Affirmative Procurement

What Does DLA Sell and Who is Buying Green?

Presented by Karen Moran, HQ DLA, DSS-E
NDIA Environmental & Energy Symposium
Richmond VA
April 8, 2003

The DLA Enterprise…
A Fortune 500 Company

Fortune 500: 2002
-DLA #98
-Coca-Cola #99

Scope of Business

- 1312 Weapon Systems Supported
- $80.5B Inventory
- 125.0M Net Barrels Sold
- $13.5B Annual Reutilizations/Disposals
- 20M Annual Requisitions
- 23.3M Annual Receipts & Issues
- 22 Distribution Depots

People

WORLDWIDE
- 22,627 civilians
- 491 active duty military
- 618 reserve military

48 states

28 countries

FY02 Sales/Services: $20.6B

▪ Supply: $15.2B Annually	
Def. Supply Ctr. Columbus:	$2.3B
Def. Supply Ctr. Richmond:	$2.7B
Def. Supply Ctr. Philadelphia:	$7.6B
Def. Energy Support Ctr.:	$5.6B

- ▪ Distribution: $1.4B annually
- ▪ Disposal: $.3B annually
- ▪ Stockpile: $.3B annually
- ▪ Document Automation & Production: $.4B annually

Foreign Military Sales

- ▪ Sales: $702M annually
- ▪ Shipments: 670M annually
- ▪ Top 10 customers
  - S. Korea -Taiwan -Israel -Turkey
  - Greece -Australia -Saudi Arabia
  - Egypt -Germany -Spain

DLA's Top 100 customers include 24 nations

Small Agency . . . Doing BIG Business!

DLA-managed Green Products
FY02 Total Requisitions = $4,878,281.99

LUBRICATING OIL CONTAINING RE-REFINED OIL	$2,797,012.17
RECLAIMED ENGINE COOLANT	$1,086,061.24
FLUORESCENT TUBE LAMPS	$327,627.18
REMANUFACTURED TONER CARTRIDGES	$227,193.73
URINALS	$128,779.65
PAPER AND PAPER PRODUCTS	$103,388.83
FLUORESCENT BALLASTS	$96,715.79
ICE CUBE MACHINES	$72,815.03
ROOM AIR CONDITIONERS	$34,036.99
EXIT SIGNS	$3,314.22
CLEANING COMPOUNDS	$1,173.28
BINDERS, CLIPBOARDS, FILE FOLDERS, CLIP PORTFOLIOS	$163.88

Environmentally Preferable Product Program (EPP)

- Cross service, multi-agency initiative

- To help DLA customers accomplish the goals and objectives outlined in Executive Orders, RCRA and other key legislation

- Increased visibility due to new reporting requirement in Sec. 314, FY03 Defense Authorization Bill

  - DLA to track and report annually to Congress on DoD procurements of EPP, to include percentages
  - First report due by March 1, 2004, on FY03

Environmental Attributes

- Environmental Attribute Codes (ENAC) for NSN items in the Federal Logistics Information System (FLIS)
- Signifies that a product meets strict, definable environmental standards and criteria from an approved certifying organization
- Currently applied to roughly 1600 items managed by DLA and GSA
- DLA formed and chairs a Joint Group on Environmental Attributes (JGEnvAtt) to seek out and evaluate clearly definable environmental product criteria or 'attributes' from recognized environmental organizations
- JGEnvAtt process: Identify, evaluate and through a consensus building process, approve Environmental Attributes or criteria to be applied to products in the FCS.
   -- Voting Members: DLA, Army, Navy, Air Force, Marine Corps, GSA
   – Advisors: EPA, USDA, DOE, OSD

Environmental Attributes approved to date by the JGEnvAtt

- **Recycled Content--** products that meet or exceed the specific product CPG: Comprehensive Procurement Guideline - Recovered Materials Advisory Notices (RMAN) as outlined on the EPA website.

- **Energy Efficient** -- products that meet DOE Energy-Efficient Products Standards -- products in the top 25 percent of energy efficiency for all similar products, or at least 10% more efficient than required by DOE standards, or meets efficiency criteria of the EPA/FDOE Energy Star label.

- **Water Conserving** -- Plumbing fixtures that meet or exceed the Department of Energy (DOE) Federal Energy Management Program (FEMP) recommended performance standards for flow rates, and are in the upper 25% of energy efficiency of that product group.

- **Low VOC Content** – any product that meets the VOC content requirements established in the California South Coast Air Quality Management Source Specific Standards

- **Low Standby Power** -- products that use minimal power when in a Low Standby mode, as outlined in Executive Order 13221 as listed in the Department of Energy Federal Energy Management Program (FEMP) listing of Standby Power Devices

- **Asbestos Alternative** -- replacement for a product that normally contains asbestos and has less than 1.0 percent asbestos by weight or area (as determined using EPA Test method

Re-refined Lubricating Oil

- ## Basic Re-refined Oil Program

  - API certified oil in your choice of 5W-30, 10W-30, 15W-40, 30 and 40.

  - No minimum orders.

  - Packaged in Quarts, 5 Gallon Containers, and 55 Gallon Drums.

  - World-wide delivery from Vendor to Customers

- ## Closed Loop Re-refined Oil Program

  - API certified oil in your choice of 30, 40, 10W-30 and 15W-40

  - Small minimum orders.

  - Includes pick up of your used oil for refining.

  - CONUS delivery of packaged and bulk products, available in Quarts, 5 Gallon Containers, 55 Gallon Drums, and bulk deliveries.

Ordering:

MILSTRIP/FEDSTRIP, Fax 800-352-3291, Phone 800-345-6333, D695-5698

IMPAC Card through EMALL (www.emall.dla.mil)

See also: www.dscr.dla.mil/pol/   POC: Ernest Jeniolionis, D695-4257

Reclaimed Engine Coolant
(aka Recycled Antifreeze)

- Conforms with EPA guidelines
- Might be purer since recycling process reduces chlorines from hard water
- Commercial Item Description that replaces 3 Mil Specs, specs same for virgin, recycled
- Army – 3 years ago, use recycled only, DLA to do automatic substitution
- Other Services -- similar directions
- POC: Cliff Myers, D695-3995

Recycled Antifreeze from DLA

Type	Content	Size	NSN
I	EGAF 100%	1 Gal	6850-01-464-9125
I	EGAF 100%	5 Gal Container	6850-01-464-9137
I	EGAF 100%	55 Gal Drum	6850-01-464-9152
IP	EGAF 60%	1 Gal	6850-01-464-9266
IP	EGAF 60%	5 Gal Container	6850-01-464-9263
IP	EGAF 60%	55 Gal Drum	6850-01-464-9096
50/50	EGAF 50%	1 Gal	6850-01-471-6530
50/50	EGAF 50%	5 Gal Container	6850-01-471-6534
50/50	EGAF 50%	55 Gal Drum	6850-01-471-6521

http://www.dscr.dla.mil/products/epa/n2.htm

Lighting

- Online energy efficient lighting catalog with over 5000 lighting items, such as compact fluorescent, high-pressure sodium, metal halide and low mercury fluorescent

- Projects /Initiatives
  - Tailored Logistic Support Projects
  - Over 25 Long term Contracts
  - Government/Industry Alliance: installation advice, training, new product development; DOE, EPA

The Lighting Team

http://www.dscp.dla.mil/gi/general/light1.htm

DSCP Lighting Management Division:

Tony Armentani 215-737-8047 aarmentani@dscp.dla.mil)
Dan Ferry   215-737-5778 dferry@dscp.dla.mil)
Rob Pezick 215-737-7797 rpezick@dscp.dla.mil)

Customer Support: Call 1-800-DLA-BULB lighting@dscp.dla.mil
Option #1 Phil Cufaro pcufaro@dscp.dla.mil
Option #2 Lee Edgil bedgil@dscp.dla.mil

Technical/ Quality Support:

Susan Berneski 215-737-4175
Harry Sands 215-737-9166

Acquisition Support:

Jeanette Moy 215-737-8253
Eric Ekberg 215-737-2765

Inventory Management Support:

Helen Price 215-737-5198 hprice@dscp.dla.mil
Susan Hill   215-737-3843 shill@dscp.dla.mil

"We never leave our customers in the Dark"

Toner Cartridges

- EPA CPG item (non-paper office product)
- Used in laser printers, photocopiers, fax machines, and microphotographic printers
- When the toner is replaced, the cartridges can be returned to the manufacturer to be refilled, refurbished, and cleaned for resale.
- EPA recommends that agencies procure remanufacturing services for expended cartridges and, when such services are unavailable or not practicable, obtain remanufactured toner cartridges or new toner cartridges made with recovered materials from product vendors

Remanufactured Toner Cartridges Available from DLA

Type		NSN
• I	EP (for CX engines)	6850-01-216-6823
• II	EP-S (for SX engines)	6850-01-261-6064
• III	IIISi/IVSi (for NX engines)	6850-01-343-6998
• IV	Laserjet4 (for EX engines)	6850-01-376-1766
• V	EP-L (for LX engines)	6850-01-321-0640
• VI	EP-P	6850-01-357-9991
• VII	FX1	6850-01-365-9568
• VIII	FX2	6850-01-416-7995
• IX	4V (C3900A)	6850-01-456-7989

Remanufactured Toner Cartridges, continued

Type		NSN
• XI	5L/6L (C3906A)	6850-01-456-7992
• XII	VSi (C3909A)	6850-01-456-7993
• XIII	4000 SERIES (C4127X)	6850-01-456-7994
• XIV	FX3	6850-01-456-7996
• XV	IBM 4019/4029 (1380200)	6850-01-456-7997
• XVI	IBM 4039/4049 (1380950)	6850-01-456-7998
• XVII	C4191A	6850-01-463-6378
• XVIII	C4192A	6850-01-463-6379
• XIX	C4193A	6850-01-463-6375
• XX	C4194A	6850-01-463-6376

POC: Cliff Myers, D695-3995

Bio-based Fuels (aka Biofuels)

- B20, a blend of 20% long chain fatty acids from vegetable oil and 80% low sulfur diesel fuel
- E85, a blend of 85% ethanol and 15% gasoline
- DLA's work with DOE on biofuels for Government fleets – began in 1999
- Driven by EO 13101 and 13149, Greening the Government Through Federal Fleet and Transportation Efficiency
  - Agencies to decrease petroleum consumption by 20% by 2005; 75% fleet to be alternatively fueled vehicles (AFV)
  - Biofuel use reduces regulated exhaust emissions and decreases petroleum imports

Biofuels

- ASTM standard for E85, none for B20
- Work to establish quality requirements for B20 so fuel works comparable to diesel
- Procurement clause established
- GSA approved B20 procured by DLA
- USPS, DOE, USDA, Park Service
- B20 requirements:
  – 1.4M gallons (2001), 5M gallons (2002)

POC: Pam Serino, D427-8363; George Atwood, D427-9509

Vehicular Battery Consignment Program

- Contract awarded April 2000 services all 50 states – current contractor is Exide
- Batteries included: 6TMF, 2HN, 4HN
- New Low Price: The 6TMF battery price is $72.92 for all sites (FY 2002 price).
- Direct Vendor Delivery for sites with total of 120 or less per year – order on as needed basis through MILSTREP
- Consignment of 30 day supply for sites with more than 120 per year – over 200 sites – requires application
- Contractor takes away the unserviceables (disposals) on a one-for-one basis
- More info: http://www.dscr.dla.mil/vbcp2/ or contact: Tracy Tingley, D695-5426; Dale Roberts, D695-3866

Exploratory Initiatives

- Asbestos elimination efforts
- Testing commercial biobased hydraulic fluid
  - 2 rounds so far for 2 mil specs – none satisfied
  - Looking at: 3rd round; reformulation; commercial equip
- Biobased Cutlery
  - DLA let R&D contract in 2002; Natick R&D performing functionality & safety testing
  - Tests show vast improvement since 1999
- Other: biodegradable plates, clam shells, food wraps, garbage bags; biobased adhesives

DLA Offers Green Services

- Environmental Products website (EPRO)
- Green shopping on EMALL
- DRMS – electronics demanufacturing
- Hazardous Material Information Resource system (HMIRS)
- Hazardous Technical Info Service (HTIS)
- Environmental Products website (EPRO)
- Hazardous Material Minimization Service
- "Buying Green" course
- Closed loop – batteries, lubricating oil
- Environmental Reporting Logistics System (ERLS)

EPRO website
(www.dlis.dla.mil/epro)

EMALL -- DLA's electroninc shopping tool (www.emall.dla.mil)

Defense Reutilization & Marketing Service (DRMS)

- Disposal of Hazardous property (waste or material) to maximize the use of each item and minimize the environmental risks and the costs associated with disposal

- Environmentally Preferable Electronics Demanufacturing Service
  - In four years, 100 million pounds processed through controlled dispositions
  - About 25% requires demilitarization

Flow for Electronic Property

- DRMS Receipt of Excess Property
- Reutilization or Redistribution (within DoD)
- Transfer to Federal Agencies
- Donations to State & Local
- Sale by DRMS Commercial Venture Agent
- Demanufacturing
  - Commercial contracts
  - MOU with UNICOR

Demanufacturing Concerns

- Environmental Protection
  - Electronics scrap sales to general public eliminated
  - Controlled disposal of:
    - Batteries of all types in electronics
    - Mercury switches
    - Lead, Chromium and Cadmium prevalent
  - Renewed Focus on leaded glass, keeping from landfill
  - Increased Recycling & solid waste diversion

Demanufacturing Concerns

- **Demil & Trade Security Controls**
  - Ensure that Munitions List Items (MLI) requiring destruction are destroyed
  - Ensure that MLI/CCLI not requiring destruction is registered to prevent unauthorized disposition
  - Ensure that sensitive data is destroyed (Interim hard drive and storage media policy)

Demanufacturing Segments

- **Military Unique property**
  - Demilitarization
  - Trade Security
  - Sensitivity of Data
- **More need for control and security**
  - National Safety
  - Unauthorized Use
  - Remanufacture risk

- **Commercially available property**
  - Environmental Protection overriding concern
  - More opportunity for reuse or sale
- **Some overlap occurs**

Hazardous Material Information Resource System (HMIRS)

- DoD central repository for Material Safety Data Sheets (MSDS); including foreign language MSDS
- Assists Federal Government personnel who handle, store, transport, use, or dispose of hazardous materials – EPA, OSHA, DOT
- Online web or quarterly CD-ROM access
- Document submittal website for manufacturers and Government agencies
- Includes value-added info by Service-agency focal points: HAZCOM
   warning label & transpo

Contact info

- **Program Manager**: Defense Logistics Information Service (DLIS), Kay Eggers, DSN932-4472. Focal point for Help Desk support: Customer Service Office, DSN 932-4725 or commercial 1-888-352-9333

- **Functional Manager**: Defense Supply Center Richmond (DSCR) provides Hazardous Information Help Desk support: (804) 279-5734 or DSN 695-5734.

- http://www.dlis.dla.mil/hmirs/

Hazardous Technical Information Services (HTIS)

Help Line: 800-848-HTIS

- Environmental
- Safety & Health
- Transportation
- Packaging
- Logistics

Bulletin

- Bimonthly
- Over 8,000 Recipients

Regulatory Alerts - weekly

HTIS CUSTOMERS

Hazardous Technical Information Services

Pie chart of HTIS Customers:
- Air Force 20%
- Coast Guard 2%
- Army 21%
- Marine Corps 3%
- DLA 26%
- Industry 5%
- Other Federal 3%
- Navy 17%
- Others 3%

FY 1990-2000

HTIS INQUIRY SUBJECTS
Hazardous Technical Information Services

Waste (RCRA) 14%

OSH 5%

Transportation 12%

Radioactive 1%

Material Safety Data 20%

Logistics 19%

Environmental 15%

General 12%

Education & Training 2%
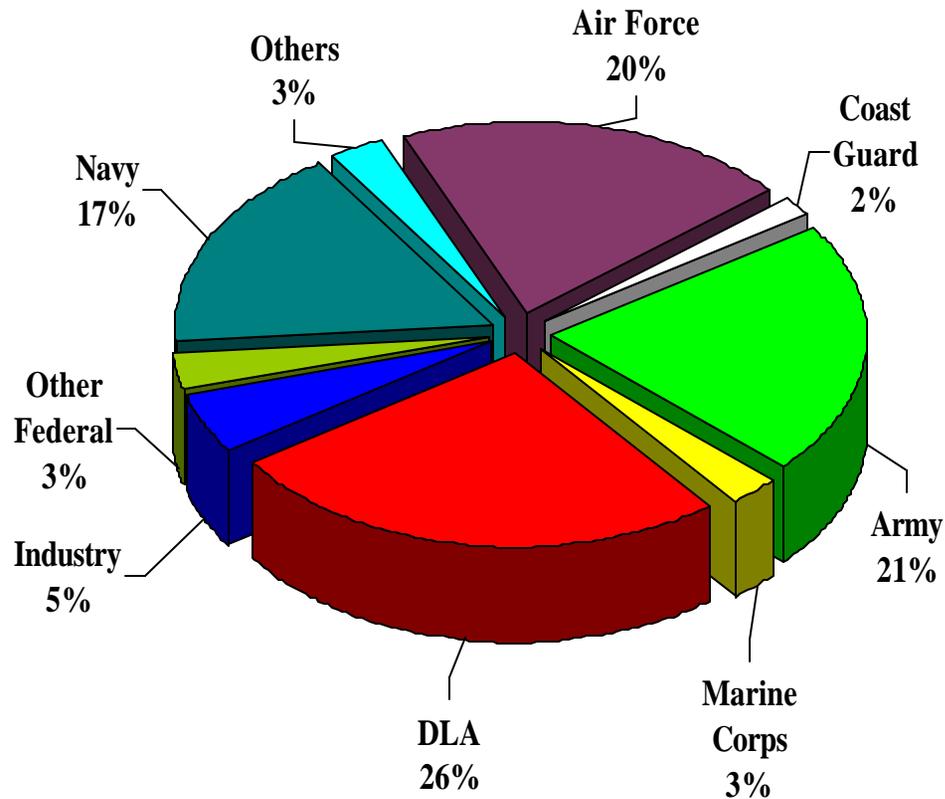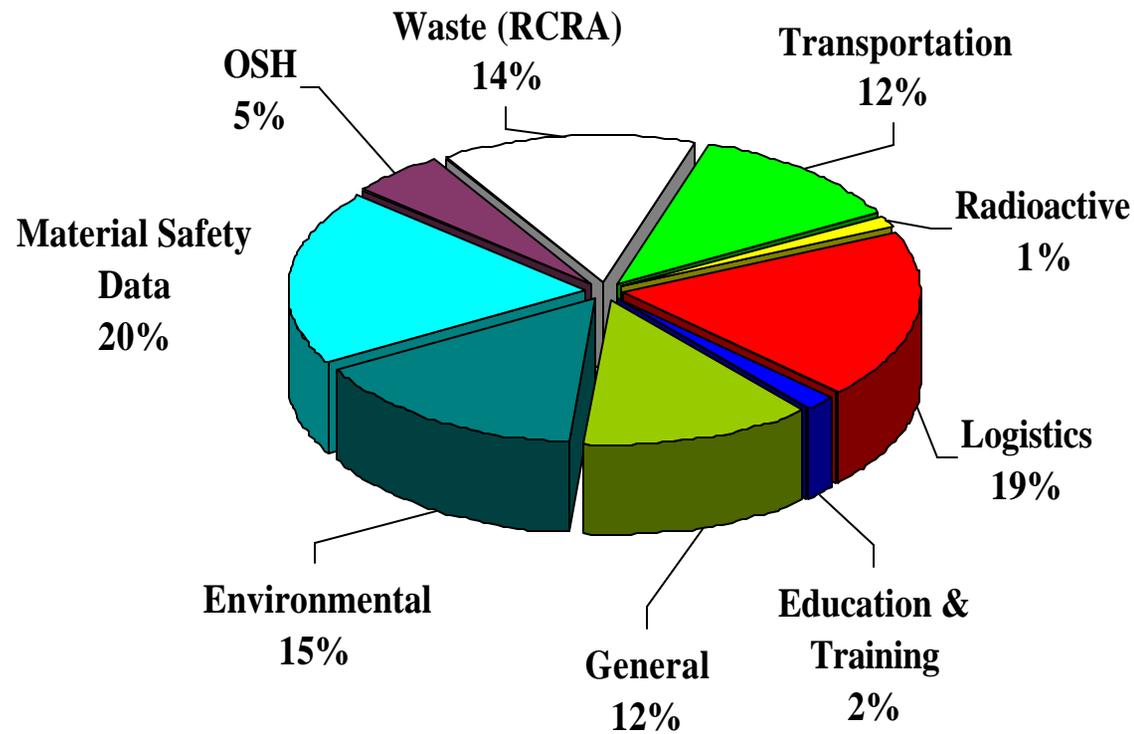
FY 1990-2000

EXAMPLES OF INQUIRIES

- Gas Cylinder Adapters for Bosnia
- In-Flight Transport Call (Jet Engine Cargo Leaking Fluid)
- Preparation of Self-propelled Vehicles for Air Shipment
- Identification of Items Found at Storage Sites
- Disposal of Wood Treated Products
- Super Tropical Bleach (storage/SLF)

CURRENT AWARENESS

❑ **Bimonthly HTIS Bulletin**

❑ **Information on:**

- o **Technical & Regulatory Guidance & Updates**

- o **HazMat & HazWaste Procedures**

- o **Environmental Policy & Managerial Issues**

- o **Health, Safety, Transportation , Packaging & Logistics**

- o **Pollution Prevention & Recycling**

- o **Environmental Products**

HTIS HELP LINES

✎ **Monday - Friday: 0730 - 1630 ET**

✎ **DSN 695-5168 & (804) 279-5168**

  ✎ **Voice mail after hours**

  ✎ **800-848-HTIS**

  ✎ **FAX: 279-4194**

✎ **Internet**

  ✎ **htis@dscr.dla.mil**

  ✎ **(http://www.dscr.dla.mil/htis/htis.htm)**

  ✎ **Links from other DOD/Government Sites**

✎ **NOT for Emergency Response**

Buying Green -- A Multifunctional Approach to Pollution Prevention

This 2-day workshop offered by the DLA Training Center (DTC) provides an overview of the Federal pollution prevention initiatives and how they relate to the DoD acquisition process.

Course Information—Buying Green: A Multifunctional Approach to Pollution Prevention (DCPSO00R750)

POCs: Workshop Managers; Sheryl Linzell, D850-5935, and Gerard Nelson, D850-6166

Buying Green Workshop Highlights

- P2 Laws/Executive Orders/Regulations
- Affirmative Procurement Program
- Environmentally Preferred Products
- Life-cycle Costing
- Acquisition Planning
- FAR requirements

See: http://www.hr.dla.mil/dtc/coursecatalog/EPHM/BG.htm

DLA Environmental Reporting Logistics System (ERLS)

- Automated environmental tracking and reporting capability for hazardous, radioactive, and environmental items
- Begun in 1994 under PADUSD(ES) and DESCIM purview to meet reporting requirements of Executive Orders 12856 (completed 1998) and 12873 (P^2 module, completed 2000)
- (New) Perform functions required by Section 314 and OSD/OMB

ERLS Affirmative Procurement Program Functions

- Daily contract and requisition information on environmental items
- Quarterly and annual reports on purchases and requisitions of items with recovered materials
- Ability to capture purchases of "non-green" counterparts vs. environmentally friendly
- (New) Report on web for services to view

ERLS APP Interfaces

DLA Systems

⭐ *New* ⭐

SAMMS/BSM
CONTRACTS/REQUISITIONS - DLA INVENTORY CONTROL POINTS

BOSS
CONTRACTS- DLA RETAIL SITES

FLIS
ENVIRONMENTAL ATTRIBUTE ITEMS

DFAMS/FAS
CONTRACTS/REQUISITIONS - DLA FUEL DEPOTS

GSA
MARKETING INFORMATION SYSTEM- REQUISITIONS FROM DEFENSE ACTIVITIES

RCRA/Section 314 Reporting

- Reports automatically generated quarterly
- Report requisitions by for one quarter or year/year-to-date
- Quantity and dollar values for green vs. non-green items purchased/sold
- All items with environmental attribute codes – not just CPG items
- Service/Agency level summary or DODAAC detail reports
- Plan to make data available to field activity personnel – manage APP from field up – not HQ-down.

ERLS test website details

- https://ogd1s-cisco.dsio.dla.mil/pls/emacsi
- Login: erlstest01
- Password: Just4erls
- Note that this is a first cut on a development server that may be unavailable from time to time. Should be accessed only from .mil or .gov domains; service is unpredictable from .com, etc. sites.

ERLS Data Pilot Test Group

- McGuire AFB
- Portsmouth Naval Shipyard
- Camp LeJeune
- Ft. McPherson
- We are still open to additional volunteers!

Accessing ERLS Test Website

Accessing ERLS Test Website

Creating an custom query on the ERLS test website

Sample ERLS Summary Query

Sample ERLS DODAAC Query
(Camp LeJeune)

Requisition RCRA Fiscal Year Detail Report

Home   Back   Help

Fisc Year	Fisc Qtr	Env Attr Class	Env Prod Category	Env Attr Code	Srvc Agncy	Actv	$ Purch	$ Within Guide	% Within Guide	Qty Purch	Qty Within Guide	% With Guid
2003	1	COMPREHENSIVE PROCUREMENT GUIDELINE	NON-PAPER OFFICE PRODUCTS	REMANUFACTURED TONER CARTRIDGES	UNITED STATES MARINE CORPS	M67001	$4,294.95	$4,294.95	100.0	69	69	100
2003	1	COMPREHENSIVE PROCUREMENT GUIDELINE	PAPER AND PAPER PRODUCTS	PAPER AND PAPER PRODUCTS	UNITED STATES MARINE CORPS	M67001	$1,661.80	$1,661.80	100.0	28	28	100
2003	1	COMPREHENSIVE PROCUREMENT GUIDELINE	VEHICULAR PRODUCTS	LUBRICATING OIL CONTAINING RE-REFINED OIL	UNITED STATES MARINE CORPS	M67001	$25,384.34	$4,607.46	18.2	166	26	15
2003	1	ENERGY EFFICIENT	LIGHTING TECHNOLOGIES	FLUORESCENT TUBE LAMPS	UNITED STATES MARINE CORPS	M67001	$1,864.42	$1,864.42	100.0	464	464	100

Total Row Count in Report- 4
Row(s) 1 - 4

ERLS Reports On Portal: DEMO

Sample ERLS DODAAC Query (Dental Clinic, Portsmouth NSY)

Requisition RCRA Fiscal Year Detail Report

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Fisc Year	Fisc Qtr	Env Attr Class	Env Prod Category	Env Attr Code	Srvc Agncy	Actv	$ Purch	$ Within Guide	% Within Guide	Qty Purch	Qty Within Guide	% Within Guide
2002	1	COMPREHENSIVE PROCUREMENT GUIDELINE	PAPER AND PAPER PRODUCTS	PAPER AND PAPER PRODUCTS	UNITED STATES NAVY	N41774	$7.92	$7.92	100.0	1	1	100.0
2002	2	COMPREHENSIVE PROCUREMENT GUIDELINE	PAPER AND PAPER PRODUCTS	PAPER AND PAPER PRODUCTS	UNITED STATES NAVY	N41774	$61.56	$61.56	100.0	6	6	100.0
2002	3	COMPREHENSIVE PROCUREMENT GUIDELINE	PAPER AND PAPER PRODUCTS	PAPER AND PAPER PRODUCTS	UNITED STATES NAVY	N41774	$61.56	$61.56	100.0	6	6	100.0
2002	4	COMPREHENSIVE PROCUREMENT GUIDELINE	PAPER AND PAPER PRODUCTS	PAPER AND PAPER PRODUCTS	UNITED STATES NAVY	N41774	$61.56	$61.56	100.0	6	6	100.0

Total Row Count in Report- 4
Row(s) 1 - 4

ERLS Reports On Portal: DEMO

Searching for DODAAC
by Zipcode

Searching for DODAAC by Zipcode

Questions?