Reclaimed Water 41626-305

Project ID  
17048

Total Authorization  
$2,100,000

PM  
Brian Kugler

CM  
AECOM Technical Services

Designers  
Contractors/CM@Risk

<table>
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<tr>
<th>Activity Name</th>
<th>BL Project Start</th>
<th>BL Project Finish</th>
<th>Start</th>
<th>Finish</th>
<th>% Complete</th>
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<tr>
<td>Advertise for Designer</td>
<td>12-Jan-17</td>
<td>10-Feb-17</td>
<td>15-Mar-17 A</td>
<td>12-Apr-17 A</td>
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<td>24-May-17 A</td>
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<td>05-Oct-18</td>
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Project Budget

Original Authorization $2,100,000  
Current Authorization $2,100,000  
Budget $2,100,000

End User/Dept

Grounds (Irrigation), RUPs, EPIC, PORTAL

Scope

The University has developed a proposed partnership with Charlotte Water to bring reclaimed water to campus from the Mallard Creek wastewater plant. This water is treated, however, not to the levels of potable drinking water - resulting in a reduced cost. This water will replace potable water currently used in chillers and boilers on campus as well as for irrigating playing fields and landscape areas. The reclaimed water will be purchased at a significantly reduced rate leading to cost savings in our utility bill.

Charlotte Water will fund and construct the line from their plant and recoup their capital costs from guaranteed water sales to the University. UNC Charlotte must fund and construct on-campus lines to get the water to regional utility plants and irrigation systems.

Total cost for the university’s on-campus improvements will be $2.1 million to be recovered by water rate savings over the life of a 30-year agreement with Charlotte Water (total savings are estimated at $9.5 million).

Past 30-90 Days

- Continued recurring design meetings.
- Charlotte Water rejected all bids for off-campus work.
- Negotiated Design Amendment for charrettes, additional survey.
- Revised and revised alignments for campus distribution network.
- Prepared and presented campus communication plan to AVC-FM

30-90 Day Look Ahead

- Continue CD design.
- Receive updated schedule from Charlotte Water.
- Visit UNC Chapel Hill on TBD date.
- Receive information on bids from Charlotte Water for their off-campus RCW line.
- Execute Design Amendment.
- Hold design charrettes with FO and Grounds to determine RCW integration measures.

Issues/Problems

Funding Source

Non-General Funds  
$2,100,000