VARCOR[™] System

Florida Regional Biosolids and Septage Processing Site



SEDRON®



- ✓ Founded 1993
- ✓ Aerospace Parts
- ✓ Advanced Composites
- ✓ Complex Tooling
- ✓ 5-Axis CNC Machining
- ✓ 1,300+ Employees









- ✓ Founded 2014
- ✓ Water & Sanitation
- ✓ >200 Employees





JANICKI OMNI PROCESSOR

ORION CREW MODULE



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thisisbillgates Over the years, I've done a lot of

OV

JULY 27

BOEING

89,103 likes

sanitation more

...



Janicki wins, Boeing loses in Northrop contracts for Air Force B-21 bomber

ORACLE

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U.S. AIR FORCE



Ongoing Commitment to Innovation



The Problems We Solve



CONFIDENTIAL INFORMATION

WWTP NUTRIENT LOADING



BIOSOLIDS QUALITY



TAD

NUTRIENT POLLUTION



CARBON FOOTPRINT



THE VARCOR™ SYSTEM



CONFIDENTIAL INFORMATION

A COMPLETE, HOLISTIC LIQUID WASTE HANDLING SYSTEM

- Combined dewatering and drying
- ✓ Solids recovery for beneficial use
- ✓ Very clean water





VARCOR[™] What it Does





VARCOR[™] Energy Input vs Traditional Methods



CLEAN WATER

WATER PRODUCT FOR RE-USE OR DISCHARGE

PFAS FREE





DRY SOLIDS

- ✓ Class AA
- ✓ 90+ % Dry
- ✓ Pathogen Free
- ✓ 3-3-3 to 5-4-4
 Fertilizer
- ✓ High Energy Content
- ✓ Suitable For Cement Kiln Fuel





AQUEOUS AMMONIA

HIGH NITROGEN FERTILIZER PRODUCT

PFAS FREE





Example Sites



CONFIDENTIAL INFORMATION

4,000 Cow Dairy

Indiana

Operational Since 2020

~40,000,000 gallons per year of capacity

~10,000 sq-ft building





- **Regional Septage / Biosolids Processing Facility**
- Seattle Washington
- Currently Operational ~40,000,000 gallons per year of capacity
- ~10,000 sq-ft building
- EPA 503 Class A EQ (AA) Biosolids Permit





Major Rum Distillery

US Virgin Islands

Operational Since 2022

Available for additional pilot trials in 2023





20,000 Cow Dairy

Indiana

Operational Q1 of 2024

~200,000,000 gallons per year of capacity





12,000 Cow Dairy

Wisconsin

Operational Q4 of 2024

~140,000,000 gallons per year of capacity

Florida Project in Development

CONFIDENTIAL INFORMATION

SEATTLE PROJECT

- ✓ Class B disposal
- Septage / Portapotty disposal
- ✓ FOG disposal
- Lower costs than land-application
- Zero tax-payer investment
- ✓ Tremendous private sector investment
- Regional high paying jobs

Copy the Seattle project – but in Florida!

CONFIDENTIAL INFORMATION

Why Indiantown?

- Population 9M+ in South Florida
- No land application sites south of Lake Okeechobee
- Reduced landfill capacity
- Reduced biosolids land application rates
- Number of viable disposal options for septage haulers declining rapidly

Indiantown Site Rendering

Indiantown Site Rendering

WHAT THIS MEANS FOR FLORIDA

- 1. New, lower cost, location for biosolids, septage, porta-potty and FOG disposal
- 2. Proven operational site out of state
 3. No public investment required (privately funded)
 4. Produce renewable nitrogen fertilizer
 5. Combust the dry Class AA Biosolids as renewable cement fuel

A holistic solution that solves nutrient pollution by stopping the land application of biosolids while simultaneously producing renewable energy and providing the Florida agricultural industry with precision, climate-smart, nitrogen fertilizer