

Options to Reduce Greenhouse Gas Emissions From Food Waste in Corvallis					
	Voluntary Options			Required Options	
	<u>Option A</u>	<u>Option B</u>	<u>Option C</u>	<u>Option D</u>	<u>Option E</u>
	"Business as Usual"	Outreach and Subsidies for All Organizations	Outreach and Increased Subsidies for Large Organizations [3]	Large Organizations[3]	All Organizations [3]
Summary	Continued voluntary participation in separating food waste with no added involvement or cost to the City	Models Eugene's "Love Food Not Waste" model to offer reduced rates for commercial food waste collection for all food-handling organizations. [1]	Modifies Eugene's "Love Food Not Waste" model to offer reduced rates to only large food-handling organizations but at a greater incentive than a 20% reduction from commercial garbage rates. Novel Program	Modifies Metro Food Scraps Separation Policy to implement a program that is only required for large food-handling organizations that generate 1,000 pounds or more of food scraps per week. Novel Program	Models Metro Food Scraps Separation Policy to implement a required program for all food-handling organizations* [8]
Implementation	Voluntary - no City involvement	Voluntary - Financial Incentive - implemented by City	Voluntary - Financial Incentive - implemented by City	Policy supported incentive-based program	Policy supported required program
Organizations Impacted	Organizations pay to voluntarily join program. Currently, composting food waste is more expensive than the garbage rate. The program contains systemic barriers and disincentives.	All food-handling organizations in Corvallis	Large food-handling organizations in Corvallis that generate more than 1,000 pounds of food scraps per week.	Large food-handling organizations in Corvallis that generate more than 1,000 pounds of food scraps per week.	All food-handling organizations in Corvallis
Benefits and Incentives to Organizations		Food waste collection costs to all businesses are reduced 20% [7] by separating organics; need financial proforma from RS	Food waste collection costs to large organizations are reduced more than 20% by separating organics; need financial proforma from RS	Costs to organizations are reduced by separating organics from large organizations; need financial proforma from RS	All organizations that meet food waste requirement: 250 pounds or more of food scraps per week. Separation of back-of-house food scraps from landfill waste. Rolled out in 3 stages starting with the largest food waste generators.
City's Involvement	No involvement/costs to City.	Involvement/costs to City - City Council allocates X# of people-hours to "administer" and support large organizations	Involvement/costs to City (similar to Option B) - City Council allocates X# of people-hours to "administer" and support large organizations. Larger investment due to Novel Program. Contract with independent consultant to work with RS on fee schedule	Involvement/costs to city may be less than previous options, depending on how hauler and city administers program. Contract with independent consultant to work with RS on fee schedule	Involvement/costs to city may be minimal depending on how city council decides the city and hauler administers the program and bundles and spreads the costs. Contract with independent consultant to work with RS on fee schedule
Program Funding Possibilities		Outreach program provides organizations technical assistance to assist with program set-up, waste prevention, and reduction.	Outreach program provides organizations technical assistance to assist with program set-up, waste prevention, and reduction.	Outreach program provides organizations technical assistance to assist with program set-up, waste prevention, and reduction.	Outreach program provides organizations technical assistance to assist with program set-up, waste prevention, and reduction.
		In Eugene, staff time is funded through the license fees paid by Eugene's licensed solid waste haulers. The commercial and residential food waste collection costs are packaged into the overall solid waste rate structure, which allows the rates charged for the collection of trash to partially subsidize organics collection.		Metro provided funding to local governments; commercial organics tip fees were collected to process commercial food scraps; regional system fees and local governments funded education and technical assistance programs	
Estimated % of Food Waste and Other Compost Recovered (Net Result)	Currently, 11% of food waste and other compost is recovered [5]	Estimated 20% [5]	Estimated over 20% [5]	Estimated 20-25%	Estimated 30% [2]
Greenhouse Gas Reduction	No additional reduction in annual CO2	Reduces up to 429 metric tons of CO2e annually	Reduces more than 429 metric tons of CO2e annually	Reduces 686 metric tons of CO2e annually	Reduces 1115 metric tons of CO2e annually
Does estimated food waste recovery rate meet Oregon 2020 Goals of 25% food waste recovery? [2]	No	No	Potentially	Yes	Yes, exceeds goals
References					
[1] Eugene Why-Compost-FAQ [2] IDEQ Legislative Report pg. 11 [3] Metro Report [4] Lane Report pg 21 [5] 2007-2021 DEQ Waste Reports [6] DEQ waste impact calculator [7] Eugene Love Food Not Waste 20% [8] proposed ordinance [6] 2022 DEQ Waste Report					