

FY 2004 POLLUTION PREVENTION TARGETS

DATE: May 13, 2004

	ACTIVITIES	TARGET	UPDATE
1.	Replace large Iridite uses	Performance testing done	PreKote has been received, results of tests pending. It is USAF approved. Lear Jet is still questionable. Response from Twin Otter also needed
2.	Garnet Recycling	Complete installation, optimize performance & implement (investigate business-wide applications)	Adjustments have been made to the design. Performance testing is still in progress
3.	Life Cycle Assessment Tools	Determine and implement 2 applications - Refrigerants / chillers – ODCs - Uninterruptible Power Supply	Revisions are being investigated for UPS. Waiver requests are still being received for UPS. Refrigerants and UPS may be handled by a summer grad student. See #12 update.
4.	Flywheel Universal Power Supply	Conduct study	Demonstrated during Earth Week. Report needed from flywheel staff.
5.	Reduction of chemicals at PBS	All 4 major facilities: a.) Assessed for excessive chemicals b.) Chemicals disposed or recycled	Clean room to be inspected. EFR issues to be addressed first.
6.	AP/EPP web site	Implement	No money available from HQ. Scoring system to be expanded. CSU grad student may do the programming this summer.
7.	Real Time Monitoring pilot study at Lewis Field	Implement prototype unit	Funding needed. National Science Foundation assistance is possible. D. White to contact U. S. EPA. Working on proposal with CSU. Further work on hold until Steve Belovich of SmartData available.
9.	Implement AP/EPP at PBS	One training session / up on Web site	D. White to work on logistics for orders. KSC reps to visit GRC in mid-June to discuss AP/EPP. PBS in need of training in AP/EPP.
10.	Develop a SOLAR-based P2/Recycling training module	Make available	Dependent on installation of web site.
11.	Expand AP / EPP to 15 categories	15 categories posted	Remaining 5 categories to be added to P2 web site. Products to be listed.
12.	Lawn care chemical replacement	Study and contract language	Options being reviewed under LCA qualitative guidelines.
13.	Develop AP/EPP language for contracts	Five contracts with language	See #9 update.
15.	Biodegradable Cafeteria supplies	Conduct study	Report to come on testing of biodegradable cornstarch forks.
16.	Convert GRC vehicles to CNG / E85/ other alternative fuels.	Conduct study	Ongoing study still in progress. Lallier to contact Strawser to see if PBS can get hybrid vehicles.
18.	Alternative power investigation	Conduct feasibility study	F. Miller to get report on previous testing.
19.	SPF at PBS	Conduct feasibility study	Lallier to contact VRTX Technology representatives for possible work on water tower.
20.	Study of low-strength mortar and flowable fill containing recycles	Develop guidance document	W. Kocher's associates reviewing draft document. Investigating slag issues. Environmental Team to meet W. Kocher after May conference.
22.	Create SAGE-like program to recommend alternates	Search tool available on net for GRC	Long term project. W. Kocher to review.
23.	Replace paint remover in Hangar.	Methylene chloride replaced	Laser technology demonstration to be performed at KSC or at Naval Air Depot (June – August time frame).
24.	AP / EPP Chapter	Publish chapter	In progress
25.	Spark plug / energy efficiency	Conduct study	L. Sekura provided information on TLR spark plug tips. R. Lallier volunteered his vehicle for test.