



# Synagro – Sedron Project Overview

## Advanced Biosolids Processing and Beneficial Use



## Advanced Biosolids Processing and Beneficial Use Project

- **Background**
- **Introduction to Synagro and Sedron**
- **Indiantown Project Overview**
- **What the Project Means to Martin County**

### **Water Quality Protection Focus**

- Local and regional watershed impairment concerns from agricultural and non-agricultural sources, including poorly managed biosolids land application projects.

### **Regional Biosolids Policy Action**

- Regional Biosolids Symposium sponsored by the Treasure Coast Regional Planning Council (TCRPC) and the Indian River Lagoon National Estuaries Program
- Indian River County placed a moratorium on land application of Class B biosolids
- St Lucie County passed a resolution in support of TCRPC's resolved actions.
- Martin County passed a similar resolution, but went further, requesting the state to prioritize the reduction and eventual elimination of land application of biosolids.

### **Martin County's Strategic Goal**

- No longer rely on land application or landfill disposal of biosolids.
- Investigate new technologies to improve biosolids recycling and energy recovery.
- Results in Request for Proposals (RFP) 2025-3671 for Advanced Waste Residuals Processing and Beneficial Use Recovery



### Synagro is North America's Leading Biosolids Solutions Provider and has a Long Term and Well-Established Presence in Florida.

- 1,000 biosolids management customers across the continent and 35 in Florida
  - Facilities Operating in Palm Beach County, Pinellas County, and Charlotte County
- Designed, built and operate more than 75 biosolids processing facilities.
- Utilize all proven technologies and strategies, applying those which best meet customer's specific needs.
- Invested more than \$400MM of our own money in our biosolids facilities.
- Own and/or operate 30 Class A biosolids processing facilities:
  - 20 Biosolids drying facilities
  - 3 Incineration facilities
  - 7 Composting facilities
- 200+ years cumulative facility operating experience, processing millions of tons of biosolids.
- The leading experts in developing and managing biosolids product marketing programs – Selling more than 300,000 tons of pellets and 750,000 CY of compost in 2023.
- Maximize value to our customers by varying partnership structure to align with their goals
- DBO, DBOO, O&M, Regionalization



- ✓ Founded 1993
- ✓ Aerospace Parts
- ✓ Advanced Composites
- ✓ Complex Tooling
- ✓ 5-Axis CNC Machining
- ✓ 2,000 Employees



ORION CREW MODULE



JOINT STRIKE FIGHTER



Peter Janicki  
CEO & Founder



JANICKI OMNI PROCESSOR



- ✓ Founded 2014
- ✓ Water & Sanitation
- ✓ >270 Employees



VARCOR SYSTEM



FIRELIGHT TOILET

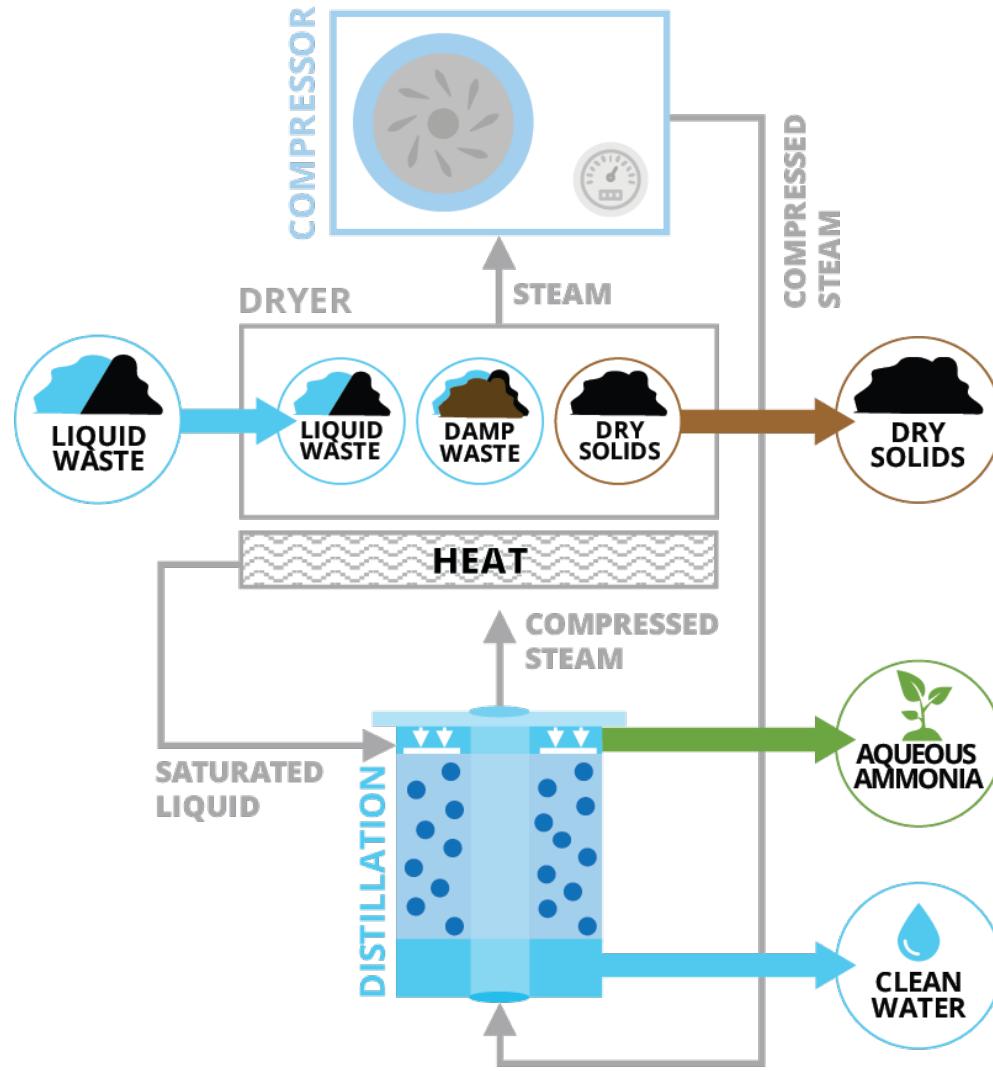
# VARCOR™ SYSTEM

## A COMPLETE, HOLISTIC LIQUID WASTE HANDLING SYSTEM

- ✓ Combined dewatering and drying
- ✓ Solids recovery for beneficial use
- ✓ Very clean steam stripped condensate

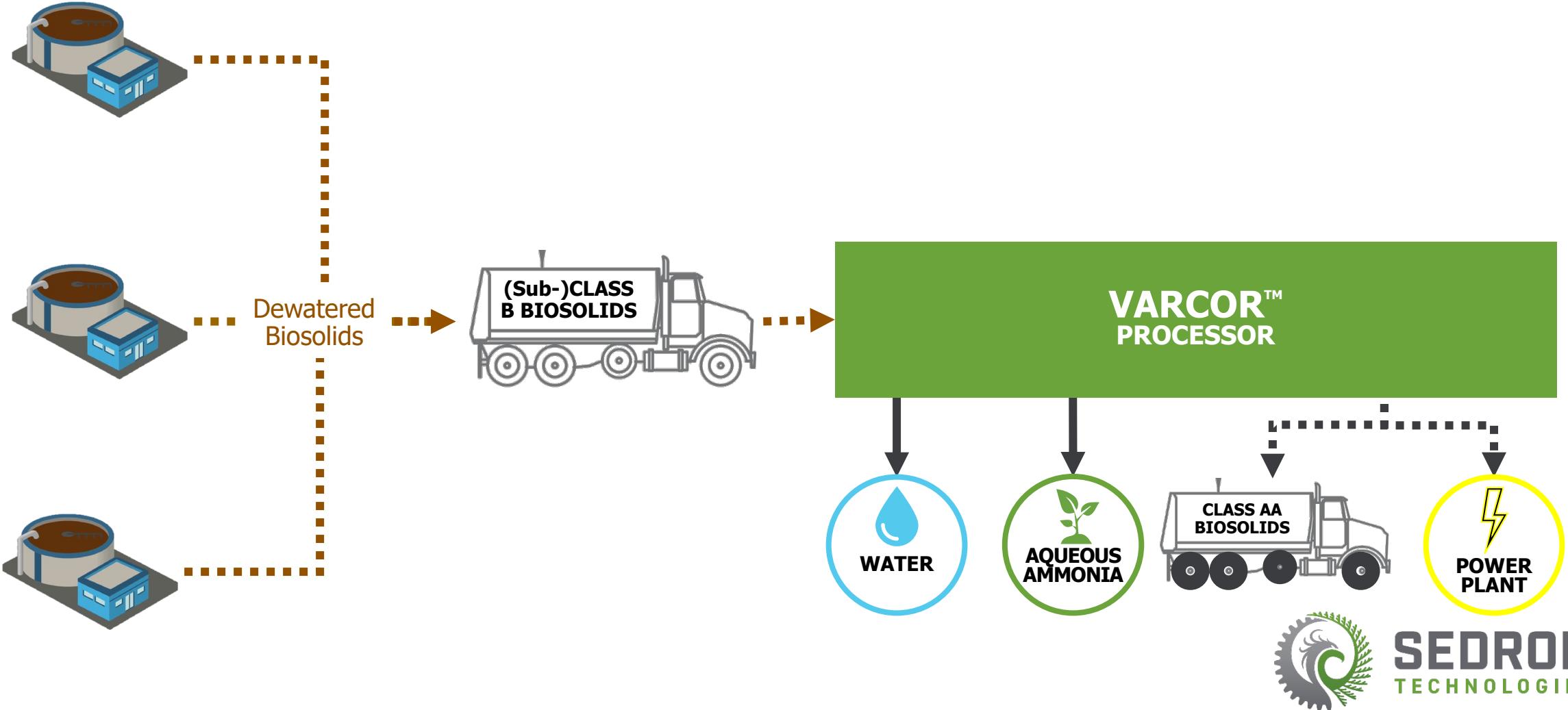


# The Varcor® utilizes long-established engineering principles for highly efficient solid-liquid separation

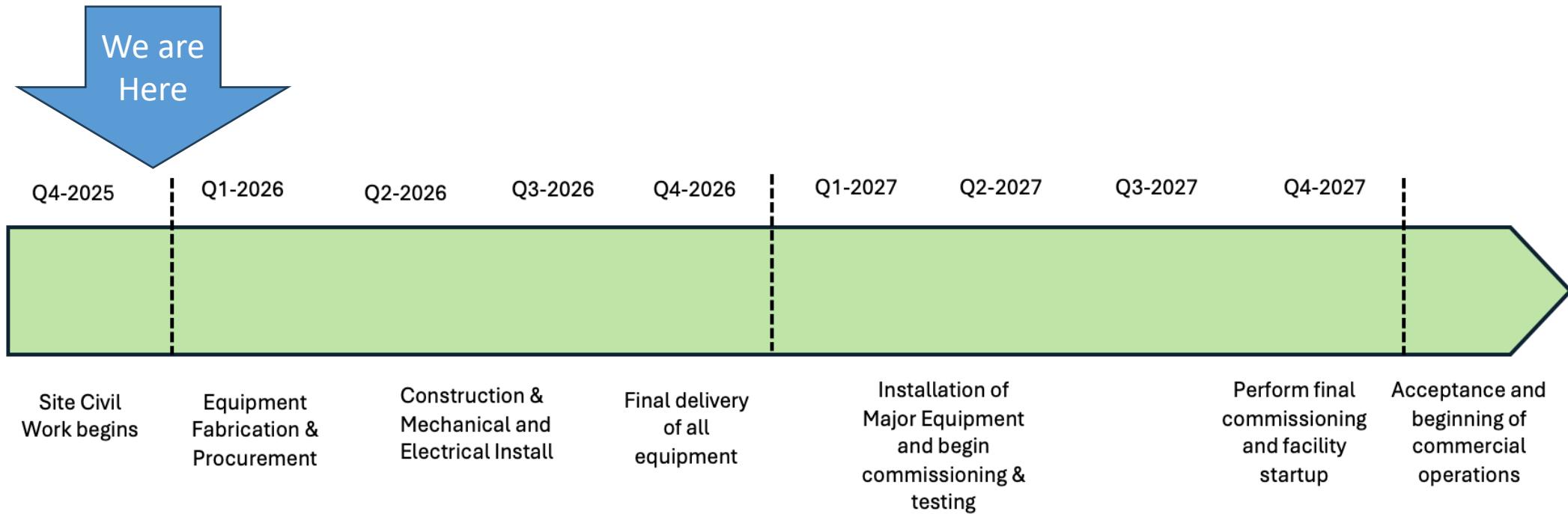


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# Regional model



# Indiantown Facility – High Level Schedule



**The Indiantown Project is Critical to Providing Martin County and other Regional Municipalities with a Reliable and Environmentally Friendly Biosolids Solution – Protecting Florida's Water Resources.**

### Biosolids Specific Trends

- Severe Capacity Constraints – Disposal and Beneficial Use
  - Landfills reducing amount of wet waste they can or will accept.
  - Compost facilities are full to overflow
- Costs rising
  - Tipping fees increasing rapidly (\$80/ton to \$160/ton in three years
  - Fort Lauderdale - \$157 per wet ton (only one bidder).
- Land Application is Further Constrained
  - Regulatory Changes in Florida and beyond.
  - PFAS and emerging contaminants.
  - Public pressures
  - Florida Department of Agriculture and Consumer Services pushing a land application ban.

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## The Indiantown Project is Good Public Policy and a Triple Bottom Line Win For Martin County

### Social

- Creates a partnership with the biosolids solution market leaders.
- Biosolids program stability and predictability for 10+ years
- Protects Martin County from potential biosolids related PFAS change in law

### Environmental

- Achieves water quality protection and biosolids policy goals – Not a land-based solution for biosolids.

### Economic Benefits

- Competitively priced solution considering PFAS mitigation measures.
- ***In-County investment of approximately \$200 million***
  - ***Over 150 construction jobs***
  - ***Estimated 25 long term green-economy operations jobs created***
  - ***Estimated \$2.6M in tax-based revenue for the County***
  - ***Total estimated economic impact of >\$2.5M and a net benefit to the County of over \$850,000 annually***

| Taxing Authority              | Millage Rate | Estimated Tax Revenue |
|-------------------------------|--------------|-----------------------|
| Martin County                 | 6.5614       | \$ 984,210            |
| Martin County Fire Rescue     | 2.6376       | \$ 395,640            |
| <b>Total to Martin County</b> | <b>\$</b>    | <b>1,379,850</b>      |

| Other Taxing Entities:                  | Millage Rate | Estimated Tax Revenue |
|---|--------------|-----------------------|
| Martin County School District           | 5.3727       | \$ 805,905            |
| Children's Services Council             | 0.425        | \$ 63,750             |
| South Florida Water Management District | 0.2301       | \$ 34,515             |
| Florida Inland Navigational District    | 0.0288       | \$ 4,320              |
| Village of Indiantown                   | 1.825        | \$ 273,750            |
| <b>Total Other Taxing Entities</b>      | <b>\$</b>    | <b>1,182,240</b>      |

|                 |    |           |
|-----------------|----|-----------|
| All Tax Revenue | \$ | 2,562,090 |
|-----------------|----|-----------|

Thank You, for Additional Information Please Contact

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