

Subject:	Photon Sciences Environmental Awareness for Satellite Accumulation Area Manager (Course Code PS-ENV-SAA)						
Number:	PS-TRN-CRM-0006	Revision:	B	Effective:	04/27/2012	Page	1 of 3

Prepared and Approved By:	Mary Anne Corwin		
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*Approval signatures on file with master copy.

[Revision Log](#)

Instructions: Read the material below and then close this document. You will receive credit for training through the BNL training system.

Course Objective: The management of hazardous waste in Satellite Accumulation Areas (SAAs) is an important function in ensuring compliance with Laboratory and RCRA regulations and for protecting the environment. This course has been designed to provide SAA Managers with the information needed to carryout this role. The contents of this training have been extracted from the Photon Sciences PRM and BNL Subject Area.

Qualification Requirements: The SAA Manager shall complete this Environmental Awareness Training, and annually, the web based "Hazardous Waste Generator" training.

Your Role and Responsibility: Your SAA will be used by waste generators until the waste is ready for transfer to the NSLS 90-Day Storage Area by the generator or other qualified person. As the SAA Manager, you are responsible for overseeing the day-to-day operations of the Satellite Accumulation Area. The following is a list of your duties:

- Monitor conditions and activities within the SAA and ensure that SAA requirements are met. (These rules are posted adjacent to the accumulation area.)
- Contact the NSLS Safety Officer if you need to modify or relocate the accumulation area, or if there are persistent noncompliance issues that require PS management attention.

Typical violations found in SAAs are:

- hazardous waste label missing from container;
- contents not identified on the waste label;
- non-waste chemicals stored in the waste accumulation area tray;
- open containers;
- waste not stored in a secondary containment tray.

Detailed information regarding the SAAs and other waste requirements are available on the PS and BNL ESH Web pages. The BNL Subject Area "Hazardous Waste Management" available through the BNL SBMS contains the specific Lab-level requirements for management of hazardous waste. Consult with a member of the PS Directorate's ESH Staff if you have questions.

Response to Leaks: Spills of chemicals or chemical wastes must be immediately addressed to prevent injury to personnel or releases to the environment. If you are in Building 725, report even minor spills to the NSLS Operations Coordinator or to the NSLS Control Room Operator (X2550) otherwise inform a member of the PS ESH Staff. Report the material, volume, and location of the spill. Spill response kits are located in various parts of the building and should be used to prevent release to drains and to clean minor spills if you are familiar with the hazards involved and feel comfortable doing so. Major spills should be secured to the extent possible and reported to the Lab emergency response number x2222 (followed by the Control Room at x2550 within Building 725) as soon as possible so that BNL personnel can be prepared for potential impacts at the Sewage Treatment Plant.

Potential Regulatory and Environmental Impacts: Work involving generation of hazardous chemical wastes must comply with Federal requirements established by the U.S. Environmental Protection Agency and is subject to enforcement action by the EPA and New York State Department of Environmental

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Conservation. Mismanagement of waste can result in violations of RCRA hazardous waste regulations. Spills of waste to drains can result in violations of BNL's sanitary release limits. Both can ultimately result in contaminated soil or groundwater. BNL is subject to fines and penalties for such violations, and is responsible for the clean-up costs associated with any required remediation. BNL has also suffered poor public perception due to poor waste management practices and contamination events in the past. Proper management of waste and spills will help us maintain a positive relationship with regulators and the public.

Pollution Prevention and Waste Minimization: Please offer suggestions and comments to your supervision regarding ways to reduce hazardous waste generation. Disposal of hazardous waste is costly and time consuming. Please make every effort to minimize the quantity of chemicals you bring to the PS Directorate.

