

ISSUED

Effective Date: 06/06/18

WP 02-EC.07
Revision 8

Waste Isolation Pilot Plant Sustainable Procurement Plan

Cognizant Department: Site Environmental Compliance

Approved By: Stewart Jones



**Waste Isolation Pilot Plant Sustainable Procurement Plan
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CHANGE HISTORY SUMMARY

REVISION NUMBER	DATE ISSUED	DESCRIPTION OF CHANGES
7	05/31/18	<ul style="list-style-type: none">• Complete rewrite including:<ul style="list-style-type: none">- Provided instruction in a standardized format.- Updated document verbiage to properly convey current federal expectation and reporting requirements.- Editorial changes throughout to provide clarification in Responsibilities.
8	06/06/18	<ul style="list-style-type: none">• Editorial changes missed during last revision.

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1.0 INTRODUCTION

The purpose of this plan is to communicate management expectation regarding sustainable product acquisition and performance reporting. It is the procurement and product acquisition teams' responsibility to ensure WIPP meets sustainable procurement expectation. This plan and its expectations will be applied to WIPP procurement acquisitions regardless of size, budget, priority, or function. The sustainable product acquisition and performance reporting expectation applies to all employees, contactors/subcontractors, vendors, project contractors and project coordinators without exception. This plan and the defined reporting requirements promote continuous improvement of WP 15-PC3609, *Preparation of Purchase Requisitions*, and WP 15-PC3042, *Credit Card Purchases*. This plan is a resource to be referenced by the procurement and product acquisition team. Plan drivers include:

- EO 13843, *Efficient Federal Operations*
- EO 13693, *Planning for Federal Sustainability in the Next Decade*
- DOE Order 436.1, *Departmental Sustainability*
- NWP Prime Contract - FAR Clauses
- RCRA 42 United States Code §6901 et seq. - Section 6002(i)
- HWFP Section 2.4
- NMAC 20.4.1.500
- 40 CFR Protection of Environment, Parts 248, 249, 250, 252, and 253
- 48 CFR 952.223-78, *Sustainable Acquisition Program*
- I.143 DEAR 970.5223-6

The acquisition and use of sustainable products foster a decrease in the observed social, economic and environmental risks and impacts associated with facility operation. The preferred methodology instructs product requestors to seek items designed to increase recyclability, reducing the volume of site generated solid waste. The goal is to decrease the use of hazardous chemicals and substances, reduce greenhouse gas emissions, reduce water use, and increase energy efficiency. Applied action ensures the WIPP project maintains the facility in a manner that meets federal expectation.

This plan supports and implements portions of the EMS, the ISMS, the P2 Program Plan and the Electronics Management Policy Statement.

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2.0 ABBREVIATIONS/ACRONYMS

ARVR	Approval Request/Variation Request
ASER	Annual Site Environmental Report
BECR	Bi-annual Environmental Compliance Report
BOM	Bill of Material
CAP	Cost, Availability, Performance
CFR	Code of Federal Regulations
CPG	Comprehensive Procurement Guideline
DEAR	Department of Energy Acquisition Regulations
DOE	U.S. Department of Energy
EMS	Environmental Management System
EO	Executive Order
EPA	U.S. Environmental Protection Agency
EPEAT	Electronic Product Environmental Assessment Tool
ES&H	Environmental Health and Safety
FAR	Federal Acquisition Requirement
FEMP	Federal Energy Management Program
GHG	Greenhouse Gas
GSA	General Services Administration
HWFP	Hazardous Waste Facility Permit
IH	Industrial Hygiene
ISMS	Integrated Safety Management System
IT	Information Technology
MLD	Management Level Determination
MOC	Managing Operator Contractor
NMAC	New Mexico Administrative Code
NMED	New Mexico Environmental Department
NSJ	Non-Sustainable Justification
NWP	Nuclear Waste Partnership LLC
ODS	Ozone Depleting Substance
P2	Pollution Prevention
QA	Quality Assurance

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RCRA	Resource Conservation and Recovery Act
RIDS	Records Inventory and Disposition Schedules
SDS	Safety Data Sheet
SEC	Site Environmental Compliance
SNAP	Significant New Alternate Policy
SOW	Statement of Work
SSP	Site Sustainability Plan
STR	Site Technical Representative
TARP	Technology Action Request Process
TAP	Tri-Annual Performance
VOC	Volatile Organic Compound
WMR	Waste Minimization Report
WIPP	Waste Isolation Pilot Plant

3.0 DEFINITIONS

1. **Acquisition Planners:** Any NWP or subcontract person who plans and specifies purchase of a product, material or service including, but not limited to, engineers, requisitioners, Subcontract Technical Representatives, project managers, and p-card holders.
2. **BioBased Products:** A commercial or industrial product (other than food or feed) that is composed, in whole or in significant part, of biological products or renewable agricultural (plant, animal, and marine) or forestry materials.
3. **Practicable:** Capable of being used consistent with performance in accordance with applicable specifications, availability at a reasonable price, availability within a reasonable period of time, and maintenance of a satisfactory level of competition.
4. **Recovered Materials:** Waste materials and byproducts which have been recovered or diverted from solid waste, but such terms do not include those materials and byproducts generated from and commonly reused within an original manufacturing process.
5. **Specification:** A description of the technical requirements for a material, product, or service that includes the criteria for determining whether these requirements are met. In general, specifications are in the form of written commercial designations, industry standards, and other descriptive references.

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6. **Sustainable Products:** Products or services that have a lesser or reduced effect on human health and the environment when compared with competing products or services that serve the same purpose. They may contain recycled materials, be agricultural or BioBased, be energy or water efficient, be less toxic, or have other positive environmental attributes.

4.0 CONTEXT

Creation of the sustainable procurement program plan begins with providing an understanding of the sites sustainable procurement obligation and performance reporting requirements. Site procurement process obligation is defined for all federal agencies and their contractors/sub-contractors by the GSA. Site reporting requirements are denoted by the NWP Prime Contract. These obligations and reporting expectations are expanded under EO, DOE Order, and/or other applicable Federal, State, County, and Local Municipal Law.

What is sustainable procurement? The DOE has defined sustainable procurement as the acquisition and use of products (goods/services) that foster a decrease in the associated observed social, economic and environmental impacts and risks. Practicing the prescribed triple bottom line methodology, increases operational effectiveness, by reducing the risks associated with a particular product. This approach and corresponding action enables a facility to absorb associated risk in a managed manner, thus keeping the interruption of operation (mission) to a minimum. This process ensures that any product requested by a requestor nor its perceived priority has the potential to dictate work schedule changes or incident responses associated with responding to a compromised (spilt/damaged) product.

Core expectation: The DOE has committed to purchasing 100% of the available sustainable product goods/services, where applicable.

Base line sustainable product procurement instruction includes:

1. Seeking items designed to increase recyclability, reducing the volume of site generated solid waste.
2. Decreasing the use of hazardous chemicals and substances.
3. Reducing greenhouse gas emission.
4. Reducing water use.
5. Increasing energy efficiency.
6. Promoting the transition and use of a self-supportive infrastructure promoting site resilience in order to provide temporary utility independence.

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The NWP procurement process may include or involve acquisition planners, project managers, project engineers, procurement contract developers and negotiators, product requestors, credit card (P-Card) holders, buyers, STR, SEC personnel, ES&H IH personnel, QA personnel, Tech Support and IT Service personnel, or any employee that seeks to purchase and acquire a product, good or service for use or application at the WIPP.

The following list establishes the sustainable product reporting categories based on the standards.

- Recycled minimum content standard
- BioBased and BioPreferred minimum content standard
- EnergyStar certification standard
- WaterSense certification standard
- SaferChoice (Less-Toxic) labeling standard
- SNAP standard
- GHG reduction criteria
- ODS purchase restrictions
- VOC restriction criteria
- FEMP policy
- EPEAT policy
- SmartWay logistics standard

5.0 REPORTING

The NWP/WIPP shall create and implement a mechanism (to the best of its ability) for collecting and reporting sustainable procurement performance. The collected information shall be interpreted as a means to improve the sustainable procurement performance of WIPP. NWP may submit the required information in whole or require each operational group individually directly to submit the collected information to SEC. Results shall be provided to SEC four weeks prior to the end of each fiscal year, no later than October 1.

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5.1 NWP shall collect the following information:

- Sustainability category
- Product name
- Product type
- Quantity ordered
- What group ordered the product
- What group used the product
- Total dollar amount allocated for purchasing the product

5.2 Sustainability reporting categories include:

- Recycled content
- BioBased and BioPreferred content
- EnergyStar compliant
- WaterSense compliant
- SaferChoice compliant
- SNAP compliant
- FEMP compliant
- EPEAT compliant
- SmartWay compliant
- If product contains a GHG, ODS or VOC

5.3 NWP/WIPP performance reporting requirements, recipient of report, and frequency:

- DOE
 - SSP - sustainability performance: reported annually: sustainable procurement performance; reporting on products purchased containing Recycled Content, BioBased and BioPreferred content. Products that reduce energy use (EnergyStar, FEMP, and EPEAT), products that reduce water use (WaterSense), products that reduce chemical risk (SaferChoice, SNAP), and products that serve to reduce site generated emissions (GHG, ODS, VOC).
 - ASER – environmental performance: reported annually: Topics include sustainability and waste minimization.

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- FedNet/Sam.gov - sustainability procurement performance: reported annually: Topics include reporting on the procurement of Recycled Content, BioBased/BioPreferred, EnergyStar, WaterSense, FEMP, and EPEAT products.
- EPA
 - BECR - environmental performance: reported bi-annually: Topics include sustainability and waste minimization.
- NMED
 - WMR - sustainability performance: reported annually: Topics include reporting on the procurement of Recycled Content, BioBased and BioPreferred, EnergyStar, WaterSense, SaferChoice, SNAP, GHG, ODS, VOC, FEMP, and EPEAT products.
 - TAP - environmental compliance performance: reported tri-annually: External independent regulation review includes topics associated with sustainability and waste minimization.

6.0 RECORDS

All generated records are handled in accordance with departmental RIDS.

Supporting material created and/or produced by adhering to the sustainable procurement plan shall be maintained in accordance with WP 15-PC3609, *Preparation of Purchase Requisitions*, and WP 15-PC3042, *Credit Card Purchases*.

Records and support materials may include, but are not limited to; referenced research materials, pre-procurement planning, BOM, engineering specifications, engineering change notices, engineering technical evaluations, form fit function definition, Like for Like part request evaluation forms, purchase requisition request forms, SOWs, work packages, buyer and vendor bid correspondence, sole source justification, non-sustainable justification, purchase orders, packing slips, bill of lading, invoices, PRCN, PCN, MLDs, ARVR, TARPs, certificate of conformance, QA inspection documentation, STR and vendor correspondence, SDS submission evidence, SDS approval evidence, product approval verification. Any document produced by the product requestor, product requisitioner, procurement buyer, or warehouse member could be considered support material that gets added to the product procurement file.

Records can be requested and must be provided to the requesting agent on demand during a performance evaluation if deemed necessary by QA or SEC management.

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7.0 TRAINING

Training shall be provided to NWP personnel, associated subcontractors, vendors, and service providers so they understand site expectation specific to rolls and responsibilities set forth in this plan. The completion of this action serves to meet WP 02-EC.07, *Waste Isolation Pilot Plant Sustainable Procurement Plan*, WP 02-EC.08, *National Environmental Policy Act Compliance Plan*, WP 02-EC.11, *WIPP Pollution Prevention Program Plan*, DOE/WIPP-04-3310, *WIPP Environmental Policy Statement*, DOE/WIPP-05-3318, *WIPP Environmental Management System Description*, and DOE/WIPP-11-3474, *Waste Isolation Pilot Plant Electronics Management Policy Statement*, WIPP meets its sustainability performance expectation and reporting obligations.

8.0 QUALITY ASSURANCE

NWP - QA shall provide NWP personnel and resources to evaluate the performance of this plan annually in order to assure the continuous performance expectation defined by this plan is met.

9.0 ROLLS AND RESPONSIBILITIES

In accordance with EO 13843, *Efficient Federal Operations*, sustainable procurement responsibilities are to be shared by all personnel. Plan responsibilities and related support functions are defined in the sections below.

SEC will provide regulatory guidance support for implementing sustainable procurement requirements; however, NWP Procurement Services is the responsible procurement agency. As such, NWP Procurement has the responsibility for ensuring that relevant sustainable procurement requirements in approved purchase requisitions received in Procurement Services are flowed down to subcontractors for WIPP purchases of materials, goods, and services in order to reflect the DOE's commitment to sustainable products and the maintenance of the MOC procurement records.

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9.1 Site Environmental Compliance (SEC)

- Evaluate DOE and regulatory guidance.
- Coordinate:
 - Sustainable Procurement Plan guidance and development
 - Sustainable Procurement Plan integration supporting WP 02-EC.07, *Waste Isolation Pilot Plant Sustainable Procurement Plan*, WP 02-EC.08, *National Environmental Policy Act Compliance Plan*, WP 02-EC.11, *WIPP Pollution Prevention Program Plan*, DOE/WIPP-04-3310, *WIPP Environmental Policy Statement*, DOE/WIPP-05-3318, *WIPP Environmental Management System Description*, and DOE/WIPP-11-3474, *Waste Isolation Pilot Plant Electronics Management Policy Statement*, including their associated electronic attachments
 - Monitoring of sustainable procurement program compliance
- Provide technical support for:
 - Source supply/product identification
 - Provide verbal direction in the completion of product related research
 - Off-site technical exchange of sustainable procurement information
 - Sustainable procurement awareness
- Communicate sustainable procurement regulatory and program requirements:
 - Review sustainable procurement training and provide recommendations for updates to maintain adequacy
 - Revise and update Web-based sustainable procurement requirements located at <http://wippcentral/sites/groups/RES/Pages/Sustainability.aspx>
- When SEC is designated as an approver/reviewer of a purchase requisition, SEC shall review the requisition and verify appropriate sustainable procurement considerations have been applied during the acquisition planning process.
- Review and approve or provide guidance on the completion of the NSJ.
- Participate in, and/or coordinate, regular reviews of this plan's implementation.
- Submit sustainable purchasing data in accordance with DOE requirements to the applicable agency.

9.2 NWP Procurement Services

NWP Procurement Services shall flow-down all applicable sustainable procurement requirements identified in requisitions received by procurement services for processing.

Each purchase requisition that includes materials that potentially would be subject to this program must be routed through SEC for review and approval as described in WP 15-PC3609, *Preparation of Purchase Requisitions*. SEC will verify that appropriate factors have been taken into consideration and any necessary justifications are included.

- Coordinate Sustainable Procurement Plan implementation in concert with SEC.
- Review and revise applicable procurement procedures, policies, and training materials to include provisions for sustainable procurement requirements (including prescribed DOE forms).
- Retain exemption-justification forms attached to the purchase requisition in the Integrated Financial Management System when sustainable products are not able to be acquired in accordance with DOE requirements.
- Assist in gathering internal and subcontract data for the DOE required reports and provide it to SEC.
- Assist organizations in securing sustainable product literature as needed.
- Provide guidance and assist with sustainable product supplier development and promotion activities.
- Coordinate market/cost evaluations of sustainable product use upon request.
- Include provisions in Requests for Proposal that require documents to be printed double-sided on recycled paper that meets or exceeds established minimum content standards (see the EPA's CPG).

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9.3 NWP – QA

This plan and its implementation will be evaluated through internal assessment programs. The plan along with supporting procedures will be reviewed on a regular basis to identify needed changes to improve the effectiveness based on site needs and regulatory requirements. The program will be updated as needed changes are identified.

- Provide resources and training to assure evaluation regarding the performance of this plan is clear, concise and affective.
- Provide trained personnel to evaluate the performance of this plan in conjunction to the associated procedures on an annual basis.
- Place emphasis on providing recommendations that assure continuous performance of sustainability procurement as defined by this plan.

9.4 Human Resources Technical Training

Human Resources and Technical Training shall tailor training to include the promotion of sustainable products to appropriate audiences.

1. General Employee Training (Initial and Refresher)
 - Thorough understanding of the general employee's responsibility in terms of product acquisition.
 - Introduction to the SF Tool <https://sftool.gov/greenprocurement>.
 - Thorough understanding of the mandatory sustainability research process.
 - Include a general understanding of the sustainable procurement documentation requirements needed to meet performance reporting.
 - Assure the procurement process can be navigated as a probable product requestor.
 - Include an introduction to recycled content, BioBased/BioPreferred, SNAP, SaferChoice, WaterSense, Energy Star, FEMP, EPEAT, and SmartWay.
 - Include introduction to the Non-Sustainable Justification and its prescribed application.
 - Include a thorough understanding of how the CAP criteria is applied (product exceeds 150%).

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2. Requisitioner Training
 - Thorough understanding of the requisitioner role and responsibility in terms of product acquisition.
 - Introduction to the SF Tool <https://sftool.gov/greenprocurement>.
 - General understanding of the mandatory sustainability research process.
 - Include a thorough understanding of the sustainable procurement documentation requirements needed to meet performance reporting.
 - So that assurance of the mandatory sustainability product research has been documented in accordance with WP 15-PC3609, *Preparation of Purchase Requisitions*.
 - Include an introduction to recycled content, BioBased/BioPreferred, SNAP, SaferChoice, WaterSense, Energy Star, FEMP, EPEAT, and SmartWay.
 - Include introduction to the Non-Sustainable Justification and its prescribed application.
 - Include a thorough understanding of how the CAP criteria is applied (product exceeds 150%).
 - Note that every applicable product request must be forwarded to SEC for review; prior to product purchase.
3. P-Card training
 - Thorough understanding of the requisitioner role and responsibility in terms of product acquisition.
 - Introduction to the SF Tool <https://sftool.gov/greenprocurement>.
 - General understanding of the mandatory sustainability research process.
 - Include a thorough understanding of the sustainable procurement documentation requirements needed to meet performance reporting.
 - So that assurance of the mandatory sustainability product research has been documented in accordance with WP 15-PC3042, *Credit Card Purchases*.

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- Include an introduction to recycled content, BioBased/BioPreferred, SNAP, SaferChoice, WaterSense, Energy Star, FEMP, EPEAT, and SmartWay.
 - Include introduction to the Non-Sustainable Justification and its prescribed application.
 - Include a thorough understanding of how the CAP criteria is applied (product exceeds 150%).
- Note that every applicable product request must be forwarded to SEC for review; prior to product purchase.

Product requestors, requisitioners, and/or credit card users may contact the Sustainability Coordinator to obtain assistance in completing the required research defined by this plan.

Subcontractors - whose work has the potential to generate significant opportunity for the purchase of sustainable products shall be made aware of this program and its requirements through the vendor video and/or joint efforts between human resources, procurement services and the SEC Sustainability Coordinator.

Training resources specific to recycled content, BioBased/BioPreferred, SNAP, SaferChoice, WaterSense, Energy Star, FEMP, EPEAT, and SmartWay, shall be provided to HR/Training by SEC.

9.5 Managers

- Assure time constraints, budget restrictions, or staffing shortfalls do not alter your groups/departments ability to meet the sustainability pre-procurement expectations as defined by this plan.
- Assure procedures incorporate (when applicable) the sustainable procurement expectations as defined by this plan (Recycled content, BioBased/BioPreferred, SNAP, SaferChoice influencing the reduction of GHG, ODS and VOC, EnergyStar, FEMP, EPEAT, and SmartWay) are successfully adhered.
- Assure purchase requisitions within their span of control take into consideration the prescribed sustainable procurement expectations described in this plan.
- Assure purchase requisitions have received the required sustainability review and approval from SEC.
- Assure credit card purchases meet the expectations described in this plan.
- Assure product justifications are complete and submitted to SEC as applicable.

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9.6 Purchase Requisitioner

- Encourage product requestor to complete the pre-procurement process as defined by this plan.
- Ensure product requestor provides a complete pre-procurement package that meets the sustainable procurement expectation defined by this plan.
- Ensure consideration to purchase sustainable products (as applicable) that meet the expectations defined by this plan (Recycled content, BioBased/BioPreferred content, SNAP, SaferChoice labeling to influence the reduction of GHG, ODS and VOC, EnergyStar, FEMP, EPEAT, and SmartWay).
- Ensure product requestor has provided written justification using EA15PC3609-4-0, *Non-Sustainable Justification*, in accordance with WP 15-PC3609, *Preparation of Purchase Requisitions*, when purchasing products that do not meet the sustainability requirements as defined by this plan.
- Designate SEC as an approver of purchase requisitions in accordance with WP 15-PC3609.
- Ensure recommendation of a supplier/vendor proposed to the procurement buyer, depicts consideration specific to the sustainability procurement standards defined by this plan; so that cost-efficiency, predefined purchasing specification, performance, or design specification outlined in the procurement document does not supersede the sustainable procurement expectation as defined by this plan.

9.7 Credit Card (P-Card) User

- Encourage the product requestor to complete the pre-procurement process in accordance with Section 10.0, *Process*, of this plan.
- Ensure the product requestor provides a complete pre-procurement package that (as applicable) meets the sustainable procurement expectation defined by this plan.
- Ensure consideration to purchase sustainable products (as applicable) that meet the expectations defined by this plan (Recycled content, BioBased/BioPreferred content, SNAP, SaferChoice labeling to influence the reduction of GHG, ODS and VOC, EnergyStar, FEMP, EPEAT, and SmartWay).
- Ensure product requestor has provided (as applicable) written justification using EA15PC3609-4-0, *Non-Sustainable Justification*, in accordance with WP 15-PC3609, *Preparation of Purchase Requisitions*, when purchasing products that do not meet the sustainability requirements as defined by this plan.

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- Allow SEC to review the product request prior to purchase (as applicable) to ensure the product request meets the sustainable procurement expectations defined by this plan.
- Ensure recommendation of a supplier/vendor proposed by the product requestor, depicts consideration specific to the sustainability procurement standards defined by this plan; so that cost-efficiency, predefined purchasing specification, performance or design specification outlined by the product requestor does not supersede the sustainable procurement expectation as defined by this plan.
- Keep and maintain procurement records/documentation in accordance with WP 15-PC3042, *Credit Card Purchases*.

9.8 Product Requestor (All WIPP Personnel)

In accordance with EO 13843, *Efficient Federal Operations*, sustainable procurement responsibilities are to be shared by all personnel. In support of this requirement all WIPP personnel are considered to be and able to function as a product requestor. This function implies that every employee shall understand and comply with the sustainable pre-procurement expectations defined by this plan.

All personnel shall:

- Be sufficiently familiar with the sustainable pre-procurement actions defined in this plan.
- Be able to effectively research and document a sustainable procurement requirement.
- Be able to source, build, and complete a sustainable pre-procurement package to be submitted to their Credit Card (P-Card) holder or group/department requisitioner as directed in this plan.
- As NWP/WIPP employees, contractors/subcontractors, vendors, and service providers; you are responsible for communicating the NWP process for collecting and reporting sustainable procurement performance data so that the required information is provided to NWP in an efficient manner.
- As NWP/WIPP employees, contractors/subcontractors, vendors, and service providers; you must strive to meet the expectations presented to you specific to your roll and responsibility; your actions serve WIPP in meeting the sustainable performance expectation.
- As NWP/WIPP employees, contractors/subcontractors, vendors and service providers; it is your responsibility to participate in WIPP sustainable procurement strategies presented to you.

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- As NWP/WIPP employees, contractors/subcontractors, vendors and service providers; it is your responsibility to participate and support efforts or techniques applied at WIPP; including on-site recycling, efforts to reduce generated waste, and prevent pollution.

Consider these techniques when applicable:

- Use or reuse of materials rather than disposal.
- Reduce need for purchasing materials through:
 - Use of electronic transfer rather than paper distribution.
 - Double-sided copying of documents.
 - Printing presentations with multiple slides per page.
 - Planning work so that minimal waste is generated.

10.0 PROCESS

The process begins when a product requestor first perceives a need for a product. It is the product requestor who is responsible for completing the mandatory GSA product research prior to providing the product acquisition package to the groups designated product requisitioner.

The requestor shall identify the product, research the product to determine the product's sustainability requirement, document the sustainability requirement, and ensure the product requested meets the defined sustainability requirement. If the product can or will not meet the defined sustainability requirement than it is the product requestor who must provide written justification based on the CAP criteria as defined by EA15PC3609-4-0, *Non-Sustainable Justification*.

This process is a part of the pre-procurement requirements defined by the plan. Questions must be considered, determined, and documented in accordance with this plan for any project regardless of size, priority, or budget.

Sustainability requirements shall be denoted and embedded within the project detail documents. These documents may include architectural bids, design contracts, concept design drawings, construction contracts, SOWs or any document that describes or prescribes design product project specification details.

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10.1 Product Requestor

Once a need for a product has been identified and defined, complete the following steps in order.

STEP 1:

Document the product information using any form provided by your group's requisitioner. For P-Cards, utilize the credit card order form. (*These documents will serve as your pre-procurement reference tool and allow you to document information as acquired.*)

STEP 2:

Search for the product on the SF Tool available at <https://sftool.gov/greenprocurement>.

STEP 3:

Research the product, determine and document the product's sustainability requirement(s). (If you are having difficulty discovering if the applicable product does/does not have a sustainability requirement associated with it, you may contact SEC and the Sustainability Coordinator listed on the Sustainability web-page located at <http://wippcentral/sites/groups/RES/Pages/Sustainability.aspx>.)

STEP 4A:

If it is determined that your product does not meet ALL of the federal requirements, **YOU ARE REQUIRED TO CREATE AND SUBMIT A JUSTIFICATION DOCUMENT.**

STEP 4B:

If the non-sustainable product requires the submission of an SDS, submit the SDS by email to safety (IH). Safety will forward the product request to SEC for an environmental and sustainability review.

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STEP 4C:

If the product does not require the submission of an SDS, adhere to procedure WP 15-PC3609, *Preparation of Purchase Requisitions*, or WP 15-PC3042, *Credit Card Purchases*.

Submit the product request to SEC for review; if it is known the product requested will not meet the sustainability requirements, you must include written reference to three alternative products that may or may not meet your specification need based on the CAP criteria; include price and vendor information (CAP criteria can be found on page 2 of the NSJ [EA15PC3609-4-0]).

STEP 5:

After forwarding the purchase request to the applicable party for initial review wait for written response prior to proceeding.

STEP 6:

Once the product requestor receives verification of product review and you are requested to generate or produce supportive evidence like an NSJ, ensure the document receives the required signatures prior to proceeding to Step 7. (Note: SEC is the last signature to be obtained on an NSJ. If the product in question has met or doesn't have any identified sustainability requirement and it doesn't require the submission of an SDS or NSJ, refer to Step 8).

STEP 7:

Re-submit your documentation to safety (IH) and/or SEC for final review and purchase approval.

STEP 8:

Once safety (IH) and SEC has confirmed product approval, provide all documentation with the purchase requisition entered in the system, or kept with P-Card holder's records.

IMPORTANT NOTICE:

Failure to comply with these directions or any written procedure specific to sustainability will result in the following:

- Product will be held without release from the warehouse by safety department.
- Product may be returned to the shipper and/or vendor without notice by warehouse personnel.

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- Product may force the creation of a WIPP form - Specific to failure to comply with procurement policy and/or the sustainability procurement plan.

1. Non-Sustainable Justification (EA15PC3609-4-0)

The NSJ must be created, submitted, and approved prior to product purchase. If at any time a product will/will not meet any part of or all of the sustainable requirements determined and documented by the product requestor, ensure the following CAP criteria is applied:

- Cost (sustainable product is greater than 150% of cost of non-sustainable product)
- Availability (sustainable product is not available within time frame required)
- Performance (sustainable product does not meet performance requirement specified by engineering or design specification)

10.2 Acquisition Planners

Must consider the following questions:

- Is there a WIPP environmental objective or target that directs sustainable procurement relative to this product acquisition?
- Are there options which would eliminate the use of virgin material requirements?
- Is there a less toxic substance that can be used?
- Is there an opportunity to use sustainable products (Recycled, BioBased/BioPreferred, SNAP, SaferChoice, WaterSense, EnergyStar, FEMP, and EPEAT)?
- Is there a less toxic substance that can be used?
- Are there recovered materials, either within WIPP, the DOE Complex, or externally that would meet the specifications?
- Is there an opportunity to reuse products once they are no longer needed for this project?
- Can the life-cycle cost be reduced by using sustainable products?
- What wastes will be generated and can the project be designed to ensure maximum recyclability?
- How can this project acquisition be designed to prevent waste as much as possible (reducing or eliminating toxic/hazardous materials/wastes)?
- What will be the ultimate disposal requirements for this acquisition including costs?

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- Are there effective substitutes for any Class I or II ozone-depleting substances?
- How can this project acquisition be designed to prevent the use of or reduce the generation of greenhouse gases (e.g. carbon dioxide, methane, refrigerants, and fluorinated gases)?
- How can this project be designed to utilize SmartWay logistic providers?

In addition, the above factors must be considered in planning for procurements of subcontracts.

1. Tools to Assist Acquisition Planners

The WIPP EMS website provides a link to the WIPP environmental objectives and targets. The webpage can be found at <http://wippcentral/sites/groups/RES/Pages/EMS.aspx>.

The WIPP Sustainability website provides links to external websites that will assist acquisition planners and purchasers in identifying the sustainable product requirements and can be found at <http://wippcentral/sites/groups/RES/Pages/Sustainability.aspx>.

Attachment 1 provides a comprehensive list of products on the USDA BioBased/BioPreferred Program.

- Absorbents/adsorbents
- Adhesives/inks/coatings
- Alternative fuels and fuel additives
- Carpet/non-carpet floor coverings
- Composite panels (i.e., interior panels, plastic lumber)
- Lubricants/functional fuels/grease
- Renewable alternative fiber papers/packaging
- Solvents/cleaners/surfactants/sanitizers
- Plant-based plastics/degradable polymers/films
- Landscaping products
- Biocontrol/bioremediation media
- New fibers/fill/yarn/insulation
- Enzymes/intermediate chemicals

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Attachment 2 provides a comprehensive list of products on the EPA's CPG categories of products that potentially can be purchased with Recycled content are:

- Construction Products
- Landscaping Products
- Non-paper Office Products
- Paper and Paper Products
- Park and Recreation Products
- Transportation Products
- Vehicular Products
- Miscellaneous Products

In addition, the DOE may set minimum content standards (preference standards) for recovered materials by categories. If DOE has set a preference standard it will be identified in the General Services Administration (GSA) Green Products Compilation accessible from the WIPP Sustainability web page.

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11.0 REFERENCES

DOCUMENT NUMBER AND TITLE
EO 13843, <i>Efficient Federal Operations</i>
EO 13693, <i>Planning for Federal Sustainability in the Next Decade</i>
DOE O 436.1, <i>Departmental Sustainability</i>
Nuclear Waste Partnership LLC Prime Contract
Hazardous Waste Facility Permit - Sec. 2.4
New Mexico Administrative Code - 20.4.1.500
RCRA 42 United States Code §6901 et seq. - Section 6002(i)
40 CFR, Protection of Environment, Parts 248, 249, 250, 252, and 253
48 CFR 952.223-78, <i>Sustainable Acquisition Program</i>
I.143 DEAR 970.5223-6
Federal Acquisition Requirement (FAR) Clauses <ul style="list-style-type: none"> • I.55 FAR 52.223-10, <i>Waste Reduction Program</i> • I.56 FAR 52.223-11, <i>Ozone-Depleting Substances</i> • I.57 FAR 52-223-12, <i>Refrigeration Equipment And Air Conditioners</i> • I.58 FAR 52.52.223-14, <i>Toxic Chemical Release Reporting</i> • I.59 FAR 52.223-17, <i>Affirmative Procurement of EPA-Designated Items In Service And Construction Contracts</i>
DOE/WIPP-04-3310, <i>WIPP Environmental Policy Statement</i>
DOE/WIPP-05-3318, <i>WIPP Environmental Management System Description</i>
DOE/WIPP-11-3474, <i>Waste Isolation Pilot Plant Electronics Management Policy Statement</i>
WP 02-EC.07, <i>Waste Isolation Pilot Plant Sustainable Procurement Plan</i>
WP 02-EC.08, <i>National Environmental Policy Act Compliance Plan</i>
WP 02-EC.11, <i>WIPP Pollution Prevention Program Plan</i>
WP 15-PC3042, <i>Credit Card Purchases</i>
WP 15-PC3609, <i>Preparation of Purchase Requisitions</i>
EA15PC3609-4-0, <i>Non-Sustainable Justification</i>

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Attachment 1 – USDA BioBased/BioPreferred Product Listing

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USDA Designated Biobased Product Categories for Federal Procurement Preference

Adhesive and Mastic Removers - 58% - Minimum Biobased Content

Solvent products formulated for use in removing asbestos, carpet, and tile mastics as well as adhesive materials, including glue, tape, and gum, from various surface types.

Air Fresheners and Deodorizers - 97% - Minimum Biobased Content

Products used to alleviate the experience of unpleasant odors by chemical neutralization, absorption, anesthetization, or masking.

Animal Repellents - 79% - Minimum Biobased Content

Products used to aid in deterring animals that cause destruction to plants and/or property.

Asphalt and Tar Removers - 80% - Minimum Biobased Content

Cleaning agents designed to remove asphalt or tar from equipment, roads, or other surfaces.

Asphalt Restorers - 68% - Minimum Biobased Content

Products designed to seal, protect, or restore poured asphalt and concrete surfaces.

Bath Products - 61% - Minimum Biobased Content

Personal hygiene products including bar soaps, liquids, or gels that are referred to as body washes, body shampoos, or cleansing lotions.

Bathroom and Spa Cleaners – 74% - Minimum Biobased Content

Products that are designed to clean and/or prevent deposits on surfaces found in bathrooms and spas including, but not necessarily limited to, bath tubs and spas, shower stalls, shower doors, shower curtains, and bathroom walls, floors, doors, and counter and sink tops. Products in this item may be designed to be applied to a specific type of surface or to multiple surface types. They are available both in concentrated and ready-to-use forms.

Bedding, Bed Linens, and Towels - 12% - Minimum Biobased Content

Bedding is that group of woven cloth products used as coverings on a bed. Bedding includes products such as blankets, bedspreads, comforters, and quilts. Bed linens are woven cloth sheets and pillowcases used in bedding. Towels are woven cloth products used primarily for drying and wiping.

Bioremediation Materials - 86% - Minimum Biobased Content

Dry or liquid solutions (including those containing bacteria or other microbes but not including sorbent materials) used to clean oil, fuel, and other hazardous spill sites.

Blast Media - 94% - Minimum Biobased Content

Abrasive particles sprayed forcefully to clean, remove contaminants, or condition surfaces, often preceding coating.

Candles and Wax Melts - 88% - Minimum Biobased Content

Products composed of a solid mass and either an embedded wick that is burned to provide light or aroma, or that are wickless and melt when heated to produce an aroma.

Carpets - 7% - Minimum Biobased Content

Floor coverings composed of woven, tufted, or knitted fiber and a backing system.

Carpet and Upholstery Cleaners

Cleaning products formulated specifically for use in cleaning carpets and upholstery, through a dry or wet process, found in locations such as houses, cars, and workplaces.

Carpet and Upholstery Cleaners – General Purpose - 54% - Minimum Biobased Content

Carpet and upholstery cleaners formulated for use in cleaning large areas such as the carpet in an entire room or the upholstery on an entire piece of furniture.

Carpet and Upholstery Cleaners – Spot Removers - 7% - Minimum Biobased Content

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Carpet and upholstery cleaners formulated for use in removing spots or stains in a small confined area.

Chain and Cable Lubricants - 77% - Minimum Biobased Content

Products designed to provide lubrication in such applications as bar and roller chains, sprockets, and wire ropes and cables. Products may also prevent rust and corrosion in these applications.

Composite Panels

Acoustical - 37% - Minimum Biobased Content

Engineered products designed for use as structural and sound deadening material suitable for office partitions and doors.

Interior Panels - 55% - Minimum Biobased Content

Engineered products designed specifically for interior applications and providing a surface that is impact-, scratch-, and wear-resistant and that does not absorb or retain moisture.

Plastic Lumber - 23% - Minimum Biobased Content

Engineered products suitable for non-structural outdoor needs such as exterior signs, trash can holders, and dimensional letters.

Structural Interior Panels 89% - Minimum Biobased Content

Engineered products designed for use in structural construction applications, including cabinetry, casework, paneling, and decorative panels.

Structural Wall Panels 94% - Minimum Biobased Content

Engineered products designed for use in structural walls, curtain walls, floors and flat roofs in commercial buildings.

Compost Activators and Accelerators - 95% - Minimum Biobased Content

Products in liquid or powder form designed to be applied to compost piles to aid in speeding up the composting process and to ensure successful compost that is ready for consumer use.

Concrete and Asphalt Cleaners - 70% - Minimum Biobased Content

Chemicals used in concrete etching as well as to remove petroleum-based soils, lubricants, paints, mastics, organic soils, rust, and dirt from concrete, asphalt, stone and other hard porous surfaces for commercial, industrial, or residential use.

Concrete and Asphalt Release Fluids - 87% - Minimum Biobased Content

Products that are designed to provide a lubricating barrier between the composite surface materials (e.g., concrete or asphalt) and the container (e.g., wood or metal forms, truck beds, roller surfaces).

Corrosion Preventatives - 53% - Minimum Biobased Content

Products designed to prevent metals from wearing away due to a chemical reaction. These may also include products that prevent ceramics and polymers from degrading under environmental factors or chemicals.

Cuts, Burns, and Abrasions Ointments - 84% - Minimum Biobased Content

Products designed to aid in the healing and sanitizing of scratches, cuts, bruises, abrasions, sun damaged skin, tattoos, rashes and other skin conditions.

De-Icers - General Purpose - 93% - Minimum Biobased Content

Chemical products (e.g., salt, fluids) that are designed to aid in the removal of snow and/or ice, and/or in the prevention of the buildup of snow and/or ice, in general use applications by lowering the freezing point of water. Specialized de-icer products, such as those used to de-ice aircraft and airport runways, are not included.

Diesel Fuel Additives - 90% - Minimum Biobased Content

Any substance, other than one composed solely of carbon and/or hydrogen, that is intentionally added to diesel fuel (including any added to a motor vehicle's fuel system) and that is not intentionally removed prior to sale or use. Neat biodiesel, also referred to as B100, when used as an additive. Diesel fuel additive does not mean neat biodiesel when used as a fuel or blended biodiesel fuel (e.g., B20).

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Dishwashing Products - 58% - Minimum Biobased Content

Soaps and detergents used for cleaning and clean rinsing of tableware in either hand washing or dishwashing.

Disposable Containers - 72% - Minimum Biobased Content

Products designed to be used for temporary storage or transportation of materials including, but not limited to, food items.

Disposable Cutlery - 48% - Minimum Biobased Content

Hand-held, disposable utensils designed for one-time use in eating food.

Disposable Tableware - 72% - Minimum Biobased Content

Products made from, or coated with, plastic resins and used in dining, such as drink ware and dishware, including but not limited to cups, plates, bowls, and serving platters, and that are designed for one-time use. This item does not include disposable cutlery, which is a separate item.

Dust Suppressants - 85% - Minimum Biobased Content

Products formulated to reduce or eliminate the spread of dust associated with gravel roads, dirt parking lots, or similar sources of dust, including products used in equivalent indoor applications.

Electronic Components Cleaners - 91% - Minimum Biobased Content

Products that are designed to wash or remove dirt or extraneous matter from electronic parts, devices, circuits, or systems.

Erosion Control Materials - 77% - Minimum Biobased Content

Woven or non-woven fiber materials manufactured for use on construction, demolition, or other sites to prevent wind or water erosion of loose earth surfaces, which may be combined with seed and/or fertilizer to promote growth.

Expanded Polystyrene (EPS) Foam Recycling Products - 90% - Minimum Biobased Content

Products formulated to dissolve EPS foam to reduce the volume of recycled or discarded EPS items.

Fertilizers - 71% - Minimum Biobased Content

Products formulated or processed to provide nutrients for plant growth and/or beneficial bacteria to convert nutrients into plant usable forms. Biobased fertilizers, which are likely to consist mostly of biobased components, may include both biobased and chemical components.

Films

Products that are used in packaging, wrappings, linings, and other similar applications.

Films –Non-Durable - 85% - Minimum Biobased Content

Films that are intended for single use for short-term storage or protection before being discarded.

Non-durable films that are designed to have longer lives when used are included in this item.

Films – Semi Durable - 45% - Minimum Biobased Content

Films that are designed to resist water, ammonia, and other compounds, to be re-used, and to not readily biodegrade. Products in this item are typically used in the production of bags and packaging materials.

Firearm Lubricants - 49% - Minimum Biobased Content

Lubricants that are designed for use in firearms to reduce the friction and wear between the moving parts of a firearm, and to keep the weapon clean and prevent the formation of deposits that could cause the weapon to jam.

Floor Cleaners and Protectors - 71% - Minimum Biobased Content

Cleaning solutions for either direct application or use in floor scrubbers for wood, vinyl, tile, or similar hard surface floors.

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Floor Coverings (non-carpet) - 91% - Minimum Biobased Content

Products, other than carpet products, that are designed for use as the top layer on a floor. Examples are bamboo, hardwood, and cork tiles.

Floor Strippers - 78% - Minimum Biobased Content

Products that are formulated to loosen waxes, resins, or varnishes from floor surfaces. They can be in either liquid or gel form, and may also be used with or without mechanical assistance.

Fluid-Filled Transformers**Fluid-Filled Transformers - Synthetic Ester-Based - 66% - Minimum Biobased Content**

Electric power transformers that are designed to utilize a synthetic ester-based dielectric (non-conducting) fluid to provide insulating and cooling properties.

Fluid-Filled Transformers - Vegetable Oil -Based - 95% - Minimum Biobased Content

Electric power transformers that are designed to utilize a vegetable oil-based dielectric (nonconducting) fluid to provide insulating and cooling properties.

Food Cleaners - 53% - Minimum Biobased Content

Anti-microbial products designed to clean the outer layer of various food products, such as fruit, vegetables, and meats.

Foot Care Products - 83% - Minimum Biobased Content

Products formulated to be used in the soothing or cleaning of feet.

Forming Lubricants - 68% - Minimum Biobased Content

Products designed to provide lubrication during metalworking applications that are performed under extreme pressure. Such metalworking applications include tube bending, stretch forming, press braking, and swaging.

Furniture Cleaners and Protectors - 77% - Minimum Biobased Content

Products designed to clean and provide protection to the surfaces of household furniture other than the upholstery.

Gear Lubricants - 58% - Minimum Biobased Content

Products, such as greases or oils, that are designed to reduce friction when applied to a toothed machine part (such as a wheel or cylinder) that meshes with another toothed part to transmit motion or to change speed or direction.

General Purpose Household Cleaners - 39% - Minimum Biobased Content

Products designed to clean multiple common household surfaces. This designated item does not include products that are formulated for use as disinfectants. Task-specific cleaning products, such as spot and stain removers, upholstery cleaners, bathroom cleaners, glass cleaners, etc., are not included in this item.

Glass Cleaners - 49% - Minimum Biobased Content

Cleaning products designed specifically for use in cleaning glass surfaces, such as windows, mirrors, car windows, and computer monitors.

Graffiti and Grease Removers - 34% - Minimum Biobased Content

Industrial solvent products formulated to remove automotive, industrial, or kitchen soils and oils, including grease, paint, and other coatings, from hard surfaces.

Greases

Lubricants composed of oils thickened to a semisolid or solid consistency using soaps, polymers or other solids, or other thickeners.

Food Grade - 42% - Minimum Biobased Content

Lubricants that are designed for use on food-processing equipment as a protective anti-rust film, as a release agent on gaskets or seals of tank closures, or on machine parts and equipment in locations in which there is exposure of the lubricated part to food.

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Multipurpose - 72% - Minimum Biobased Content

Lubricants that are designed for general use.

Rail Track - 30% - Minimum Biobased Content

Lubricants that are designed for use on railroad tracks or heavy crane tracks.

Truck - 71% - Minimum Biobased Content

Lubricants that are designed for use on the fifth wheel of tractor trailer trucks onto which the semi-trailer rests and pivots.

Greases Not Elsewhere Specified - 75% - Minimum Biobased Content

Lubricants that meet the general definition of greases but that are not otherwise covered by the other grease subcategories.

Hair Care Products

Personal hygiene products specifically formulated for hair cleaning and treating applications, including shampoos and conditioners.

Conditioners - 78% - Minimum Biobased Content

These are products whose primary purpose is treating hair to improve the overall condition of hair.

Shampoos - 66% - Minimum Biobased Content

These are products whose primary purpose is cleaning hair. Products that contain both shampoos and conditioners are included in this subcategory because the primary purpose of these products is cleaning the hair.

Hand Cleaners and Sanitizers

Hand Cleaners - 64% - Minimum Biobased Content

Products formulated for personal care use in removing a variety of different soils, greases, and similar substances from human hands with or without the use of water.

Hand Sanitizers - 73% - Minimum Biobased Content

Products formulated for personal care use in removing bacteria from human hands with or without the use of water. Personal care products that are formulated for use in removing a variety of different soils, greases and similar substances and bacteria from human hands with or without the use of water are classified as hand sanitizers for the purposes of this rule.

Heat Transfer Fluids - 89% - Minimum Biobased Content

Products with high thermal capacities used to facilitate the transfer of heat from one location to another, including coolants or refrigerants for use in HVAC applications, internal combustion engines, personal cooling devices, thermal energy storage, or other heating or cooling closed-loops.

Hydraulic Fluids - Mobile Equipment - 44% - Minimum Biobased Content

Hydraulic fluids formulated for general use in nonstationary equipment, such as tractors, end loaders, or backhoes.

Hydraulic Fluids - Stationary Equipment - 44% - Minimum Biobased Content

Fluids formulated for use in stationary hydraulic equipment systems that have various mechanical parts, such as cylinders, pumps, valves, pistons, and gears, that are used for the transmission of power (and also for lubrication and/or wear, rust, and oxidation protection).

Industrial Cleaners - 41% - Minimum Biobased Content

Products used to remove contaminants, such as adhesives, inks, paint, dirt, soil, and grease, from parts, products, tools, machinery, equipment, vessels, floors, walls, and other production-related work areas. The cleaning products within this item are usually solvents, but may take other forms. They may be used in either straight solution or diluted with water in pressure washers, or in hand wiping applications in industrial or manufacturing settings, such as inside vessels. Task-specific cleaners used in industrial settings, such as parts wash solutions, are not included in this definition.

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Inks

Inks are liquid or powdered materials that are available in several colors and that are used to create the visual image on a substrate when writing, printing, and copying.

Specialty inks - 66% - Minimum Biobased Content

Inks used by printers to add extra characteristics to their prints for special effects or functions. Specialty inks include, but are not limited to: CD printing, erasable, FDA compliant, invisible, magnetic, scratch and sniff, thermochromic, and tree marking inks.

Inks (sheetfed – color) - 67% - Minimum Biobased Content

Pigmented inks (other than black inks) used on coated and uncoated paper, paperboard, some plastic, and foil to print in color on annual reports, brochures, labels, and similar materials.

Inks (sheetfed – black) - 49% - Minimum Biobased Content

Black inks used on coated and uncoated paper, paperboard, some plastic, and foil to print in black on annual reports, brochures, labels, and similar materials.

Inks (printer toner – < 25 pages per minute (ppm)) - 34% - Minimum Biobased Content

Inks that are a powdered chemical, used in photocopying machines and laser printers, which is transferred onto paper to form the printed image. These inks are formulated to be used in printers with standard fusing mechanisms and print speeds of less than 25 ppm.

Inks (printer toner – ≥ 25 ppm) - 20% - Minimum Biobased Content

Inks that are a powdered chemical, used in photocopying machines and laser printers, which is transferred onto paper to form the printed image. These inks are formulated to be used in printers with advanced fusing mechanisms and print speeds of 25 ppm or greater.

Inks (news) - 32% - Minimum Biobased Content

Inks used primarily to print newspapers.

Ink Removers and Cleaners - 79% - Minimum Biobased Content

Chemical products designed to remove ink, haze, glaze, and other residual ink contaminants from the surfaces of equipment, such as rollers, used in the textile and printing industries.

Interior Paints and Coatings

Pigmented liquids, formulated for use indoors, that dry to form a film and provide protection and added color to the objects or surfaces to which they are applied.

Latex and Waterborne Alkyd - 20% - Minimum Biobased Content

Oil-Based and Solventborne Alkyd - 67% - Minimum Biobased Content

Laundry Products

Products that are designed to clean, condition, or otherwise affect the quality of the laundered material. Such products include but are not limited to laundry detergents, bleach, and fabric softeners.

General Purpose Laundry Products - 34% - Minimum Biobased Content

These are laundry products used for regular cleaning activities.

Pretreatment/Spot Removers - 46% - Minimum Biobased Content

These are laundry products specifically used to pretreat laundry to assist in the removal of spots and stains during laundering.

Lip Care Products - 82% - Minimum Biobased Content

Personal care products formulated to replenish the moisture and/or prevent drying of the lips.

Metalworking Fluids

Fluids that are designed to provide cooling, lubrication, corrosion prevention, and reduced wear on the contact parts of machinery used for metalworking operations such as cutting, drilling, grinding, machining, and tapping.

General Purpose Soluble, Semi-Synthetic, and Synthetic Oils - 57% - Minimum Biobased Content

Metalworking fluids formulated for use in a re-circulating fluid system to provide cooling, lubrication, and corrosion prevention when applied to metal feedstock during normal grinding and machining operations.

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High Performance Soluble, Semi-Synthetic, and Synthetic Oils - 40% - Minimum Biobased Content

Metalworking fluids formulated for use in a re-circulating fluid system to provide cooling, lubrication, and corrosion prevention when applied to metal feedstock during grinding and machining operations involving unusually high temperatures or corrosion potential.

Straight Oils - 66% - Minimum Biobased Content

Metalworking fluids that are not diluted with water prior to use and are generally used for metalworking processes that require lubrication rather than cooling.

Mulch and Compost Materials - 95% - Minimum Biobased Content

Products designed to provide a protective covering placed over the soil, primarily to keep down weeds and to improve the appearance of landscaping. Compost is the aerobically decomposed remnants of organic materials used in gardening and agriculture as a soil amendment, and commercially by the landscaping and container nursery industries.

Multipurpose Cleaners - 56% - Minimum Biobased Content

Products used to clean dirt, grease, and grime from a variety of items in both industrial and domestic settings. This designated item does not include products that are formulated for use as disinfectants.

Multipurpose Lubricants - 88% - Minimum Biobased Content

Products designed to provide lubrication under a variety of conditions and in a variety of industrial settings to prevent friction or rust. Greases, which are lubricants composed of oils thickened to a semisolid or solid consistency using soaps, polymers or other solids, or other thickeners, are not included in this item. In addition, task-specific lubricants, such as chain and cable lubricants and gear lubricants, are not included in this item.

Oven and Grill Cleaners - 66% - Minimum Biobased Content

Liquid or gel cleaning agents used on high temperature cooking surfaces such as barbecues, smokers, grills, stoves, and ovens to soften and loosen charred food, grease, and residue.

Packing and Insulating Materials - 74% - Minimum Biobased Content

Pre-formed and molded materials that are used to hold package contents in place during shipping or for insulating and sound proofing applications.

Parts Wash Solutions - 65% - Minimum Biobased Content

Products that are designed to clean parts in manual or automatic cleaning systems. Such systems include, but are not limited to, soak vats and tanks, cabinet washers, and ultrasonic cleaners.

Penetrating Lubricants - 68% - Minimum Biobased Content

Products formulated to provide light lubrication and corrosion resistance in close tolerant internal and external applications including frozen nuts and bolts, power tools, gears, valves, chains, and cables.

Plastic Insulating Foam for Residential and Commercial Construction - 7% - Minimum Biobased Content

Spray-in-place plastic foam products designed to provide a sealed thermal barrier for residential or commercial construction applications.

Pneumatic Equipment Lubricants - 67% - Minimum Biobased Content

Lubricants designed specifically for pneumatic equipment, including air compressors, vacuum pumps, in-line lubricators, rock drills, jackhammers, etc.

Roof Coatings - 20% - Minimum Biobased Content

Coatings formulated for use in commercial roof deck systems to provide a single-coat monolith coating system.

Slide Way Lubricants - 74% - Minimum Biobased Content

Products used to provide lubrication and eliminate stick-slip and table chatter by reducing friction between mating surfaces, or slides, found in machine tools.

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Sorbents - 89% - Minimum Biobased Content

Materials formulated for use in the cleanup and automotive, industrial, or kitchen soils and oils, including grease, paint, and other coatings, from hard surfaces.

Thermal Shipping Containers

Insulated containers designed for shipping temperature-sensitive materials.

Durable - 21% - Minimum Biobased Content

These are thermal shipping containers that are designed to be reused over an extended period of time.

Non-durable - 82% - Minimum Biobased Content

These are thermal shipping containers that are designed to be used once.

Topical Pain Relief Products - 91% - Minimum Biobased Content

Products that can be balms, creams and other topical treatments used for the relief of muscle, joint, headache, and nerve pain, as well as sprains, bruises, swelling, and other aches.

Turbine Drip Oils - 87% - Minimum Biobased Content

Products that are lubricants for use in drip lubrication systems for water well line shaft bearings, water turbine bearings for irrigation pumps, and other turbine bearing applications.

Two-Cycle Engine Oils - 34% - Minimum Biobased Content

Lubricants designed for use in 2-cycle engines to provide lubrication, decreased spark plug fouling, reduced deposit formation, and/or reduced engine wear.

Water Tank Coatings - 59% - Minimum Biobased Content

Coatings formulated for use in potable water storage systems.

Wood and Concrete Sealers

Products that are penetrating liquids formulated to protect wood and/or concrete, including masonry and fiber cement siding, from damage caused by insects, moisture, and decaying fungi and to make surfaces water resistant.

Membrane Concrete Sealers - 11% - Minimum Biobased Content

Concrete sealers that are formulated to form a protective layer on the surface of the substrate.

Penetrating Liquid Sealers - 79% - Minimum Biobased Content

Wood and concrete sealers that are formulated to penetrate the outer surface of the substrate.

Wood and Concrete Stains - 39% - Minimum Biobased Content

Products that are designed to be applied as a finish for concrete and wood surfaces and that contain dyes or pigments to change the color without concealing the grain pattern or surface texture.

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Attachment 2 – EPA CPG Categories and Designated Items

<p>Paper and Paper Products Bristols (file folders, index cards, etc.) Sanitary Tissue Products (commercial/industrial) – bathroom tissue, paper towels, paper napkins, facial tissue, general purpose industrial wipes Miscellaneous Paper Products (Tray Liners) Newsprint Paperboard and Packaging Products Printing and Writing Papers</p> <p>Vehicular Products Engine Coolants Rebuilt Vehicular Parts</p> <p>Re-refined Lubricating Oil Retread Tires</p> <p>Construction Products Building Insulation Products Carpet (polyester) Carpet Cushion Carpet and carpet backing (nylon) (<i>Proposed</i>) Cement and Concrete Containing Coal Fly Ash, Ground Granulated Blast Furnace Slag, Cenospheres, or Silica Fume Consolidated and Reprocessed Latex Paint Floor Tiles Flowable Fill Laminated Paperboard Modular Threshold Ramps Nonpressure Pipe Patio Blocks Railroad Grade Crossing Surfaces Roofing Materials Shower and Restroom Dividers/Partitions Structural Fiberboard</p> <p>Transportation Products Channelizers Delineators Flexible Delineators Parking Stops Traffic Barriers Traffic Cones</p>	<p>Park and Recreation Products Park Benches and Picnic Tables Containing Aluminum, Steel, Concrete, or Plastics Plastic Fencing Playground Equipment Containing Recovered Plastic, Steel, or Aluminum Playground Surfaces Running Tracks</p> <p>Landscaping Products Compost made from recovered organic material Fertilizer made from recovered organic material Garden and Soaker Hoses Hydraulic Mulch Lawn and Garden Edging Plastic Lumber Landscaping Timbers and Posts</p> <p>Non-Paper Office Products Binders- plastic covered, paper covered, and solid plastic Clip Portfolios – plastic Clipboards – plastic Desktop Accessories – plastic Envelopes – plastic File Folders - plastic Office Furniture Office Recycling Containers Office Waste Receptacles Presentation Folders – plastic Printer Ribbons Trash Bags - plastic Toner Cartridges</p> <p>Miscellaneous Products Awards and Plaques Bike Racks Blasting Grit Industrial Drums Manual-Grade Strapping Mats Pallets Signage Sorbents</p>
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