

Minutes of U.S. Department of Energy Quarterly Teleconference on Implementing Environmentally Preferable Purchasing Requirements January 28, 2010 - 11 a.m. - 12:30 p.m. (EST)

TOPICS

- 9 newly designated biobased products
- Incorporating and reporting on designated product specifications in contracts
- Custodial paper products
- Fleet products
- GSA Advantage link to ENERGY STAR
- FY2009 purchasing results

NUMBER OF CALLERS: 90

MINUTES

Welcome - Don Lentzen (DOE-HQ Environmentally Preferable Purchasing Program Lead)

DOE SITE DISCUSSION: Round table discussion among DOE sites on the 9 newly designated biobased products: 1) which are being purchased that we need to focus on, 2) suppliers of those meeting ANSI, ASTM,... specs as well as the biobased criteria

NEWLY DESIGNATED BIOBASED PRODUCTS

Begin Purchasing and Collecting Purchasing Data by October 27, 2010

CLEANERS/SOLVENTS

- Food cleaners – 53% (none reported in FY2009)
- General purpose household cleaners – 39% (none reported in FY2009)
- Industrial cleaners – 41% (tested in FY2009 by ETPP)
- Multipurpose cleaners – 56% (reported by numerous DOE sites in FY2009 but as “bath and spa cleaners” since they were designated in FY2009 and was the only category that seemed to fit)
- Parts wash solutions – 65% (tested in FY2009 by ETPP)

LUBRICANTS

- Chain & cable lubricants – 77% (tested in FY2009 by ETPP)
- Corrosion preventatives – 53% (none reported in FY2009)
- Forming lubricants – 68% (none reported in FY2009)
- Gear lubricants – 58% (tested in FY2009 by ETPP)

Margaret King (Princeton Plasma Physics Lab) – <http://www.hss.doe.gov/pp/epp/epp-clean-pppl.pdf>

PPPL has been using biobased cleaning products since 2003 and has trained employees on how to use them. The link above shows the lists of products that PPPL presently uses along with manufacturer and biobased content information.

David Humphrey (East Tennessee Technology Park)

ETTP has been testing numerous degreasers and cleaners before implementing their use/purchase. Some of the products we have tested and the results are listed below:

- Bio-Soy Orange (degreaser/cleaner) - works well on mechanical parts and works the best when warmed up
- Bio-Plus Injector Cleaner - works great on sticky injectors
- Biobased Oil 1030 - works great
- Bio-TC-W3 2-Cycle Engine Oil - runs a little hot
- Bio-Chain Lubricant - works as well as most penetrants and stayed on even in the presence of water
- Bio-ET-890 Gear Oil – I am still waiting on the results of the analysis for this product but the thickness of the oil seems very thin
- Bio-Synthetic Automatic Transmission Fluid – I am still waiting on the results of the analysis for this product but it seems to be slicker than oil, which means less wear

Most of the products that ETTP has tested meet or exceed what has been previously used.

Kate Lewis (USDA) - What mechanisms are you using to purchase the products?

Dave Humphrey (ETTP) - P-card because we are testing and only purchasing small quantities at the moment.

Margaret King (PPPL) - Three-year blanket purchase order that we can make changes to.

Christopher Payne (LBNL) – These biobased cleaning products lack the usual cleaner odors. Have you experienced any feedback on this?

Margaret King (PPPL) – With the biobased cleaners, the room still smells clean. It just lacks the chemical residue regular cleaners leave behind. Janitors and other people have commented on how these products really clean and that they smell clean too.

Brian Bowers (Isotech) – Are DOE sites required to purchase these products now?

Don Lentzen (DOE-HQ EPP Program) – No, you have until the beginning of FY2011. This is just to learn about the products and try them out, but during reporting let us know if you are using them and if any obstacles appear to preclude your transitioning to them.

Sandra Cannon (DOE EPP Program) – It takes time to perform testing on these products, which is why we are starting now. We are all currently using a lot of these products and we want to look at what we are purchasing and compare and learn from other sites. We do not want to reinvent the wheel.

Kate Lewis (USDA) - The U.S. Department of Agriculture would be glad to help with any pilot tests. We are also working with DoD Mall and GSA to better label the biobased products they carry in case you purchase from either of those sources and with manufacturers to have better information in the USDA BioPreferred catalog.

UPDATES

USDA Biobased Products Update – Kate Lewis (USDA)

Link to 9 New Products fact sheet

<http://www.biopREFERRED.gov/files/Buy-Bio-USDA-9Prods-FactSheet.pdf>

Link to BioPreferred catalog

<http://www.catalog.biopREFERRED.gov/bioPreferredCatalog/faces/jsp/catalogLanding.jsp>

The USDA BioPreferred catalog has been updated with an additional 1000 products including the 9 newly designated biobased products. Federal agencies are not mandated to purchase these 9 newly designated biobased products until October 2010. Now is the optimal time for USDA's BioPreferred staff to help sites with protocols, product testing, vendor information, and education. USDA's staff is eager to work with the sites to help with outreach, education, and other support services relating to the biopREFERRED round 5 items designation.

Tom McGeachen (PPPL) – How can we get products that we know work added to the website?

Kate Lewis (USDA) – Send us information on the products.

EPA Expansion of the EPEAT Product Registry to Cover 40 Additional Countries:

What Does It Mean for DOE Sites? – Cate Berard (EPA)

Link to <http://www.epeat.net>

EPA's EPEAT Product Registry used to only apply to the United States and Canada. It has now been expanded to over 40 additional countries. The manufacturers choose what products they want to declare and in what countries, therefore things are going to vary depending on what country you are searching in. When you are on the EPEAT Product Registry website, make sure you first select the applicable country (probably United States) and the product list will automatically change according to the country you select. Other than this, it will not affect how DOE sites use the EPEAT Product Registry.

DESIGNATED PRODUCT REQUIREMENTS IN CONTRACTS

DOE FY2010 Reporting of Designated Product Specifications in Contracts – Josh Silverman (DOE-HQ)

See Attachments: 10-ContractReporting-Template-Draft.doc

EO13514-DOE-Implementation.ppt

See EO13514, particularly

...ensure that 95% of new contract actions including task and delivery orders, for products and services with the exception of acquisition of weapon systems, are energy-efficient (Energy Star or Federal Energy Management Program (FEMP) designated), water-efficient, biobased, environmentally preferable (e.g., Electronic Product Environmental Assessment Tool (EPEAT) certified), non-ozone depleting, contain recycled content, or are non-toxic or less-toxic alternatives, where such products and services meet agency performance requirements

The Office of Environmental Policy & Assistance (HS-22) has been working on how to track and report the requirement of the new EO13514 which states that 95% of new contract actions must include the designated products. The Contract Reporting Template attached is an example of the type of information we think we will need in order to document 95% compliance. The type of information collected will include contact name, when the award was made, scope of the contract and tracking number, and a list of the designated products. Depending on the nature of the contract, it will require different information. But first we will need to establish a baseline. We would like feedback from DOE sites on how to track this information. We are trying to meet these goals in a method that is actually achievable.

The attachment EO13514 – DOE Implementation shows how DOE is moving forward on implementation. DOE has designated Senior Official David Prodaman as the Deputy Secretary responsible for the implementation of EO13514. A Sustainability Integration Team will be lead by Ingrid Cobb and Alice Williams (Director of LLNL). The Sustainability Integration Team will be supported by a number of working groups, such as procurement and acquisition.

Ralph Wrons (Sandia National Lab-NM) – Regarding the section of the template that specifies designated products that are not applicable, why is this important? I suggest we replace this portion of the template with reporting closed loop contract language, such as, are requirements in place to not only purchase such products but also to take back and recycle these products? What about a column for the amount purchased?

Josh Silverman (DOE-HQ) – Closed loop falls into other EPP categories. Just because we don't have requirements for things, we should still be tracking them. For example, the carbon content of a product is not required, but it will be favorable to know this information.

Ralph Wrons (SNL-NM) – What is the value of not applicable?

Josh Silverman (DOE-HQ) – We will have to figure that out and appreciate your input.

Cyndi Vallina (OMB) – Maybe for multi-attribute products, the purpose of tracking these products will be to help you reach your GHG goals, even though such products aren't

formally mandated.

Josh Silverman (DOE-HQ) – Regarding recording the amount purchased, this is already being captured on the EPP database. Do we need to ask the same questions that we are already asking? These decisions will be made by the Sustainability Integration Team, but we need input from the field.

Ralph Wrons (SNL-NM) – It make sense to track and report these things at least one time, for a baseline.

Judy McLemore (Waste Isolation Pilot Plant) – Is this going to be annual reporting or is it going to come from existing reporting?

Josh Silverman (DOE-HQ) – I am in favor of it coming from existing reporting. We are trying to minimize the number of field data calls, but this is still on the table.

Pat Gallagher (Los Alamos National Lab) – I agree this reporting should be integrated as much as possible. We are struggling with the reporting requirements for each designated product. They are impossible to track and report in our present financial system. It is very time consuming. We need to work on reporting that is not as labor intensive, such as reporting on contracts instead of specific items.

Josh Silverman (DOE-HQ) – What we should be doing is collecting that data that helps us manage the programs. Do we really need to count all these widgets in order to meet the requirements? Do the reporting activities feed into the requirements? How do we use the data and how does OMB use the data?

Pat Gallagher – More and more green products are offered everyday but may not be on the list, which means that we are missing the good new stuff.

Josh Silverman (DOE-HQ) – We need systems in place that drive towards compliance instead of tracking every product.

Michael Raizen (HQ Procurement Services) – All procurement offices are currently using FPDS to report all contracts. There is a place in the FPDS database to report green items. It would be easy for procurement offices to report their contracts on this template through the STRIPES Software. Prism Compusearch updates the software every 6 months.

Josh Silverman (DOE-HQ) – We should definitely bring this thought to the procurement working group. How many laboratories, facility suppliers, manufacturers, or vendors will run through this system?

Michael Raizen (HQ Procurement Services) – I don't believe that any of the laboratories go through this system. All the data from STRIPES flows to the IDW (Integrated Data Warehouse). Mainly contractors and subcontractors use the IDW.

Requirements to Include Designated Product Specifications in Contracts – Cyndi Vallina (OMB)

See Attachment OMB-Scorecard2010-Env-Guidance.pdf

For the Office of Management and Budget Environmental Scorecard reporting, we want to move away from reporting on each designated product and instead report on how sustainable purchasing is imbedded in the organization's automated procurement systems. In FY2009, all agencies that were listed as green provided contracts that include the designated products. For the next report, OMB will ask for contracts from all sites not just headquarters and compliance on a broad spectrum of the designated products.

Sandra Cannon (DOE EPP Program) – In EO 13514, it states that 95% of the contracts must have designated products. From our understanding, that means 95% of the contracts that pertain to the designated products must specify these products. Some contracts would not require the use of designated products.

Cyndi Vallina (OMB) – I am hard pressed to believe there are contracts in which the designated items do not apply. For example, everyone uses paper and a computer in the course of fulfilling their contract requirements. The 95% is really giving you a 5% leeway. We are trying to gain overall compliance across all agencies. The new EO should not cause too much pain as it requires no more than what has been required for the last 20+ years. However, we are trying to move agencies beyond just purchasing the designated products to specifying sustainable services and other indirect purchases in all contracts. In monitoring and corrective action plans, we want agencies to look at those contracts checked "does not apply" because all most likely do apply. DOE has been a leader and a model for Federal green purchasing with its implementation, tracking, and reporting, and these quarterly meetings on compliance and implementation. We are looking to you to further implement the new EO requirements and would like to see what your plans and thoughts are for expanding broader to service contracts and indirect purchases.

CUSTODIAL PRODUCTS

Custodial Paper Products – Margaret King (PPPL)

Link to <http://www.hss.doe.gov/pp/epp/epp-clean-pppl.pdf>

If you go to the URL link of products listed above, the first page lists the different paper products the Princeton Plasma Physics Lab is currently using. We first began implementing the use of some of these products in 1997. Since then, the purchase of

these EPP products has gone from 6% to 85%. This URL link shows the products we are using, what we are paying for each product, and manufacturing information. We use a blanket purchasing order to purchase products, which is renewed every 3 years and at that time we re-evaluate what products best benefit us. PPPL is doing very well at meeting both mandated and laboratory goals. PPPL is continually looking for ways to improve.

FLEET PRODUCTS

GSA Restrictions on Use of Retread Tires and Re-refined Oil – Randy Glenn (GSA)

I am the National Director of fleet operations at the General Services Administration. We use a lot of different recycled products on our vehicles. There is some misinformation about our use of re-refined oil that I would like to clear up. GSA has had a policy to use re-refined oil since 1995 and it was updated with clarifications in 2000. The use of re-refined oil is encouraged where it is practical and where the cost is within reason. We do not push the use of synthetic oil because it is costly, and none of the manufacturers suggest or require its use in vehicle types GSA procures and supplies to our customers.

GSA's re-tread tire policy is being revised. All medium and heavy-duty trucks will be required to have re-tread tires with limited exceptions. We are also very proactively working with vendors to recycle antifreeze, oils, refrigerants, and lubricants.

Christopher Payne (LBL) - What is your policy for low rolling resistance tires?

Randy Glenn (GSA) – We typically require the same or like tire that came with the vehicle to maintain OEM warranty coverage.

Results of Pilot of Biobased Fleet Products – David Humphrey (East Tennessee Technology Park)

See discussion in DOE Site discussion of biobased products above.

SUSTAINABLE DESIGN

New ENERGY STAR Specs + Link between GSA Advantage and the ENERGY STAR Database – Una Song (EPA ENERGY STAR Program) and Maleka Green (GSA)

Link to ENERGY STAR (http://www.energystar.gov/index.cfm?fuseaction=find_a_product.)
GSA Advantage (<http://www.gsaadvantage.gov>)

Una Song - If you go to the ENERGY STAR products page, you will see a list of ENERGY STAR categories, products, and other specification links. In the last quarter, a number of specifications became effective, such as audio video equipment, displays,

commercial refrigerators/freezers, and geothermal heat pumps, and some have been suspended, such as programmable thermostats. When purchasing, check the website to ensure you have the most up to date information as to which products are ENERGY STAR labeled and which are not.

Maleka Green – The ENERGY STAR staff send an updated list of qualified products to the General Services Administration biweekly. In the GSA Advantage website, if you go to the environmental link, a list of environmental items will be displayed. When you select ENERGY STAR compliant, you can search for specific products. A list of all ENERGY STAR products of your specific search will then appear. Right now we are trying to develop a direct link from the ENERGY STAR database to the GSA Advantage database so the uploading would be automatic.

Christopher Payne (LBNL) – This linkage between the ENERGY STAR database and GSA Advantage will allow us to use GSA Advantage as our first resource for ENERGY STAR products.

For further information on GSA Advantage, please contact Maleka Green at (703)-605-9452.

PURCHASING RESULTS

Results of FY2009 DOE Purchase of Designated Products – Don Lentzen

Link to <http://www.hss.doe.gov/pp/ap/Reporting.htm>

Thanks to all the sites for your participation in the FY2009 data call. It was a big effort. We have looked at all the entries and have contacted those we had questions about. Each site needs to look at the posting we have on the public viewing site for the designated recycled content products to ensure the data are accurate, particularly for data you requested we change after the data entry website was closed. This is one last QA check, so let us know if there are any problems.

The FY2009 data have been fed into the Department's semi-annual scorecard report to the Office of Management and Budget and annual EO13415 report to the Office of the Federal Environmental Executive.

Of the designated recycled content products, \$59 million dollars worth were purchased. 68% contained recycled content, and that percentage increases to 91% when we include the justified exemptions. Products that came up short were: paint (only 4.7% were reported as remanufactured), roofing materials (only 28% contained recycled content and only one site reported using biobased roofing sealant which is presently a designated products), and toner cartridges (only 48% were reported as remanufactured).

In addition to the purchasing effort, I would like to compliment sites on your recycling efforts. Nearly 50% of sanitary waste is being diverted to a recycling facility. Some sites showed exemplary recycling of construction materials.

Tom McGeachen (PPPL) – Will next year's reporting require new passwords?

Don Lentzen (DOE-HQ EPP Program) – Passwords expire every 6 months. Contact IT if you have any problems. The site is currently closed for reporting until the next fiscal year.

Orin Haworth (Nevada Test Site) – Guidance we received is to purchase as much as possible through the Kansas City Site. Is it safe to assume these products meet the requirements, and do we report them or the Kansas City Site?

Don Lentzen (DOE-HQ EPP Program) – If the product packaging does not indicate the specified attribute, you should verify with the Kansas City Site. You should also decide with the Kansas City Site whether they or you will report the Nevada Test Site purchases of designated products.

Next teleconference

- Date – April 29, 2010
- Potential topics for the next teleconference. Please share your ideas. Some suggested so far are
 - How to find designated products
 - New custodial cleaning systems
 - What's new on the office product scene?
 - Energy/water efficient products
 - Cafeteria Products (dishware)
 - Construction Materials: Insulation, paint, roofing sealant, water free urinals
 - Systems for tracking our designated product purchases
 - Other?

Adjourn

A few rules for successful teleconferencing:

- Because we only have a limited number of telephone lines available, all coordinators at one site should participate in the teleconference together on one telephone.
- Keep your phones on mute (if you are using a speakerphone) unless you are speaking.
- Announce your name and affiliation before speaking each time.
- All participants will be asked to introduce yourselves at the start of the teleconference and given the opportunity for comments and questions during the teleconference.

RESOURCE MATERIALS AND UPDATED EPP INFORMATION

NEWLY DESIGNATED RECYCLED PRODUCT AND NEW DEFINITION

Begin Purchasing and Collecting Purchasing Data by September 15, 2008

- Fertilizer
- Compost (new definition)

Web Info: <http://www.epa.gov/epaoswer/non-hw/procure/products.htm>

NEWLY DESIGNATED BIOBASED PRODUCTS

Begin Purchasing and Collecting Purchasing Data by October 27, 2010

CLEANERS/SOLVENTS

- Food cleaners – 53%
- General purpose household cleaners – 39%
- Industrial cleaners – 41%
- Multipurpose cleaners – 56%
- Parts wash solutions – 65%

LUBRICANTS

- Chain & cable lubricants – 77%
- Corrosion preventatives – 53%
- Forming lubricants – 68%
- *Gear lubricants – 58%

Begin Purchasing and Collecting Purchasing Data by May 14, 2009 except where denoted

CLEANERS/SOLVENTS

- Adhesive and mastic removers – 58%
- Bath and spa cleaners – 74%
- Carpet and upholstery cleaners
 - General purpose cleaners – 54%
 - Spot removers – 7%
- Floor strippers – 78%
- Glass cleaners – 49%
- Graffiti and grease removers – 34%
- Hand cleaners and sanitizers
 - Hand cleaners – 64%
 - Sanitizers – 73%
- Laundry products
 - General purpose laundry – 34%
 - Pretreatment/spot removers – 46%

CONSTRUCTION

- *Carpets - 7%

- *Insulating foam (plastic) for residential and commercial construction – 7%
- *Panels - composite panels
 - Acoustical composite panels – 37%
 - Interior panels – 55%
 - Plastic lumber composite panels – 23%
 - Structural interior panels – 89%
 - Structural wall panels – 94%
- Release fluids - concrete and asphalt – 87%

DISHWARE

- Cutlery - disposable – 48%
- *Disposable containers – 72%

LUBRICANTS

- 2-cycle engine oils – 34%
- Firearm lubricants – 49%
- Greases
 - Food grade -42%
 - Multi-purpose – 72%
 - Rail track – 30%
 - Truck – 71%
 - Unspecified – 75%
- Metalworking fluids—straight oils
 - Straight oils – 66%
 - General purpose soluble, semi-synthetic, synthetic – 57%
 - High performance soluble, semi-synthetic, synthetic (**delayed preference compliance date**) – 40%

SEALANTS

- Wood and concrete sealers
 - Membrane concrete sealers – 11%
 - Penetrating liquid sealers – 79%

OTHER

- De-icers - general purpose de-icers – 93%
- Dust suppressants – 85%
- *Fertilizers - 71%
- Films
 - Non-durable – 85%
 - *Semi-durable (plastic bags) – 45%
- Fluid filled transformers
 - Synthetic esterbased transformer fluids (**delayed preference compliance date**) – 66%
 - Vegetable oil-based transformer fluids – 95%
- *Hydraulic fluids - stationary equipment – 44%
- Lip care products – 82%
- *Sorbents – 89% (proposed 52%)

Begin Purchasing and Collecting Purchasing Data by March 16, 2007 except where denoted

- Lubricants, penetrating – 68% biobased content by weight
- Diesel fuel additives – 90%
- Urethane roof coating/sealant – 20%
- Hydraulic fluids for mobile equipment (tractors, etc.) – 44%
- Bedding, bed linens, towels **(November 20, 2007 preference compliance date)** – 12%
- Water tank coating/sealant **(November 20, 2007 preference compliance date)** – 59%

* May overlap with recycled content requirements. Recycled content requirements have precedence.

Regulations: <http://www.biopreferred.gov/ProposedAndFinalRegulations.aspx>

SOURCES OF INFORMATION

DOE's "Environmentally Preferable Products Program" website for access to the reporting site, annual report, teleconference agenda and minutes, and sources of helpful information

U.S. Department of Energy's RCRA 6002/Executive Order 13423 home page
<http://www.hss.doe.gov/pp/epp/>

Environmentally Preferable Purchasing Executive Orders, Regulations, Guidelines

Office of the Federal Environmental Executive

www.ofee.gov

Buying Green

FedCenter

<http://www.fedcenter.gov/programs/buygreen/>

What Is Green Purchasing, Anyway?

Office of Personnel Management

www.golearn.gov (Free Catalog Section, then Legislatively Mandated...Topics)

GENERAL PRODUCT INFORMATION

Environmentally Preferable Products

U.S. Environmental Protection Agency

<http://yosemite1.epa.gov/oppt/eppstand2.nsf>

Environmentally Preferable Products

U.S. Department of Energy

<http://www.hss.doe.gov/pp/epp/>

Alternative Fuels and Vehicles

U.S. Department of Energy

<http://www.eere.energy.gov/vehiclesandfuels/epact/federal/>

Biobased Products

U.S. Department of Agriculture

<http://www.biopreferred.gov/?SMSESSION=NO>

Construction

Whole Building Design Guide -- Technical Guidance for Implementing the Guiding Principles for Federal Leadership in High Performance and Sustainable Buildings Memorandum of Understanding

<http://www.wbdg.org/sustainablemou>

The Federal Green Construction Guide for Specifiers with more than 60 model green construction spec sections

<http://fedgreenspecs.wbdg.org>

Energy/Water Efficient Products

Federal Energy Management Program

<http://www.eere.energy.gov/femp/procurement/>

Recycled Products and Suppliers

U.S. Environmental Protection Agency Comprehensive Procurement Guidelines

<http://www.epa.gov/epaoswer/non-hw/procure/index.htm>

Substitutes for Ozone-Depleting Products

U.S. Environmental Protection Agency

<http://www.epa.gov/ozone/snap/lists/index.html>

SPECIFIC PRODUCT CATEGORIES

Carpet

Contract Language and Standards/Guidelines

U.S. Environmental Protection Agency

Select "carpet" at <http://yosemite.epa.gov/oppt/eppstand2.nsf/Pages/Search.html?Open>

California Carpet Standard

<http://www.documents.dgs.ca.gov/green/epp/standards.pdf>

Recycled Content Specifications and Suppliers

U.S. Environmental Protection Agency

<http://www.epa.gov/epaoswer/non-hw/procure/products/carpet.htm>

Suppliers Meeting California Carpet Standard

<http://www.green.ca.gov/EPP/carpets.htm>

Cement/Concrete

Recycled Content Specifications and Suppliers

U.S. Environmental Protection Agency

<http://www.epa.gov/epaoswer/non-hw/procure/products/cement.htm>

Cleaning Products

Contract Language and Standards/Guidelines

U.S. Environmental Protection Agency

Select “cleaning supplies” at

<http://yosemite.epa.gov/oppt/epstand2.nsf/Pages/Search.html?Open>

Suppliers

EcoLogo CCD 104 Hand Cleaners – Industrial

http://www.ecologo.org/en/seeourcriteria/details.asp?ccd_id=329

EcoLogo CCD 110 Cleaning and Degreasing Compounds

http://www.ecologo.org/en/seeourcriteria/details.asp?ccd_id=335

EcoLogo CCD 115 Odor Control Additives

http://www.ecologo.org/en/seeourcriteria/details.asp?ccd_id=340

EcoLogo CCD-146 Hard Surface Cleaners

http://www.ecologo.org/en/seeourcriteria/details.asp?ccd_id=371

EcoLogo CCD-147 Floor Care Products

http://www.ecologo.org/en/seeourcriteria/details.asp?ccd_id=372

EcoLogo CCD 148 Carpet and Upholstery Cleaners

http://www.ecologo.org/en/seeourcriteria/details.asp?ccd_id=373

EcoLogo CCD 166 Disinfectants and Disinfectant Cleaners

http://www.ecologo.org/en/seeourcriteria/details.asp?ccd_id=391

Green Seal GS-37 Industrial and Institutional Cleaners

<http://www.greenseal.org/findaproduct/index.cfm#cleaners>

Construction Materials and Products

Contract Language

U.S. Department of Energy

<http://www.hss.doe.gov/pp/epp/epspecs.html> , see “Construction Services”

Paint

Recycled Content Specifications and Suppliers

U.S. Environmental Protection Agency

<http://www.epa.gov/epaoswer/non-hw/procure/products/paint.htm>

Suppliers

EcoLogo CCD-47 Surface Coatings (Paints, Stains, and Varnishes)

http://www.ecologo.org/en/seeourcriteria/details.asp?ccd_id=272

EcoLogo CCD-48 Surface Coatings (Recycled)

http://www.ecologo.org/en/seeourcriteria/details.asp?ccd_id=273

Green Seal GS-43 Recycled Content Latex Paint

http://www.greenseal.org/newsroom/GS-43_Recycled_Content_Latex_Paint.pdf

Toner Cartridges

Recycled Content Specifications and Suppliers

International Imaging Technology Council

<http://www.i-itc.org/stmcompanies.htm>

EcoLogo CCD-039 Printing Cartridges Remanufactured

http://www.ecologo.org/en/seeourcriteria/details.asp?ccd_id=264

U.S. Environmental Protection Agency

<http://www.epa.gov/epaoswer/non-hw/procure/products/toner.htm>

DOWNLOAD AND RUN BEES 4.0 SOFTWARE

BEES (Building for Environmental and Economic Sustainability) software helps designers, builders, and product manufacturers identify the environmental and economic performance of construction materials. Developed by NIST (National Institute of Standards and Technology) Green Buildings Program with support from the U.S. Environmental Protection Agency Environmentally Preferable Purchasing Program and the HUD Partnership for Advancing Technology in Housing (PATH) the tool is based on consensus standards and designed to be practical, flexible, and transparent.

Register for software at <http://www.bfrl.nist.gov/dae/software/bees/registration.html> (no cost involved):

- Fill out registration form
- Click submit

To install BEES 4.0:

- Download bees30dzip.exe, a 14.6 MB self-extracting file. (If prompted during the download, choose to save the file).
- From Windows Explorer, double click on bees30dzip.exe to start the self- extraction process.
- When prompted, choose a folder to unzip the file to and click Unzip.
- Using Windows Explorer, go to the folder you specified in Step 3, double click on Setup.exe and follow the directions on the screen. You will need to choose a folder in which to install BEES 3.0d. This folder must be different from the one you specified in Step 3.

To run BEES 4.0:

- Select Start->Programs->BEES->BEES 4.0

OR

- Go to "My Computer" or wherever you can see all folders and files on your computer. Do not try to open the BEES exe file from a software application, such as Word.
- Go to where you stored the BEES files (probably in a folder labeled "BEES")

- Open the BEES30d.exe file
- Go to “Analysis” at top of window
- Go to “Define Parameters”