

# City of Springville Waste Water Plant

## Phosphorus Reduction

The effluent phosphorus levels at the Springville Waste Water Treatment Plant have been above 3 mg/L for years.

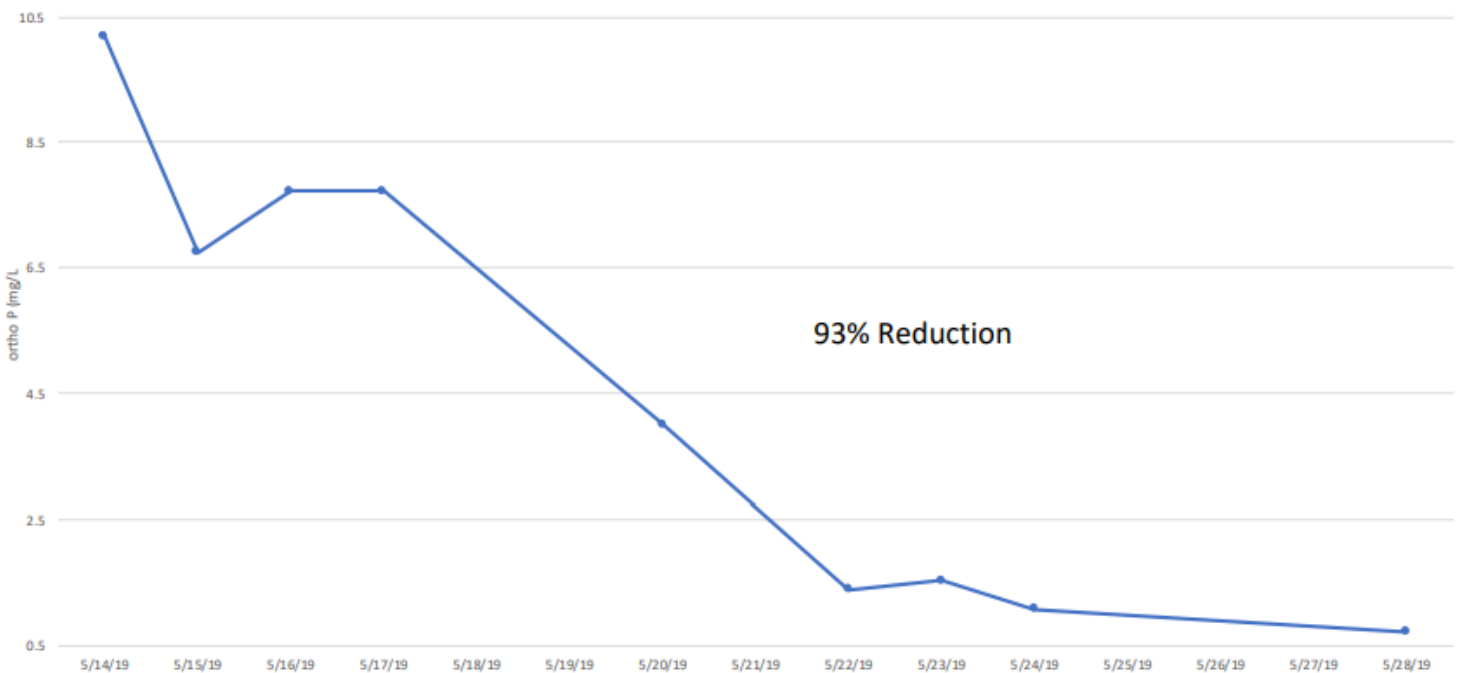
Ergofito Technologies performed a 15-day demonstration and reduced the phosphorus levels by 82% - down to 0.72 mg/L. This falls below the 1.0 mg/L 2020 TBPEL rule, making Springville the first WWTP to be compliant with the new nutrient standards.

The biological treatment required no mechanical or operational changes and was simply added to the headworks daily.



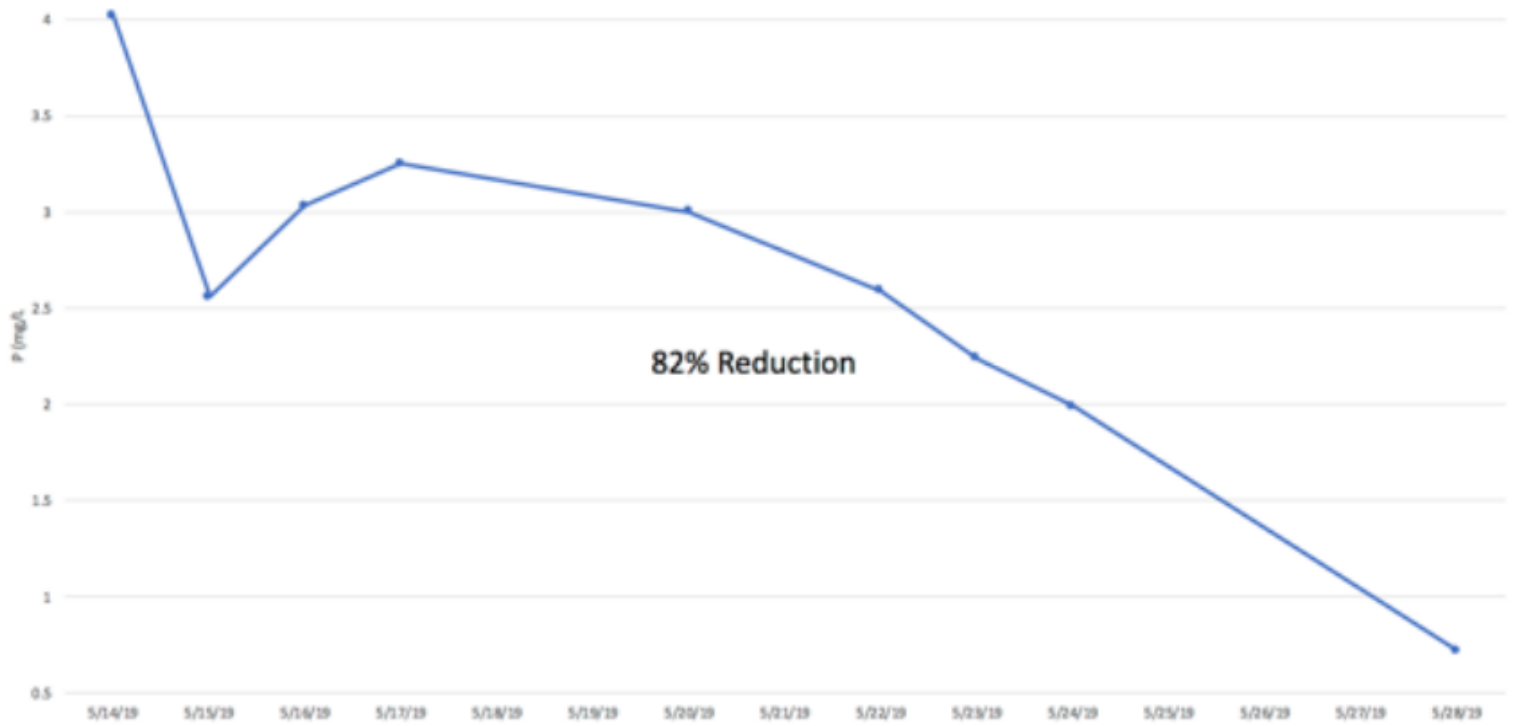
## Springville WWTP

*Ergofito Trial-Daily Soluble Reactive P*



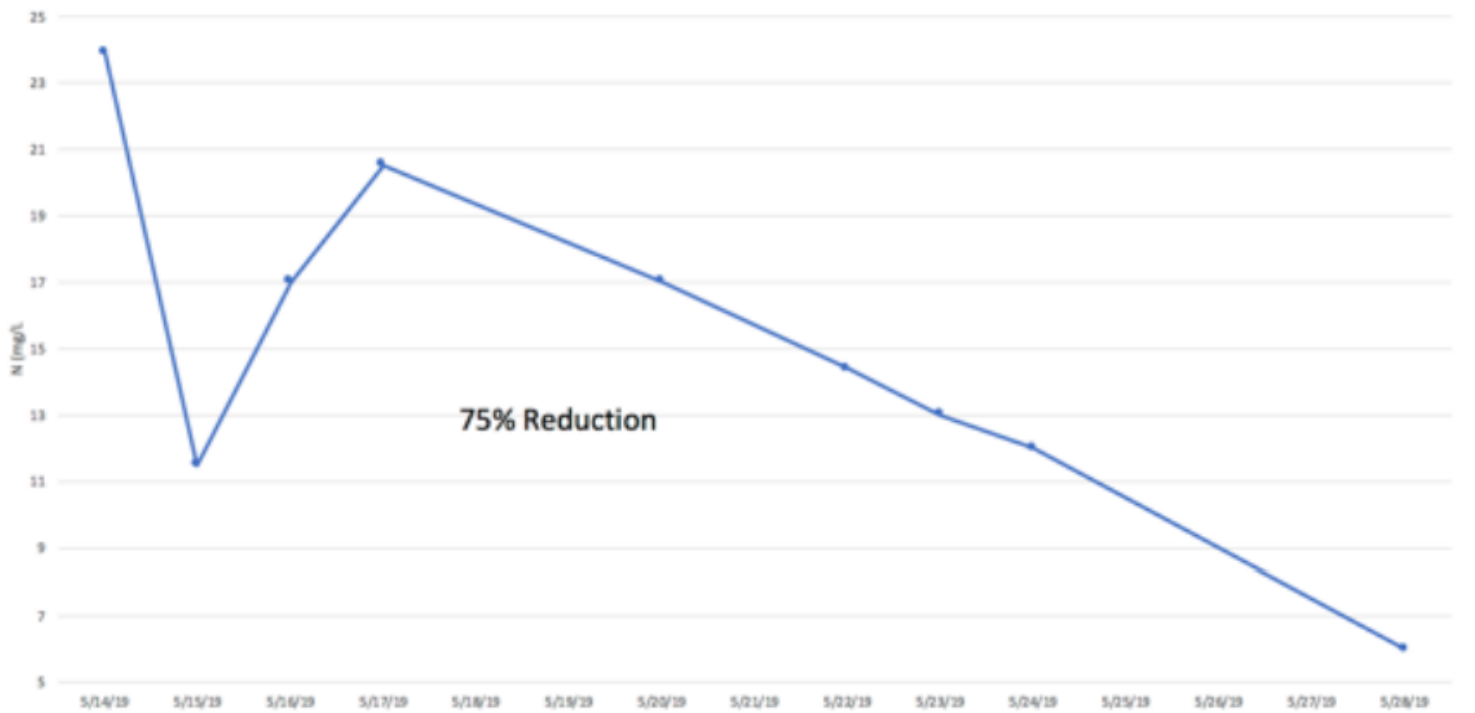
# Springville WWTP

Ergofito Trial-Total P



# Springville WWTP

Ergofito Trial-Daily Total N



# Compare Solutions

## CHEMICAL TREATMENT

- Anoxic Basin
- Chemical Precipitation
- DAF
- Est Capital \$1.7M
- Est Op Ex \$595k (*1 mg/L*)
- Est Op Ex \$1.6M (*0.1 mg/L*)

## ERGOFITO TECHNOLOGIES

- 42-Biological Enzymes
- 100% Natural & EPA Approved
- Apply Directly to Headworks
- No Capital Expenses or Upgrades
- No Long-Term Commitments
- Monthly Service Charge
- Meet 2020 Compliance in 15-days
- Meet Est 2022-2025 Compliance in 15-days