



U.S. Army Research, Development and Engineering Command



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**U.S. Army RDECOM
Environmental Acquisition and Logistics
Sustainment Program (EALSP)**

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Environmental Acquisition & Logistics Sustainment Program Elements



- SUSTAINABLE PAINTING OPERATIONS FOR THE TOTAL ARMY
- ORDNANCE ENVIRONMENTAL PROGRAM
- TOXIC METAL REDUCTION PROGRAM
- ZERO FOOTPRINT CAMP

- ARMY-INDUSTRY SOLVENTS ALTERNATIVES DATABASE
- ARMY-NAVY CHROMATE ALTERNATIVE TESTING
- ARMY-USMC GROUND VEHICLE ANALYSIS



- PROTECTIVE COATING DEVELOPMENT
- MATERIAL DURABILITY TESTING
- NON-METAL RESEARCH

- PERCHLORATE REDUCTION PROGRAM
- OZONE DEPLETING CHEMICALS
- GREENHOUSE GASES



- RDT&E MATRIX SUPPORT
- ENVIRONMENTAL RISK MANAGEMENT
- PROGRAMMATIC INFORMATION INTEGRATION



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Environmental Acquisition & Logistics Sustainment Program Coordination



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- **New Statement of Work for FY10 MIPRs**
 - FY10 funds are provided for program management, to include serving as the central point of contact to coordinate all environmental acquisition and logistics sustainment issues for [your command], participating on the EQT P2TT, coordinating bi-annual AERTA reviews, participating in technology project development and technology management plan reviews, providing direct support and coordination with supported PEOs/PMs, serving on environmental management teams and participating in programmatic and management review meetings as required by the Director, ESO and the Director, EALSP.
- **FY10 funding levels similar to FY09**
 - CRA funding (~15%) has been distributed
 - This is all we could get at RDECOM
- **FY09 funding status**
 - All funds distributed and accounted for
 - Need to continue emphasizing obligation and disbursement rates



Select P2 Products Transitioned/Implemented



Program	Product	Year
SPOTA	MIL-DTL-64159 Water-Dispersible CARC Topcoat	2002
	MIL-DTL-64159 Portable Touch-Up Kits	2007
SPOTA	MIL-DTL-53039 Single Component CARC Topcoat, HAP-Free Type II	2005
	MIL-DTL-53039 Portable Touch-Up Kits	2009
SPOTA	MIL-DTL-11195 Enamel for Munitions, HAP-Free Type II	2003
SPOTA	MIL-PRF-680 Degreasing Solvent with New HAP-Free Requirement	2006
OEP	ASTM Standard E2552-08, Standard Guide for Assessing the Environmental and Human Health impacts of new Energetic Compounds	2008
OEP	Perchlorate-free M115A2 Ground Burst Projectile Simulator	2008
OEP	Perchlorate-free M116A1 Hand Grenade Simulator	2008
OEP	Environmentally Benign Black Smoke Formulation for Battlefield Effects Simulator	2008
OEP	Perchlorate-Free M117/M118/M119 Booby Trap Simulators	2008
ZFC	Shower Water Reuse System (SWRS)	2008
ODC	Alternatives to Ozone Depleting Chemicals	Ongoing

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Select P2 Products Transitioned/Implemented (Cont.)



Program	Product	Year
SPOTA/ TMR	MIL-PRF-23377 High Solids Epoxy Primer, Non-Chromate Class N *	2008
SPOTA/ TMR	MIL-PRF-85582 Waterborne Epoxy Primer, Non-Chromate Class N *	2008
SPOTA/ TMR	Non-Chromate Trivalent Chromium Pretreatment *	2009
SPOTA	HAP-Free Alternative to Methylene Chloride Immersion Depainting	2009
SPOTA	HAP-Free Anti-Tamper Sealant	2009
SPOTA	MIL-DTL-53022 CARC Primer, HAP-Free Types III and IV (DRAFT)	2009
SPOTA	CARC Powder Primer, New Specification (DRAFT)	2009
SPOTA	HAP-Free Cleaners, Numerous Applications (Specification TBD)	2009
OEP	Lead and Perchlorate-Free Hydra Rocket System	2009

* Developed by Naval Air Systems Command

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FY10 Funded Efforts



Sustainable Painting Operations for the Total Army - 7 thrust areas with 34 total projects

- CARC and Non-CARC Paints
- Solvents, Thinners and Cleaners
- Depainting
- Sealants and Adhesives
- Rubber-to-Metal Bonding
- Munitions Coatings
- Aviation and Missile Coating Operations

Ordnance Environmental Program - 5 thrust areas with 34 total projects

- Conventional Ammunition
- Rockets and Missiles
- Pyrotechnics
- Fate, Transport and Effects
- Non Energetic Materials and Manufacturing

Toxic Metal Reduction - 3 thrust areas with 15 total projects (only 2 funded)

- Hexavalent Chromium
- Cadmium
- Beryllium

Zero Footprint Camp - 3 thrust areas with 7 total projects (only 2 funded)

- Solid Waste Reduction
- Waste Water Reduction
- Water Generation

Environmental Quality Basic Research - 6-8 projects selected every 2 years

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