

MIDG[®]

MICROBIAL DISCOVERY GROUP

REAL SCIENCE.

TRUSTED PROCESS.

PROVEN RESULTS.

What was done

- Dose bioaugmentation at 25lbs/day
- Surveyed monthly
 - Sonar boat (~4,000-6,000 datapoints)
 - Sludge sampled at 10 locations
- Reported results



Preliminary 4 Month Summary

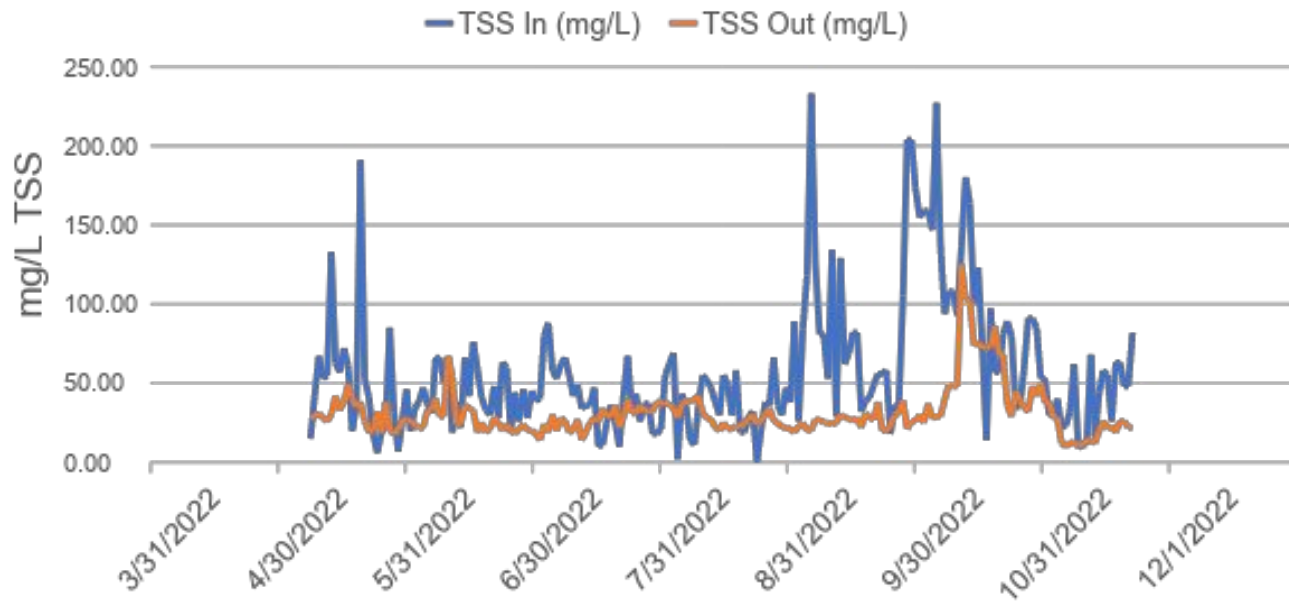
July – November

- **7.6 Inches** of sludge digested & removed
 - 1.5 million gallons restored
- **711 dry tons** of sludge digested to date
 - Trial goal for facility was 380 dry tons
 - Exceeded the removal cap by 111 tons

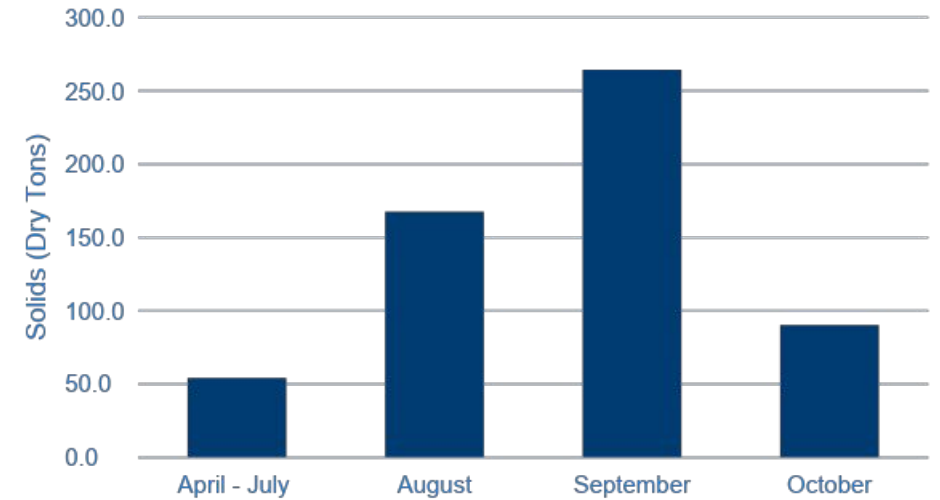


Pond Loading

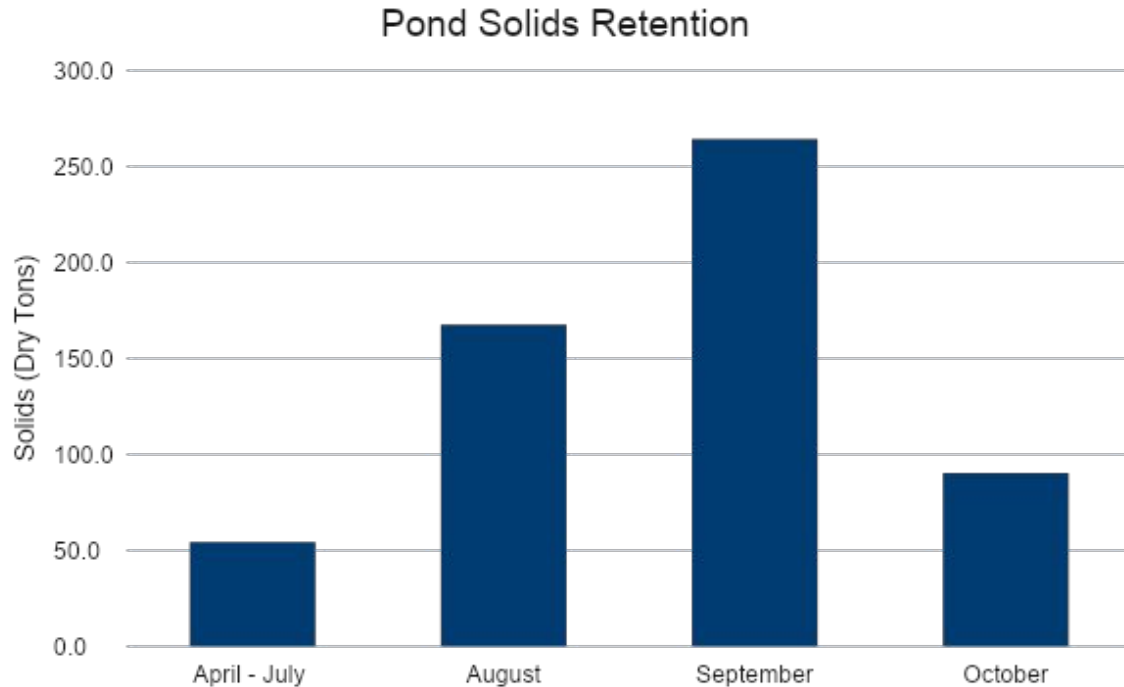
Lagoon TSS In/Out



Monthly Loading

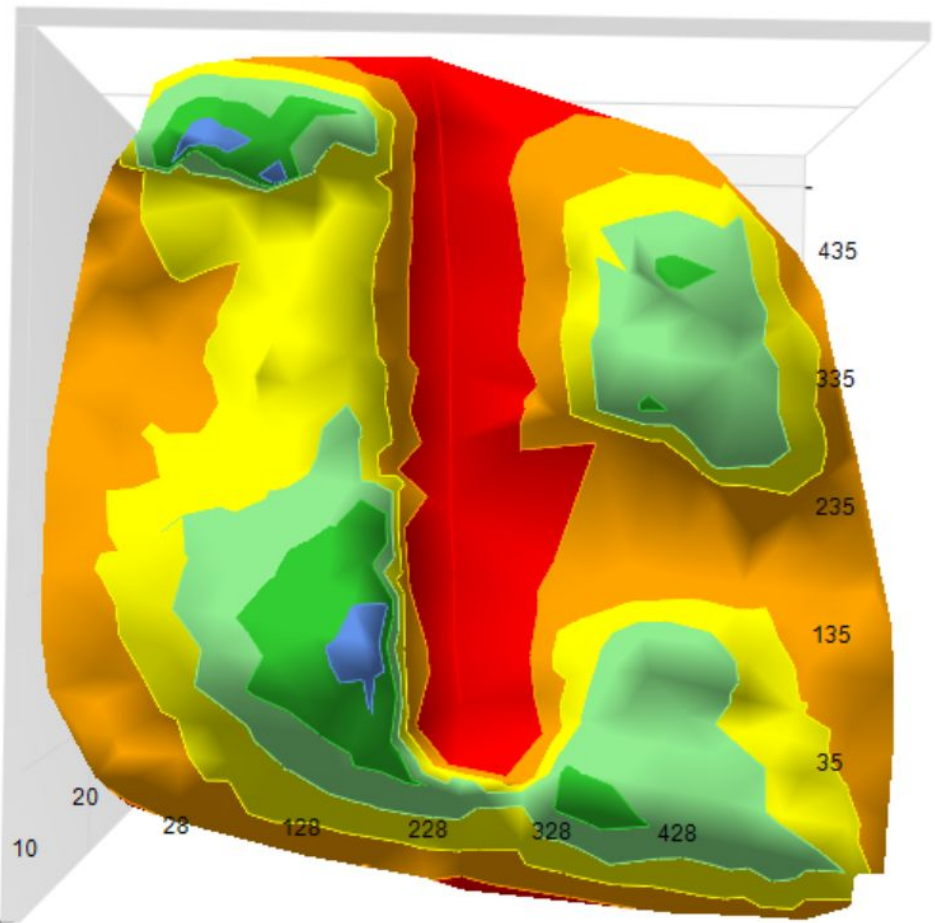


Polishing Pond Loading

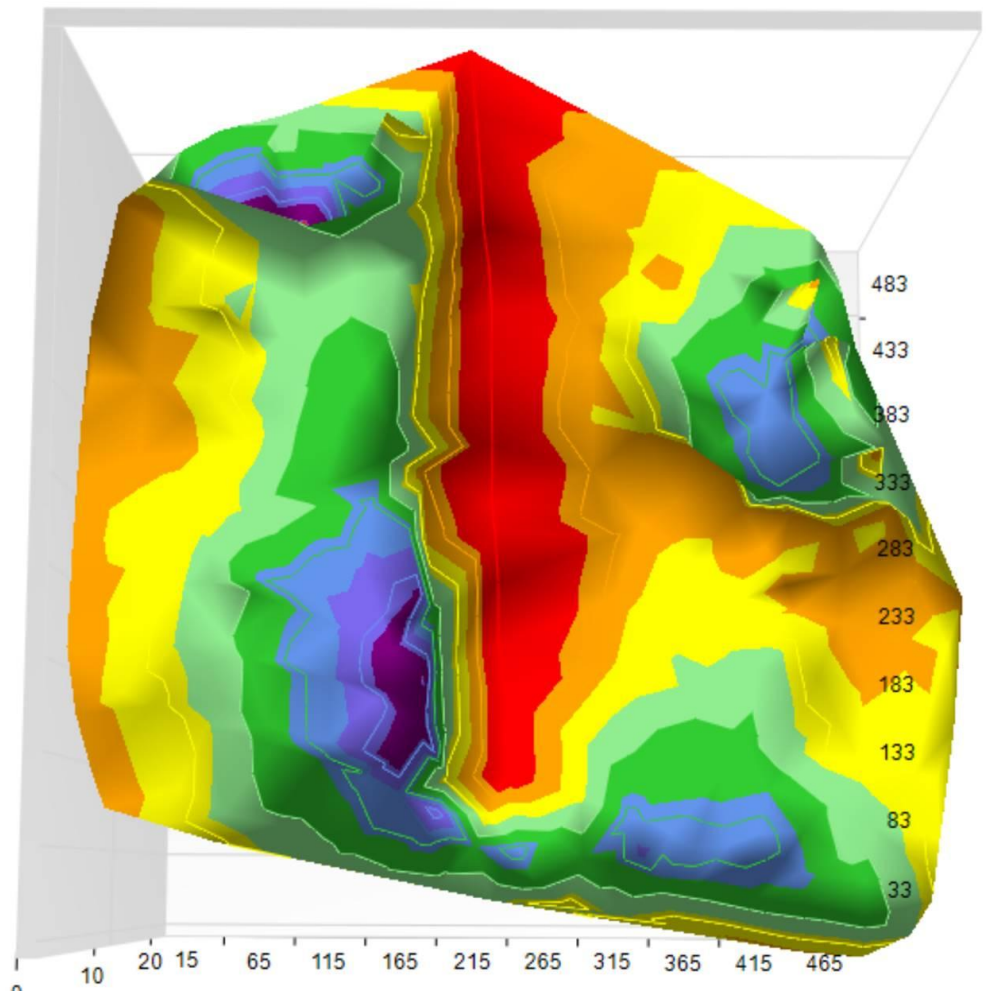


Polishing pond	
Infl. TSS Tons/month	
Before (2yr)	208
During	257
Effl. TSS (tons/month)	
Before (2 yr)	110
During	93
Tons captured/month	
Before	90.6
During	124.7
	38%

7/6/2022



11/7/2022



7/7/22 vs

11/7/22

