

WGYC REGIONAL RECYCLING STUDY
Potential Waste Diversion Alternatives*

	POTENTIAL ALTERNATIVES	COMMENTS
	DIVERSION POLICY	
	Volume- or weight-based trash pricing w/wo bundled recycling	Utilize same sized containers or on-board scales where possible to control costs
	Dual- or single-stream recyclables	Address inclusion/exclusion of glass
	Disposal bans - C&D, ewaste, cardboard, burn barrels (county-wide)	Identify specific streams
	Burn ban for MSW materials including yard waste/wood	With applicability to waste generators, city/county waste managers
	Tip/user fees visible to users (i.e., not buried in property taxes only)	To avoid perception that trash is "free"
	Self-haul tip fees to encourage curbside trash subscription	Which would hopefully increase recycling also
	Significant transfer station/landfill tips for mixed loads	Sort fees
	Refundable user fees for residents/businesses who recycle	Could be based on verifying curbside, drop-site or self-haul service
	Enforcement for policy compliance, illegal dumping	Most governments have limited enforcement capability currently
	Local requirement for new construction to include room for recycling	Target new/major renovations of MFU/commercial buildings
	Hauler contracts with diversion incentives	Include recycling (through same/partner company), create hauler incentives/thresholds for diversion, set higher tip fees for haulers that don't provide recycling, required customer education
	Collection policies that address organics collection	Can be bundled with trash, establish source separation, create incentives, etc.
	Mandatory multi-family/commercial diversion	Tie to utility bills (need enforcement), target large generators only (can expand to food waste in future)
	TRADITIONAL RECYCLABLES	
	Accept new materials (all plastics, paperboard)	For curbside, drop-site, self-haul collection - will likely require more tons and access to larger processor/end-users
	Regional MRF for commingled/source-separated	Relatively central location closest to waste centroid - Idaho Falls vicinity? - potentially with rail access (address cost /benefit of regional haul for all materials)
	"Sub hubs" to support recyclables collection to feed central MRF	
	Major Jackson trans/bale operation (serve parks/MT in summer)	Coordinate hauling "milk runs" between Tetons - use TS to separate/manage locally used/banned mtls - may lose MT tons in summer months?
	Minor Driggs transfer/bale operation (serve Teton ID year-round)	
	Major BYU/Rexburg trans/bale operation (serve Madison, Fremont, others?)	Consider expansion for BYU to handle more than Rexburg materials while maintaining student jobs
	Expand/support local markets for glass	FilterPave, Development Workshop, landfill road base/cover, other (address need for contractual agreements)
	New local markets for plastics (such as fuel production)	Evaluate cost/benefit of local use versus long-haul (storage, bale, etc.)
	ORGANICS	
	Multi-county operations for yard/wood/animal composting	Possibly Teton WY/ID and Fremont/Madison
	Teton WY/ID commingled yard/wood/animal (ID location)	Add food waste in future (transportation logistics/costs need to be considered)

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	ORGANICS (continued)	
	Madison/Fremont yard/wood/animal	Need wood feedstock - centroid-based location (Rexburg?)
	Food waste composting	Especially for high-commercial areas (Teton WY, Idaho Falls)
	Additional local outlets for wood	Contaminated wood as fuel (Basic American, Mountain West), clean wood as product (Mountain West, other)
	Local ownership/operation of mobile wood chipper/mulcher	To support composting and mulch give-away/sale
	Diversion options for ag waste and biosolids	Including reuse
	Markets for mulch and finished product	Such as agreements with large feedstock suppliers (parks, resorts)
	CONSTRUCTION/DEMOLITION (C&D) DEBRIS	
	Local markets for new materials	Shake/asphalt shingles, drywall, carpet/carpet pad, mattresses, concrete/other masonry
	Local ownership/operation of mobile concrete crusher	Much more limited need than for wood chipper/mulcher
	Voluntary green building program	To encourage and recognize sustainable building practices, incorporate incentives into permitting process
	Mandatory deposit program w refund tied to diversion requirements	Set de minimis project type, valuation and/or size threshold (need for contractor training especially for deconstruction if included)
	OTHER	
	Broader service area (other ID and MT counties)	To reduce regional facility costs, increase market leverage
	Regional outreach and education programming	Including consistent messaging, branding
	New markets for other materials	Textiles (uniforms), mattresses, bear spray canisters
	Regional HHW/CESQG facilities	
	BYU dormitory recycling (especially move out)	Pilot containers/enforcement (utilize program examples from other universities)
	Business incubator concept for creative new markets/jobs	Possibly house at BYU-Idaho

* Development of potential alternatives to support more collaborative, consistent and aggressive waste diversion were developed by WGYC project stakeholders during a series of one-on-one, county and consortium meetings held during the week of July 15, 2013 (see also the "Regional Recycling Study Initial Stakeholder Presentation" dated July 18, 2013)

SCREENING CRITERIA FOR POTENTIAL WASTE DIVERSION ALTERNATIVES

REGIONAL WASTE DIVERSION ALTERNATIVES	TONS	COSTS			JOB	IMPLEMENTATION				
	Tons Diverted	Capital Costs	Annual O&M Costs	Avoided Landfill Costs	Jobs Created (FTEs/year)	Ease of Initial Development	Business/Partnership Opportunities	Organizational Needs	Accessibility	Social Equity
<p><i>Pre-screening, qualitative evaluation to be applied to all Regional Waste Diversion Alternatives on a scale of 0 (not applicable/no impact) to 5 (highest impact)</i></p>										