

BROOKHAVEN NATIONAL LABORATORY FY09 Funded Pollution Prevention Projects

Rank	Project Name	Directorate, Dept/Div and POC	Cost	Savings	Payback (Years)	Waste Reduction
1	Formaldehyde Detoxification	Life Sciences, BO (Robert Colichio)	\$1,619	\$20,000.00	0.08	800 gallons of liquid hazardous waste
2	Solvent Recycling Parts Washer	Maintenance and Fabrication, F&O (Tom Roza)	\$4,900	\$3,650.00	1.34	660 pounds of hazardous solvent
3	Big Green Box	Quality Assurance, DO (Sabine Kessler)	\$283	N/A	N/A	200 pounds of alkaline batteries
4	Solar Flood Lighting*	Life Sciences, BO (Robert Colichio)	\$5,431	\$10,000.00	0.54	Energy Conservation
5	Replacement of Mercury Switches**	Life Sciences, BO (Robert Colichio)	\$6,240	\$8,700.00	1.43	Mercury Removal
6	Bio-Diesel Tank	Staff Services, F&O (Henry Hauptman)	\$11,772	N/A	N/A	Non-Renewable Energy
TOTAL INVESTED			\$24,005			
TOTAL SAVINGS			\$33,650			
AVERAGE PAYBACK PERIOD			0.7			

* Cost savings for this project are based on installation charges for a typical street light (trenching and pulling wire).

** This project was to be cost shared with Medical, however it was not completed by the end of the fiscal year so funding was transferred to the Bio-Diesel Tank Project.