

TRAINING UPDATE

Lab Location: GEC, SGMC & WAH
Department: All staff

Date Distributed: 6/1/2016
Due Date: 6/30/2016
Implementation: 7/1/2016

DESCRIPTION OF PROCEDURE REVISION

Name of procedure:
Waste Minimization GEC / SGAH / WAH.SA21 v1
Description of change(s):
Section 1&2: remove QDNI Section 3: update job titles Section 5: remove CHY and EHS This revised SOP will be implemented on July 1, 2016

Document your compliance with this training update by taking the quiz in the MTS system.

Approved draft for training (version 1)

Non-Technical SOP

Title	Waste Minimization	
Prepared by	Bryan Mason	Date: 3/24/2011
Owner	Lori Loffredo	Date: 3/24/2011

Laboratory Approval		
Print Name and Title	Signature	Date
<i>Refer to the electronic signature page for approval and approval dates.</i>		
Local Issue Date:		Local Effective Date:

Review:		
Print Name	Signature	Date

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1. PURPOSE

The purpose of this program is to outline steps that can be taken to reduce the overall amount of waste produced at the laboratories of Quest Diagnostics ~~Nichols Institute~~ at Germantown Emergency Center, Shady Grove **Medical Center** and Washington Adventist Hospital and/or the degree of hazard the hazardous waste poses to the environment.

2. SCOPE

This SOP **applies to all laboratory employees.** ~~shall apply to staff at the laboratories of Quest Diagnostics Nichols Institute at Germantown Emergency Center, Shady Grove Adventist and Washington Adventist Hospitals.~~

3. RESPONSIBILITY

Laboratory management is responsible for ensuring compliance with this SOP.

The Regional Laboratory Director is responsible for review and revision of this SOP as needed.

4. DEFINITIONS

None

5. PROCEDURE

a. Waste (both hazardous and non-hazardous) may be reduced in volume and/or the hazardous waste's hazard to the environment may be reduced or negated by applying one of the following:

- Purchase of smaller quantities of reagents;

- Change in process (substitution of less hazardous reagents, perform testing that produces smaller volumes of hazardous waste, replacement of analytical kits that contain Thimerisol with other non-mercury preservatives such as Pro-Clin);
 - Recovery (such as silver recovery from photo chemicals, or recovery of heat from waste solvents);
 - Recycling of process materials (i.e. white paper, toner cartridges);
 - Redistribution (relocating surplus chemicals to areas where they may be used).
 - Mercury thermometers are replaced by alcohol based thermometers on an as ordered basis. ~~Chantilly Purchasing will not order a mercury thermometer unless specifically approved by the Manager, EHS.~~
- b. New procedures that produce hazardous waste should be reviewed prior to the start of the procedure for application of one or more of the waste reduction/hazard reduction opportunities shown in (a).
- c. Hazardous waste reduction activities ~~performed at the laboratories within Germantown Emergency Center, Shady Grove Adventist and Washington Adventist Hospitals~~ are shown in Attachment A.

6. RELATED DOCUMENTS

None

7. REFERENCES

None

8. REVISION HISTORY

Version	Date	Reason for Revision	Revised By	Approved By
		Supersedes Waste Minimization, dated 1/17/2006		
000	5/6/16	Section 1&2: remove QDNI Section 3: update job titles Section 5: remove CHY and EHS Footer: version # leading zero's dropped due to new EDCS in use as of 10/7/13	L. Barrett	L. Loffredo

9. ADDENDA AND APPENDICES

Attachment A – Waste Minimization Programs

Attachment A

WASTE MINIMIZATION PROGRAMS

TYPE	WASTE
Process Change	Change from mercury containing thermometers to alcohol containing thermometers as thermometers are replaced.
Process Change	Review of assay kits for mercury containing preservatives (Thimerisol).