Sustainable Purchasing

Ideas to Conserve with Business Purchases

Kathy Driscoll, EHS Officer

MA Maritime Academy

Goal

- To provide reusable and recyclable business products to staff and faculty while minimizing packaging, ineffective/gimmicky products, and toxic contents.
- Reduce plastic composition from products when feasible.
- Reduce excess packaging where available.
- Opt for products with greater than 50% recyclable material, particularly paper.
- Commit to purchasing Energy Star appliances and equipment.
- → Increase specific recycling including metals, electronics, paper/cardboard.

Packaging

- Request list of items that do not come in plastic packaging
- Look for items sold in paperboard/recyclable boxes
- Limit items that come in plastic wrapping
- Prioritize durable items

- Send boxes and packing materials back to vendors.
 - Cardboard is becoming highly used but little is being recycled back into boxes forcing new boxes to be made.



Item ID	Description	UM	Green	Recy	Qty
SAN65870	PEN,RBALL,GEL,IMPCT,RT,BK	EA	N	N	6
SAN80001	MARKER.EXPO 2.CHISEL.BK	DZ	Y	N	35
SAN80556	MARKER, EXPO 2, ORGANIZER	ST	N	N	15
SAN81505	ERASER, DRY ERASE SOFT PILE, 5 1/8W X 1 1/4H	EA	N	N	52
SAU21602	CLIPBOARD,RECYLED,BE	EA	Y	Y	6
SAU21603	CLIPBOARD, RECYCLED, BK	EA	Y	Y	15
SMD10343	FOLDER, TPTB, CUTLS, LTR, MLA	BX	Y	Y	6
SWI35108	STAPLE, STD SZ 5M/BX (66000)	BX	N	N	25
SWI64601	STAPLER, DSK, FULL STRIP, BK	EA	N	N	8
TOM68666	TAPE, REFILL, MONO, CRCTN, WE	EA	Y	Y	6
TOP35500	PAD,COMPUTATION,LTR,100SH	PD	N	Y	10
UNV00700	STAPLE REMOVESR(93050,95691)	EA	N	N	7
UNV05610	CLIPBOARD, MEMO, 6X9	EA	N	N	14
UNV08100	TRAY, DESKTP, LETTER2/PK, BK	PK	Y	Y	7
UNV10199	CLIP, BINDER, 15MM,DZ	DZ	N	N	12
UNV10200	CLIP, BINDER, SMALL, BC05, 99020, 78200	DZ	N	N	10
UNV10210	CLIP, BINDER, MEDIUM	DZ	N	N	26
UNV10441	CLOCK,12-24HR,12.5",BK	EA	N	N	14
UNV12113	FOLDER,MLA,1/3 CT,LTR,100BX(1103)(BSN17525)	BX	Y	Y	7
UNV14118	FOLDER, HANG, LTR, 25/BX, RD (4005RD)	BX	Y	Y	6
UNV14119	FOLDER,HANG,LTR,25/BX,YW (4005YW)	BX	Y	Y	10
UNV20630	PAD,LGL RULD,PERF,LTR,WE (20-360)	DZ	N	N	7
UNV20921	SHEET, FILLER, 8.5X11, COLLEGE RULE, 200SH	PK	Y	N	21
UNV24264	PENCIL, GOLF AND PEW[14998]	BX	N	N	10
UNV27410	PEN,BALL,MED,BK,47410	DZ	N	N	13
UNV35412	BNDR,RNG,11X8.5,3IN,BE,(04600)	EA	Y	Y	6
UNV40304	CLIPBOARD, STD CLP, LETTER	EA	N	N	22
UNV42215	TABS, HANG FOLDER 1/5 CLEAR, 25/PK (4005T)	PK	Y	N	8
UNV46300	PAD,LGL RULD,PERF,5X8,WE	DZ	N	N	6
UNV55400	PENCIL, HB #2, YELLOW BARREL, DOZEN	DZ	N	N	7
UNV72210	CLIP,#1,GEM,SMOOTH,1M/PK	PK	N	N	6
UNV76620	BOOK,STENO,GREGG,GN,60 SH	EA	N	N	6
UNV76920	BOOK,STENO,GREGG,GN,70SH (7069G)	EA	N	N	12
UNV81001	FASTENER, 2PC, 1"CAPACITY	BX	N	N	18
UNV96920	BOOK,STENO,GREGG,WE,80 SH (25-774) 6EA/PK	EA	N	N	21
VER95236	DRIVE,USB 4GB,RD	EA	Y	N	10
VER97002	FLASH DRIVES, 4GB, STORE N GO, 3PK	PK	N	N	8
WAU91904	PAPER,LASER,250SH,65#,BRW	PK	N	N	6
WBM21200	PAPER,FLGSHP, 8.5X11,92BR,20#	СТ	Y	N	450
WBM24200	PAPER,XERO/DUP,WE,LGL,20#	RM	Y	N	8

Office supply vendor can provide list of common purchased items, green/recyclable items, and items that have no recycled content.

Set a preferred purchase order or remove items that do not suit purchasing goals.

Simplify

- Review recent purchases and negotiate for more sustainable item at same or competitive price.
- Eliminate single use items, especially pens.
- Limit choices/options:
 - Calendars
 - Desk accessories
 - Pens, pencils, markers
 - Folders, binders, notebooks
- Establish approved "buy from" list.

Single Use and Non-recyclable Items



Sustainable Products



Process

- Reach out to vendor(s) for lists of purchased items
- Review list, identify items in an order of priority, such as:
 - Durable and reusable
 - Minimizes waste and resources
 - Made from recycled content
 - Recyclable (preferably into same or similar product)
 - Recyclable (into different product)
 - Made from raw materials but recyclable
 - Not recyclable

- Work with group to develop list of recommended items, if needed
- Present to management for review/implementation
 - Include cost savings through procurement and waste minimization
 - Identify how it meets sustainability goals
- Coordinate with vendor to implement approved purchase lists
- Communicate with employees of purchasing program and its benefits
- Review program within a year to ensure goals and benefits are being achieved

Questions to Ask

- Do I need it or want it?
- Is product available to share?
 - How do I ask if product is available to give or loan before purchase?
- What will be done with it when I'm finished?
- Can a supply reuse program be set up?

- Think about how many of the following are sitting in offices in your workplace:
 - File folders
 - Hanging folders
 - Inter office mail envelopes
 - Pens and pencils
 - Staplers, scissors, tape dispensers
 - Clipboards
 - Binders

Plastic Ban on Campus

- Prohibit the purchase and use of single use plastic beverage bottles on campus.
- Eliminate plastic bags in school bookstore including shipments of stock.
 - Return plastic bags when elimination isn't feasible
- Substitute products that typically come in plastic with other packaging:
 - Laundry bottles \rightarrow powdered product in boxes
 - Plastic beverage bottles with glass/aluminum or concentrate packages (i.e. ice tea)
 - Use of concentrate cleaning pods in reusable spray containers
- Communicate environmental and economic benefits of plastic reduction.

Thank You

Kathy Driscoll

Environment, Health, Safety, & Sustainability Office

MA Maritime Academy