

EXHIBIT 6

2018 AMENDMENT TO THE VERIFIED LIST OF IMPAIRED WATERS,
GROUP 2 MIDDLE ST. JOHNS BASIN

Middle St. Johns Group 2 Basin - Central District - 2018 Amendments to the Delist List

OGC Case Number	Planning Unit	WBID	Waterbody Name	Waterbody Type	Waterbody Class ¹	Parameters Assessed Using the Impaired Surface Waters Rule (IWR)	[†] Previous Cycle Summary Assessment Category ²	[†] Cycle 4 Assessment Category ³	[†] Integrated Report Category Summary Assessment	Summary Assessment Status	Planning Period Assessment Data ⁴	Verified Period Assessment Data ⁴	Comments
18-0871	Lake Jesup	2997B	Lake Howell	Lake	3F	Biology	5	4e	4e	Delist (Ongoing Restoration Activities)	LVI (n=2) Big Mean (39) Mean 1 (45), Mean 2 (32)	LVI (n=1) Big Mean (33) Mean 1 (33), Mean 2 (No Data)	This waterbody is impaired for this parameter based on failing bioassessments; however, it is being placed in category 4e (Ongoing Restoration Activities) because there are ongoing restoration activities to address the biological and nutrient impairments. The Lake Howell Management Plan submitted to the department by the Seminole County Watershed Management Division includes pollutant control measures to address the impairments in the Lake Howell watershed. The department is removing this parameter from the Verified List, but it will remain on the 303(d) List.
18-0872	Lake Jesup	2997B	Lake Howell	Lake	3F	Nutrients (Chlorophyll-a)	5	4e	4e	Delist (Ongoing Restoration Activities)	AGM(s) 2010 (23 µg/L) 2011 (17 µg/L) 2012 (24 µg/L) 2013 (13 µg/L) 2014 (10 µg/L) 2015 (16 µg/L) 2016 (20 µg/L)	AGM(s) 2012 (24 µg/L) 2013 (10) 2014 (11 µg/L) 2015 (11 µg/L) 2016 (11 µg/L) 2017 (19 µg/L)	This waterbody is impaired for this parameter because the annual geometric means exceeded the criterion more than once in a three year period during the previous cycle assessment. However, it is being placed in category 4e (Ongoing Restoration Activities) because there are ongoing restoration activities to address the biological and nutrient impairments. The Lake Howell Management Plan submitted to the department by the Seminole County Watershed Management Division includes pollutant control measures to address the impairments in the Lake Howell watershed. The department is removing this parameter from the Verified List, but it will remain on the 303(d) List.

¹ Florida's waterbody classifications are defined as:

- 1 - Potable water supplies
- 2 - Shellfish propagation or harvesting
- 3F - Recreation, propagation, and maintenance of a healthy, well-balanced population of fish and wildlife in fresh water
- 3M - Recreation, propagation, and maintenance of a healthy, well-balanced population of fish and wildlife in marine water
- 4 - Agricultural water supplies
- 5 - Navigation, utility, and industrial use

² The Cycle 1 assessment was completed in 2003 and included data from that Verified Period (January 1, 1996 through June 30, 2003).

The Cycle 2 assessment was completed in 2008 and includes data from the Verified Period (January 1, 2001 through June 30, 2008).

The Cycle 3 assessment is the current assessment and includes data from the Planning Period (January 1, 2002 through December 31, 2011) and the Verified Period (January 1, 2007 through June 30, 2014).

³ The Cycle 4 assessment is the current assessment and includes data from the Planning Period (January 1, 2007 through December 31, 2016) and the Verified Period (January 1, 2012 through June 30, 2019).

[†] EPA's Integrated Report Category:

- 1 - Attains all designated uses.
- 2 - Attains some designated uses and insufficient or no information or data are present to determine if remaining uses are attained.
- 3a - No data and information are present to determine if any designated use is attained.
- 3b - Some data and information are present but not enough to determine if any designated use is attained.
- 3c - Enough data and information are present to determine that one or more designated uses may not be attained according to the Planning List methodology.
- 4a - Impaired for one or more designated uses but does not require TMDL development because a TMDL has already been completed.
- 4b - Impaired for one or more designated uses but does not require TMDL development because the water will attain water quality standards due to existing or proposed measures.
- 4c - Impaired for one or more criteria or designated uses but does not require TMDL development because impairment is not caused by a pollutant.
- 4d - Waterbody indicates nonattainment of water quality standards, but the Department does not have enough information to determine a causative pollutant; or current data show a potentially adverse trend in nutrients or nutrient response variables; or there are exceedances of stream nutrient thresholds, but the Department does not have enough information to fully assess nonattainment of the stream nutrient standard.
- 4e - Waterbody indicates nonattainment of water quality standards and pollution control mechanisms or restoration activities are in progress or planned to address nonattainment of water quality standards, but the Department does not have enough information to fully evaluate whether proposed pollution mechanisms will result in attainment of water quality standards.
- 5 - Water quality standards are not attained and a TMDL is required.

⁴ Where data are presented as x/y, x represents the number of exceedances and y represents the total number of samples;

except for "Fecal Coliform (3)", where x represents the number of stations where the median value was exceeded, and y represents the total number of stations that have sufficient data to calculate the median value in the WBID.

Abbreviations: WBID - Waterbody Identification; NA - Not Applicable, does not apply, or was not assessed in the previous cycle (i.e. it's a new WBID, waterbody type change, etc.);

ENR - Estuary Nutrient Region; AAM - Annual Arithmetic Mean; AGM - Annual Geometric Mean; LTA - Long Term Average; LTAAM - Long Term Annual Arithmetic Mean. Q1 - Quarter 1; Q2 - Quarter 2; Q3 - Quarter 3; Q4 - Quarter 4.

The Group 2 Middle St. Johns River 2018 Amendment Delist List is based on IWR Run 54_2 and the Impaired Waters Rule (IWR), Chapter 62-303, Florida Administrative Code, with the effective date of February 17, 2016.