



Case Study

Odor Reduction

Bellstra Milling Co.
Pembroke Oak Farms
Demotte, IN 46310

FACILITIES

Pembroke Oaks is a 18,600 finishing/ 17,600 nursery complex located near St. Anne, IL.

PRE *PITCHARGER* ENVIRONMENT

A farmer living about 1 mile from the facility had registered complaints regarding nuisance odors. Belstra had taken steps at Pembroke such as planting trees, heavy dilution in lagoons and had been using a commercial bacillus feed additive to help control odor. Unfortunately, the farmer was located in a valley where odor lingered on calm and summer days.

***PITCHARGER* ENVIRONMENT**

Within a week of treatment, the lagoon was bubbling and within a few weeks, feed truck drivers were making unsolicited comments to management that they were no longer noticing odor on the roads surrounding the facility. As the bacteria were introduced to the secondary and tertiary lagoons, they turned a dark red. At the same time the large primary lagoon was beginning to show a red tint.

IN CONCLUSION

After speaking with Randy Scott, the complex manager, on November 14th, we were told that the odor control around the complex is doing well and the primary lagoon has a brownish red color, which was in contrast to being black and septic before treating. Randy has talked with the neighbor several times during the summer and fall and stated the he had only smelled the lagoons once since treating and was satisfied with Belstra's efforts. Based upon the feedback from Belstra Milling company, Randy Scott, the feed truck drivers and the neighbor, the project was considered an overwhelming success.

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