

FY 04 POLLUTION PREVENTION TARGETS

DATE: JUNE10, 2004

	ACTIVITIES	TARGET	UPDATE
1.	Replace large Iridite uses	Performance testing done	PreKote test results are positive. Obtaining Bombardier approval for use on Twin Otter, and Lear Jet approval for use on Lear Jet.
2.	Garnet Recycling	Complete installation, optimize performance & implement (investigate business-wide applications)	Adjustments have been made to the design. Ongoing performance testing.
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. Meeting will be held next week.
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 - possibly National Science Foundation, CSU. D. White to contact U. S. EPA. Work on hold until Steve Belovich/SmartData available.
9.	Implement AP/EPP at PBS	One training session / up on Web site	KSC mid-June visit to discuss AP implementation. PBS will be trained in procedures after Lewis Field. PBS would also like AP/EPP education.
10.	Develop a SOLAR-based P2/Recycling training module	Make available	Dependent on installation of web site. SOLAR being replaced with cool.gov.
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. Next step: Proposal to implement "to-go" container option.
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	1. Fletcher working with Quyen re: First Energy renewable at Lewis Field. 2. Fletcher/Lallier finding info from previous study and maps, gathering wind monitoring data. 3. Lake Erie project possible. In Fletcher's hands.
19.	SPF at PBS	Conduct feasibility study	Lallier to contact VRTX Technology 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 demo at Wright-Patterson AFB on August 9-11.
24.	AP / EPP Chapter	Publish chapter	In progress – draft will be updated after KSC AP procedure sessions in June.
25.	Spark plug / energy efficiency	Conduct study	Lallier/Weinberg cars installed & presentation given. Test will take 1-2 months.