



McKim & Creed Work Assignment No. 5

Eastside WRF Reclaimed Water Filtration System Improvements

Reclaimed Water Storage 35 MG Lake & 3.5 MG Tank



Eastside Water Reclamation Facility 35 MG Reclaimed Water Storage Lake

- **Currently:**

- Retreat lake water through entire process

- **Proposed:**

- Install filters to treat lake water



Lake Filtration System Improvements Include:

Modifications to
existing lift station
at pond

Installation of
single gravity disk
filter

Backwash pump
station

Filter effluent
pump station

Chemical feed
system

Improvements to
yard piping &
stormwater
impervious area

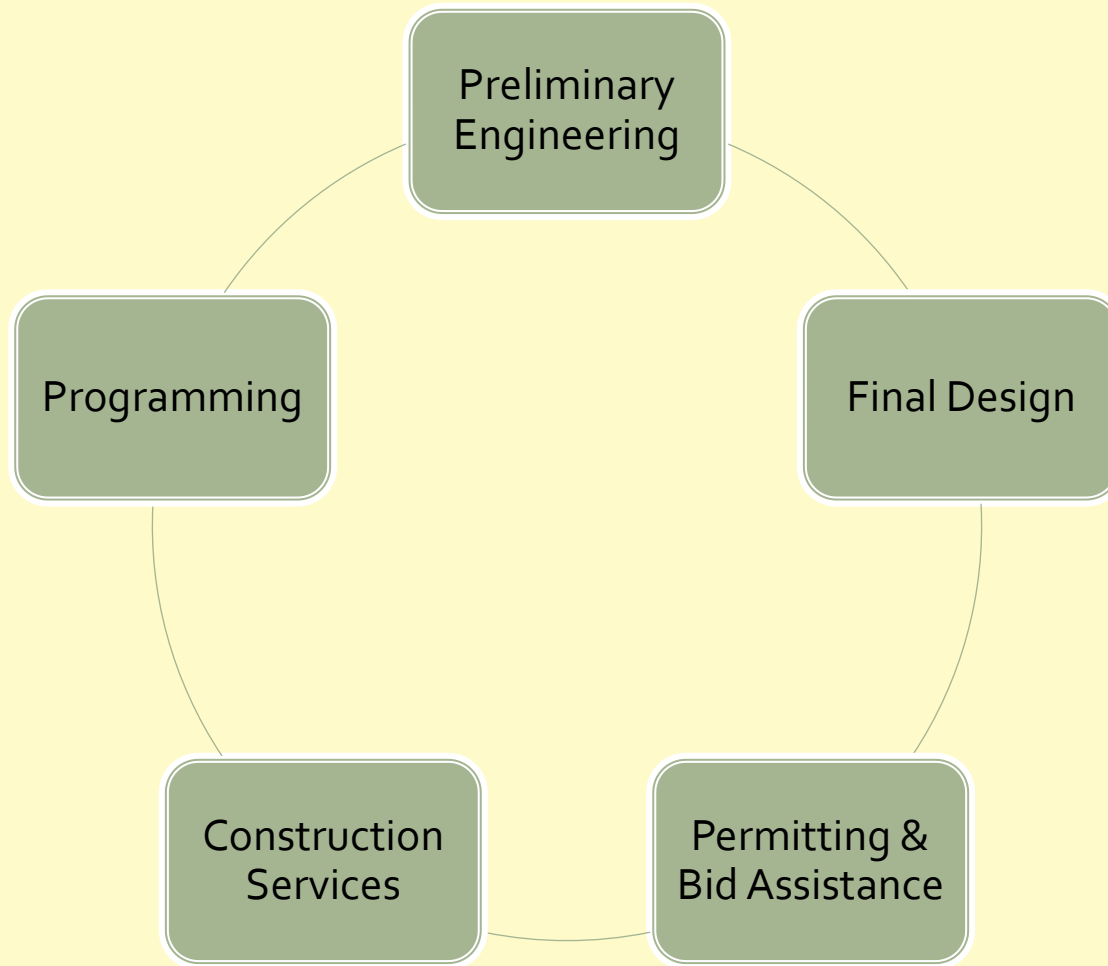
Benefits

- Energy savings experienced with alleviation of retreatment
- Improve plant operations
- Avoid potential regulatory issues
- Improve reclaimed water delivery



McKim & Creed WA No. 5

Scope of Work – Professional Engineering Services



Time and Cost

- Following the Notice To Proceed:
 - 48 Weeks for design completion, bid documents, and NTP for construction
- Professional Engineering Services Cost:
 - Lump Sum - \$299,797

Southwest Florida
Water Management
District

Cooperative Funding Initiative
Fiscal Year 2014

- \$1,560,000
Estimated for
construction
- \$780,000
Anticipated
funding from
SWFWMD

