MEETING DATE: June 12, 2017
AGENDA NUMBER: 10
ITEM: Water Education Grant – Pond Monitoring at Legacy Christian Academy in Andover

POLICY IMPACT: Policy
FISCAL IMPACT: Budgeted

REQUEST
Receive Water Education grant 16-02 Summary Report for funding the purchase of water quality testing supplies by the Science department at Legacy Christian Academy on Bunker Blvd in Andover.

BACKGROUND
On 2/29/16 Jody Shank, Science Teacher for Legacy Christian Academy, applied for a $800 Water Education grant to cover the purchase of water testing equipment with the goal to compare the school campus pond before and after planting a 600 square-foot garden of deep-rooted pollinator-friendly plants along the north edge of the pond to see if it affects water quality. Students would record and graph changes in the water during the project year and in future years, as the garden would expand.

After a review of the proposal, staff found that the pond is collecting runoff primarily from Bunker Blvd and secondarily from the sports fields behind the school and church buildings. The garden would not be intercepting much stormwater and have negligible impact on the pond.

Instead, Ms. Shank determined that the class could test for chlorides due to the Bunker Blvd runoff, and nitrogen or phosphorus from the sports fields. Also, besides testing the pond the students would test at the outlet going to Crooked Lake. This could give some data on the effectiveness of the treatment coming from this pond.

The grant was awarded at the March 28, 2016, CCWD Board meeting for funding up to $800 for water quality supplies with a stipulation requested by the Board to have a presentation of the results.

RECOMMENDATION
Receive the Summary report presentation for Water Education grant 16-02 as given by the teacher, Jody Shank, and a student who participated in the water quality testing project.