



*The Lake Doctors, Inc.*  
Aquatic Management Services<sup>®</sup>

**MUCK DIGEST PELLETS CASE STUDY 2019**  
**OBANNON CREEK GOLF CLUB IN LOVELAND, OHIO**

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Mid-Season Depth Reading: August 15, 2019







Final Depth Reading: October 17, 2019





This report is to determine the effectiveness of Muck Digest Pellets in two ponds located at Obannon Creek Golf Club in Loveland, Ohio for the treatment months of April 2019 through October 2019. A total of 28.5 lbs (15 lbs in pond #1 and 13.5 lbs in pond #2) of the product is used once a month for 7 months equaling 200 lbs of Muck Digest for the season. A total of three sonar depth readings were conducted. One in April, one in August and one in October. Both ponds are used for irrigation and is replenished with water from a waste treatment plant which causes both ponds to have heavy Planktonic Algae (Chlorella) blooms throughout the summer months.

Pond #1 is on the East side of the cart path and is approximately 1.25 Acres. A total of 31 sonar depth readings were conducted. Starting average Depth for Pond #1 was 68". Mid-season average depth was 72" gaining approximately 4" of average depth. The Final average Depth reading was 74.1" a gain of approximately 6.1" from the Initial average depth reading.

Pond #2 is on the West side of the cart path and is approximately 0.95 Acres. A total of 28 sonar depth readings were conducted. Starting average depth for Pond #2 was 52". Mid-season average depth was 53" gaining approximately 1" in average depth. The Final average Depth reading was 56.6" a gain of approximately 4.6" from the Initial depth reading.

Overall we have seen a decrease in Muck, organics and an increase in pond depth in both ponds as well as less frequent Planktonic Algae blooms, better water clarity and less odor.

