

Project Status Report: CEEEn-2017CPST-002: Arrowhead Environmental

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<div> <div>1) Summary of technical/non-technical challenges encountered</div> <ul style="list-style-type: none"> Environmental – We have finalized a IpaC endangered species review. Our biggest challenge was interpreting the data and applying it to the four parcels owned by Fritz Realty. WETLANDS Utilities – We investigated options to connect a sewer main into the city system. The biggest challenge is finding a route across the Spanish Fork River. Deliverables – We are preparing the deliverables for the project, including a poster, a written report, a seminar presentation, and a sponsor presentation. </div>	<div> <div>2) Team approaches/resolutions to overcome challenges</div> <ul style="list-style-type: none"> Environmental – After consulting with professional engineers and conducting further research, we identified the endangered “Ladies Tresses” flower as a potential threat as it is common to this area of the Spanish Fork River. Further professional studies will need to be completed to confirm the presence of this and/or identify other potential endangered species. Utilities – Using the utilities map available on the Spanish Fork GIS webpage, we identified three potential routes for the sewer line and selected what we believe to be the most reasonable. Deliverables – We started organizing the information into sections that will focused upon in each of our deliverables. </div>
<div> <div>3) Status of challenge resolutions & potential project impacts</div> <ul style="list-style-type: none"> Environmental – The presence of endangered species and/or wetlands may impact the land development project going forward, but not on the presentation of our deliverables. Utilities – While we have selected a sewer route, a professional cost benefit analysis should still be performed, as well as checking the plan against city codes. Deliverables – As most information has been gathered, we are primarily focusing on completing the aforementioned deliverable items. </div>	<div> <div>4) Project Status & Summary</div> <ul style="list-style-type: none"> Environmental – We have completed the basic our analysis. We may conduct supplementary research as we piece together the deliverables. Utilities – We are developing the figures that will be included in our deliverables. Deliverables – The poster and seminar presentation are due April 12, 2018. The written report and sponsor presentation are due April 17. </div>