WHEREAS, the Rice Creek Watershed District (RCWD) constructed an outlet control structure on Halls Marsh in 1979-80 as a basic water management component to the Priebe Lake Outfall Project (District Project #76-11-1); and

WHEREAS, the Board established the project by order dated May 30, 1979, and further modified the project by order dated November 20, 1980, to recognize the Halls Marsh outlet control structure and the overall Halls Marsh component of the project as a basic water management project of the District; and

WHEREAS, the supplemental order acknowledged the benefits to the District from the basic water management project and directed assessment of costs for the project component. The District currently recognizes the Halls Marsh outlet control structure as a “District Facility”; and

WHEREAS, landowners adjacent to Halls Marsh have requested maintenance of the structure to relieve high water levels on Halls Marsh; and

WHEREAS, the engineer filed a report, dated February 3, 2016, concluding that the structure is failing or in a state of disrepair so that it does not perform the purpose for which it was constructed; and

WHEREAS, the engineer has supplemented its report with a technical memorandum dated November 3, 2016, providing additional detail of the impacts of recommended alternative repair options, providing costs for the repair options and recommending a contractor to perform the work; and

WHEREAS, the engineer recommends first jetting the low water outlet component for the structure to determine which repair option is best suited for site conditions and then, based on conditions, either curing the structure with a plastic liner or slip-lining the structure with a pipe of smaller diameter than existing; and

WHEREAS, the engineer has modeled the impacts of the two repair alternatives to determine whether any appreciable change will occur in water levels in the 2-, 10- and 100-year (24 hour duration) rainfall events; and

WHEREAS, the engineer has concluded that the difference in water levels between either repair options and the original construction is less than .1 foot and that both repair options will limit water elevations to original design elevations; and

WHEREAS, the cure-in-place and slip-line repair options present the least risk to communications, water and wastewater infrastructure installed in proximity to the structure; and
WHEREAS, Landowners adjacent to Halls Marsh have expressed concern that the proposed repair alternatives will result in higher water levels in Halls Marsh and are requesting in-kind replacement of the current structure. However, the engineering analysis does not indicate higher water levels due to either recommended repair option and there is significant risk of damage to public infrastructure presented by the in-kind replacement option.

THEREFORE BE IT RESOLVED, that the RCWD Board of Managers authorizes repair of the Halls Marsh outlet control structure according to the engineer’s recommendations contained in the November 3, 2016 technical memorandum; and

FURTHER, the President is authorized to execute contracts, if necessary to secure the work; and

FURTHER, the work may proceed upon receipt of required regulatory approvals.

The question on the adoption of the Resolution and there were 5 yea and 0 nay as follows:

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Upon vote, the Chair declared the Resolution passed.

Dated: November 9, 2016

Michael J. Bradley, Secretary

* * * * * * * * * * *

I, Michael J. Bradley, Secretary of the Rice Creek Watershed District, do hereby certify that I have compared the above resolution with the original thereof as the same appears of record and on file with the District and find the same to be a true and correct transcript thereof.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of November, 2016.

Michael J. Bradley, Secretary