

PFAS-Free Products for Washington's PFAS in Food Packaging Alternatives Assessment
December 3, 2019

Company	Product Category	Line	Material	Single Use	Re-usable	Product Name (with link)	Sizes Available
Biodegradable Food Service	Bowls	Earth Maize	PLA, Foamed	X		Earth Maize Foam PLA Bowls	12 oz.
Biodegradable Food Service	Bowls	Tater Ware	Potato Starch		X	Biodegradable Food Service Tater Ware Bowls	12 oz.
Dart*	Bowls	Solo	Paper clay coated		X	DART Paper Dinnerware Bowls (in white, Bare and Symphony styles)	12 oz.
Georgia Pacific/Dixie	Bowls	Ultra Pathways	Paper unknown coating	X		Dixie Ultra® by Georgia Pacific	12 oz., 20 oz.
Georgia Pacific/Dixie*	Bowls	Ultra Pathways	Paper, polyethylene coating	X		Dixie Paper Bowls with With Soak-Proof Shield	12 oz.
many options	Bowls		Ceramic		X	-	
Transitions2earth	Bowls		Paper, PLA coated	X		Transitions2earth PFAS-Free Compostable Bowl	12 oz.
World Centric	Bowls		Cornstarch and Talc		X	World Centric ZeroWare Reusable Dinnerware	20 oz.
World Centric	Bowls	ZeroWare	PLA heat stabilized and talc	X		World Centric Zeroware Bowls	20 oz.
World Centric	Bowls		Molded Fiber (begasse, Miscanthus, wheat straw)	X		World Centric PFAS-free compostable	Expected to be on the market in early 2020

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						molded fiber products	
Ahlstrom-Munksjo	Food Service Paper	Grease-Gard Fluoro-Free paper	Grease-resistant paper, PFAS-free	X		Grease-Gard papers	Paper manufacturer
Delfort	Food Service Paper	Thinbarrier Eco	Grease-resistant paper, PFAS-free	X		Delfort Thinbarrier Eco Paper, flurochemical-free	Paper manufacturer
Nordic Paper	Food Service Paper	Natural Greaseproof paper	Grease-resistant paper, PFAS-free	X		Nordic Paper Natural Greaseproof paper	Paper manufacturer
RestaurantWraps.com/Seaman Paper	Food Service Paper	Ecolite	Grease-resistant paper, PFAS-free	X		Ecolite PFAS-Free Grease Resistant Paper	Paper manufacturer
Twin Rivers Papers	Food Service Paper	Acadia Eco Barrier	Grease-resistant paper, PFAS-free, uncoated	X		Acadia Eco Barrier papers	Paper manufacturer
Biodegradable Food Service	Food Trays - school lunch	Earth Maize	PLA, Foamed	X		Earth Maize Foam PLA Trays	5-compartment
Huhtamaki (Chinet)	Food Trays - school lunch		Molded Fiber	X		Huhtamaki Savaday 5 Compartment Tray 21032	5 compartment
Southern Champion Tray	Food Trays - school lunch	Choose a Healthy Meal Tray	Paper, clay coated	X		Southern Champion Trays	One compartment

Company	Product Category	Line	Material	Single Use	Re-usable	Product Name (with link)	Sizes Available
Biodegradable Food Service	Food trays and boats	Earth Maize	PLA, foamed	X		Earth Maize Foam "Processor" Food Trays	three sizes
Dyne-A-Pak	Food trays and boats	Nature	PLA, foamed	X		Dyna-Pak Nature Foamed PLA Trays	limited sizes
Eco-Products	Food trays and boats		Paper, PLA coated	X		Eco-Products Paper Trays	1 lb., 2 lb., 3 lb., 5 lb.
Georgia Pacific/Dixie	Food trays and boats	Kant Leek	Paper, PET coated	X		Dixie Kant Leek Food Trays	various sizes
Eco-Products	Food Wraps		Waxed paper	X		Eco-Products' Eco-Craft Interfolded Deli Paper	10" X 10.75"
If You Care	Food Wraps		Waxed paper, soy wax	X		If You Care Unbleached Wax Paper	75' X 12" roll
If You Care	Food Wraps		Parchment Paper	X		If You Care Parchment Paper	
Vegware	Food Wraps		Waxed paper	X		Vegware Waxed Deli Sheets	12" X 12"
AJM Packaging Corporation*	Plates	Nature's Own Green Label	Paper, uncoated	X		AJM Packaging Corporation Nature's Own Green Label	6" and 9" white
Biodegradable Food Service	Plates	Earth Maize	PLA, Foamed	X		Earth Maize Foam PLA Plates	6", 9" and 10"; 10" with three compartments

Company	Product Category	Line	Material	Single Use	Re-usable	Product Name (with link)	Sizes Available
Dart*	Plates, bowls	Solo	Paper, clay coated	X		DART Solo Paper Plates: available in Light-, Medium, and Heavy Weight, including white, Bare and Symphony styles	8 1/2"
Dollar Tree*	Plates	The Home Store	Paper	X		The Home Store 6.8" PaperWhite with Flowers Paper Plate	7"
Eco-Products	Plates	Vanguard	Bagasse (Molded Sugarcane Fiber)	X		Eco-Products Vanguard Line of Compostable Plates	10" plates (single and three-compartment)
Georgia Pacific/Dixie*	Plates	Ultra Pathways	Paper with proprietary coating	X		Dixie Ultra SXP9PATH Pathways Soak Proof Shield Heavyweight Paper Plates	8.5"
Great Value*	Plates	Economy	Paper, uncoated	X		Great Value Economy Paper Plate	6" and 9" white
Huhtamaki (Chinet)	Plates	Savaday	Bagasse (Molded Sugarcane Fiber)	X		Huhtamaki 5 compartment plate 21040	Huhtamaki plate is 10 1/2" (five compartment).
many options	Plates		Ceramic		X		Many sizes

Company	Product Category	Line	Material	Single Use	Re-usable	Product Name (with link)	Sizes Available
Signature Home*	Plates	Everyday Coated Plates	Paper, proprietary coating	X		Signature Home Everyday Coated Plates	7"
Smart & Simple*	Plates		Paper, uncoated	X		Smart & Simple White Paper Plate	9"
Target/Smartly*	Plates	Smartly	Paper, proprietary coating	X		Smartly Paper Plates	9"
Transitions2earth	Plates		Paper, PLA coated			Transitions2earth PFAS-Free Compostable Paper Plate	6", 9"
World Centric	Plates	Leaf	Molded Fiber (begasse, Miscanthus, wheat straw) lined with PLA	X		World Centric PFAS-free compostable molded fiber products	9 " plates expected to be on the market in first half of 2020. The product line will gradually expand.
World Centric	Plates	ZeroWare	Cornstarch and Talc		X	World Centric ZeroWare Reusable Dinnerware	9 " and 10"
Inline Packaging	Popcorn bags		Rollstock, PFAS-free	X		Inline Packaging popcorn bag rollstock for POPZ	Paper manufacturer
Biodegradable Food Service	Soup bowls	Earth Bowl	Paper, PLA coated	X		Biodegradable Food Service Earth Bowl	8 oz., 12 oz., 16 oz., 32 oz.

Company	Product Category	Line	Material	Single Use	Re-usable	Product Name (with link)	Sizes Available
						(white or Earth tone)	
Eco-Products	Soup bowls	Evolution World	Paper, polyethylene coated	X		Eco-Products Evolution Soup Bowls	Eco-Products Evolution: 8 oz., 12 oz., 16 oz., and 32 oz.
Eco-Products	Soup bowls	World Art	Paper, PLA coated	X		Eco-Products World Art Compostable Soup Bowls	Eco-Products World Art: 4 oz., 8 oz, 10 oz., 12 oz, 16 oz., 24 oz., and 32 oz.
Vegware	Soup bowls	Bon Appetit	Paper, PLA coated	X		Vegware PLA-lined Paper Bowls	32 oz.
World Centric	Soup bowls		Paper, PLA coated	X		World Centric's Hot Paper Ingeo Lined Soup Bowls	8 oz., 12 oz., 16 oz., 24 oz. and 32 oz.
Eco-Products	Takeout Container - Sandwich boxes		PLA, clear	X		Eco-Products Compostable Sandwich Wedge Container	one size
Vegware	Takeout Container - Sandwich boxes		Paper, PLA coated	X		Vegware Sandwich Boxes	one size
Georgia Pacific/Dixie	Takeout Containers - Boxes	Dixie Pathways	Paper, polyethylene coating	X		Dixie Pathways Takeout Box with Soak-Proof Shield	9" X 5" X 3"

Company	Product Category	Line	Material	Single Use	Re-usable	Product Name (with link)	Sizes Available
Graphic Packaging International	Takeout Containers – Boxes, Trays	EconoPaxx	Paper, polyethylene coating	X		EconoPaxx™ food-service cartons	various sizes
WestRock Fold-Pak	Takeout Containers - Boxes	Smart Serv, BioPak View, and Bio-Plus Earth	Paper, coated with "Enshield"	X		Smart Serv, BioPak View, and Bio-Plus Earth	Products available in multiple colors and sizes
World Centric	Takeout Containers - Boxes	Take out boxes with lids	Molded Fiber (begasse, Miscanthus, wheat straw)	X		World Centric PFAS-free compostable molded fiber products	Expected to be on the market in early 2020
Biodegradable Food Service	Takeout Containers - Clamshells	Earth Maize	PLA, Foamed	X		Earth Maize Foam PLA Clamshells	6", 8" (1 and 3 compartment), 9" (1 and 3 compartment)
Eco-Products	Takeout Containers - Clamshells	Vanguard	Bagasse (Molded Sugarcane Fiber)	X		Eco-Products Vanguard Line of Compostable Plates	9" (three compartment)
Transitions2earth	Takeout Containers - Clamshells		Paper, PLA coated	X		Transitions2earth PFAS-Free Compostable Clamshell	As of 10/16/19 clamshell is currently under development. Suitable for hot and greasy foods.

Company	Product Category	Line	Material	Single Use	Re-usable	Product Name (with link)	Sizes Available
World Centric	Takeout Containers - Clamshells		Molded Fiber (begasse, Miscanthus, wheat straw)	X		World Centric PFAS-free compostable molded fiber products	New product line to be available by first half of 2020, various sizes, shapes, and number of compartments
Pactiv	Takeout Containers - Deli	Take out boxes with lids	PET, clear	X		Pactiv PET (Clear Advantage) Deli Containers	various sizes
World Centric	Takeout Containers - Deli	Take out boxes with lids	PLA, clear	X		World Centric Ingeo Rectangular Deli Containers	various sizes



4649 Sunnyside Avenue N
Suite 540
Seattle, Washington 98103

Brian Pentilla
Washington Department of Ecology
Hazardous Waste & Toxics Reduction Program
P.O. Box 47600
Olympia, WA 98504

December 3, 2019

Comments in response to request for candidate products for PFAS food packaging AA

Dear Mr. Pentilla,

Toxic-Free Future (TFF) thanks Washington's Department of Ecology for the opportunity to provide input on the scope of Washington's PFAS in food packaging alternatives assessment. We strongly support a broad scope that includes at a minimum food serviceware as well as takeout containers. Attached please find a table of products we have identified in these and other categories. We suggest Ecology evaluate products most likely to meet performance and economic criteria, and where one material is used for multiple applications. According to the law, Ecology must identify safer alternatives, but the agency does not need to inventory or evaluate all available products. The assessment should seek efficiencies to maximize resources and evaluate as many applications as possible.

TFF, in collaboration with Center for Environmental Health and Responsible Purchasing Network, compiled this list of alternatives to PFAS-treated disposable food wrappers and dinnerware/serviceware. Inclusion on the list is based on personal communication with the companies, company websites, and on Center for Environmental Health's testing.

Toxic-Free Future appreciates the opportunity to submit this information, and we look forward to working with the agency to complete this assessment.

Sincerely,

Laurie Valerino, Executive Director

TOXICFREEFUTURE.ORG

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Georgia Pacific/Dixie	Bowls	Ultra Pathways	Paper unknown coating	X		Dixie Ultra® by Georgia Pacific	12 oz., 20 oz.
Georgia Pacific/Dixie*	Bowls	Ultra Pathways	Paper, polyethylene coating	X		Dixie Paper Bowls with With Soak-Proof Shield	12 oz.
many options	Bowls		Ceramic		X	-	
Transitions2earth	Bowls		Paper, PLA coated	X		Transitions2earth PFAS-Free Compostable Bowl	12 oz.
World Centric	Bowls		Cornstarch and Talc		X	World Centric ZeroWare Reusable Dinnerware	20 oz.
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Nordic Paper	Food Service Paper	Natural Greaseproof paper	Grease-resistant paper, PFAS-free	X		Nordic Paper Natural Greaseproof paper	Paper manufacturer
RestaurantWraps.com/Seaman Paper	Food Service Paper	Ecolite	Grease-resistant paper, PFAS-free	X		Ecolite PFAS-Free Grease Resistant Paper	Paper manufacturer
Twin Rivers Papers	Food Service Paper	Acadia Eco Barrier	Grease-resistant paper, PFAS-free, uncoated	X		Acadia Eco Barrier papers	Paper manufacturer
Biodegradable Food Service	Food Trays - school lunch	Earth Maize	PLA, Foamed	X		Earth Maize Foam PLA Trays	5-compartment
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Eco-Products	Food Wraps		Waxed paper	X		Eco-Products' Eco-Craft Interfolded Deli Paper	10" X 10.75"
If You Care	Food Wraps		Waxed paper, soy wax	X		If You Care Unbleached Wax Paper	75' X 12" roll
If You Care	Food Wraps		Parchment Paper	X		If You Care Parchment Paper	
Vegware	Food Wraps		Waxed paper	X		Vegware Waxed Deli Sheets	12" X 12"
AJM Packaging Corporation*	Plates	Nature's Own Green Label	Paper, uncoated	X		AJM Packaging Corporation Nature's Own Green Label	6" and 9" white
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Eco-Products	Plates	Vanguard	Bagasse (Molded Sugarcane Fiber)	X		Eco-Products Vanguard Line of Compostable Plates	10" plates (single and three-compartment)
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many options	Plates		Ceramic		X		Many sizes

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