



March 23, 2023

Subject: Denali Ingredients
Dissolved Air Flotation System/ Wastewater Pre-Treatment Building Addition
2400 S. Calhoun Road, New Berlin WI

City of New Berlin Representatives:

Please find this letter describing the proposed project at the above address which is coming before the staff as Administrative Use Approval.

1. Land Use: Denali Ingredients, an existing food manufacturing plant, seeks approval for a building addition to house a Dissolved Air Flotation (DAF) System capable of pretreating industrial process wastewater generated from food processing operations before being discharged into the domestic sanitary sewer system. The proposed building is 37' x 57' with a gross square footage of the building at 2,109 sq ft.
2. Site and Building Activities: Activities to occur on site will be periodic forklift access through the overhead door, two (2) man doors for emergency exiting, and a hose connection for periodic pumping/ removal of solids generated by the pretreatment system for disposal off site. The building will usually be unoccupied, except when inside activities require system monitoring, cleaning, screen changing, maintenance, and restocking of required chemicals.
3. Hours of Operation: The DAF system will operate in conjunction with the continued operations of the manufacturing plant. The plant currently operates two 8-hour work shifts, plus one cleaning shift, except weekends and holidays.
4. Employees: No additional employees will be hired beyond the current workforce, due to this activity and building addition.
5. Vehicles associated with use: The existing parking stall count on site will remain the same, including maintaining parking in front of the building addition.
6. Traffic Impact Analysis: N/A
7. The expected start of construction is July 26, 2023 with construction completion by December 28, 2023. Equipment installation and system start-up, training, and commissioning to be completed by February 17, 2024.
8. Project Phasing: N/A
9. Mitigation of Hazards/ Adverse Impacts: The tank for the DAF float/sludge will have secondary containment for spill prevention and will be included in the required Spill Prevention Control and Countermeasures (SPCC) Plan. Chemicals will be stored inside the building addition and have secondary containment. The floor of the entire building will be sloped toward a trench/sump system which provides additional spill protection.