ECO-PRODUCTS

NERC WEBINAR SERIES

6.22.26

GreenStripe®, BlueStripe®, and Veda™ platforms

GreenStripe®

Made from renewable resources

Raw Materials
PLA, PHA, Paper, Sugarcane, Bamboo, PBAT

Product Types
Cups, Lids, Containers, Dinnerware, Servingware, Bags, Cutlery, Straws

End-Of-Life
Compostable

Third-Party Verification
BPI, CMA, ASTM

BlueStripe®

Made from post-consumer recycled content

Raw Materials
Post-consumer
RPS, RPET, PCF

Product Types
Cups & Lids, Container Lids, Cutlery

End-Of-Life
May be recyclable in some communities

Veda™

Made from durable materials for reusability

Raw Materials
Polypropylene

Product Types
Take-Out Containers

End-Of-Life
Reusable, and recyclable via takeback program

Third-Party Verification
NSF, EcoLab

The compostability of our GreenStripe® products has been consistently verified in the lab and in the field

Third-Party	Eco-Products SKUs
BPI	360
ASTM	407
CMA-W	340
CMA-I	221
CMA-A	20
CMA-S	16
Din Certco (Seedling)	311
OK Compost – IND	110
OK Compost - HOME	107

BPI COMPOSTABLE
COMMERCIALLY COMPOSTABLE ONLY. FACILITIES MAY NOT EXIST IN YOUR AREA. CERT #891051

COMPOST MANUFACTURING ALLIANCE℠
COMPOSTER APPROVED

OK compost TÜV AUSTRIA INDUSTRIAL

HOME OK compost TÜV AUSTRIA HOME

compostable

INDUSTRIAL COMPOSTABLE DIN Geprüft

New products and innovative custom design capabilities

Vanguard® No-Added PFAS Line Approaching 100 Unique SKUs

- First in the industry to have a BPI-Certified no-added PFAS offering in 2020
- Since then, the Vanguard line has expanded to include items in every category of our rapidly growing molded fiber offering
- 14 states in the US now have laws that require the use of no-added PFAS foodservice products

Legislation, Contamination Mitigation, and Composter Acceptance

Fiber-only, Specially Labeled, Field Tested

- Veridian™ line designed specifically for labeling laws in WA and CO
- Wide array of fiber products specifically designed for operators looking to reduce plastic use

COMPOST MANUFACTURING ALLIANCE℠
COMPOSTER APPROVED

- Over 400 approvals by CMA – by far the most field testing and passing results in the industry

Pioneering Reusable Solutions for the Foodservice Industry

OZZI
Simply Reuzable.

- A 2024 investment in OZZI®, a leading containers and collection systems brand, has led to the launch of Veda™ - the first reusable products available from Eco-Products
- Veda containers are equipped with OZZI's proprietary barcode tracking and collection technology that integrates with campus meal plan systems and OZZI collection machines
- Perfect for closed-system foodservice environments like college & university, corporate campus, healthcare, senior living, hotels & resorts, and military applications

We advocate relentlessly for an organics diversion system that includes food scraps and packaging

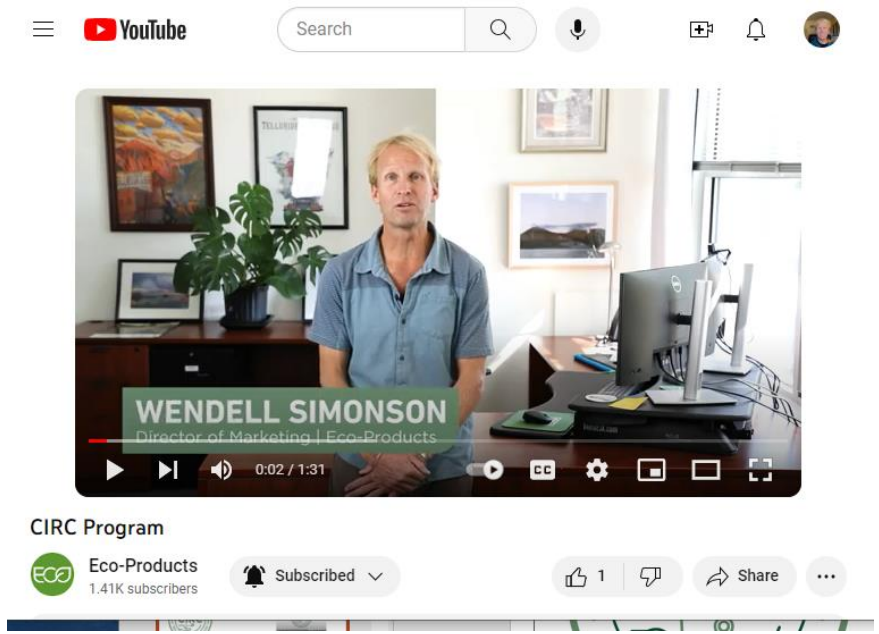
Contamination from non-compostable materials is a significant challenge and has eroded composter confidence across the country

Coloradans are so bad at composting, whole truckloads are being rejected and sent to the dump

By Sam Brasch · Sep. 14, 2022, 4:00 am

“CIRC”

Controls Intended to Remove Contamination



(Play Video)

CIRC – An Operator-Level Verification Program Designed to Systematically Address Contamination

1) **Systematically control and mitigate contamination** from non-compostable materials

2) **Increase composter confidence** in organics streams that contain post-consumer food scraps and certified packaging

3) **Demonstrate that a systems approach to contamination mitigation is possible** in an array of foodservice environments

A customizable tool to build trust and process between operators, composters, haulers, and distributors

The core resource in the CIRC Toolkit is a menu of recommended contamination controls spanning Procurement, Operations, Communication, and Composter & Hauler Engagement that we call “the scorecard”.

Download the CIRC Contamination Controls Scorecard

OPERATIONS				
Staff are knowledgeable about compost and waste diversion.				
Operational Control	Yes	Sometimes	No	Required or Encouraged
Training & Communication: There is industry-standard color-coded signage near BOH waste sorting stations.				**Required**
Training & Communication: There is regular training on sorting methodology.				**Encouraged**
Staff are actively responsible for the management of waste streams.				
Staff Responsibility: There are regular reminders at pre-shift meetings around the need for a clean compost stream and the role staff plays in that effort.				**Encouraged**
Bins for all three waste streams are strategically co-located throughout the venue.				
Bin Management: All BOH and FOH waste collection stations follow a uniform layout throughout the operation, with Landfill, Compost, and Recycling bins arranged in the same order.				**Required**
If a sort of one or all waste streams is conducted prior to collection, adequate controls should be in place to ensure contaminants in the compost are removed.				
Sorting: The on-site sorting area has effective signage, including a reminder of what to pay special attention to in order to keep contamination out of compost.				**Required**
Compost bins awaiting pick-up are unlikely to be contaminated with outside material.				
Preparation for Hauling: External compost bins intended for hauler servicing are checked each time additional material is placed in the receptacles to ensure contamination has not occurred outside of the building operations.				**Required**

Who is it For?

The CIRC Program is designed for a specific set of audiences – all of whom play a critical role in keeping foodservice organics out of landfills.

Generators (Restaurants, Stadiums, Venues, etc)

Generators, and the compost streams they are creating and sending to composters, are the focal point for CIRC. The whole program is aimed at preventing non-compostable items from getting into generator compost streams, and making sure that only agreed upon compostable materials are being sent to composters.

Manufacturers

Compostable product manufacturers must provide accurate information about their products, secure distributor stocking positions for approved items, and assist with ordering as needed. The Eco-Products PZW team exists to do exactly this kind of work, and will manage the CIRC process for Eco-Products customers every step of the way.

Distributors and Other Procurement Partners

Distributors are responsible for maintaining inventories of certified compostable products that have been approved for collection and processing by composters, and meet the business needs of the generator. This is an extremely critical piece of the equation, as controlling what flows into an operation is the best way to keep non-compostable material out of the compost stream.

Haulers

Haulers collect compost (and possibly other waste streams) from the generator, and deliver it to composters. Most haulers that collect post-consumer organics are well-versed in contamination, and will do some form of load inspection at pick-up. This makes them the first independent reviewer of the compost stream, and a valuable first check on the effectiveness of contamination controls.

Composters

Composters determine what materials they will accept and process in their facilities, and ultimately decide whether or not accepting food scraps and compostable packaging is possible for their business. Providing composters with contaminant-free streams is the goal of the CIRC program, and should be the goal of every stakeholder in the organics diversion value chain.

Case Studies

SUCCESS STORY

Legislation Compliance

OVERVIEW

In July 2023, the City of Carlsbad passed legislation requiring all businesses to use compostable products.

CHALLENGE

Legoland didn't know where to begin. The bill did not clearly define what products were acceptable and/or considered "compostable.

SOLUTION

Our PZW team worked directly with the City to clarify and define "compostable" and toured the park with the Executive Chef to review his packaging needs.

RESULTS

The Chef chose 24 different products from across our bundle to suit the park's wide variety of serving needs.
Today, composting is not an option for the park. So we are working with Republic's Otay facility to field test our products, as well as looking at in-vessel systems that might work for Legoland.

Our PZWs are experts at navigating regional regulations and helping our customers comply

SUCCESS STORY

Waste Diverting Event

OVERVIEW

Sysco was hosting an event to celebrate the arrival of 10 new heavy-duty electric tractors to its fleet with a Zero Waste event in Houston.

CHALLENGE

This was a pop-up outdoor event with no permanent facilities, systems, or services.

SOLUTION

Eco-Products:

- Provided compostable products
- Organized compost bins with signage
- Arranged for Moonshot Compost to provide composting services

RESULTS

The event achieved a waste diversion rate of 96% with no contamination thanks to attention to detail on procurement and messaging

Achieved a 96% waste diversion rate with no contamination

SUCCESS STORY

Converting to Compostables

OVERVIEW

This new 15 story, 340 patient building with floor to ceiling windows overlooking Lake Superior represents the City of Duluth's largest investment ($900 million dollars) in its history.

Essentia Health

CHALLENGE

Eco-Products and Key Impact worked with Essentia's Facility & Nutrition teams to convert conventional disposables to compostable using our bundle of products via the Vizient contract.

SOLUTION

Consulted on set up for BOH and FOH collection and created custom signage for new cafeteria which will serve approximately 4,000 meals per day

RESULTS

In 2024 we plan to conduct a waste audit to measure progress with waste diversion and to host a community event bringing back the finished compost to use for landscaping at the property.

Our broad bundle of products allows full conversions of single-use products to certified compostable versions

SUCCESS STORY

On-Site In-Vessel Composting

OVERVIEW

In 2018 the Princeton Office of Sustainability started the Sustainable Composting Research at Princeton (SCRAP Lab). The project revolves around a FOR Solutions Model 1000 in-vessel aerobic composting system

CHALLENGE

In 2023 Princeton was awarded a NJ DEP grant to study the decomposition of compostable products, and a mix of Eco-Products fiber and bioplastic items were introduced to the feedstock mix

SOLUTION

Once the products were approved for use in the FOR system, work began with Princeton sustainability and dining staff to manage the transition to a full bundle of Eco-Products compostable products

RESULTS

Princeton is now collecting food scraps and compostable packaging from across their dining footprint, processing the material on site, and using the finished product as a soil amendment across campus

Eco-Products supports testing our products in different composting technologies

THANK YOU!

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