

Project Status Report: CEE-2016CPST-003: LID Approach Effectiveness & Functionality

Team Members: Treyton Moore, Jingwen He, Kevin Liang

Date: 3/31/2017

<p>1) Summary of technical/non-technical challenges encountered</p> <ul style="list-style-type: none">• When we went to the last site visit we a dug open a R-tank they had installed. We were going to measure the silt build up in the R-tank. Unfortunately the R-tank was not installed correctly, therefore it was deemed not valid.• We planned additional site visit and it too was collapsed because it was installed incorrectly.• To model storms, we were told we will have to learn how to use WMS. Unfortunately learning WMS would require a lot of time.	<p>2) Team approaches/resolutions to overcome challenges</p> <ul style="list-style-type: none">• Another site visit has been rescheduled to measure silt build up.• No more site visits needed.• It was decided that we will calculate storms by using a more simple method. Instead of using WMS we will be using a formula from a hydrology book.
<p>3) Status of challenge resolutions & potential project impacts</p> <ul style="list-style-type: none">• The need to do another site visit has made us re-adjust our schedule.• Knowing that the R-tank was placed incorrectly has given us more ideas on how to improve installation of R-tanks.• Talking to Chris's coworkers came up with an idea of how to maintain the R-tanks	<p>4) Project Status & Summary</p> <ul style="list-style-type: none">• We have most of our major calculations completed.• Though delays were encountered, due to hard work and strong communication by all, the project is still on track to be completed within the deadline.• LID improvements need to be completed.