

Draft NC DWR Integrated Report February 1, 2020 Falls Lake Upstream of Highway 50

| 2020 AU's | Stations (2018) | Description | 2020 Draft IR |
|--------------|---|--|--|
| 27-(1) | NEU013 FL85C FL4 | From source (Eno and Flat River Arms) to I-85 bridge | Turbidity Exceeding Criteria (5) No Chlorophyll-a assessment |
| 27-(5.5)a | NEU013B | From I 85 bridge to Panther Creek | Turbidity Exceeding Criteria (5) Chlorophyll-a Exceeding Criteria (4b) |
| 27-(5.5)b1 | NEU0171B LLC01 FL6C FL10C FL6 | From Panther Cr to Ledge Creek Arm | Turbidity Data Inconclusive (3a) Chlorophyll-a Exceeding Criteria (4b) |
| 27-(5.5)b2 | LC01 | Ledge Creek Arm | Turbidity Meeting Criteria (1) Chlorophyll-a Data Inconclusive (3b) |
| 27-(5.5)b3 | NEU018C NEU018E FL9C | From Ledge Creek Arm to Lick Creek Arm | Turbidity Data Inconclusive (3a) Chlorophyll-a Data Inconclusive (3b) Chlorophyll-a Exceeding Criteria w/ Stat Conf (4b) |
| 27-(5.5)b4a | LI01 LC1 | Lick Creek Arm | Turbidity Data Inconclusive (3a) Chlorophyll-a Exceeding Criteria w/ Stat Conf (4b) |
| 27-(5.5)b4b1 | FL50C | From Lick Creek Arm to Highway 50 Bridge | Turbidity Data Inconclusive (3a) Chlorophyll-a Exceeding Criteria w/ Stat Conf (4b) |

Draft NC DWR Integrated Report February 1, 2020 Falls Lake Downstream of Highway 50

| | 2020 AU's | Stations (2018) | Description | 2020 Draft IR |
|----------------------------------|------------------------|--|---|---|
| | 27-(5.5)b4b2 | NEU019E | From Highway 50 Bridge to New Light Creek Segment | Turbidity Data Inconclusive (3a) Chlorophyll-a Exceeding Criteria w/ Stat Conf (4b) |
| | 27-(5.5)b4c | FL8C | New Light Creek Segment | Turbidity Data Inconclusive (3a) Chlorophyll-a Data Inconclusive (1b) |
| New Segment? | 27-(5.5)b4d1 | ??? | From New Light Creek Seg. to Lower Barton Creek Arm | Turbidity Data Inconclusive (3a) Chlorophyll-a Exceeding Criteria w/stat conf. (4b) |
| New Segment? | 27-(5.5)b4d2 | ??? | From Lower Barton Cr Arm. (to) Falls Dam | Turbidity Data Inconclusive (3a) Chlorophyll-a Meeting Criteria w/stat conf. (1) |
| Segment Divided in 2020 ? | 27-(5.5)b4d | NEU019L NEU019P NEU020D FL11C FL1C FL7C | From New Light Creek Seg. to Falls Dam | Segment Divided in 2020 |
| | 27-(5.5)b4e | FL11C | Lower Barton Creek Arm | Chlorophyll-a Data Inconclusive (3b) |

February 1, 2021 DWR Draft Integrated Report Summary Falls Lake Assessment

- Data Assessment Time Period 2014 through 2018
- Upper Lake above Highway 50
Assessment Units (segments) were similar to 2018 Final Report
- Lower Lake below Highway 50
Changed 2018 Assessment Unit 27-(5.5)b4d - New Light Creek to Falls Dam
Assessment Unit was divided into two new assessment units
 - 27-(5.5)b4d1 - New Light Creek to Lower Barton Creek Arm (4b)
 - 27-(5.5)b4d2 - Lower Barton Cr Arm to Falls Dam (1)
- DWR Comment Period 60 days. Due no later than April 2, 2021