

US EPA ARCHIVE DOCUMENT

**Table 2 Summary of Environmental Performance Results**

4 Year Project Goal	Boston College	UMass Boston	UVM
All HCOC on shelf are within defined "shelf life"	EH&S believes there is a decline in these materials on the shelf, but does not currently measure or track this EPI due to a variety of reasons explained in its report.	EH&S believes there is a decline in these materials on the shelf, but does not currently measure or track this EPI due to a variety of reasons explained in its report.	Environmental Safety Facility (ESF) believes there is a decline in these materials on the shelf, but does not currently measure or track this EPI due to a variety of reasons explained in its report.
100% completion of HCOC surveys each year	Complete chemical inventories are conducted, but HCOCs have not yet been defined.	Complete chemical inventories are conducted, but HCOCs have not yet been defined. A new barcoding system is being implemented.	Has not achieved 80% completion of its HCOC surveys.
Pollution Prevention Assessments Each Year	P2 programs implemented for mercury thermometers, electronics and silver recovery	P2 programs implemented for mercury thermometers	P2 programs implemented for mercury thermometers, photographic wastes and art department chemical wastes.
20% percent increase in reuse/redistribution	Infrastructure for program now in place. Materials have been collected but not redistributed.	Infrastructure for program now in place. Materials have been collected but not redistributed.	Program is operational but has not shown 20% increase. The program is integrated with a source reduction initiative called Chemsources.
Ten percent reduction of hazardous waste per institution.	Goal not met for calendar year 2000.	Goal was met for calendar year 2000.	
Scores on Environmental Awareness Survey	Significant improvement demonstrated.	Significant improvement demonstrated.	Significant improvement demonstrated.

show improvement			
Increase number or percentage of lab workers receiving training	Number of lab workers receiving training has increased.	Number of lab workers receiving training has increased.	Number of lab workers receiving training has increased.
Achievement of objectives and targets	Core Lab XL objectives and targets (e.g., implementation, training, audits) have been achieved. EPIs demonstrate mixed success.	Core Lab XL objectives and targets (e.g., implementation, training, audits) have been achieved. EPIs demonstrate mixed success.	Core Lab XL objectives and targets (e.g., implementation, training, audits) have been achieved. EPIs demonstrate mixed success.
Improvement in conformance with laboratory policies and procedures	Audits demonstrate significant compliance (and improvement)	Audits demonstrate significant compliance (and improvement)	Audits demonstrate significant compliance (and improvement)

**Table 3. Laboratory Waste Generation Data (un-normalized)**

	<b>2000 Data</b>	<b>1999 Data</b>	<b>Percent Change</b>
Boston College	38, 754 lbs	24, 862 lbs	+57%
Unive rsity of	4, 92 8.3	5, 58 4.7	- 11 .7

Massachusetts Boston	4 lbs	6 lbs	6 %
University of Vermont	38,269 lbs	36,701 lbs	+ 4%