



Funding Fact Sheet

Utah Lake Harmful Algal Bloom

Total Appropriation
\$1,000,000

\$593,900 - Marina Harmful Algal Bloom Treatment

- Eutrophix/SePro Corporation treated public Marinas
- Work began August 2021 and continued into late fall
- Pre-treatment done in early summer of 2022
- 40 public marinas treated = 644 surface acres
- Division of Water Quality monitored treatments for effectiveness

Lessons Learned

- Treatments are difficult to fund due to the timing of the fiscal year. Algal blooms begin in June and continue through the fall.
- Under the right conditions treatments do work for several days.

\$406,100 - UVU Algae Harvesting Boat

- Utah Valley University constructed and operated a 36x10 foot boat on Utah Lake that filters the water and collects algae for study
 - Approximately 15 lbs of algae harvested per day
 - Approximately 8 acres of area harvested per day
- \$363,520 spent so far on the boat, supplies, and student wages
- Remaining \$42,480 will be used for continuing operations next season

Lessons Learned

Final report has not been submitted yet for this season but have received feedback from Lindon Marina that the boat has seemingly been successful

Additional Funding

\$8,056 - Emergency Procurement Lindon Marina

- July 2021 2 emergency treatments were performed by Alpine Technical Services at Lindon Marina
- Harmful algal bloom levels were dangerously high before major events occurred at Lindon Marina
- Emergency treatments allowed for events to take place rather than be cancelled for public health reasons

\$200,000 - Timpanogos Special Service District Water Quality Study

TSSD is conducting a separate water quality study, an overview
2:1 match is required, but TSSD matched more than the required amount (\$189,514)