

Category: ENVIRONMENTAL PURCHASING AND WASTE REDUCTION

Initiative/Track: Minimizing our Waste Footprint

Quantitative Goal: Divert solid waste from landfills – 75% by 2016 and 90% by 2020

Goals that Apply:

- Purchase environmentally friendly products
 - Ensure most suitable use of waste products
 - Educate employees and visitors
- Needs: Yellowstone's existing operation has accomplished 59% diversion (2012 and 2013), yet approximately 50% of waste is still recyclable; mostly plastic. We need to make significant changes to reach our goals.
- Priorities = Input from workshop participants

Action Plan:

Overall Priority	Objectives that Apply	Actions	Challenges/Suggestions	Responsible Party/Partners	Time Line	Funding sources
3	Follow EPA's recommendations and comply with standards and guidelines Include policy requirements and criteria in all contracts	<ul style="list-style-type: none"> • Provide specifications and sample contract language to all project managers Priority 1 <ul style="list-style-type: none"> – FAR 23.103-Sustainable Acquisition (a) 95% of new contract actions for the supply of products and services require that the products are 1) energy efficient, 2) water efficient, 3) bio-based, 4) environmentally preferable, 5) non ozone depleting, 6) made with recovered materials. Exceptions only if greener alternatives 1) are unreasonably priced, 2) will not meet performance, 3) not available • Develop tools to help implement established standards Priority 2 <ul style="list-style-type: none"> ◦ Example, for green building: <ul style="list-style-type: none"> ◦ IECC 2012 and ASHRAE 90.1 2010 ◦ EPA Comprehensive Procurement Guidelines ◦ IgCC (International Green Construction Code): 55% of building materials must be recycled, recyclable, bio-based or indigenous 				
4	Offer Visitors environmentally responsible choices Implement Purchasing Policies Provide water filling stations with messaging that promotes drinking of Yellowstone tap water and the environmental benefits of refilling water bottles	<ul style="list-style-type: none"> • Implement Single Use Plastic Reduction Initiative Priority 1 (see separate planning effort underway) <ul style="list-style-type: none"> • Approach vendors to <ul style="list-style-type: none"> ◦ reduce packaging ◦ provide green alternatives using containers with minimum waste/carbon footprint • Engage local business and gateway communities Priority 2 • Provide incentives for guests to enjoy greener services <ul style="list-style-type: none"> ◦ Reduce lodging rate for providing less janitorial services (wash towels, empty bin, clean?) ◦ Reduce automatic giving of luxuries in service such as straws, ice (share true cost of serving ice?) ◦ napkins, and single use toiletries. • Network at NPS/Federal level <ul style="list-style-type: none"> ◦ Develop branding of sustainable products. E.g. NPS canned drinks = 5% proceeds to parks ◦ Work with NPS uniform company to green clothing items, shipping and packaging 	Water bottle filling stations and messaging = \$46,200 (see initiative for details)			
	Standards and strategies for recycling and reusing construction and demolition waste	<ul style="list-style-type: none"> • Work to meet goal of min 50% non-hazardous waste recycled or salvaged for all new construction projects and provide max possible opportunities for recycling and salvage in renovation and demolition projects (Guiding Principles) • Implement framework and tools Priority 1 <ul style="list-style-type: none"> ◦ Report waste and recycling materials and quantities for all projects (contracted and NPS) ◦ Provide information to project managers for all recyclable products and their destination options ◦ Identify and provide best bins for efficient collection and staging <ul style="list-style-type: none"> ▪ 4 yards, with rotator and lids ▪ Covered for carpet • Investigate new end markets/use of recycled products <ul style="list-style-type: none"> ◦ Plastic to plastic, tin to tin? ◦ glass in products ◦ park souvenirs? ◦ Chip clean wood products to avoid sending to landfill 	Covered trailer for recycling carpet - \$10,000 wood chipper?			