

BROOKHAVEN NATIONAL LABORATORY FY08 Funded Pollution Prevention Projects

Rank	Project Name	Directorate, Dept/Div and POC	Cost	Savings	Payback (Years)	Waste Reduction
1	"Bio Circle cleaner" parts washer	Light Source, NSLS (Gary Nintzel)	\$4,461	\$2,500.00	1.78	one drum of hazardous waste
2	Motion Sensors for Labs*	Nuclear and Partical Physics, Instrumentation Division (Robert DiNardo)	\$4,320	\$5,817.00	0.74	Energy Conservation
3	Transfer of SF6 Gas From EENS Department Dynamitron to Collider Accelerator Department TDVG**	Nuclear and Partical Physics, C-AD/EENS (Chuck Carlson)	\$6,305**	N/A	N/A	Removes environmental liability from non-operational equipment
4	Water Timers	Life Sciences, BO (Ann Emrick)	\$580	\$164.00	3.54	Reduces 15,000 gallons distilled water consumption
5	Timer Switches*	Life Sciences, BO (Ann Emrick)	\$3,415	\$5,386.00	0.63	Energy Conservation
6	Recycling Containers	Facilities and Operations, SS (Ruth Comas)	\$3,253	N/A	N/A	Increased Recycling Rates in high profile Conference Areas
TOTAL INVESTED			\$16,029			
TOTAL SAVINGS				\$13,867		
AVERAGE PAYBACK PERIOD					1.3	

* These two projects were combined and P2 funds were used to purchase the equipment. F&O has agreed to donate the labor time for installation.

** This project was not completed by the end of the fiscal year so the Department had to pay for the project.