

Document Control Information			
Program:		Subsistence Green Procurement EMAP	
ID Number:		T3-2.04_EMAP.Subsistence.Green.Procurement	
Owner:		RSB	
Approver:		Subsistence Supply Chain Green Team	
ISO 14001 Reference:		4.3.3	
Document Change History (as hidden text, click ¶ to view)			
Revision Number	Revision Date	Nature of Revision	Document Reviewers
13	24 January 2017		
14	10 March 2017		
Background			
<p>The DLA Troop Support Subsistence Supply Chain developed a Green Procurement Program (GPP) that is customized to its unique business practices and customer expectations. The Supply Chain completed its first screening in 1999 to identify items in the supply chain in which the end item could have the potential to be more environmentally friendly. Biobased items are made from renewable plant or animal sources. After years of research and coordination, the first biobased, biodegradable items to enter the Subsistence inventory were recycled plastic, biodegradable garbage bags in 2006, followed shortly by the biodegradable compartmental tray. Both of these items are components of the Unitized Group Ration (UGR) program. In 2007, Subsistence incorporated biobased cutlery into its catalog. This success was awarded the 2008 White House Closing the Circle Environmental Award.</p> <p>Subsistence formalized its existing GPP through the formation of a team and the development of a Green Procurement Program Plan. The plan, which was approved by Subsistence’s Senior Leaders in September 2009 (updated March 2014), addresses the scope of the program; roles and responsibilities; competency training; communications; standard operating procedures; program monitoring; and management reviews.</p> <p>Subsistence procures almost 90-95% of its items through the Prime Vendor Program and the fact that most of these items are food items limits green product opportunities. Items in the Prime Vendor Program are assigned Local Stock Numbers (LSNs), for which associated product characteristics and logistics data are keyed into the EBS/STORES system. The Supply Chain has taken the initiative to input Environmental Attribute Codes (ENACs) for those LSNs that meet environmental criteria. Note that LSNs are not maintained within the Federal Logistics Information System (FLIS) and therefore those LSNs labeled with ENACs are not searchable in the FLIS database, only in EBS. Less than 10% of items procured by Subsistence (Operational Rations, Food Service and Field Feeding Equipment) are assigned National Stock Numbers (NSNs). NSN items are managed in FLIS and can also be assigned ENACs. These items are searchable in FLIS.</p> <p>The Subsistence Green Procurement Team will continue to seek opportunities to integrate biobased, and biodegradable items into the Supply Chain. Currently, the team is working with equipment manufacturers to review and identify qualified Food Service Equipment (FSE) with environmental attributes (i.e. FEMP/Energy Star compliant, Recycled Material content, Water conservation, etc.). While the team is able to incorporate green procurement into these aspects of the Supply Chain, again, 99% of its items are food and food-related products. Therefore, it must be realized that in terms of transitioning to “Green Items”, opportunities are limited to less than 1% of the items in the Subsistence Supply Chain.</p>			
Objectives			

**Environmental Management Action Plan (EMAP)
Subsistence Supply Chain Green Procurement Program**

Document ID: T3-2.04

The Subsistence Green Procurement Program’s primary goal is to incorporate green procurement practices where feasible. This will be achieved by:

- (A) Screening the marketplace to evaluate the availability of green products and services offered by Subsistence.
- (B) Increasing and maintaining Subsistence personnel awareness of Green Procurement.
- (C) Communicating with customers in order to learn of any requirements, interests, or opportunities related to Green Procurement.

Responsible Parties

Subsistence GPP Team Leads :

Targets/ Action Items

No.	Action Item	Responsibility	Due Date	Status
14	Increase Subsistence personnel awareness about green considerations through internal communications (i.e., Green Tips, Product Display/Usage, etc.).		On-Going	On-Going
24	Track development of plastic bag to hold MRE. Investigating reduced packaging material or biobased content.		On-going	Multiple options currently being tested at NATICK.
25	Ensure that a check box for the ENAC code is included in the new STORES system.		12/31/2017	In progress – A functional specification sheet is being developed for the new STORES Version.
28	Monitor the development and availability of 75% biobased cutlery.		12/30/2017	On-Going.
29	Coordinate with Subsistence Contracting to have sustainability procurement clauses installed into DLA solicitations where possible and applicable		On-Going	On-Going
30	Research the possibility of a USAF Compostable/biodegradable program.		1/24/2017	Complete
31	Develop a Greenhouse Gas Reduction Checklist for use, as necessary.		1/24/2017	Complete
32	Develop a Quick Reference List (QRL) Tailored to environmental purchasing as it applies to the Subsistence supply chain and the purchasing of Food Service Operating Supplies (FSOS).		12/30/2017	On-Going

Notes

15 February 2012: Subsistence has integrated greening considerations into their everyday work activities, which is how the program was designed to be implemented. Biobased cutlery, clamshell and UGR serving utensils have been approved and are awaiting next procurement cycle. A biobased wrapper for cutlery and spatula is still under development. CTC is scheduled to brief JSPB Policy Board on 2/29 to discuss a demo model of using biopreferred products and practices such as building composting facilities and using biodegradable garbage bags at sites. Possible Future Efforts Discussed: identifying GMOs, certified/labeled items, greening packaging. Investigating/ replacing items that use Teflon.

15 March 2012: Participated in Supply Chain Summit. Briefed other Supply Chain leaders on the status of Subsistence green products.

1 November 2012: Regarding development and implementation of a Demo Model where biobased items are used exclusively and composting is set up to manage the waste product: John W. stated that CTC awarded the contract and Food Service Ware Green DEMO will take place in multiple sites including Joint Base Lewis/McCord, Whitbey Island, and Sealift Command in Seattle. Tentative date: Nov 2012.

Various vendors are assisting LCI Industries with the development of a less noisy biobased wrap for the dining packets.

9 October 2013: Demo project using biobased products and composting on site has been completed. Draft report by CTC is under review. There are still problems with biobased wrapping related to noise. Research is ongoing, but there is no acceptable product at this time. In addition, received word from Mr. Dwain Gilbertson from LC Industries that there is also a cost issue with this product. The 2-Day Buying Green course is required for all PaCERS.

2 April 2015: Still purchasing 50-50 biobased cutlery due to noisy and costly overwrap associated with the 100% biobased cutlery. Will investigate changing the contract in the future to use 100% biobased cutlery but with the traditional overwrap. Clamshells are no longer needed due to the arctic meal module no longer being procured. No additional 100% biobased UGR spatula option is currently being developed. The Buying Green Course was completed for all existing employees and required for all new interns. NATICK is currently testing multiple options for a plastic bag to hold MRE.

15 October 2015: F. Picarella is now tracking the % of green contracts vs. total contracts and reports the data to HQ bi-annually.

1 February 2016: F. Picarella, T. Smith, and J. Woloszyn have been working with contracting on having sustainability procurement clauses inserted into the subsistence contracts. Contracting has drafted a modification template currently being reviewed by contract specialists/contracting officers prior to insertion into all applicable contracts.

25 May 2016: Received notification on MRE meal bag development from NATICK. Funding issues. Forwarded to Subsistence Industrial Base Planning Branch Strategic Material Sourcing Group. 75/25% biobased cutlery – LCI Sample test run complete. Items are being tested for heat and strength. LCI looking into cost impact. Established contact with USAF Food & Beverage Business Development & Strategic Initiatives Air Force Services Activity (ASFVA).

24 January 2017: SUB-24: NATICK did not receive funds, but due to positive feedback suggest that they resubmit request for future funding. Funding is for developing new process to reduce MRE packaging material. Added Montez Snyder to team as contracting lead for sustainability clauses in contracts. SUB-30: F. Picarella provided a listing of biobased alternatives to USAF personnel. SUB-31: A Greenhouse Gas Reduction Checklist was completed and is available for use, as necessary.

Operational Controls

- *T3-2.09_SOP.Subsistence.Coding.New.LSNs.with.an.ENAC.in.STORES.and.EBS.Databases_Mar14.*
- *T3-2.09_SOP.Subsistence.Adding.and.Coding.New.NSNs.with.an.ENAC.in.FLIS_Mar14.*

Monitoring and Measuring

Subsistence tracks the number of green products available to customers, and reports the number of new bio-based contracts bi-annually .

Competence Training

Requirements pertaining to green procurement competence, training, and awareness within Subsistence are identified within the Green Procurement Program Plan, dated March 2014. In addition, competence training specific to Operational Controls is identified within the Operational Controls/Standard Operating Practices (SOPs).

Related EMS Elements and Other Considerations

- Environmental Aspect(s):** Green Procurement (significant)
- Legal or Other Requirement(s):** Comprehensive Procurement Guidelines, Federal Acquisition Regulation, EO 13693, DLA Strategic Initiatives.
- Technological options:** Subsistence has considered technological options during the evaluation of objectives and targets. For example, the availability of biobased products (and the percentage of biobased material within the product) has changed substantially over time due to changes in manufacturing technologies.
- Financial requirements:** Subsistence evaluates financial requirements of all proposed objectives and targets. Some objectives and targets have completion dates that depend on the customer's schedule for next procurement. Subsistence's focus is primarily on incremental improvements to the existing procurement process and systems, thereby avoiding unnecessary financial burdens to the organization.
- Operational and business requirements:** Subsistence has considered operational and business requirements in the setting of its objectives and targets. Operational requirements/ technical specifications for MREs and other unitized group rations components must meet strict technical specifications, which are considered when working to include

green products.

- f. Views of interested parties:** Subsistence conducts periodic management reviews to ensure views of interested parties are considered. Subsistence also considers the viewpoints of organizations through periodic meetings with DLA Headquarters, the other DLA Troop Support Supply Chains, and Subsistence's customers, vendors, and industry companies.