

Mountaire®

Care That Cultivates™



The Original Recyclers



ROUGHLY **50%** OF AN
ANIMAL IS CONSIDERED
INEDIBLE BY
AMERICANS



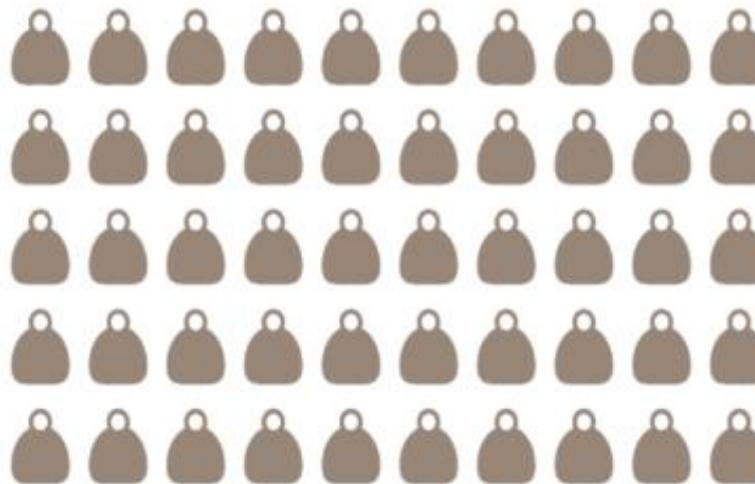
Rendering: IS RECYCLING

WHAT ARE THE PRODUCTS OF RENDERING?

Renderers collect:

56 BILLION POUNDS

of raw materials every year
in the U.S. and Canada



If all renderable product was sent to the landfill, all available space would be used in

4 YEARS

<https://nara.org/wp-content/uploads/2019/12/Rendering-is-Recycling-Update.pdf>

Avoiding Waste and Reducing Landfill Inputs



Mountaire

Circular Bio-Economy



RRP Description

- Constructed in 2011
- Accepts material from the Mountaire Millsboro & Selbyville processing plants
- Creates products for:
 - Aquaculture – salmon and shrimp farms
 - Used in feedmills
 - Pet food manufacturers
 - Companies producing lubrication and leather making and metalworking oils

Application

- Submitted AQM1 and AQM5 forms
- Increase of meat throughput from 4,200 tons to 5,000 tons weekly
- No increases of feather or blood throughput requested

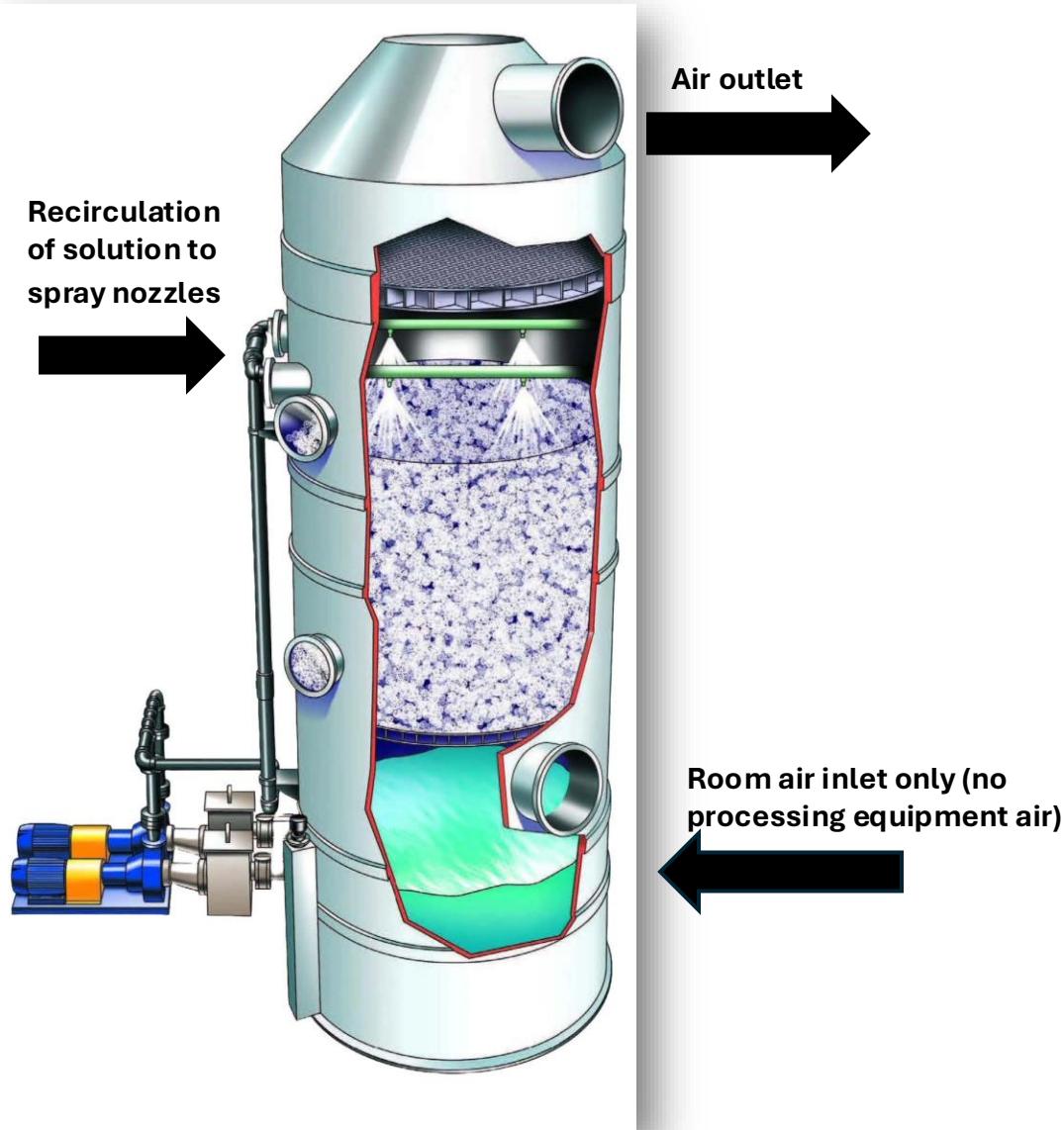
Why?

- Needed for operational flexibility
- Market changes
- Holidays/production changes
- Product changes
- No processing plant increases scheduled
- No plans to take material from other poultry companies

Air Permit Requirements

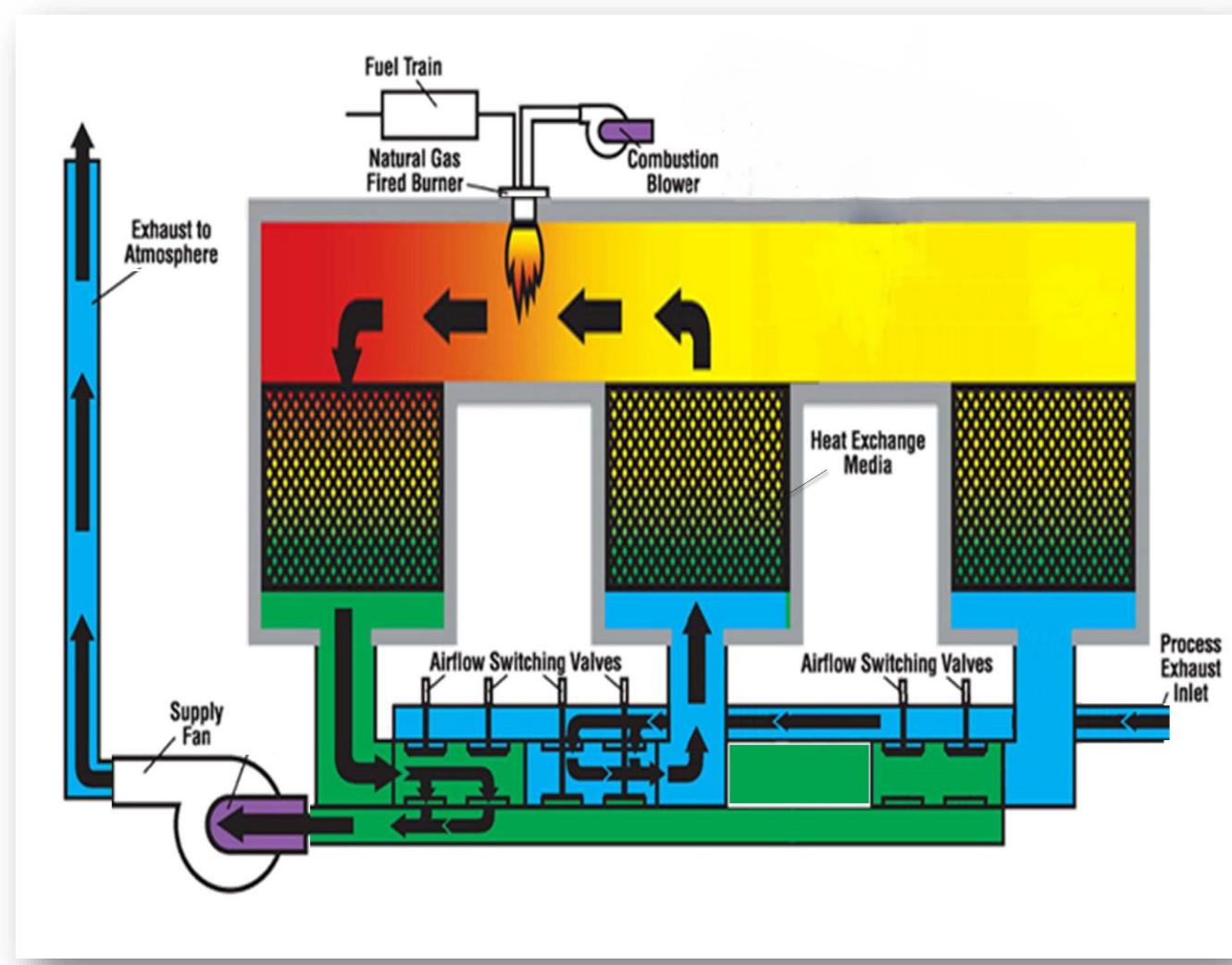
- Receiving doors remain closed
- No stockpiling of material
- Odor Control Plan and log for the complex
- Air scrubbers
- Thermal oxidizers

Air Scrubber



- Four (4) room air scrubbers throughout the facility
- Air scrubbers will exchange air sixteen (16) times per hour
- Seven (7) make up air units to bring fresh air into the facility

Thermal Oxidizer



- Non condensable vapors from processing equipment are drawn into the process exhaust inlet to the selected chamber.
- When the hot process air, now clean, passes through the exit tank, the ceramic media will absorb the majority of the heat (energy) prior to exiting the system.



THANK YOU