW Miles	
13368	From Otts Lake to SR 1369				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Copper (7 µg/l, AL, FW)	5	Exceeding Criteria
Chromium (50 µg/l, AL, FW)	3t	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Cotton Creek	17-26-5-3b3	WS-III	1.4	FW Miles
13369 From SR 1369 to SR1371				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Copper (7 µg/l, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Chromium (50 µg/l, AL, FW)	3t	Data Inconclusive
Lead (25 µg/l, AL, NC)	1t	Meeting Criteria

Cotton Creek	17-26-5-3c	WS-III	3.7	FW Miles
4233 From SR 1371 to Cabin Creek				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Copper (7 µg/l, AL, FW)	5	Exceeding Criteria
Chromium (50 µg/l, AL, FW)	3t	Data Inconclusive
Lead (25 µg/l, AL, NC)	1t	Meeting Criteria

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Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Mill Creek	17-26-5-4	WS-III	11.7	FW Miles
4237	From source to Cabin Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Wet Creek	17-26-5-5	WS-III	10.6	FW Miles
4238	From source to Cabin Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

Falls Creek	17-27	C	11.5	FW Miles
4245	From source to Deep River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Buffalo Creek	17-28	C	16.5	FW Miles
4246	From source to Deep River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

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Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

West Fork Deep River	17-3-(0.3)	WS-IV:*	5.4	FW Miles	
4254	From source to a point 0.3 mile downstream of Guilford County SR 1850				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	5	Exceeding Criteria

West Fork Deep River(Oak Hollow Reservoir)	17-3-(0.7)a	WS-IV;CA:*	0.5	FW Miles	
4255	From a point 0.3 mile downstream of Guilford County SR 1850 to SR 1818				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	3a	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
West Fork Deep River(Oak Hollow Reservoir)	17-3-(0.7)b	WS-IV;CA:*	705.4	FW Acres
4256	From SR 1818 to dam at Oak Hollow Reservoir			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive
Hardness (100 mg/L, WS, WS)	3a	Data Inconclusive

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Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

Killeets Creek	17-30-3-(1)	WS-III;CA	8.0	FW Acres	
4265	From source to dam at Carthages water supply reservoir				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	3a	Data Inconclusive
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Data Inconclusive
pH (6 su, AL, FW)	3a	Data Inconclusive
pH (9.0, AL, FW)	3a	Data Inconclusive
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Hardness (100 mg/L, WS, WS)	3a	Data Inconclusive
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Sulfate (250 mg/l, WS, WS)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive
Chlorophyll a (40 µg/l, AL, NC)	3a	Data Inconclusive

Parkwood Branch	17-30-5-4	C	4.6	FW Miles	
4272	From source to Richland Creek				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

McLendons Creek	17-30a	C	24.6	FW Miles	
13504	From source to Richland Creek				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

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Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

McLendons Creek	17-30b	C	4.2	FW Miles
13650	From Richland Creek to Deep River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Indian Creek	17-35	WS-IV	7.4	FW Miles
4283	From source to Deep River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	5	Exceeding Criteria

Big Buffalo Creek	17-40	C	8.0	FW Miles
4295	From source to Deep River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive
Fish Community (Nar, AL, FW)	5	Exceeding Criteria

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Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Persimmon Creek	17-40-2	C	2.9	FW Miles
4297	From source to Big Buffalo Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Nickel (88 µg/l, AL, FW)	1	Meeting Criteria
Copper (7 µg/l, AL, FW)	1	Meeting Criteria
Zinc (50 µg/l, AL, FW)	1	Meeting Criteria
Cadmium (2 µg/l, AL, FW)	1	Meeting Criteria
Beryllium (6.5 µg/l, AL, NC)	1	Meeting Criteria
Arsenic (10 µg/l, HH, NC)	1	Meeting Criteria
Mercury (0.012 µg/l, FC, FW)	1	Meeting Criteria
Lead (25 µg/l, AL, NC)	1	Meeting Criteria
Arsenic (50 µg/l, AL, NC)	1	Meeting Criteria
Iron (1000 µg/l, Natural, FW)	3z1	Data Inconclusive
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Phenolic Compounds	1	Meeting Criteria
Selenium (5 µg/l, AL, FW)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	1	Meeting Criteria
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1	Meeting Criteria
Toxaphene (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Parathion (0.013Sul µg/l, AL, FW)	1	Meeting Criteria
PCB (0.064 ng/l, HH, NC)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria

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Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

Heptachlor (0.00008 µg/l, AL, FW)	1			Meeting Criteria
pH (6 su, AL, FW)	1			Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	5			Exceeding Criteria
Aldrin (0.00005 µg/l, AL, FW)	1			Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1			Meeting Criteria
pH (9.0, AL, FW)	1			Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1			Meeting Criteria
Chloride (230 mg/l, AL, FW)	1			Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1			Meeting Criteria
Chromium (50 µg/l, AL, FW)	1			Meeting Criteria
Mirex (0.001 µg/l, AL, FW)	1			Meeting Criteria
Hexachlorobutadiene (18 µg/l, AL, FW)	1			Meeting Criteria
Benzene (51 µg/l, AL, FW)	1			Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1			Meeting Criteria
Toluene (11 µg/l, AL, FW)	1			Meeting Criteria
PAHs (0.0311 µg/l, AL, FW)	1			Meeting Criteria
Trichloroethylene (30 µg/l, AL, FW)	1			Meeting Criteria
Vinyl Chloride (2.4 µg/l, AL, FW)	1			Meeting Criteria
Tetrachloroethane, 1,1,2,2- (4 µg/l, HH, FW)	1			Meeting Criteria
Tetrachloroethylene (3.3 µg/l, HH, FW)	1			Meeting Criteria
Carbon Tetrachloride (1.6 µg/l, AL, FW)	1			Meeting Criteria

Georges Creek	17-41	C	8.6	FW Miles
4299 From source to Deep River				

PARAMETER	IR CATEGORY	CRITERIA STATUS	
Benthos (Nar, AL, FW)	1		Meeting Criteria

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Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
Little Buffalo Creek	17-42	C	9.9	FW Miles
4301 From source to Deep River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive

Rocky River	17-43-(1)a	WS-III	10.6	FW Miles
4302 From source to upper Rocky River Reservoir				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Rocky River	17-43-(1)b	WS-III	3.9	FW Miles
4303 From upper Rocky River Reservoir to a point 0.3 mile downstream of Lacy Creek				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	3a	Data Inconclusive
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Data Inconclusive
pH (6 su, AL, FW)	3a	Data Inconclusive
pH (9.0, AL, FW)	3a	Data Inconclusive
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

Rocky River	17-43-(5.5)a	WS-III;CA	15.0	FW Acres	
13206	Siler City upper reservoir from 0.3 miles upstream of dam to the dam- (Turner Reservoir Critical Area).				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	3a	Data Inconclusive
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Data Inconclusive
pH (6 su, AL, FW)	3a	Data Inconclusive
pH (9.0, AL, FW)	3a	Data Inconclusive
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Hardness (100 mg/L, WS, WS)	3a	Data Inconclusive
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive

Rocky River	17-43-(5.5)b	WS-III;CA	27.0	FW Acres	
13360	From Siler City upper reservoir dam to Charles L. Turner Reservoir Dam				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Rocky River	17-43-(8)a	C	6.7	FW Miles
4305	From dam at lower supply reservoir for Siler City to Varnal Creek			

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

Rocky River	17-43-(8)b1	C	15.1	FW Miles
13382	From Varnal Creek to backwater of Woody's Dam			

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive
1,4-Dioxane in Water (80 µg/l, AL, FW)	3a	Data Inconclusive
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Rocky River	17-43-(8)b2	C	34.0	FW Acres
13460	Former ponded area behind Woody's Dam.			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	3r	Data Inconclusive
Aquatic Passage	1r	Meeting Criteria
Hydraulics	1r	Meeting Criteria

Rocky River	17-43-(8)b3	C	5.5	FW Miles
13461	From Woody's Dam to Deep River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Loves Creek	17-43-10a	C	3.3	FW Miles
4308	From source to Chatham Avenue			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Loves Creek	17-43-10b1	C	2.3	FW Miles
13505	From Chatham Avenue to US 421			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Nickel (88 µg/l, AL, FW)	1	Meeting Criteria
Arsenic (10 µg/l, HH, NC)	1	Meeting Criteria
Mercury (0.012 µg/l, FC, FW)	1	Meeting Criteria
Zinc (50 µg/l, AL, FW)	1	Meeting Criteria
Beryllium (6.5 µg/l, AL, NC)	1	Meeting Criteria
Cadmium (2 µg/l, AL, FW)	1	Meeting Criteria
Copper (7 µg/l, AL, FW)	1	Meeting Criteria
Lead (25 µg/l, AL, NC)	1	Meeting Criteria
Arsenic (50 µg/l, AL, NC)	1	Meeting Criteria
Toxaphene (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Mirex (0.001 µg/l, AL, FW)	1	Meeting Criteria
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1	Meeting Criteria
Parathion (0.013Sul µg/l, AL, FW)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
PCB (0.064 ng/l, HH, NC)	1	Meeting Criteria
Iron (1000 µg/l, Natural, FW)	3z1	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
	pH (9.0, AL, FW)	1		Meeting Criteria
	pH (6 su, AL, FW)	1		Meeting Criteria
	Dissolved Oxygen (4 mg/l, AL, FW)	5		Exceeding Criteria
	Chloride (230 mg/l, AL, FW)	1		Meeting Criteria
	Phenolic Compounds	1		Meeting Criteria
	Lindane (0.01 µg/l, AL, FW)	1		Meeting Criteria
	Cyanide (5 mg/L, AL, FW)	1		Meeting Criteria
	Selenium (5 µg/l, AL, FW)	1		Meeting Criteria
	DDT 4,4 (0.0002 µg/l, AL, FW)	1		Meeting Criteria
	Aldrin (0.00005 µg/l, AL, FW)	1		Meeting Criteria
	Chromium (50 µg/l, AL, FW)	1		Meeting Criteria
	Water Temperature (32°C, AL, LP&CP)	1		Meeting Criteria
	PAHs (0.0311 µg/l, AL, FW)	1		Meeting Criteria
	Hexachlorobutadiene (18 µg/l, AL, FW)	1		Meeting Criteria
	Benzene (51 µg/l, AL, FW)	1		Meeting Criteria
	Carbon Tetrachloride (1.6 µg/l, AL, FW)	1		Meeting Criteria
	Flouride (1.8 mg/l, AL, FW)	1		Meeting Criteria
	Toluene (11 µg/l, AL, FW)	1		Meeting Criteria
	Trichloroethylene (30 µg/l, AL, FW)	1		Meeting Criteria
	Vinyl Chloride (2.4 µg/l, AL, FW)	1		Meeting Criteria
	Tetrachloroethane, 1,1,2,2- (4 µg/l, HH, FW)	1		Meeting Criteria
	Tetrachloroethylene (3.3 µg/l, HH, FW)	1		Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Loves Creek	17-43-10b2	C	0.2	FW Miles
13711	From US 421 to Siler City WWTP			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

AU Name	AU Number	Classification	AU LengthArea	AU Units
Loves Creek	17-43-10c	C	0.4	FW Miles
4307	From Siler City WWTP to Rocky River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Meadow Creek	17-43-12	C	5.0	FW Miles
4311	From source to Rocky River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive

Tick Creek	17-43-13a	C	8.2	FW Miles
4312	From source to US 421			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	5	Exceeding Criteria

Tick Creek	17-43-13b	C	4.9	FW Miles
4313	From US 421 to Rocky River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Harlands Creek(Hollands Creek)	17-43-15	C	10.2	FW Miles
4316	From source to Rocky River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

Bear Creek	17-43-16b	C	2.0	FW Miles
4318	From SR 2189 to SR 2187			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
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AU ID	Description
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Bear Creek	17-43-16c	C	7.3	FW Miles
4319 From SR 2187 to Rocky River				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

Bull Run	17-5-(1)	WS-IV:*	7.2	FW Miles
4332 From a source to a point 0.5 mile upstream of mouth				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Bull Run	17-5-(2)	WS-IV;CA:*	0.6	FW Miles
4333 From a point 0.5 mile upstream of mouth to Randleman Reservoir, Deep River				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Richland Creek	17-7-(0.5)	WS-IV:*	6.4	FW Miles
4338 From source to a point 0.4 mile upstream of Guilford County SR 1154				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	4t	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Richland Creek	17-7-(4)	WS-IV;CA:*	1.7	FW Miles
4339 From a point 0.4 mile upstream of Guilford County SR 1154 to Randleman Reservoir, Deep River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	4t	Exceeding Criteria

Reddicks Creek	17-8-(0.5)a	WS-IV:*	5.1	FW Miles
4347 From source to Groomtown Road				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive

Hickory Creek	17-8.5-(1)a	WS-IV:*	3.0	FW Miles
4350 From source to Rolling Brook Drive				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Hickory Creek	17-8.5-(1)b	WS-IV:*	1.3	FW Miles
4351	From Rolling Brook Drive to a point 0.6 mile upstream of mouth			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Hickory Creek	17-8.5-(3)	WS-IV;CA:*	0.9	FW Miles
4352	From a point 0.6 mile upstream of mouth to Randleman Reservoir, Deep River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

Jenny Branch	17-8-2	WS-IV:*	3.2	FW Miles
4356	From source to Reddicks Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive

Muddy Creek	17-9-(1)	WS-IV:*	6.9	FW Miles
4358	From source to a point 0.5 mile upstream of mouth			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	4t	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Deep

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Muddy Creek	17-9-(2)	WS-IV;CA:*	0.8	FW Miles
4359	From a point 0.5 mile upstream of mouth to Randleman Reservoir			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	4t	Exceeding Criteria

Cape Fear River Basin	03030004	Upper Cape Fear
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NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
DEEP RIVER	17-(43.5)	WS-IV	6.0	FW Miles
4145 From a point 0.4 mile upstream of Rocky Branch to Cape Fear River (junction with Haw River)				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
1,4-Dioxane in Water (0.35 µg/l, WS, WS)	3a	Data Inconclusive
Beryllium Dissolved Chronic (6.5, AL, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria
Chromium Dissolved Chronic (Calcuated, AL, FW)	3a	Data Inconclusive
Arsenic Dissolved Chronic (36 µg/l, AL, SW)	3a	Data Inconclusive
Cadmium Dissolved Chronic (8.8, AL, SW)	3a	Data Inconclusive
Copper Dissolved Acute (4.8 µg/l, AL, SW)	3a	Data Inconclusive
Nickel Dissolved Chronic (8.2, AL, SW)	3a	Data Inconclusive
Silver Dissolved Chronic (0.1 µg/l, AL, SW)	3a	Data Inconclusive
Zinc Dissolved Chronic (81 µg/l, AL, SW)	3a	Data Inconclusive
Lead Dissolved Chronic (8.1, AL, SW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
CAPE FEAR RIVER	18-(16.7)	WS-IV	9.0	FW Miles
4368	From Lillington water supply intake to Upper Little River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
1,4-Dioxane in Water (0.35 µg/l, WS, WS)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Beryllium Dissolved Chronic (6.5, AL, FW)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Chromium Dissolved Chronic (Calcuated, AL, FW)	1	Meeting Criteria
Arsenic Dissolved Chronic (36 µg/l, AL, SW)	1	Meeting Criteria
Cadmium Dissolved Chronic (8.8, AL, SW)	1	Meeting Criteria
Copper Dissolved Acute (4.8 µg/l, AL, SW)	3a	Data Inconclusive
Nickel Dissolved Chronic (8.2, AL, SW)	1	Meeting Criteria
Silver Dissolved Chronic (0.1 µg/l, AL, SW)	1	Meeting Criteria
Zinc Dissolved Chronic (81 µg/l, AL, SW)	1	Meeting Criteria
Lead Dissolved Chronic (8.1, AL, SW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
CAPE FEAR RIVER	18-(20.7)a	WS-V	5.4		FW Miles
4370	From Dunn water supply intake to Lower Little River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO ₂ +NO ₃ -N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

CAPE FEAR RIVER	18-(25.5)	WS-IV;CA	0.5	FW Miles
4373	From a point 0.5 mile upstream of City of Fayetteville water supply intake to City of Fayetteville water supply intake			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO ₂ +NO ₃ -N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
1,4-Dioxane in Water (80 µg/l, AL, FW)	3a	Data Inconclusive
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
CAPE FEAR RIVER	18-(26)a	C	6.4	FW Miles
4378	From City of Fayetteville water supply intake to Peares Mill Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

CAPE FEAR RIVER	18-(4.5)	WS-IV;CA	0.5	FW Miles	
4380	From a point 0.5 mile upstream of NC Hwy 42 to NC Hwy 42 (Sanford water supply intake)				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Sulfate (250 mg/l, WS, WS)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive
Benthos (Nar, AL, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name AU Number Classification AU LengthArea AU Units

AU ID Description

CAPE FEAR RIVER	18-(5.5)a	WS-V	121.9	FW Acres
13756 From NC Hwy 42 to Buckhorn Dam				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	3a	Data Inconclusive
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Data Inconclusive
pH (6 su, AL, FW)	3a	Data Inconclusive
pH (9.0, AL, FW)	3a	Data Inconclusive
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive

Avents Creek	18-13-(2)	WS-IV;HQW	5.5	FW Miles
4405 From a point 1.3 miles upstream of Harnett County SR 1418 to Cape Fear River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length/Area	AU Units
AU ID	Description			

Hector Creek	18-15-(0.7)	WS-IV;HQW	8.9	FW Miles
4409	From a point 1.1 miles upstream of Harnett County SR 1415 to Cape Fear River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Coopers Branch	18-15-1	WS-IV;HQW	2.9	FW Miles
4410	From source to Hector Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Neills Creek (Neals Creek)	18-16-(0.3)	C	2.6	FW Miles
4411	From source to a point 0.3 mile upstream of Wake-Harnett County Line			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

Neills Creek (Neals Creek)	18-16-(0.7)a	WS-IV	2.0	FW Miles
4412	From a point 0.3 mile upstream of Wake-Harnett County Line to SR 1441			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

Neills Creek (Neals Creek)	18-16-(0.7)b	WS-IV	1.3	FW Miles
4413	From SR 1441 to Kenneth Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Neills Creek (Neals Creek)	18-16-(0.7)c1	WS-IV	6.7	FW Miles
4414	From Kenneth Creek to 0.4 miles upstream of US 401			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Neills Creek (Neals Creek)	18-16-(0.7)c2	WS-IV	1.6	FW Miles
4415	From US 401 to the Cape Fear River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Turbidity (50 NTU, AL, FW miles)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

Kenneth Creek	18-16-1-(1)	C	4.9	FW Miles
4416	From source to Wake-Harnett County Line			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Kenneth Creek	18-16-1-(2)	WS-IV	3.9	FW Miles
4417	From Wake-Harnett County Line to Neils Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Turbidity (50 NTU, AL, FW miles)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

Buies Creek	18-18	WS-IV	8.2	FW Miles
4421	From source to Cape Fear River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Upper Little River (incl. Lake Trace below elev. 257 MSL) (5)	18-20-(1)	B	17.6	FW Miles
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4429	From source to dam at Lake Trace
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2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Upper Little River	18-20-(24.5)	WS-IV	15.6	FW Miles
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4430	From a point 0.6 mile downstream of Juniper Branch to Cape Fear River
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2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
pH (6 su, AL, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Upper Little River	18-20-(8)a	C	4.3	FW Miles
4431	From dam at Lake Trace to Corndack Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name AU Number Classification AU LengthArea AU Units

AU ID Description

UT UPR LITTLE R	18-20-(8)aut		2.7	FW Miles
13255	Source to UPR LITTLE R			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Zinc (50 µg/l, AL, FW)	1	Meeting Criteria
Nickel (88 µg/l, AL, FW)	1	Meeting Criteria
Mercury (0.012 µg/l, FC, FW)	1	Meeting Criteria
Arsenic (10 µg/l, HH, NC)	1	Meeting Criteria
Beryllium (6.5 µg/l, AL, NC)	1	Meeting Criteria
Cadmium (2 µg/l, AL, FW)	1	Meeting Criteria
Copper (7 µg/l, AL, FW)	1	Meeting Criteria
Lead (25 µg/l, AL, NC)	1	Meeting Criteria
Arsenic (50 µg/l, AL, NC)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Phenolic Compounds	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Selenium (5 µg/l, AL, FW)	1	Meeting Criteria
pH (NA, AL, swamp)	3a	Data Inconclusive
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1	Meeting Criteria
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Mirex (0.001 µg/l, AL, FW)	1	Meeting Criteria
Chromium (50 µg/l, AL, FW)	1	Meeting Criteria
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
	Aldrin (0.00005 µg/l, AL, FW)	1		Meeting Criteria
	Turbidity (50 NTU, AL, FW miles)	1		Meeting Criteria
	Iron (1000 µg/l, Natural, FW)	3z1		Data Inconclusive
	Demeton (0.1 µg/l, AL, FW)	1		Meeting Criteria
	PCB (0.064 ng/l, HH, NC)	1		Meeting Criteria
	Parathion (0.013Sul µg/l, AL, FW)	1		Meeting Criteria
	Heptachlor (0.00008 µg/l, AL, FW)	1		Meeting Criteria
	Toxaphene (0.0002 µg/l, AL, FW)	1		Meeting Criteria
	Endrin (0.002 µg/l, AL, FW)	1		Meeting Criteria
	Endosulfan (0.05 µg/l, AL, FW)	1		Meeting Criteria
	Dieldrin (0.00005 µg/l, AL, FW)	1		Meeting Criteria
	Methoxychlor (0.03 µg/l, AL, FW)	1		Meeting Criteria
	Hexachlorobutadiene (18 µg/l, AL, FW)	1		Meeting Criteria
	Vinyl Chloride (2.4 µg/l, AL, FW)	1		Meeting Criteria
	Flouride (1.8 mg/l, AL, FW)	1		Meeting Criteria
	Trichloroethylene (30 µg/l, AL, FW)	1		Meeting Criteria
	Dissolved Oxygen (5 mg/l, AL, SW)	1		Meeting Criteria
	Benzene (51 µg/l, AL, FW)	1		Meeting Criteria
	Tetrachloroethylene (3.3 µg/l, HH, FW)	1		Meeting Criteria
	Tetrachloroethane, 1,1,2,2- (4 µg/l, HH, FW)	1		Meeting Criteria
	Carbon Tetrachloride (1.6 µg/l, AL, FW)	1		Meeting Criteria
	PAHs (0.0311 µg/l, AL, FW)	1		Meeting Criteria
	Toluene (11 µg/l, AL, FW)	1		Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Barbeque Creek	18-20-13	C	11.7	FW Miles
4436	From source to Upper Little River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

Little Rocky Run Creek	18-20-16-1	C	0.9	FW Miles
4458	From source to Rocky Run Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Carrs Creek	18-20-7	C	3.6	FW Miles
4493	From source to Lake Trace, Upper Little River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1	Meeting Criteria
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1	Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	1	Meeting Criteria
Hexachlorobutadiene (18 µg/l, AL, FW)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	1	Meeting Criteria
Mirex (0.001 µg/l, AL, FW)	3a	Data Inconclusive
Parathion (0.013Sul µg/l, AL, FW)	1	Meeting Criteria
Tetrachloroethane, 1,1,2,2- (4 µg/l, HH, FW)	1	Meeting Criteria
Tetrachloroethylene (3.3 µg/l, HH, FW)	1	Meeting Criteria
Toluene (11 µg/l, AL, FW)	1	Meeting Criteria
Toxaphene (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Trichloroethylene (30 µg/l, AL, FW)	1	Meeting Criteria
Vinyl Chloride (2.4 µg/l, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Beryllium Dissolved Chronic (6.5, AL, FW)	1	Meeting Criteria
Chromium Dissolved Chronic (Calcuated, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
	Arsenic Dissolved Chronic (36 µg/l, AL, SW)			
	Cadmium Dissolved Chronic (8.8, AL, SW)			
	Copper Dissolved Acute (4.8 µg/l, AL, SW)			
	Nickel Dissolved Chronic (8.2, AL, SW)			
	Silver Dissolved Chronic (0.1 µg/l, AL, SW)			
	Zinc Dissolved Chronic (81 µg/l, AL, SW)			
	Lead Dissolved Chronic (8.1, AL, SW)			
	Flouride (1.8 mg/l, AL, FW)			
	Water Temperature (32°C, AL, LP&CP)			
	Dissolved Oxygen (4 mg/l, AL, FW)			
	pH (6 su, AL, FW)			
	pH (9.0, AL, FW)			
	Turbidity (50 NTU, AL, FW miles)			
	Aldrin (0.00005 µg/l, AL, FW)			
	Benzene (51 µg/l, AL, FW)			
	Carbon Tetrachloride (1.6 µg/l, AL, FW)			

Little River (Lower Little River)	18-23-(1)	WS-III;HQW	14.9	FW Miles
4497 From source to backwaters of Thagards Lake				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
Little River (Lower Little River)	18-23-(10.7)	WS-III;HQW	12.6		FW Miles
4499	From Vass water supply intake to Crane Creek				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
pH (6 su, AL, FW)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO ₂ +NO ₃ -N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

AU Name	AU Number	Classification	AU Length	Area	AU Units
Little River (Lower Little River)	18-23-(24)	C	25.6		FW Miles
4502	From Fort Bragg lower water supply intake to Cape Fear River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
pH (6 su, AL, FW)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Mill Creek	18-23-11-(1)	WS-III;HQW:@	58.1	FW Acres
4506	From source to dam at old Southern Pines Water Supply			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	3a	Data Inconclusive
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Data Inconclusive
pH (6 su, AL, FW)	3a	Data Inconclusive
pH (9.0, AL, FW)	3a	Data Inconclusive
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Chlorophyll a (40 µg/l, AL, NC)	3a	Data Inconclusive
Hardness (100 mg/L, WS, WS)	3a	Data Inconclusive

Mill Creek (Warrior Lake, Crystal Lake)	18-23-11-(2)	WS-III,B;HQW:@	8.6	FW Miles
4507	From dam at old Southern Pines water supply to dam at Crystal Lake			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

James Creek	18-23-13	WS-III	14.4	FW Miles
4512	From source to Little River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Flat Creek	18-23-15	WS-III	6.2	FW Miles
4519	From source to Little River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

Cypress Creek	18-23-16-10	WS-III	5.4	FW Miles
4523	From source to Lake Surf, Cane Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

Herds Creek	18-23-16-3	WS-III	8.1	FW Miles
4531	From source to Cane Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

Little Cane Creek (White Oak Creek)	18-23-16-4a	WS-III	5.0	FW Miles
4532	From source to SR 24 and 27			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Little Cane Creek (White Oak Creek)	18-23-16-4b	WS-III	4.4	FW Miles
4533 From SR 24 and 27 to Cane Creek				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Beaver Creek	18-23-16-8	WS-III	7.2	FW Miles
4537 From source to Cane Creek				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

Crane Creek (Craine Creek)	18-23-16a	WS-III	16.3	FW Miles
4520 From source to Lake Surf				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

Crane Creek (Craine Creek)	18-23-16b2	WS-III	6.3	FW Miles
4521 From Lake Surf to Little River				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Buffalo Creek	18-23-18	WS-III	7.6	FW Miles
4552 From source to Little River				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Nicks Creek	18-23-3-(3)	WS-III	2.0	FW Miles
4579	From Carthage water supply intake to Little River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

Anderson Creek	18-23-32	C	5.4	FW Miles
4585	From source to Little River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

North Prong Anderson Creek (Cambro Pond)	18-23-32-1	C	11.2	FW Miles
4587	From source to Anderson Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Spring Valley Lake	18-23-6	WS-III,B	3.4	FW Miles
4598	Entire Lake and connecting stream to Thagards Lake, Little River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Cross Creek (Big Cross Creek) (Texas Pond, Smith Lake, Rose)	18-27-(1)c	WS-IV	2.7	FW Miles
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4610	From Country Club Road to a point 0.5 mile upstream of water supply intake at Murchison Road in Fayetteville
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	5	Exceeding Criteria

Cross Creek (Big Cross Creek)	18-27-(3)a	C	0.7	FW Miles
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4613	From water supply intake at Murchison Road in Fayetteville to Hillsboro Street
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

Cross Creek (Big Cross Creek)	18-27-(3)b	C	1.4	FW Miles
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4614	From Hillsboro Street to Blounts Creek
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

Cross Creek (Big Cross Creek)	18-27-(3)c	C	1.4	FW Miles
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4612	From Blount Creek to Cape Fear River
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2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

UT at Cross Creek POTW	18-27-(3)cut2		0.2	FW Miles
12978	From source to Cross Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

Ut near Rosehill Road	18-27-2-(2)	WS-IV	0.8	FW Miles
4616	From dam at Country Club Lake to Cross Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive

Little Cross Creek (Bonnie Doone Lake, Kornbow Lake, Mintz p	18-27-4-(1)a	WS-IV	1.6	FW Miles
4617	From source to Bonnie Doone Lake			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

UT LITTLE CROSS CR	18-27-4-(1)b		0.9	FW Miles
13260	Source to LITTLE CROSS CR			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Little Cross Creek (Bonnie Doone Lake, Kornbow Lake, Mintz p	18-27-4-(1)e	WS-IV	1.1	FW Miles
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4621	From Kornbow Lake to a point 0.5 mile upstream of backwaters of Glenville Lake
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2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	4c	Exceeding Criteria

Little Cross Creek (Glenville Lake)	18-27-4-(1.5)	WS-IV;CA	25.7	FW Acres
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4622	From a point 0.5 mile upstream of backwaters of Glenville Lake to dam at Glenville Lake
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2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	3a	Data Inconclusive
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Data Inconclusive
pH (6 su, AL, FW)	3a	Data Inconclusive
pH (9.0, AL, FW)	3a	Data Inconclusive
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Hardness (100 mg/L, WS, WS)	3a	Data Inconclusive
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Sulfate (250 mg/l, WS, WS)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive

Little Cross Creek (Glenville Lake)	18-27-4-(2)	C	2.1	FW Miles
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4623	From dam at Glenville Lake to Cross Creek
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2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	4c	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Blounts Creek	18-27-5	C	6.2	FW Miles
4624	From source to Cross Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	5	Exceeding Criteria

Locks Creek	18-28	C	5.7	FW Miles
4627	From source to Cape Fear River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				
Ut to Locks Creek	18-28ut3		1.9		FW Miles
13328	From source to Locks Creek				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
pH (6 su, AL, FW)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	5	Exceeding Criteria
Mercury (0.012 µg/l, FC, FW)	5	Exceeding Criteria
Aldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Phenolic Compounds	1	Meeting Criteria
Parathion (0.013Sul µg/l, AL, FW)	1	Meeting Criteria
PCB (0.064 ng/l, HH, NC)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1	Meeting Criteria
Toxaphene (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	1	Meeting Criteria
Iron (1000 µg/l, Natural, FW)	3z1	Data Inconclusive
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria
Mirex (0.001 µg/l, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	3a	Data Inconclusive
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		3a		Data Inconclusive
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		3a		Data Inconclusive
		1		Meeting Criteria
		1		Meeting Criteria
		3a		Meeting Criteria
		1		Meeting Criteria
		3a		Meeting Criteria
		5		Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Rockfish Creek	18-31-(1)a	C	12.3	FW Miles
13507	From source to Juniper Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Rockfish Creek	18-31-(12)	B	3.8	FW Miles
4639	From mouth of Dry Branch to mouth of Pedler Branch			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
pH (6 su, AL, FW)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

Rockfish Creek [(Upchurches Pond, Old Brower Mill Pond (Number Two Lake))]	18-31-(18)	B	25.0	FW Miles
4641	From mouth of Puppy Creek to dam at Old Brower Mill Pond Dam			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
pH (6 su, AL, FW)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Rockfish Creek	18-31-(23)	C	18.8	FW Miles
4642	From dam at Old Brower Mill Pond to Cape Fear River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
pH (6 su, AL, FW)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

Juniper Creek (MCKietham Pond)	18-31-10	C	9.0	FW Miles
4643	From source to Rockfish Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

Nicholson Creek (Mott Lake)	18-31-14	C	10.9	FW Miles
4646	From source to Rockfish Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Puppy Creek	18-31-19	C	10.5	FW Miles
4648	From source to Rockfish Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Little Rockfish Creek (Lake William)	18-31-24-(1)	C	12.4	FW Miles
4664	From source to mouth of Bones Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Little Rockfish Creek	18-31-24-(4)a	C	1.7	FW Miles
13508	From Unnamed Tributary at Lakewood Lake to Beaverdam Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Little Rockfish Creek	18-31-24-(4)	C	2.3	FW Miles
13652	From Beaverdam Creekback to waters of Hope Mill Lake			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Bones Creek	18-31-24-2	C	12.0	FW Miles
4669	From source to Little Rockfish Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Beaver Creek (Beaver Creek Pond)	18-31-24-5	C	19.3	FW Miles
4671	From source to Little Rockfish Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Lead (25 µg/l, AL, NC)	1	Meeting Criteria
Mercury (0.012 µg/l, FC, FW)	1	Meeting Criteria
Zinc (50 µg/l, AL, FW)	1	Meeting Criteria
Arsenic (10 µg/l, HH, NC)	1	Meeting Criteria
Nickel (88 µg/l, AL, FW)	1	Meeting Criteria
Beryllium (6.5 µg/l, AL, NC)	1	Meeting Criteria
Cadmium (2 µg/l, AL, FW)	1	Meeting Criteria
Copper (7 µg/l, AL, FW)	1	Meeting Criteria
Arsenic (50 µg/l, AL, NC)	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Selenium (5 µg/l, AL, FW)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria
PCB (0.064 ng/l, HH, NC)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	1	Meeting Criteria
Parathion (0.013Sul µg/l, AL, FW)	1	Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	1	Meeting Criteria
Toxaphene (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Aldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name AU Number Classification AU LengthArea AU Units

AU ID Description

Dissolved Oxygen (4 mg/l, AL, FW)	1	1	Meeting Criteria
Mirex (0.001 µg/l, AL, FW)	1	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1	1	Meeting Criteria
pH (6 su, AL, FW)	3a	1	Data Inconclusive
pH (9.0, AL, FW)	1	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	1	Meeting Criteria
Chromium (50 µg/l, AL, FW)	1	1	Meeting Criteria
Iron (1000 µg/l, Natural, FW)	3z1	1	Data Inconclusive
Phenolic Compounds	1	1	Meeting Criteria
Carbon Tetrachloride (1.6 µg/l, AL, FW)	1	1	Meeting Criteria
PAHs (0.0311 µg/l, AL, FW)	1	1	Meeting Criteria
Trichloroethylene (30 µg/l, AL, FW)	1	1	Meeting Criteria
Vinyl Chloride (2.4 µg/l, AL, FW)	1	1	Meeting Criteria
Tetrachloroethane, 1,1,2,2- (4 µg/l, HH, FW)	1	1	Meeting Criteria
Tetrachloroethylene (3.3 µg/l, HH, FW)	1	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	1	Meeting Criteria
Benzene (51 µg/l, AL, FW)	1	1	Meeting Criteria
Toluene (11 µg/l, AL, FW)	1	1	Meeting Criteria
Hexachlorobutadiene (18 µg/l, AL, FW)	1	1	Meeting Criteria

Stewarts Creek 18-31-24-5-4 C 8.6 FW Miles

4675 From source to Beaver Creek Pond, Beaver Creek

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Piney Bottom Creek	18-31-4	C	4.6	FW Miles
4679	From source to Rockfish Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	1	Meeting Criteria

Lick Creek	18-4-(2)	WS-IV	10.3	FW Miles
4704	From dam at Olhams Lake to Cape Fear River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Dissolved Oxygen (4 mg/l, AL, FW)	5	Exceeding Criteria
Turbidity (50 NTU, AL, FW miles)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

Hughes Creek	18-4-7	WS-IV	3.9	FW Miles
4739	From source to Lick Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive

Gulf Creek	18-5-(1)a	WS-IV	3.6	FW Miles
4744	From source to clay pit below SR 1924			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Gulf Creek	18-5-(1)b	WS-IV	2.7	FW Miles
4745	From clay pit below SR 1924 to a point 0.2 mile upstream of mouth			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	5	Exceeding Criteria

Gulf Creek	18-5-(2)	WS-IV;CA	0.3	FW Miles
4746	From a point 0.2 mile upstream of mouth to Cape Fear River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	5	Exceeding Criteria

Buckhorn Creek (Harris Lake)	18-7-(11)	C	4.3	FW Miles
5019	From dam at Harris Lake to Cape Fear River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

Buckhorn Creek	18-7-(2)	B	2.2	FW Miles
5020	From Norfolk Southern Railroad to backwaters of Harris Lake			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Upper Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Buckhorn Creek (Harris Lake)	18-7-(3)	WS-V	4,115.1	FW Acres
5021	From backwaters of Harris Lake to dam at Harris Lake			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
pH (9.0, AL, FW)	3a	Data Inconclusive
Chlorophyll a (40 µg/l, AL, NC)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	3a	Data Inconclusive
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Data Inconclusive
pH (6 su, AL, FW)	3a	Data Inconclusive
NO2+NO3-N (10 mg/l, WS, WS)	3a	Data Inconclusive
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Sulfate (250 mg/l, WS, WS)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive

Little Branch	18-7-6-1-1	C	3.4	FW Miles
5257	From source to Big Branch			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	3a	Data Inconclusive

Parkers Creek	18-9	C;HQW	6.0	FW Miles
5423	From source to Cape Fear River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
CAPE FEAR RIVER		18-(26)b	C	13.1 FW Miles
4377	From Peares Mill Creek to Grays Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

CAPE FEAR RIVER	18-(26.25)b	WS-IV	4.0	FW Miles
13411	Grays Creek to Lock and Dam 3			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

CAPE FEAR RIVER	18-(26.25)c	WS-IV	4.4	FW Miles	
13406	From Lock and dam 3 to a point approximately 0.5 mile upstream of Smithfield Packing Company's intake				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
1,4-Dioxane in Water (0.35 µg/l, WS, WS)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
1,4-Dioxane in Water (80 µg/l, AL, FW)	3a	Data Inconclusive

CAPE FEAR RIVER	18-(26.75)a	C	16.2	FW Miles	
13408	From Smithfield Packing Company's intake (approximately 2 miles upstream of County Road 1316) to NC 701				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

CAPE FEAR RIVER	18-(26.75)b	C	1.8	FW Miles
13412	NC 701 to Browns Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

CAPE FEAR RIVER	18-(26.75)c	C	10.0	FW Miles
13413	From Browns Creek to Hammond Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name AU Number Classification AU LengthArea AU Units
AU ID Description

CAPE FEAR RIVER	18-(49)	WS-V	8.1	FW Miles
4381	From mouth of Hammond Creek to mouth of Drunken Run (near mile 53)			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO ₂ +NO ₃ -N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

CAPE FEAR RIVER	18-(53.5)	WS-IV	12.0	FW Miles
4383	From mouth of Drunken Run (near mile 53) to a point 0.6 mile upstream of Lock #1 near Acme			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO ₂ +NO ₃ -N (10 mg/l, WS, WS)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

CAPE FEAR RIVER	18-(58.5)	WS-IV;CA	0.8	FW Miles
4384	From a point 0.6 mile upstream of Lock #1 near Acme to Lock #1 (City of Wilmington water supply intake)			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO2+NO3-N (10 mg/l, WS, WS)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

CAPE FEAR RIVER	18-(59)	WS-IV;Sw	7.7	FW Miles
4385	From US Corps of Engineers Lock #1 near Acme to a point 0.5 mile upstream of raw WSI at Fed. Paper Board Corp. (Riegelwood)			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
1,4-Dioxane in Water (0.35 µg/l, WS, WS)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
NO ₂ +NO ₃ -N (10 mg/l, WS, WS)	1	Meeting Criteria
Hardness (100 mg/L, WS, WS)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Sulfate (250 mg/l, WS, WS)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

CAPE FEAR RIVER	18-(63)a	C;Sw	3.8	FW Miles
4387	From raw water supply intake at Federal Paper Board corporation (Riegelwood) to Bryant Mill Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
CAPE FEAR RIVER	18-(63)b	C;Sw	18.5	FW Miles
4388 From Bryant Mill Creek to upstream mouth of Toomers Creek				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive
Beryllium Dissolved Chronic (6.5, AL, FW)	3a	Data Inconclusive
Chlorophyll a (40 µg/l, AL, NC)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria
Chromium Dissolved Chronic (Calcuated, AL, FW)	3a	Data Inconclusive
Arsenic Dissolved Chronic (36 µg/l, AL, SW)	1	Meeting Criteria
Cadmium Dissolved Chronic (8.8, AL, SW)	3a	Data Inconclusive
Copper Dissolved Acute (4.8 µg/l, AL, SW)	3a	Data Inconclusive
Nickel Dissolved Chronic (8.2, AL, SW)	3a	Data Inconclusive
Silver Dissolved Chronic (0.1 µg/l, AL, SW)	3a	Data Inconclusive
Zinc Dissolved Chronic (81 µg/l, AL, SW)	3a	Data Inconclusive
Lead Dissolved Chronic (8.1, AL, SW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
CAPE FEAR RIVER	18-(71)a1	SC	10.6	S Acres
13506	From upstream mouth of Toomers Cr. To Railroad bridge at Navassa			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Dissolved Oxygen (5 mg/l, AL, SW)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (8.5, AL, SW)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	1	Meeting Criteria
Cadmium Dissolved Chronic (8.8, AL, SW)	1	Meeting Criteria
Copper Dissolved Acute (4.8 µg/l, AL, SW)	1	Meeting Criteria
Copper Dissolved Chronic (3.1 µg/l, AL, SW)	1	Meeting Criteria
Lead Dissolved Chronic (8.1, AL, SW)	1	Meeting Criteria
Nickel Dissolved Chronic (8.2, AL, SW)	1	Meeting Criteria
Silver Dissolved Chronic (0.1 µg/l, AL, SW)	1	Meeting Criteria
Zinc Dissolved Chronic (81 µg/l, AL, SW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria
Chromium Dissolved Chronic (Calcuated, AL, FW)	1	Meeting Criteria
Arsenic Dissolved Chronic (36 µg/l, AL, SW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
CAPE FEAR RIVER		18-(71)a2a	SC	290.0 S Acres
13994	From Railroad bridge to Hwy 17 bridge.			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Dissolved Oxygen (5 mg/l, AL, SW)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (8.5, AL, SW)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	1	Meeting Criteria
Hexavalent Chromium Fish Tissue Advisory (Advisory, FC, NC)	5	Exceeding Criteria
Arsenic Fish Tissue Advisory (Advisory, FC, NC)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
CAPE FEAR RIVER		18-(71)a2b	SC	149.8 S Acres
13995	From Hwy 17 bridge to Greenfield Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (5 mg/l, AL, SW)	5	Exceeding Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (8.5, AL, SW)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
CAPE FEAR RIVER	18-(71)a3	SC	1,274.9	S Acres
13732	From Greenfield Creek to Barnards Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Dissolved Oxygen (5 mg/l, AL, SW)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (8.5, AL, SW)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	1	Meeting Criteria
Copper (3 µg/l, AL, SW)	5	Exceeding Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	3a	Data Inconclusive

CAPE FEAR RIVER	18-(71)a4	SC	372.9	S Acres
13733	From Barnards Creek to 0.6 miles downstream of Barnards Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Dissolved Oxygen (5 mg/l, AL, SW)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (8.5, AL, SW)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

CAPE FEAR RIVER	18-(71)a5	SC	2,183.7	S Acres
13734	From 0.6 miles downstream of Barnards Creek to 1.9 miles downstream of Mott Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Dissolved Oxygen (5 mg/l, AL, SW)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (8.5, AL, SW)	1	Meeting Criteria
Copper (3 µg/l, AL, SW)	5	Exceeding Criteria

CAPE FEAR RIVER	18-(71)a6	SC	1,394.1	S Acres
13735	From 1.9 miles downstream of Mott Creek to a line across the river Between Lilliput Creek and Snows Cut			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Copper (3 µg/l, AL, SW)	5	Exceeding Criteria

CAPE FEAR RIVER	18-(71)b	SC	7,855.1	S Acres
4389	From a line across the river between Lilliput Creek and Snows Cut to a line across the river from Walden Creek to the Basin			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (6.8 su, AL, SW)	1	Meeting Criteria
pH (8.5, AL, SW)	1	Meeting Criteria
Dissolved Oxygen (5 mg/l, AL, SW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

CAPE FEAR RIVER	18-(87.5)a	SA;HQW	769.0	S Acres
4391	Prohibited area north of Southport Restricted Area and west of ICWW in Cape Fear River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (5 mg/l, AL, SW)	1	Meeting Criteria
pH (6.8 su, AL, SW)	1	Meeting Criteria
pH (8.5, AL, SW)	1	Meeting Criteria
Shellfish Growing Area Status (Fecal, SH, SA)	5	Exceeding Criteria
Fecal Coliform (GM 14 or 43, SH, SA)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria
Arsenic (10 µg/l, HH, NC)	3a	Data Inconclusive

CAPE FEAR RIVER	18-(87.5)b1a	SA;HQW	4,269.5	S Acres
13446	Approved area east of ICWW in Cape Fear River excluding Conditional shellfish area on eastern bank			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	1	Meeting Criteria

CAPE FEAR RIVER	18-(87.5)b1b	SA;HQW	85.7	S Acres
13384	Prohibited area near Southport			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	5	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Harrisons Creek (Little Alligator Swamp)	18-42b	C	4.8	FW Miles
4708	From 0.3 miles downstream of SR 1318 to Cape Fear River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
pH (6 su, AL, FW)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

Ellis Creek	18-44	C	11.8	FW Miles
4713	From source to Cape Fear River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Salters Lake	18-44-4	C	315.4	FW Acres
4719	Entire lake and connecting stream to Ellis Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
pH (6 su, AL, FW)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name AU Number Classification AU LengthArea AU Units

AU ID Description

Browns Creek (Cross Pond)	18-45	C	10.5	FW Miles
4720 From source to Cape Fear River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

Turnbull Creek	18-46	C	31.6	FW Miles
4725 From source to Cape Fear River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
pH (6 su, AL, FW)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Jones Lake	18-46-7-1	B	214.1	FW Acres
4734	From source to Lake Drain			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
pH (6 su, AL, FW)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria

White Lake	18-46-8-1	B	1,063.9	FW Acres
4736	From source to Lake Drain			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria
Arsenic Dissolved Chronic (36 µg/l, AL, SW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Hammond Creek	18-50	C	11.4	FW Miles
4747	From source to Cape Fear River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (6 su, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Whites Creek	18-50-5	C	6.1	FW Miles
4752	From source to Hammond Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	3a	Data Inconclusive
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1	Meeting Criteria
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1	Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	1	Meeting Criteria
Hexachlorobutadiene (18 µg/l, AL, FW)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	1	Meeting Criteria
Mirex (0.001 µg/l, AL, FW)	3a	Data Inconclusive
Parathion (0.013Sul µg/l, AL, FW)	1	Meeting Criteria
Tetrachloroethane, 1,1,2,2- (4 µg/l, HH, FW)	1	Meeting Criteria
Tetrachloroethylene (3.3 µg/l, HH, FW)	1	Meeting Criteria
Toluene (11 µg/l, AL, FW)	1	Meeting Criteria
Toxaphene (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Trichloroethylene (30 µg/l, AL, FW)	1	Meeting Criteria
Vinyl Chloride (2.4 µg/l, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Beryllium Dissolved Chronic (6.5, AL, FW)	1	Meeting Criteria
Chromium Dissolved Chronic (Calcuated, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		3a		Data Inconclusive
		3a		Data Inconclusive
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
Mill Creek	18-64-7-2	C;Sw	5.6	FW Miles
4803 From source to Dans Creek				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Aldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Data Inconclusive
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	1	Meeting Criteria
Hexachlorobutadiene (18 µg/l, AL, FW)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	3a	Data Inconclusive
Mirex (0.001 µg/l, AL, FW)	1	Meeting Criteria
PAHs (0.0311 µg/l, AL, FW)	1	Meeting Criteria
Parathion (0.013Sul µg/l, AL, FW)	1	Meeting Criteria
PCB (0.064 ng/l, HH, NC)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	5	Exceeding Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Tetrachloroethane, 1,1,2,2- (4 µg/l, HH, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Hood Creek	18-66	C;Sw	13.8	FW Miles
4811	From source to Cape Fear River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Bulldog Cut	18-68-23	C;Sw	0.8	FW Miles
4994	From Cape Fear River to Black River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1	Meeting Criteria
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1	Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	1	Meeting Criteria
Hexachlorobutadiene (18 µg/l, AL, FW)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	1	Meeting Criteria
Mirex (0.001 µg/l, AL, FW)	3a	Data Inconclusive
Parathion (0.013Sul µg/l, AL, FW)	1	Meeting Criteria
Tetrachloroethane, 1,1,2,2- (4 µg/l, HH, FW)	1	Meeting Criteria
Tetrachloroethylene (3.3 µg/l, HH, FW)	1	Meeting Criteria
Toluene (11 µg/l, AL, FW)	1	Meeting Criteria
Toxaphene (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Trichloroethylene (30 µg/l, AL, FW)	1	Meeting Criteria
Vinyl Chloride (2.4 µg/l, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Beryllium Dissolved Chronic (6.5, AL, FW)	1	Meeting Criteria
Chromium Dissolved Chronic (Calcuated, AL, FW)	1	Meeting Criteria
1,4-Dioxane in Water (80 µg/l, AL, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
	Arsenic Dissolved Chronic (36 µg/l, AL, SW)			
	Cadmium Dissolved Chronic (8.8, AL, SW)			
	Copper Dissolved Acute (4.8 µg/l, AL, SW)			
	Nickel Dissolved Chronic (8.2, AL, SW)			
	Silver Dissolved Chronic (0.1 µg/l, AL, SW)			
	Zinc Dissolved Chronic (81 µg/l, AL, SW)			
	Lead Dissolved Chronic (8.1, AL, SW)			
	Flouride (1.8 mg/l, AL, FW)			
	Water Temperature (32°C, AL, LP&CP)			
	Dissolved Oxygen (4 mg/l, AL, FW)			
	pH (4.3 su, AL, Sw)			
	pH (9.0, AL, FW)			
	Turbidity (50 NTU, AL, FW miles)			
	Aldrin (0.00005 µg/l, AL, FW)			
	Benzene (51 µg/l, AL, FW)			
	Carbon Tetrachloride (1.6 µg/l, AL, FW)			

Catfish Creek	18-69	C;Sw	1.1	FW Miles
5017 From source to Cape Fear River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	3a	Data Inconclusive
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Data Inconclusive
pH (4.3 su, AL, Sw)	3a	Data Inconclusive
pH (9.0, AL, FW)	3a	Data Inconclusive
Chlorophyll a (40 µg/l, AL, NC)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Greenfield Lake	18-76-1	C;Sw	75.3	FW Acres
5256	Entire Lake			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlorophyll a (40 µg/l, AL, NC)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	3a	Data Inconclusive
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Data Inconclusive
pH (4.3 su, AL, Sw)	3a	Data Inconclusive
pH (9.0, AL, FW)	3a	Data Inconclusive
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
Sturgeon Creek	18-77-1	C;Sw	5.1	FW Miles
5262	From source to Brunswick River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Hexavalent Chromium Fish Tissue Advisory (Advisory, FC, NC)	5	Exceeding Criteria
Arsenic Fish Tissue Advisory (Advisory, FC, NC)	5	Exceeding Criteria
Benthos (Nar, AL, FW)	3a	Data Inconclusive
Zinc (50 µg/l, AL, FW)	1	Meeting Criteria
Nickel (88 µg/l, AL, FW)	1	Meeting Criteria
Lead (25 µg/l, AL, NC)	1	Meeting Criteria
Beryllium (6.5 µg/l, AL, NC)	1	Meeting Criteria
Mercury (0.012 µg/l, FC, FW)	1	Meeting Criteria
Copper (7 µg/l, AL, FW)	1	Meeting Criteria
Arsenic (10 µg/l, HH, NC)	1	Meeting Criteria
Cadmium (2 µg/l, AL, FW)	1	Meeting Criteria
Arsenic (50 µg/l, AL, NC)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Iron (1000 µg/l, Natural, FW)	3z1	Data Inconclusive
Phenolic Compounds	1	Meeting Criteria
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Aldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
		1		Meeting Criteria
	Lindane (0.01 µg/l, AL, FW)			
		1		Meeting Criteria
	Heptachlor (0.00008 µg/l, AL, FW)			
		1		Meeting Criteria
	Dieldrin (0.00005 µg/l, AL, FW)			
		1		Meeting Criteria
	Endrin (0.002 µg/l, AL, FW)			
		1		Meeting Criteria
	Toxaphene (0.0002 µg/l, AL, FW)			
		1		Meeting Criteria
	Parathion (0.013Sul µg/l, AL, FW)			
		1		Meeting Criteria
	PCB (0.064 ng/l, HH, NC)			
		1		Meeting Criteria
	Demeton (0.1 µg/l, AL, FW)			
		1		Meeting Criteria
	Mirex (0.001 µg/l, AL, FW)			
		1		Meeting Criteria
	Turbidity (50 NTU, AL, FW miles)			
		1		Meeting Criteria
	Chloride (230 mg/l, AL, FW)			
		1		Meeting Criteria
	Chlordane (0.0008 µg/l, AL, FW)			
		1		Meeting Criteria
	Selenium (5 µg/l, AL, FW)			
		1		Meeting Criteria
	Chromium (50 µg/l, AL, FW)			
		1		Meeting Criteria
	PAHs (0.0311 µg/l, AL, FW)			
		1		Meeting Criteria
	Carbon Tetrachloride (1.6 µg/l, AL, FW)			
		1		Meeting Criteria
	Tetrachloroethane, 1,1,2,2- (4 µg/l, HH, FW)			
		1		Meeting Criteria
	Vinyl Chloride (2.4 µg/l, AL, FW)			
		1		Meeting Criteria
	Trichloroethylene (30 µg/l, AL, FW)			
		1		Meeting Criteria
	Tetrachloroethylene (3.3 µg/l, HH, FW)			
		1		Meeting Criteria
	Hexachlorobutadiene (18 µg/l, AL, FW)			
		1		Meeting Criteria
	Benzene (51 µg/l, AL, FW)			
		1		Meeting Criteria
	Dissolved Oxygen (NA, AL, swamp)			
		1		Meeting Criteria
	Flouride (1.8 mg/l, AL, FW)			
		1		Meeting Criteria
	Toluene (11 µg/l, AL, FW)			
		1		Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
Piney Branch	18-77-3-1	C;Sw	0.9	FW Miles
5268 From source to Jackeys Creek				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1	Meeting Criteria
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1	Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	1	Meeting Criteria
Hexachlorobutadiene (18 µg/l, AL, FW)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	1	Meeting Criteria
Mirex (0.001 µg/l, AL, FW)	3a	Data Inconclusive
Parathion (0.013Sul µg/l, AL, FW)	1	Meeting Criteria
Tetrachloroethane, 1,1,2,2- (4 µg/l, HH, FW)	1	Meeting Criteria
Tetrachloroethylene (3.3 µg/l, HH, FW)	1	Meeting Criteria
Toluene (11 µg/l, AL, FW)	1	Meeting Criteria
Toxaphene (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Trichloroethylene (30 µg/l, AL, FW)	1	Meeting Criteria
Vinyl Chloride (2.4 µg/l, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Beryllium Dissolved Chronic (6.5, AL, FW)	1	Meeting Criteria
Chromium Dissolved Chronic (Calcuated, AL, FW)	1	Meeting Criteria
1,4-Dioxane in Water (80 µg/l, AL, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
	Arsenic Dissolved Chronic (36 µg/l, AL, SW)			
	1			
	Meeting Criteria			
	Cadmium Dissolved Chronic (8.8, AL, SW)			
	1			
	Meeting Criteria			
	Copper Dissolved Acute (4.8 µg/l, AL, SW)			
	1			
	Meeting Criteria			
	Nickel Dissolved Chronic (8.2, AL, SW)			
	1			
	Meeting Criteria			
	Silver Dissolved Chronic (0.1 µg/l, AL, SW)			
	1			
	Meeting Criteria			
	Zinc Dissolved Chronic (81 µg/l, AL, SW)			
	1			
	Meeting Criteria			
	Lead Dissolved Chronic (8.1, AL, SW)			
	1			
	Meeting Criteria			
	Flouride (1.8 mg/l, AL, FW)			
	1			
	Meeting Criteria			
	Water Temperature (32°C, AL, LP&CP)			
	1			
	Meeting Criteria			
	Dissolved Oxygen (4 mg/l, AL, FW)			
	3a			
	Data Inconclusive			
	pH (4.3 su, AL, Sw)			
	3a			
	Data Inconclusive			
	pH (9.0, AL, FW)			
	1			
	Meeting Criteria			
	Turbidity (50 NTU, AL, FW miles)			
	1			
	Meeting Criteria			
	Aldrin (0.00005 µg/l, AL, FW)			
	1			
	Meeting Criteria			
	Benzene (51 µg/l, AL, FW)			
	1			
	Meeting Criteria			
	Carbon Tetrachloride (1.6 µg/l, AL, FW)			
	1			
	Meeting Criteria			

Brunswick River	18-77a	SC	60.6	S Acres
13992 From source to Hwy 17 Bridge				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Hexavalent Chromium Fish Tissue Advisory (Advisory, FC, NC)	5	Exceeding Criteria
Arsenic Fish Tissue Advisory (Advisory, FC, NC)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (5 mg/l, AL, SW)	5	Exceeding Criteria
pH (6.8 su, AL, SW)	5	Exceeding Criteria
pH (8.5, AL, SW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
Brunswick River	18-77b	SC	683.1	S Acres
13993	From Hwy 17 Bridge to Cape Fear River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Dissolved Oxygen (5 mg/l, AL, SW)	5	Exceeding Criteria
pH (6.8 su, AL, SW)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (8.5, AL, SW)	1	Meeting Criteria

AU Name	AU Number	Classification	AU LengthArea	AU Units
Barnards Creek	18-80	C;Sw	3.9	FW Miles
5275	From source to Cape Fear River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

AU Name	AU Number	Classification	AU LengthArea	AU Units
Lewis Branch	18-81-2-2	C;Sw	3.8	FW Miles
5281	From source to Lewis Swamp			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Allen Creek (Boiling Springs Lake)	18-85-1-(1)	B;Sw	331.5	FW Acres
5301	From source to Boiling Springs Lake Dam			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
pH (4.3 su, AL, Sw)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	3a	Data Inconclusive
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Data Inconclusive
pH (9.0, AL, FW)	3a	Data Inconclusive
Chlorophyll a (40 µg/l, AL, NC)	3a	Data Inconclusive
Turbidity (25 NTU, AL, FW acres & SW)	3a	Data Inconclusive

Southport Restricted Area	18-88-3.5	SC	715.1	S Acres
5388	Beginning at a point on the west bank of the Cape Fear River 1000 yards upstream of Price Creek, thence in an easterly direction to the eastern border of the Lower Cape F			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (5 mg/l, AL, SW)	1	Meeting Criteria
pH (6.8 su, AL, SW)	1	Meeting Criteria
pH (8.5, AL, SW)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	1	Meeting Criteria
Copper (3 µg/l, AL, SW)	5	Exceeding Criteria
Nickel (8.3 µg/l, AL, SW)	5	Exceeding Criteria
Enterococcus (GM 35 5 in 30, REC, SW)	1	Meeting Criteria
Arsenic (10 µg/l, HH, NC)	5	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Shellbed Creek	18-88-4	SA;HQW	9.2	S Acres
5389	From Muddy Slough to Cape Fear River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	1	Meeting Criteria

Middle Creek	18-88-5	SA;HQW	10.8	S Acres
5390	From Muddy Slough to Cape Fear River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	1	Meeting Criteria

Bowensville Creek	18-88-6	SA;HQW	5.2	S Acres
5391	From Muddy Slough to Cape Fear River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	1	Meeting Criteria

Muddy Slough	18-88-7	SA;HQW	158.7	S Acres
5392	Entire Slough			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	1	Meeting Criteria

The Basin	18-88-8-1	SA;HQW	383.9	S Acres
5393	Entire Basin			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Buzzard Bay	18-88-8-2	SA;HQW	578.0	S Acres
5394	Entire Basin			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	1	Meeting Criteria

Muddy Slough	18-88-8-2-1	SA;HQW	40.0	S Acres
79	Entire Slough			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	1	Meeting Criteria

Still Creek	18-88-8-2-2	SA;HQW	32.5	S Acres
5395	From Muddy Slough to Buzzard Bay			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	1	Meeting Criteria

Burris Creek	18-88-8-2-3	SA;HQW	12.7	S Acres
5396	From Muddy Slough to Buzzard Bay			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	1	Meeting Criteria

Cedar Creek	18-88-8-2-4	SA;HQW	105.0	S Acres
5397	From Cape Fear River to Buzzard Bay			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Cape Creek	18-88-8-3	SA;HQW	198.3	S Acres
5398	From source to Cape Fear River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	1	Meeting Criteria

Bay Creek	18-88-8-3-1	SA;HQW	80.6	S Acres
5399	From source to Cape Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	1	Meeting Criteria

Deep Creek	18-88-8-3-1-	SA;HQW	31.0	S Acres
5400	From source to Bay Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	1	Meeting Criteria

Fishing Creek	18-88-8-4-1	SA;HQW	7.9	S Acres
5402	From source to Bald Head Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	1	Meeting Criteria

Bald Head Creek	18-88-8-4a	SA;HQW	29.6	S Acres
13522	From source to DMF SS Station B2-18Z			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	5	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Bald Head Creek	18-88-8-4b	SA;HQW	50.3	S Acres
13717	From DMF SS Station B2-18Z to Cape Fear River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	1	Meeting Criteria

Beaverdam Creek	18-88-9-1-(1)	SA;HQW	11.3	S Acres
5407	From mouth of Polly Gully Creek to Intracoastal Waterway			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	5	Exceeding Criteria

Elizabeth River	18-88-9-2-(1)	SA;HQW	83.5	S Acres
5409	That section of Elizabeth River exclusive of the Elizabeth River Shellfishing Area			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	5	Exceeding Criteria

Elizabeth River Shellfishing Area	18-88-9-2-(2)	SA;HQW	205.6	S Acres
5410	That section of Elizabeth River within a line beginning at the mouth of Molasses Creek and running northeast to a point of marsh at the junction of Elizabeth River and Du			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	5	Exceeding Criteria

Denis Creek	18-88-9-2-3	SA;HQW	34.2	S Acres
5411	From source to Intracoastal Waterway			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	5	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Piney point Creek	18-88-9-2-4	SA;HQW	11.5	S Acres
5412	From source to Denis Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	5	Exceeding Criteria

Molasses Creek	18-88-9-2-5	SA;HQW	16.7	S Acres
5413	From source to Elizabeth River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	5	Exceeding Criteria

Coward Creek	18-88-9-2-5-	SA;HQW	5.9	S Acres
5414	From source to Molasses Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	5	Exceeding Criteria

Dutchman Creek	18-88-9-3-(2.	SA;HQW	75.8	S Acres
5416	From CP&L Discharge Canal to Intracoastal Waterway			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	5	Exceeding Criteria

Dutchman Creek Shellfish Area	18-88-9-3-(4)	SA;HQW	37.9	S Acres
5417	That section of Dutchman Creek within a line beginning at a point of marsh at the junction of Dutchman Creek and Elizabeth River and running due north to a point of marsh			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	5	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Lower Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Dutchman Creek Outlet Channel	18-88-9-3-3	SA;HQW	78.3	S Acres
5419	From Intracoastal waterway to Dutchman Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	5	Exceeding Criteria

Intracoastal Waterway	18-88-9a	SA;HQW	222.5	S Acres
5404	From Channel Marker F1, R. "22" to Dutchmans Creek outlet channel			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	5	Exceeding Criteria

Intracoastal Waterway	18-88-9b	SA;HQW	96.6	S Acres
5403	From Dutchmans Creek outlet channel to mouth of Cottage Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Shellfish Growing Area Status (Fecal, SH, SA)	5	Exceeding Criteria

Cape Fear River Basin	03030006	Black
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Beaverdam Swamp	18-68-1-1	C;Sw	6.4	FW Miles
4830	From source to Great Coharie Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Black

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Bearskin Swamp (Turlington Millpond)	18-68-1-17-1	C;Sw	14.5	FW Miles
4846	From source to Little Coharie Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Aldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1	Meeting Criteria
Dissolved Oxygen (NA, AL, swamp)	3a	Data Inconclusive
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	1	Meeting Criteria
Hexachlorobutadiene (18 µg/l, AL, FW)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	3a	Data Inconclusive
Mirex (0.001 µg/l, AL, FW)	1	Meeting Criteria
PAHs (0.0311 µg/l, AL, FW)	1	Meeting Criteria
Parathion (0.013Sul µg/l, AL, FW)	1	Meeting Criteria
PCB (0.064 ng/l, HH, NC)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Tetrachloroethane, 1,1,2,2- (4 µg/l, HH, FW)	1	Meeting Criteria
Tetrachloroethylene (3.3 µg/l, HH, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Black

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
	Toluene (11 µg/l, AL, FW)	1		Meeting Criteria
	Toxaphene (0.0002 µg/l, AL, FW)	1		Meeting Criteria
	Trichloroethylene (30 µg/l, AL, FW)	1		Meeting Criteria
	Turbidity (50 NTU, AL, FW miles)	1		Meeting Criteria
	Vinyl Chloride (2.4 µg/l, AL, FW)	1		Meeting Criteria
	Water Temperature (32°C, AL, LP&CP)	1		Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Black

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Caesar Swamp (Williams Lake)	18-68-1-17-4	B;Sw	3.2	FW Miles
4853	From source to dam at Williams Lake			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Aldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1	Meeting Criteria
Dissolved Oxygen (NA, AL, swamp)	3a	Data Inconclusive
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	1	Meeting Criteria
Hexachlorobutadiene (18 µg/l, AL, FW)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	1	Meeting Criteria
Mirex (0.001 µg/l, AL, FW)	1	Meeting Criteria
PAHs (0.0311 µg/l, AL, FW)	1	Meeting Criteria
Parathion (0.013Sul µg/l, AL, FW)	1	Meeting Criteria
PCB (0.064 ng/l, HH, NC)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	3a	Data Inconclusive
pH (9.0, AL, FW)	1	Meeting Criteria
Tetrachloroethane, 1,1,2,2- (4 µg/l, HH, FW)	1	Meeting Criteria
Tetrachloroethylene (3.3 µg/l, HH, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Black

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Little Coharie Creek	18-68-1-17a2	C;Sw	8.4	FW Miles
13653	From 1.7 upstream of Howard Pond to SR 1240			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

Little Coharie Creek (Sinclair Lake)	18-68-1-17b	C;Sw	12.2	FW Miles
4843	From SR 1240 to Great Coharie Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Black

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Black Lake (Bay Tree Lake)	18-68-17-1-1	C;Sw	1,454.5	FW Acres
4923	From source to Lake Drain			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria

Singletery Lake	18-68-17-5-1	B;Sw	576.1	FW Acres
4928	From source to Lake Drain			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	5	Exceeding Criteria

Moores Creek	18-68-18a1	C;Sw	7.3	FW Miles
13512	From source to White Oak Branch			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Black

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Moores Creek	18-68-18a2	C;Sw	5.7	FW Miles
13659	From White Oak Branch to Buxton Branch			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Moores Creek	18-68-18b	C;Sw	9.9	FW Miles
4931	From Buxton Branch to Black River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Great Coharie Creek (Blackmans Pond)	18-68-1a	C;Sw	9.1	FW Miles
13510	From source to Sevenmile Swamp			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Black

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
Great Coharie Creek (Blackmans Pond)	18-68-1b	C;Sw	33.5	FW Miles
13654 From Sevenmile Swamp to Black River				

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria
Dissolved Oxygen (NA, AL, swamp)	3a	Data Inconclusive

Six Runs Creek	18-68-2-(0.3)	C;Sw	15.9	FW Miles
13655 From Gillmore Swamp to Quewiffle Swamp				

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Black

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Six Runs Creek	18-68-2-(11.5	C;Sw,ORW:+	11.7	FW Miles
4957	From Quewiffle Swamp to Black River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

Stewarts Creek	18-68-2-10	C;Sw	15.5	FW Miles
4963	From source to Six Runs Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Sikes Mill Run	18-68-2-10-4	C;Sw	1.7	FW Miles
4969	From source to Stewarts Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Black

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

Crane Creek	18-68-2-12	C;Sw	9.1	FW Miles
4972	From source to Six Runs Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

Lyon Creek	18-68-22-1	C;Sw	1.4	FW Miles
4984	From source to Lyon Thorofare			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

Black River	18-68a	C;Sw,ORW:+	31.9	FW Miles
4826	From source to Subasin 19/20 boundary			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Black

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
Black River	18-68b	C;Sw,ORW:+	40.5	FW Miles
4825 From Subbasin 19/20 boundary to Cape Fear River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Dissolved Oxygen (NA, AL, swamp)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	3a	Data Inconclusive
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive
Aldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1	Meeting Criteria
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1	Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	1	Meeting Criteria
Hexachlorobutadiene (18 µg/l, AL, FW)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	1	Meeting Criteria
Mirex (0.001 µg/l, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Black

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
	PAHs (0.0311 µg/l, AL, FW)	1		Meeting Criteria
	Parathion (0.013Sul µg/l, AL, FW)	1		Meeting Criteria
	PCB (0.064 ng/l, HH, NC)	1		Meeting Criteria
	Tetrachloroethane, 1,1,2,2- (4 µg/l, HH, FW)	1		Meeting Criteria
	Tetrachloroethylene (3.3 µg/l, HH, FW)	1		Meeting Criteria
	Toluene (11 µg/l, AL, FW)	1		Meeting Criteria
	Toxaphene (0.0002 µg/l, AL, FW)	1		Meeting Criteria
	Trichloroethylene (30 µg/l, AL, FW)	1		Meeting Criteria
	Vinyl Chloride (2.4 µg/l, AL, FW)	1		Meeting Criteria
	Iron (1000 µg/l, Natural, FW)	3z1		Data Inconclusive
	Copper (7 µg/l, AL, FW)	1		Meeting Criteria
	Zinc (50 µg/l, AL, FW)	1		Meeting Criteria
	Nickel (88 µg/l, AL, FW)	1		Meeting Criteria
	Cadmium (2 µg/l, AL, FW)	1		Meeting Criteria
	Arsenic (10 µg/l, HH, NC)	1		Meeting Criteria
	Lead (25 µg/l, AL, NC)	1		Meeting Criteria
	Arsenic (50 µg/l, AL, NC)	1		Meeting Criteria
	Dissolved Oxygen (NA, AL, swamp)	3a		Data Inconclusive

Cape Fear River Basin

03030007

Northeast Cape Fear

NORTH CAROLINA 2022 INTEGRATED REPORT

Northeast Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Northeast Cape Fear River	18-74-(1)a	C;Sw	3.4	FW Miles
5037	From source to SR 1558			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Chloride (230 mg/l, AL, FW)	4v	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	3a	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	3a	Data Inconclusive
Dissolved Oxygen (NA, AL, swamp)	3a	Data Inconclusive

Northeast Cape Fear River	18-74-(1)b	C;Sw	2.7	FW Miles
5036	From SR 1558 to NC 403			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Dissolved Oxygen (NA, AL, swamp)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Northeast Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Northeast Cape Fear River		18-74-(29.5)	C;Sw	35.7 FW Miles
5039	From Rock Fish Creek to NC Hwy 210			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	3a	Data Inconclusive
Aldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Chlordane (0.0008 µg/l, AL, FW)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1	Meeting Criteria
DDT 4,4 (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria
Dieldrin (0.00005 µg/l, AL, FW)	1	Meeting Criteria
Endosulfan (0.05 µg/l, AL, FW)	1	Meeting Criteria
Endrin (0.002 µg/l, AL, FW)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	1	Meeting Criteria
Hexachlorobutadiene (18 µg/l, AL, FW)	1	Meeting Criteria
Lindane (0.01 µg/l, AL, FW)	1	Meeting Criteria
Methoxychlor (0.03 µg/l, AL, FW)	1	Meeting Criteria
Mirex (0.001 µg/l, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Northeast Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		3z1		Data Inconclusive
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria
		1		Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Northeast Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Northeast Cape Fear River	18-74-(47.5)	B;Sw	15.6	FW Miles
5040	From NC Hwy 210 to Princes George Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria
Dissolved Oxygen (NA, AL, swamp)	3a	Data Inconclusive

Northeast Cape Fear River	18-74-(52.5)	C;Sw	12.4	FW Miles
5041	From Prince George Creek to mouth of Ness Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria
Dissolved Oxygen (NA, AL, swamp)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Northeast Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Northeast Cape Fear River		18-74-(61)	SC;Sw	375.6 S Acres
5042	From mouth of Ness Creek to Cape Fear River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Dissolved Oxygen (5 mg/l, AL, SW)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (8.5, AL, SW)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria
Arsenic (10 µg/l, HH, NC)	3a	Data Inconclusive

Panther Creek	18-74-19-3b	C;Sw	1.8	FW Miles
5086	From NC 50 to Goshen Swamp			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

Goshen Swamp	18-74-19a	C;Sw	16.6	FW Miles
5060	From source to Bear Swamp			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	5	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Northeast Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units		
Cabin Creek	18-74-23-2	B;Sw	4.0		FW Miles		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">5114</td> <td style="width: 95%;">From source to Limestone Creek</td> </tr> </table>						5114	From source to Limestone Creek
5114	From source to Limestone Creek						

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (25 NTU, AL, FW acres & SW)	1	Meeting Criteria
Chlorophyll a (40 µg/l, AL, NC)	3a	Data Inconclusive

Stockinghead Creek	18-74-24	C;Sw	11.2	FW Miles		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">5116</td> <td style="width: 95%;">From source to Northeast Cape Fear River</td> </tr> </table>					5116	From source to Northeast Cape Fear River
5116	From source to Northeast Cape Fear River					

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fish Community (Nar, AL, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400 5 in 30, REC, FW)	5	Exceeding Criteria

Maxwell Creek	18-74-24-1	C;Sw	16.7	FW Miles		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">5117</td> <td style="width: 95%;">From source to Stockinghead Creek</td> </tr> </table>					5117	From source to Stockinghead Creek
5117	From source to Stockinghead Creek					

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Fecal Coliform (GM 200/400 5 in 30, REC, FW)	5	Exceeding Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Northeast Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				
UT to Stockinghead Creek 4	18-74-24ut4		1.4		FW Miles
13860	From source to Northeast Cape Fear River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400 5 in 30, REC, FW)	5	Exceeding Criteria

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				
UT to Stockinghead Creek 5	18-74-24ut5		1.4		FW Miles
13861	From source to Northeast Cape Fear River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Turbidity (50 NTU, AL, FW miles)	3a	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400 5 in 30, REC, FW)	5	Exceeding Criteria

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				
Muddy Creek	18-74-25	C;Sw	14.0		FW Miles
5121	From source to Morteast Cape Fear River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	5	Exceeding Criteria
Fish Community (Nar, AL, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				
Island Creek	18-74-27	C;Sw	11.4		FW Miles
5131	From source to Northeast Cape Fear River				

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Fish Community (Nar, AL, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Northeast Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Murpheys Creek	18-74-29-0.5	C;Sw	4.1	FW Miles
5139	From source to Rock Fish Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

Little Rock Fish Creek (Boney Mill Pond)	18-74-29-6	C;Sw	3.0	FW Miles
5155	From source to Rock Fish Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	3a	Data Inconclusive
Fish Community (Nar, AL, FW)	3a	Data Inconclusive
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

Rock Fish Creek (New Kirk Pond)	18-74-29b1	C;Sw	1.6	FW Miles
13516	From NC 41 to Doctors Creek SR 1165			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Northeast Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Rock Fish Creek (New Kirk Pond)	18-74-29b2	C;Sw	3.9	FW Miles
13658	From Doctors Creek to SR 1165			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

Rock Fish Creek (New Kirk Pond)	18-74-29c	C;Sw	3.4	FW Miles
5136	From SR 1165 to Little Rockfish Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Northeast Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			

Rock Fish Creek (New Kirk Pond)	18-74-29d	C;Sw	4.7	FW Miles
5137	From Little Rockfish Creek to Northeast Cape Fear River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
Chloride (230 mg/l, AL, FW)	1	Meeting Criteria
Flouride (1.8 mg/l, AL, FW)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

Shelter Swamp Creek	18-74-33-2-2	C;Sw	13.3	FW Miles
5168	From source to Sandy Run Swamp			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Northeast Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length	Area	AU Units
AU ID	Description				

Angola Creek	18-74-33-3	C;Sw	6.5	FW Miles	
5169	From source to Holly Shelter Creek				

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Dissolved Oxygen (4 mg/l, AL, FW)	3a	Data Inconclusive
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	3a	Data Inconclusive

NORTH CAROLINA 2022 INTEGRATED REPORT

Northeast Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Mill Pond	18-74-33-5	C;Sw	2.4	FW Miles
5174	From source to Holly Shelter Creek			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Mercury (0.012 µg/l, FC, FW)	1	Meeting Criteria
Lead (25 µg/l, AL, NC)	1	Meeting Criteria
Arsenic (10 µg/l, HH, NC)	1	Meeting Criteria
Beryllium (6.5 µg/l, AL, NC)	1	Meeting Criteria
Cadmium (2 µg/l, AL, FW)	1	Meeting Criteria
Copper (7 µg/l, AL, FW)	1	Meeting Criteria
Nickel (88 µg/l, AL, FW)	1	Meeting Criteria
Zinc (50 µg/l, AL, FW)	1	Meeting Criteria
Arsenic (50 µg/l, AL, NC)	1	Meeting Criteria
Toxaphene (0.0002 µg/l, AL, FW)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
Iron (1000 µg/l, Natural, FW)	3z1	Data Inconclusive
PCB (0.064 ng/l, HH, NC)	1	Meeting Criteria
Demeton (0.1 µg/l, AL, FW)	1	Meeting Criteria
Mirex (0.001 µg/l, AL, FW)	1	Meeting Criteria
Heptachlor (0.00008 µg/l, AL, FW)	1	Meeting Criteria
pH (4.3 su, AL, Sw)	5	Exceeding Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Parathion (0.013Sul µg/l, AL, FW)	1	Meeting Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Cyanide (5 mg/L, AL, FW)	1	Meeting Criteria
Chromium (50 µg/l, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Northeast Cape Fear

Cape Fear River Basin

AU Name	AU Number	Classification	AU Length/Area	AU Units
AU ID	Description			

Lillington Creek	18-74-42	C;Sw	5.0	FW Miles
5185	From source to Northeast Cape Fear River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
pH (4.3 su, AL, Sw)	5	Exceeding Criteria
Water Temperature (32°C, AL, LP&CP)	1	Meeting Criteria
Dissolved Oxygen (4 mg/l, AL, FW)	1	Meeting Criteria
pH (9.0, AL, FW)	1	Meeting Criteria
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Benthos (Nar, AL, FW)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

Harrisons Creek	18-74-49	C;Sw	7.4	FW Miles
5190	From source to Northeast Cape Fear River			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Turbidity (50 NTU, AL, FW miles)	1	Meeting Criteria
Fecal Coliform (GM 200/400, REC, FW)	1	Meeting Criteria

Merricks Creek	18-74-49-2	C;Sw	5.3	FW Miles
5192	From source to Harrisons Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

UT to Island Creek	18-74-50ut1		1.4	FW Miles
13457	From source to Island Creek			

2022 Water Quality Assessments

PARAMETER	IR CATEGORY	CRITERIA STATUS
Benthos (Nar, AL, FW)	1	Meeting Criteria

NORTH CAROLINA 2022 INTEGRATED REPORT

Coastal Carolina

Cape Fear River Basin

AU Name	AU Number	Classification	AU LengthArea	AU Units
AU ID	Description			
Atlantic Ocean	99-(2)	SB	5.6	Atlantic C
12920	49 Street SE in Long Beach to the mouth of the Cape Fear River			

2022 Water Quality Assessments		
PARAMETER	IR CATEGORY	CRITERIA STATUS
Enterrococcus (GM 35 5 in 30, REC, SW)	1	Meeting Criteria