



DFRC RAP POC



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DFRC RAP/P2 Efforts



■ On-Site Contractor Requirements

- Added AP FAR clauses, and additional contract language to establish a written Affirmative Procurement program, to be reviewed annually by the Environmental office.

- Shall document goals, training, and status of the Affirmative Procurement program



DFRC RAP/P2 Efforts

■ **Alternative Fuel Vehicle**

- Global Electric Motorcar (GEM)

- (www.daimlerchrysler.com/index_e.htm?/products/products_e.htm)

- replaced 60 gasoline powered vehicles

- certified as zero emission vehicles in California

DFRC RAP/P2 Efforts



■ Optima Gel Cell Battery Program

- 1 year test showed extended service life of 66% over traditional lead acid batteries

- uses Spiralcell Technology

More plate surface, closer plate spacing, ability to use high purity lead. RESULTING IN: Low internal resistance. This low resistance gives more power in a smaller box, ability to recharge much faster, higher, cleaner voltage characteristics during discharge.

Immobilized plates (locked in place). RESULTING IN: Improved vibration resistance, no shedding of active paste material, no gradual loss of power and capacity as the battery ages. This gives you a battery that lasts longer and performs better throughout its life.



DFRC RAP/P2 Efforts

- Installed two Cyclonator® closed loop wash rack systems.

-The filtration system recycles wash water from a trench drain or sump. Zero discharge process allows environmentally safe cleaning, using simple filtration with a built in oil water separator.

(www.cyclonator.com)

DFRC RAP/P2 Efforts



■ Construction Projects

- Facility Engineers participated in the review of the model training program for "Facility Sustainable Design "
- The essential elements are to include: the use of sustainable materials in construction design (e.g., reused, recycled, recyclable, nontoxic, energy efficient, and water conserving)
- Rollout expected Summer FY03



DFRC RAP/P2 FY2003

- Bio-Diesel Program

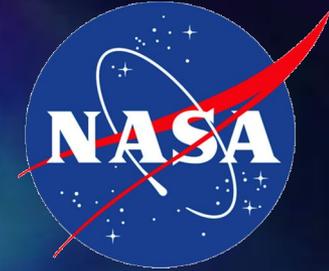
- SATWIPES System (www.contecinc.com)

-Saturated wipes are economical to use because they reduce solvent usage, reduce handling time and offer increased efficiency in the performance of cleaning operations.

- Sure Shot Sprayers (www.zep.com)

-Aerosol Atomiser Sprayers provide a uniform spray of most light liquids - without CFC's, freon, or other potentially dangerous propellants. Refillable and rechargeable.

DFRC RAP Efforts



■ Implementation & Improvement of Training Program

- 100% Training
 - COTR's
 - Credit Card Holders
 - Procurement
 - On Site Contractors

- Web Based, Provided Bi – Yearly
 - Refresher
 - Alternative Method



DFRC RAP Efforts

■ Increase & encourage purchases of products containing:

- Recovered Materials
- Environmentally Preferable Products
- Services COTR's

■ Resources

- Make Available
- Example:
 - <http://www.epa.gov/cpg/products>
 - <http://environmental.ksc.nasa.gov/recycle/intro.html>

DFRC RAP Efforts



■ Improve RAP reporting

- Credit Cards
 - 101 Card Holders
 - Estimated 10 million dollars in purchases last two FY
- Simplified Acquisitions
 - 328 Transaction
 - Estimated Worth, 5.5 million dollars last FY
 - NF 507
- Contracts
 - Complying with FAR & NFAR requirements
 - NF 507