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Boston Public Schools Science Department

Latin Academy High School Walk-Around Draft Report

March 14, 2001

Attendance:

Michael Sullivan, Designated Administrator, Latin Academy
 John Sheridan, BPS Science Department
 Jeff Lane, Planning and Engineering, BPS

Hillary Eustace, Commonwealth of MA Environmental Protection
 Jennifer Ryan, Fire Department
 Richard Parker, Fire Department
 Fred Ellis, Hazmat Inspector
 Eileen Gunn, Community Program Coordinator
 ? Environmental Health

Room	Findings	Recommendations
341	Art Room: Kiln vent does not meet standards	Should not be fired during school hours and eventually should be removed.
	No plan to minimize dust.	Consider purchasing a Heaper Vacuum.
	Fire extinguisher outdated and inaccessible. Also, there should be two fire extinguishers in a room of that size.	Bill Murray will report to proper authority.
342	Art Storage: 1. Unnecessary flammable fix-it cans.	1. Unnecessary fix-it cans should be reported to Jeff Lane for removal. There were two types of fixatives on the shelf. Fixative that contains Tooolulane should be removed. The less toxic fixatives can be used.
	2. Poor ventilation 3. Lack of spray booth 4. Messy storage 5. Unlabeled bottles	2. Spraying should be done outdoors. 3. Or provide ventilated spray booths. 4. General house cleaning. 5. Label bottles

345	Chemistry Lab: Mercury thermometer on shelf.	Removed for pick-up by Jeff Lane
	Chemistry Lab Storage: There are a number of chemicals no longer in use.	Make a list of chemicals that are no longer in use and submit to Jeff Lane for removal. There should be no more than a two-year supply of any chemical.
	Fire Extinguisher expired.	Bill Murray made note and will take care of it.
	No704 NFPA hazardous Placards	Noted by Jeff Lane and will be ordered.
301	Biology: Old Gas Lines should be removed if Possible.	Jeff Lane will refer to Planning and engineering.
301	Storage:	Ok
Basemen	Custodial supply room:	
	Fire Extinguisher outdated.	Bill Murray made note and will take care of them.
	MSDS sheets for cleaners were not readily available	It is recommended that custodians be trained in reading MSDS sheets.
	Flammable storage cabinet is not locked.	Lock flammable storage cabinet.
	There were not a lot of cleaning supplies around. This was because they had a special storage system for cleaning chemicals, which allowed for a minimal storage of cleaning chemicals.	

General Recommendations:

1. There is no program for disposing of hazardous waste from science laboratories or other academic sources. A comprehensive hazardous waste management program needs to be developed. This would include: registering the school with DEP as a generator of hazardous wastes, setting up hazardous waste storage areas, labeling each container in accordance with the requirements, conducting emergency planning and ensuring that hazardous waste are disposed of through a licensed contractor. Detailed information on how to do each of these steps is provided in the document "Chemical Management and other EHS Issues, Reference Information" which was provided at the training.
2. Identify chemicals that are not needed or used and make arrangements with Jeff Lane to have them removed. There should be no more than a two-year supply of any chemical.
3. Eyewash and chemical showers logs should be updated and checked on a regular basis. Chemical storage areas and maintenance areas should be clear.
4. Flammable materials (duplicating fluids, paints) should be stored in flammable storage cabinets or removed.
5. A list of chemicals to be removed should be sent to Jeff Lane and he will make arrangements to have them removed.