

Project Status Report: CEEEn-2018CPST-012

Report Date: 1 October 2018

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Project Title: Springville Irrigation Canal Breach Mitigation

1) Summary of technical/non-technical challenges encountered

- Canal Breach location
- Public opinion opposes change
- Pond water quality
- Trail and canal crosses private property

2) Team approaches & resolutions to overcome challenges

- Canal Breach – cost benefit analysis of 4 options presented
- Public opinion opposes change – include the weight of public opinion on cost benefit analysis
- Pond water quality – determine means and cost of circulating water in Wayne Bartholomew Pond
- Trail and canal crosses private property – city escort in order to view premises

3) Status of challenge resolutions & potential project impact

- Status: comprehension of problem and gathering information
- Impact: the better information gathered and problem comprehension will lead to better project analysis and public opinion

4) Project status & summary

- Sponsor meeting September 24, 2018 – met with Byron Haslam and discussed scope of project
- Site visit planned on September 28, 2018 – met Dr. Hotchkiss at Wayne Bartholomew Park at 5 pm where he explained the canal history in Springville, studied inlets and outlets of pond and walked the length of the canal, discussed property boundaries, NIMBY ideologies, and how these might affect the project
- Consider additional options – possible fifth option involving drainage pipe and/or reroute canal under neighborhood street
- Research to be done– elevation difference of canal from inlet to outlet, current flow status, easement information, physical acres to canal, public opinion through knocking doors