

# Pasco Resource Recovery Center

## Case Study

### *Using RNG production to manage net wastewater treatment costs and improve sustainability*

#### Overview

The Pasco Resource Recovery Center ("PRRC") is a partnership between Burnham RNG and the City of Pasco to expand the city's industrial wastewater treatment capabilities.

This new facility will turn industrial process water into clean water, generate Renewable Natural Gas ("RNG") and help the region grow agribusiness jobs and opportunities as it emerges as a leading center for food production and processing.



#### Challenge

**Pasco's current Process Water Reuse Facility (PWRF) lacks capacity to meet growing industry and environmental needs.**

##### The PWRF cannot handle more growth

- The 25+ year old facility cannot process more wastewater without significant upgrades, inhibiting the growth of the agribusiness industry in the region.

##### Support of the food processing industry's growth requires a new facility

- Strong environmental performance is critical to industry and regional growth: Processors, consumers, regulators, and the local community are continuously increasing expectations around sustainability performance.



## The Solution

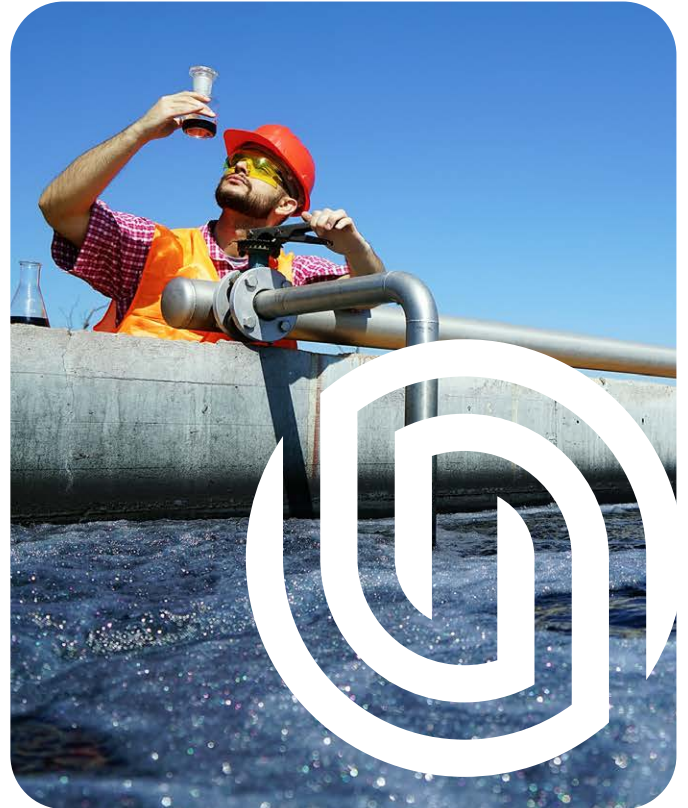
A new facility with increased capacity and an improved environmental impact.

**The facility will meet demand, re-use water, optimize nutrients, and produce clean energy**

- Fully treat wastewater, enabling hundreds of millions of gallons of water reuse
- Reduce wastewater treatment costs and emissions by capturing biogas generated through anaerobic digestion and converting it to RNG
- Substantially mitigate odors
- Remove excess nutrients from the wastewater

### Meet Current & Future Opportunities

- Provide capacity to meet current & future growth in food processing sector
- Support continued long-term markets in Pasco for the local agricultural industry with a long-term, sustainable investment in water treatment



## How can Burnham help?

### Wastewater Infrastructure Expansion

- Increase wastewater treatment capacity
- Utilize a cost effective Public Private Partnership

### Biosolids & Sludge Management

- Transform waste biosolids into valuable products
- Reduce biosolids disposal cost and regulatory risk

### Improve Sustainability Outcomes

- Reduce carbon footprint
- Demonstrate sustainability leadership

### Monetize RNG

- Reduce net treatment costs by selling RNG under long-term agreements



### Interested in learning more?

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### About Burnham RNG

Burnham is a wastewater and agricultural waste to RNG provider that helps communities profitably reduce treatment & disposal costs, improve environmental outcomes and re-use energy, water, and nutrients. The company is focused on efforts to turn waste into valuable resources. Burnham manages and reuses organic waste and wastewater by transforming it into renewable natural gas, clean water, and high-value soil additives that enhance sustainability and profitability.