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AK FAW TWG Policy Option Balloting Results

- 6 out of 10 members of the FAW TWG participated in the balloting process.

FAW Policy Option #	Suggested Policy Option Name	FAW Catalog Option No.	FAW Catalog GHG Reduction Policy Option	Total Individual Selections	TWG Member Comments
<i>High Priority for Analysis</i>					
FAW-1	Advanced Waste Reduction and Recycling	9.3	Advanced Waste Reduction and Recycling	5	<ul style="list-style-type: none"> TWG has discussed possibility of adding landfill gas methane utilization as a GHG mitigation strategy. However, few landfills outside of Anchorage are large enough to supply enough LFG for energy utilization. Distance to market for energy also a consideration.
		9.5	Source Reduction Strategies	5	

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FAW-2	Forest Management Strategies for Carbon Sequestration	2.5	Mitigation of Forest Carbon Sequestration Loss due to Fire	4	<ul style="list-style-type: none"> • 2.2 – 2.5 are related and could be bundled for study / policy purposes • Bundle 2.4 with 2.7 • 2.3: Emphasis on post-fire restoration • The TWG noted that 2.5 was intended to focus on CO₂ sequestration loss due to forest fires. • 2.3 has been re-worded from original Catalog title.
		2.4	Forest Management for Carbon Sequestration	3	
		2.3	Afforestation of Non-Forested Lands and Reforestation of Poorly Stocked Lands.	2	
		2.7	Silviculture Improvements	1	

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FAW-3	Expanded Use of Biomass Feedstocks for Electricity, Heat, or Steam Production	1.1	Expanded Use of Forest Biomass Feedstocks for Electricity, Heat, or Steam Production	2	<ul style="list-style-type: none"> • Bundle 1.1, 4.1, and 9.1 • Bundle 1.1 and 9.1 • TWG questioned the inclusion of 4.1, but this Catalog item will remain a part of FAW-3 pending a state-wide biomass inventory to ensure sufficient agricultural feedstock exists to justify its inclusion (NRCS key contact). • TWG recommended the inclusion of 3.1 and 3.2.
		9.1	Expanded Use of MSW Biomass Feedstocks for Electricity, Heat, or Steam Production	2	
		4.1	Expanded Utilization of Biomass Feedstocks for Electricity, Heat, or Steam Production	0	
		3.1	Improved Mill Waste Recovery	2	
		3.2	Improved Logging Residue Recovery	1	
FAW-4	Expanded Use of New, Used, & Recycled Wood Products for Building Materials	1.5	Expanded Use of New, Used, & Recycled Wood Products for Building Materials	3	<ul style="list-style-type: none"> • This option received support from the TWG.

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FAW-5	In-State Liquid Biofuels Production	1.2	In-State Liquid Biofuels Production (Forestry Feedstocks)	2	<ul style="list-style-type: none"> Bundle 1.2 with 9.2 As with FAFW-3, TWG supports inclusion of agricultural feedstocks (4.2), pending biomass inventory.
		4.2	In-State Liquid Biofuels Production (Agriculture Feedstocks)	1	
		9.2	In-State Liquid Biofuels Production (Waste Feedstocks)	0	
Medium Priorities for Analysis					
		3.3	Promotion of In-state Forestry Products	2	
		9.4	Promotion of Bioreactor Technology (Advanced Municipal Solid Waste Practices)	2	
		9.9	Decrease Emissions from Waste Collection	2	
		10.4	Mixed MSW Composting	2	<ul style="list-style-type: none"> Using composted organic waste as cover material would be a benefit to many Class III landfills.
Low Priorities for Analysis					
		1.3	Improved Energy Capture from Wood Waste Combustion	1	

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		1.4	Improved Commercialization of Biomass Conversion Technologies	1	
		2.6	Mitigation of Forest Loss Due to Insects/Disease	1	
		5.1	Manure Management & Utilization	1	
		6.2	Nutrient Management	1	
		6.4	Water Management	1	
		8.1	Increase On-farm Energy Production and Efficiency	1	
		8.2	Promotion of Farming Practices that Achieve GHG Benefits	1	
		8.3	Programs to Support Local Farming / Buy Local	1	
		9.7	Enhanced Management of Organic Waste	1	
		9.8	Improved Commercialization of Biomass Conversion Technologies	1	
		9.10	Management Strategies for Class III Landfills	1	
		10.3	Landfill Methane Energy Programs	1	<ul style="list-style-type: none"> Use of landfill gas in Anchorage will use fuel currently being flared (wasted) and reduce natural gas fuel burn.
		11.2	Energy Efficient Improvements (Wastewater treatment)	1	

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		11.3	Lower Waste Processing Needs (lower water consumption, waste production)	1	
		11.5	Algae and Bio-Oils	1	
		11.6	Utilization of Biosolids as Fertilizer Substitute	1	
		2.1	Forest Protection – Reduced Clearing and Conversion to Non-forest Cover	0	
		2.2	Urban Forestry	0	<ul style="list-style-type: none"> • 2.2 – 2.5 are related and could be bundled for study / policy purposes
		4.3	Manure Digesters / Other Waste Energy Utilization	0	
		4.4	Improving Energy Capture from Biomass Heat	0	
		4.5	Expanded Production / Use of Bio-based Materials and Chemicals	0	
		4.6	Improved Commercialization of Biomass Conversion Technologies	0	
		5.2	Changes in Animal Feed	0	
		5.3	Technology Improvements to Increase Waster Conservation	0	
		6.1	Soil Carbon Management	0	
		6.3	Technology Improvements to Increase Efficiency	0	

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		6.5	Drainage Management	0	
		7.1	Land Use Management that Promotes Permanent Cover	0	
		7.2	Preserve Open Space / Agricultural Land	0	
		8.4	Promotion of Urban Agriculture, Community Gardens, and Green Roofs	0	
		9.6	Resource Management Contracting	0	
		10.1	Flare Landfill Methane at non-NSPS (smaller) Sites	0	
		10.2	Methane and Biogas Energy Programs	0	
		11.1	Wastewater Treatment Plant Biosolids for Energy Production	0	
		11.4	Install Digesters and Turbines or Engines	0	