



# NON-POTABLE POND PUMP HOUSE



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# STRATEGIC PLAN



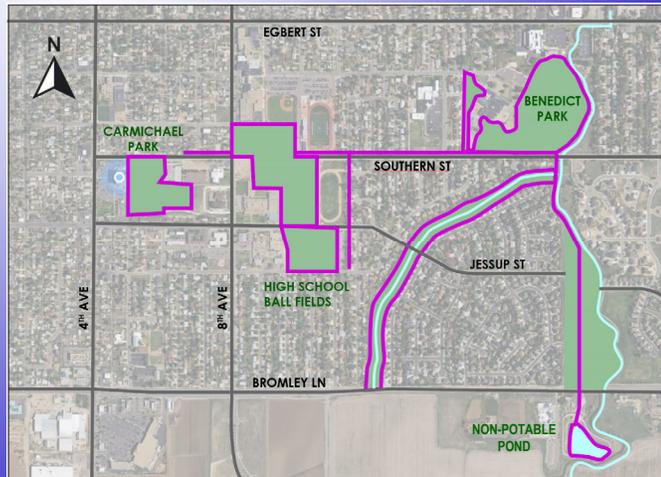
Supportive and Sustainable  
Infrastructure



Financially Responsible

# INTRODUCTION

- Non-Potable irrigation pond
- Current issues affecting operations



# PROJECT BACKGROUND

- Final completion of non-pot pond in three different phases:

Design by Respec				
		Pump Station Fabrication by EFI		
		Civil Work and Pump Station Installation by Unknown Contractor		
Q3 2019	Q4 2019	Q1 2020	Q2 2020	Q3 2020

- Respec is currently designing changes to the headgate, wet well and pump station, and access ramp into the pond
- 22 week pump station manufacturing process
- A civil contractor will be chosen at the end of Q1 to install the pump station and do the site work necessary to get this site ready for the 2021 irrigation season

## PROJECT DETAILS

- Pre-fabricated pump station



## PROJECT DETAILS

- Importance of Approving Project
  - Some parks currently using potable water
  - Potable supply is currently just below demand on peak irrigation day, need to reduce load on water treatment plant
  - Expansion of non-potable system critical to ensuring residents have enough potable water for non-irrigation uses

## BID PROCESS AND RESULTS

- Formal bid process resulted in two bids ranging from \$895,243 to \$2.1 million
- Staff determined that EFI with a cost of \$895,243 is most responsible, responsive and cost effective bid in order to get the new pumps online by 2021 irrigation season
  - This bid includes a total of 5 stainless steel pumps in a 44ft x 12ft building.

## FINAL RECOMMEDATION

- Staff believes selecting EFI for the manufacturing services for the Non-Potable Pond Pump House will accomplish the following:
  - Provide a reliable solution to the non-potable irrigation system along Southern St.
  - Help reduce the need for Potable Water to serve irrigation needs
  - Provide capacity for increased flow, reducing the need to upsize the pump station in the future

