Appendix G: Potential Performance Measures from the Go Greener Challenges

NOTE: Performance measures from the Go Greener Lab Challenge should be considered draft and are subject to change. The Go Greener Lab Challenge will be piloted in select NIH labs in Spring 2009. This appendix will be updated to incorporate changes that may result from the pilot. The updated appendix will be available at nems.nih.gov/greening/guide/.

Challenge	Question Number	Performance Measure
Air/Water Pollution		
Lab	2.19	Number of labs purchasing phosphate-free, biodegradable, chlorine-free, non-corrosive, clean-rinsing detergents
	2.20	Number of labs purchasing concentrated cleaners and detergents
	2.25	Is the fume hood closed to the appropriate height that will allow for 100 ft/sec flow rate when not in use?
Electricity Consumption		
Lab	2.3	Number of lights turned off when not in use
	2.4	Number of lights turned off after hours
	2.5	Number of equipment and monitors turned off when not in use
	2.6	Number of equipment and monitors turned off (no screen savers) after hours
Office	1.7, 1.23, 1.32, 1.44, 1.71	Number of lights in office spaces turned off after hours
	1.8-1.12, 1.25, 1.45-1.49, 1.73-1.77	Number of office equipment in Sleep/Power Save mode after hours
	1.24, 1.72	Number of computers and monitors turned off (no screen savers) after hours
	1.31, 1.67	Number of small appliances unplugged when not in use
	1.68	Number of employees whose ENERGY STAR® power management features are enabled
	1.69	Number of compact fluorescent light bulbs used in free standing lamps
	1.70	Number of lights in workspaces turned off when not in use
Fuel Consumption		
Lab	2.21	Number of labs purchasing materials from the NIH self-service stores or stock catalog (GDC warehouse) when possible to reduce transport of materials
	2.22	Number of labs purchasing lab equipment from the Property Utilization Branch
	2.23	Number of labs consolidating orders and vendors when possible
Office	1.87	Number of employees participating in the Transhare program
	1.88a	Number of trips to/from NIH in a personal car with no passengers
Paper & Materials Consumption		
Lab	2.12	Number of labs recycling journals and other paper products *(also listed under Waste Generation)*
	2.24	Number of labs using electronic or CD versions of catalogs

Challenge	Question Number	Performance Measure
Office	1.17, 1.55, 1.81	Number of office spaces with copiers and printers containing at least 30% post-consumer recycled content paper
	1.18, 1.56, 1.82	Number of office spaces where majority (<50%) of office products contain recycled content
	1.36	Number of kitchens or vending areas stocked with reusable plates, cups, or cutlery
	1.37	Number of kitchens or vending areas stocked with biodegradable plates, cups or cutlery
	1.89	Number of employees using stocked with reusable plates, cups, or cutlery
	1.90	Number of employees using biodegradable plates, cups or cutlery
	1.19, 1.20, 1.57, 1.58, 1.83, 1.85	Number of printers and copiers with duplexing (double-sided) capabilities
	1.84, 1.86	Number of employees printing and copying double-sided documents
Waste Generation		
Lab	2.7	Number of labs recycling cardboard packaging
	2.8	Number of labs recycling or returning other packaging (e.g., Styrofoam coolers, ice packs)
	2.9	Number of labs recycling pipette tip racks
	2.10	Number of labs using pipette tip reload systems
	2.11	Number of labs recycling non-contaminated glass bottles
	2.12	Number of labs recycling journals and other paper products
	2.13	Number of labs recycling plastic labware
	2.14	Number of labs recycling X-ray film
	2.15	Number of labs using digital imaging
	2.16	Number of labs recycling plastic and glass containers (including tissue culture media) if they are NOT contaminated with hazardous, infectious, or radioactive waste
	2.17	Number of labs recycling batteries from lab equipment
	2.18	Number of labs recycling empty solvent bottles through hazardous waste pick-up
	2.22	Number of labs providing surplus lab equipment to the Property Utilization Branch
	2.26	Number of labs using mercury-free thermometers and other equipment
	2.27	Number of labs purchasing or providing unused chemicals through the chemical exchange distribution list through the Lab Managers listserv
	2.28	Number of labs currently sharing chemicals within the IC or with other ICs
	2.29	Number of labs maintaining chemical inventories
	2.30	Number of labs using non-radioactive labeled markers

Challenge	Question Number	Performance Measure
	2.31	Number of labs using non-hazardous liquid scintillation counting fluid
	2.32	Number of labs disposing of unwanted source vials, unwanted chemicals, and lead bricks
	2.40	Number of labs using a silver recovery unit for photo development activities
Office	1.16, 1.29, 1.35, 1.53, 1.80	Number of waste bins that contain only non-recyclable waste
Water Consumption		
Lab	2.33	Number of labs recirculating water in equipment with cooling systems (use a cooling loop)
	2.34	Number of labs repairing leaky faucets
	2.35	Number of labs following the NIH Policy that only water can go down the drain or that have obtained an exception from the Division of Environmental Protection for substances poured down the drain
	2.36	Number of labs using reverse osmosis (RO) water to feed their deionizing system
	2.37	Number of labs that avoid distillation to purify water
	2.38	Number of labs using Type II water (i.e., RO water) for all water needs, i.e. washing glassware, buffers, water baths
	2.39	Number of labs, if supplied, using building wide water purification system