

## Addition to improvement plan sent to UST 10.10.2023

By decreasing our FCR or in other words increasing our feed utilization we will reduce the amount of emissions because more feed is metabolized for growth and not emitted into our drainage. We are working under the premise that uneaten feed is the main contributing factor to the increased levels of emissions from the facility.

Point #1 Increasing the water level allows the fish to have more time to eat the feed in the tank. Then there will be less uneaten feed and more excrement. We have already begun with these improvements, but we are coordinating with our plumbers about when tanks will be empty and we will be able to finish the rest. I would suggest setting the end of November 2023 as the timeline.

Point #2 This follows the same premise of increasing our feed utilization as less water being circulated in the tanks allows better access to feed for the fish. The oxygen cones are in place and the plumbing infrastructure should handle the new pumps, but we are waiting on the delivery of the pumps and supporting electrical systems. Delivery times are between 8-12 weeks, if there are no interruptions to the supply chain. We are looking into other solutions to increase the oxygen and decrease the exchange time in the interim. I would suggest the final solution will be ready end of January beginning of February 2024, with an interim solution maybe in place by December.

Point #3 We have already switched the filter mesh on the inside tank drum filter and are waiting to see how the drum filter for the outside tanks operates, as it has not been in operation very long and the fine tuning of the equipment just performed. Delivery time for new mesh is 4 weeks, which means after a decision on whether it is need, probably next week, it would be an additional 4 weeks before it could be installed. So around beginning of December 2023.

Point #4 The sludge treatment container is in the country but has not been delivered to the site yet. In addition, a change in the contractors who were working on infrastructure has been made due to a lack of progress. Hopefully the container will be installed and operational by the end of November 2023, but fine tuning and optimization of the process will take some time. I would hope we have control by December 2023.

To answer the question about monitoring. We will set out fish in the end of November 2023 and will be taking an effluent sample when we reach the highest biomass. This will allow us to compare against our previous measurements and see if any of our changes to production has helped. We will then have a second set out, weather dependent, at the end of February 2024. We will sample before delivering them and be able to see the combined impact of our changes compared to our previous samples and the sample from November.

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