## RESEARCH TRIANGLE INSTITUTE



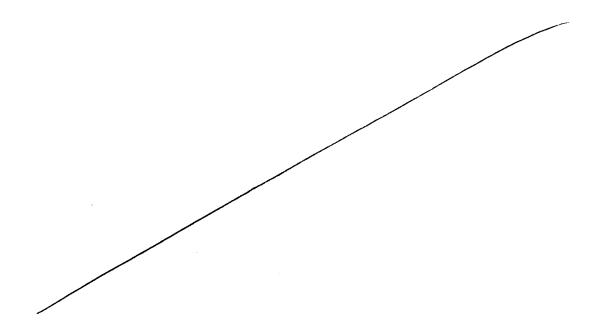
National Laboratory Certification Program

February 26, 1999

0608
Dr. Anthony Okorodudu
University of Texas Medical Branch Toxicology Lab
301 University Boulevard
Room 5160 McCullough Building
Galveston, TX 77555

Dear Dr. Okorodudu:

The enclosed critique was developed from the inspection reports of the inspectors who conducted the fourth maintenance inspection of your laboratory under the National Laboratory Certification Program (NLCP). Based upon our review of these reports, the laboratory's performance in this inspection is acceptable. Before RTI will recommend continued certification of your laboratory, the laboratory must successfully complete the following corrective actions:







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Dr. Okorodudu Page 2 of 3 02/26/99 Dr. Okorodudu Page 3 of 3 02/26/99

The laboratory must submit, within 30 calendar days of receipt of this letter, documentation to demonstrate that corrective actions have been implemented to address the issues described above. In responding to these issues, please organize the material in your document in accordance with the sections and item numbers as listed in this correspondence. Once these issues have been successfully addressed, RTI will recommend to the Department of Health and Human Services (HHS) that your laboratory's certification be continued. The laboratory must also review the enclosed critique and take all necessary corrective actions. All corrective actions must be implemented within 30 days of the receipt of this correspondence and will be reviewed at the next inspection.

If you have any questions or if we can be of further assistance, please call me at (919) 541-6176 or Dr. Michael Baylor at (919) 541-7043.

Sincerely,

Susan Crumpton

**NLCP Inspection Analyst** 

**Enclosure** 

CC:

Project Files/M4\_\_

# NATIONAL LABORATORY CERTIFICATION PROGRAM

## **Document Review and Critique**

Laboratory I.D. Number: 0608 Document No. Final

Laboratory:

UTMB Pathology-Toxicology Laboratory

Location:

Galveston, TX

Document Reviewed:

] Application Form [XX] Inspection Report #M4

] Other \_\_\_\_

**Date: 21 January 1999** 

Status:

] Highly Acceptable ] Unacceptable

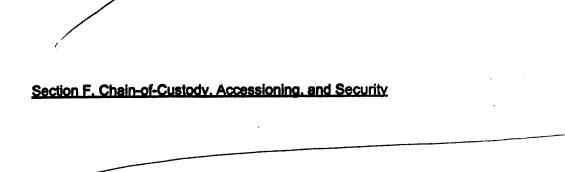
[XX] Acceptable [ ] Failure

Inspection reports, from the inspectors who conducted the National Laboratory Certification Program (NLCP) inspection, have been carefully reviewed and found to provide sufficient information to judge that the laboratory has met the standards required for the inspection phase of the Program. pending the submission of evidence that appropriate corrective action has been taken.

There were a number of comments and observations generated as a result of the inspection that are detailed on the following pages for the attention of the laboratory before its next inspection.

The following comments were noted, and appear in the same order as the corresponding questions in the Laboratory Inspection Report:

Section E. Standard Operating Procedures - Procedures Manual



NLCP • Research Triangle Institute

## Section G. Quality Control

Section H. Initial Tests

## Section I. Confirmatory Tests

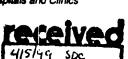
Ver. Final

Lab ID# 0608

Section J. Records Audit	
Section K. Reporting	
Section L. Computers. Software, and LIMS	•
Section M. Equipment and Maintenance	
Section N. Personnel	·

## The University of Texas Medical Branch at Galveston

School of Medicine Graduate School of Biomedical Sciences School of Allied Health Sciences School of Nursing Marine Biomedical Institute Institute for the Medical Humanities UTMB Hospitals and Clinics





Department of Pathology

Clinical Chemistry

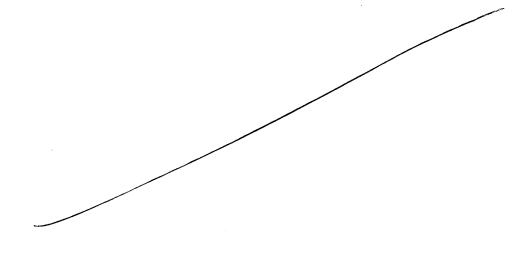
4/01/99

Ms. Susan Crumpton
NLCP Inspection Analyst
National Laboratory Certification Program
Research Triangle Institute
3040 Cornwallis Road
PO Box 12194
Research Triangle Park, NC 27709-2194

Dear Ms. Crumpton:

I have reviewed the critique and inspectors comments from the January 1999 inspection and proceeded with corrective action as follows:

**SECTION E** 



**SECTION F** 

SECTION K

Please let me know if additional or specific documentation is required.

Sincerely,

Anthony O. Okorodudu, Ph.D. Associate Professor & Director

## RESEARCH TRIANGLE INSTITUTE



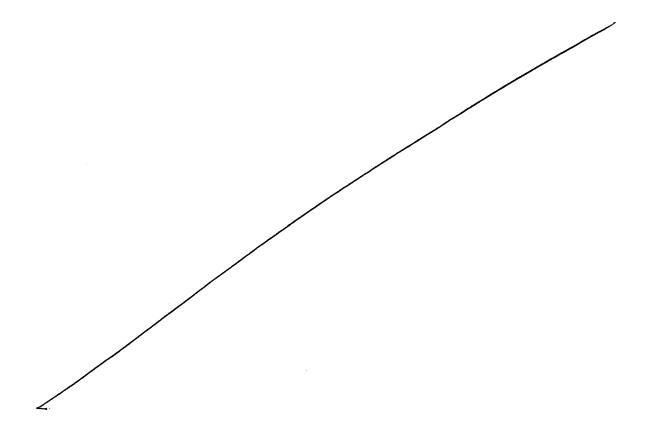
National Laboratory Certification Program

April 6, 1999

0608
Dr. Anthony Okorodudu
University of Texas Medical Branch Toxicology Lab
301 University Boulevard
Room 5160 McCullough Building
Galveston, TX 77555

Dear Dr. Okorodudu:

We have reviewed the material provided in your correspondence of April 1, 1999, submitted in response to issues raised during the fourth maintenance inspection of your laboratory as outlined in our correspondence of February 26, 1999. The information submitted by the laboratory appears to demonstrate that appropriate corrective actions have been completed to address most issues raised. The following issues remain:







Dr. Okorodudu Page 2 of 2 04/06/99

The laboratory must submit, within 10 working days of receipt of this letter, a final report addressing the unresolved issues described above. Once these issues have been successfully addressed, RTI will recommend to HHS that the laboratory's certification be continued. If the laboratory falls to address these unresolved issues within the specified time, the issues will be discussed with the staff at HHS. The laboratory is reminded that the implementation and completion of all corrective actions will be reviewed during the next inspection.

If you have any questions or if we can be of further assistance, please call me at (919) 541-6176 or Michael Baylor, Ph.D. at (919) 541-7043.

Sincerely,

Susan Crumpton

**NLCP Inspection Analyst** 

## The University of Texas Medical Branch at Galveston

School of Medicine Graduate School of Biomedical Sciences School of Allied Health Sciences School of Nursing Marine Biomed et l'Institute Institute for the Medical Humanities UTMB Hospitals and Clinics



Department of Pathology

Clinical Chemistry



4/15/99

Ms. Susan Crumpton
NLCP Inspection Analyst
National Laboratory Certification Program
Research Triangle Institute
3040 Cornwallis Road
PO Box 12194
Research Triangle Park, NC 27709-2194

Dear Ms. Crumpton:

I have reviewed the critique per your letter dated 4/6/99 and proceeded with corrective action as follows:

**SECTION E** 

**SECTION I** 

Please let me know if additional or specific documentation is required.

Sincerely.

Anthony O. Okorodudu, Pn.D. Associate Professor & Director



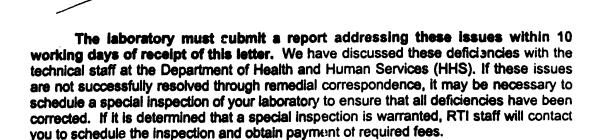
National Laboratory Certification Program

April 21, 1999

0608
Dr. Anthony Okorodudu
University of Texas Medical Branch Toxicology Lab
301 University Boulevard
Room 5160 McCullough Building
Galveston, TX 77555

Dear Dr. Okorodudu:

We have reviewed the material provided in your correspondence of April 15, 1999, submitted in response to issues raised during the fourth maintenance inspection of your laboratory as outlined in our correspondence of April 6, 1999. The information submitted by the laboratory does not demonstrate that appropriate corrective actions have been completed to address all issues raised.





Dr. Okorodudu Page 2 of 2 04/21/99

If you have any questions or if we can be of further assistance, please call me at (919) 541-7043 or Mr. Kenneth Davis at (919) 541-6709.

Sincerely

Michael R. Baylor, Ph.D. Senior Forensic Toxicologist

CC:

Project Files/M11

- 1

# The University of Texas Medical Branch at Galvesion

School of Medicine Graduate School of Biomedical Sciences School of Allied Health Sciences School of Nursing Marine Biomedical Institute Institute for the Medical Humanities UTMB Hospitals and Clinics



Department of Pathology

Clinical Chemistry

5/3/99

Dr. Michael R. Baylor Senior Forensic Toxicologist National Laboratory Certification Program Research Triangle Institute 3040 Cornwallis Road PO Box 12194 Research Triangle Park, NC 27709-2194

Dear Dr. Baylor:

I have revised the standard operating procedures per your correspondence dated 4/21/99 and proceeded with corrective action as contained in the attachment:

**SECTION E** 

Please let me know if additional or specific documentation is required.

Sincerely,

Anthony O. Okorodudu, Ph.D. Associate Professor & Director

## RESEARCH TRIANGLE INSTITUTE



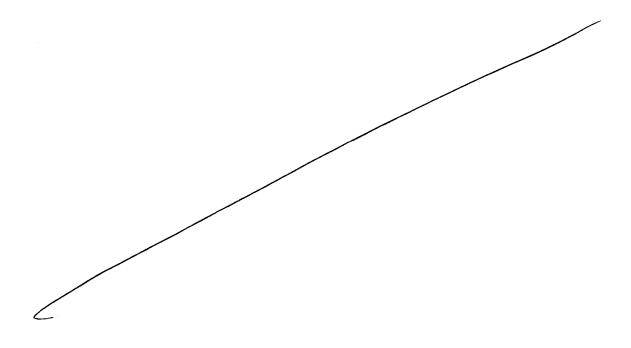
National Laboratory Certification Program

May 19, 1999

0608
Dr. Anthony Okorodudu
University of Texas Medical Branch Toxicology Lab
301 University Boulevard
Room 5160 McCullough Building
Galveston, TX 77555

Dear Dr. Okorodudu:

We have reviewed the material provided in your correspondence of May 3, 1999, submitted in response to two issues remaining from the fourth maintenance inspection of your laboratory as outlined in our correspondence of April 21, 1999. The information submitted by the laboratory appears to demonstrate that appropriate corrective actions have been completed to marginally address the issues. However, the following concerns were raised during our review of the submitted material:





Dr. Okorodudu Page 2 of 2 05/19/99

Based upon our review of the material submitted, RTI is recommending to the Department of Health and Human Services (HHS) that your laboratory continue to be certified under the National Laboratory Certification Program. The laboratory must further revise its procedures to address the concerns outlined above. All corrective actions must be implemented within 30 days of the receipt of this correspondence and will be reviewed during the next inspection.

If you have any questions or if we can be of further assistance, please call me at (919) 541-6176 or Michael Baylor, Ph.D. at (919) 541-7043.

Sincerely,

Susan Crumpton

**NLCP inspection Analyst** 

cc: Dr. Michael Baylor

Project Files/M4



## RESEARCH TRIANGLE INSTITUTE

National Laboratory Certification Program

September 30, 1999

0608
Dr. Jack Zaun
One Source Toxicology Laboratory, Inc.
301 University Boulevard
Room 5160 McCullough Building
Galveston, TX 77555

Dear Dr. Zaun:

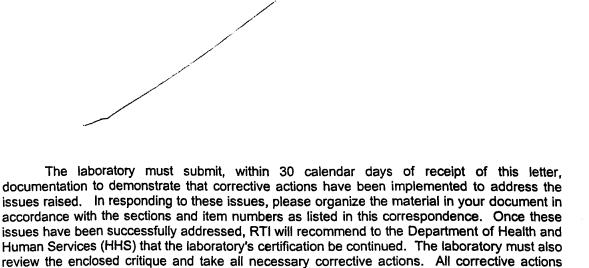
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The enclosed critique was developed from the inspection reports of the inspectors who conducted the fifth maintenance inspection of your laboratory under the National Laboratory Certification Program (NLCP). Based upon our review of these reports, the laboratory's performance in this inspection is acceptable. Before RTI will recommend continued certification of your laboratory, the laboratory must successfully complete all corrective actions described in this critique and cover letter:



Dr. Zaun September 30, 1999 Page 2 of 3

next inspection.



If you have any questions or if we can be of further assistance, please call me at (919) 541-7265 or Dr. Michael Baylor at (919) 541-7043.

must be implemented within 30 days receipt of this correspondence and will be reviewed at the

Sincerely,

Deborah J. Denson NLCP Inspection Analyst

Deborah & Denson

Dr. Zaun September 30, 1999 Page 3 of 3

Enclosure

cc: Project Files/M5

## NATIONAL LABORATORY CERTIFICATION PROGRAM

## **Document Review and Critique**

Laboratory I.D. Number: <u>0608</u> Document No. Final

Laboratory:

One Source Toxicology Laboratory, Inc.

Location:

Galveston, TX

**Document Reviewed:** 

[ ] Application Form [XX] Inspection Report #M5

] Other \_

Date: 19 August 1999

Status:

] Highly Acceptable

] Unacceptable

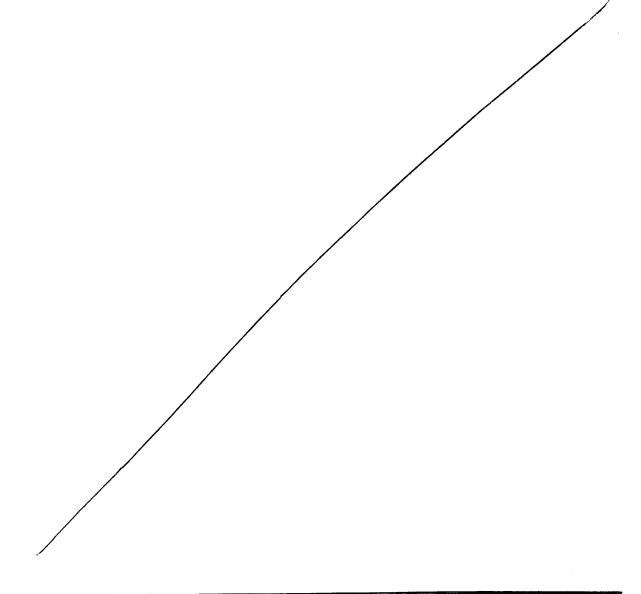
[XX] Acceptable
[ ] Failure

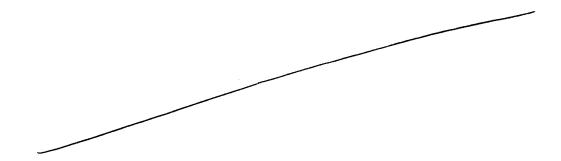
Inspection reports, from the inspectors who conducted the National Laboratory Certification Program (NLCP) inspection, have been carefully reviewed and found to provide sufficient information to judge that the laboratory has met the standards required for the inspection phase of the Program, pending the submission of evidence that appropriate corrective action has been taken.

There were a number of comments and observations generated as a result of the inspection that are detailed on the following pages for the attention of the laboratory before its next inspection.

The following comments were noted, and appear in the same order as the corresponding questions in the Laboratory Inspection Report:

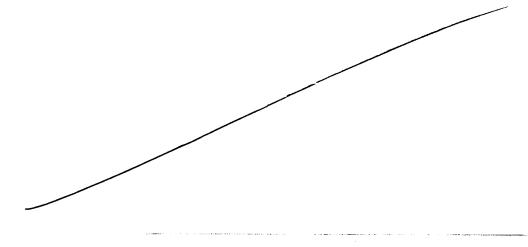
Section E. Standard Operating Procedures - Procedures Manual





Section F. Chain-of-Custody, Accessioning, and Security

Section G. Quality Control

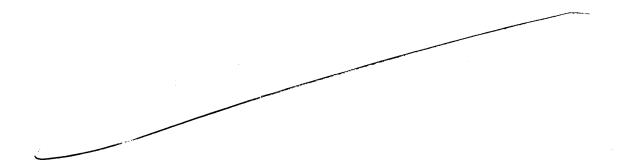


Section H. Initial Tests

	Lab ID# 0608
er. Final	
Section I. Confirmatory Tests	
Section J. Records Audit	
Section K. Reporting	
	-
Section L. Computers, Software, and LIMS	
	_
Section M. Equipment and Maintenance	

Ver. Final Lab ID# 0608

Section N. Personnel





One Source Toxicology Laboratory, Inc 301 University Blvd. Rm. 5.160 McCullough Bldg. Galveston, TX 77555

# One Source Toxicology

October 28, 1999

Deborah Denson NLCP Inspection Analyst National Laboratory Certification Program Research Triangle Institute Research Triangle Park, NC 27709-2194

Dear Ms Denson:

This letter is the response to the August 1999 inspection by the NLCP.

Sincerely,

.....

Jack W. Zaun, Ph.D. Responsible Person

## RESEARCH TRIANGLE INSTITUTE



National Laboratory Certification Program

November 3, 1999

0608
Dr. Jack Zaun
One Source Toxicology Laboratory, Inc.
301 University Boulevard
Room 5160 McCullough Building
Galveston, TX 77555

Dear Dr. Zaun:

We have reviewed the material provided in your correspondence of October 28, 1999 submitted in response to issues raised during the fifth maintenance inspection of your laboratory as outlined in our correspondence of September 30, 1999. The information submitted by the laboratory appears to demonstrate that appropriate corrective actions have been completed to address the issues raised. The implementation of the corrective actions will be reviewed at the next inspection.

Based upon our review of the material submitted, RTI is recommending to the Department of Health and Human Services (HHS) that your laboratory continue to be certified under the National Laboratory Certification Program. All corrective actions must be implemented within 30 days of the receipt of this correspondence and will be reviewed during the next inspection. If you have any questions or if we can be of further assistance, please call me at (919) 541-7265 or Michael Baylor, Ph.D. (919) 541-7043.

Sincerely,

Leborah J Denson

Deborah J. Denson

NLCP Inspection Analyst

cc: Project Files/M5





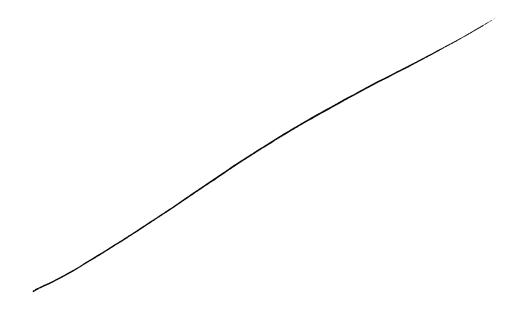
National Laboratory Certification Program

March 30, 2000

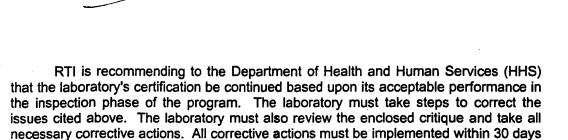
0608
Dr. Jack Zaun
One Source Toxicology Laboratory, Inc.
1705 Center Street
P. O. Box 260
Deer Park, TX 77536

Dear Dr. Zaun:

The enclosed critique was developed from the inspection reports of the inspectors who conducted the sixth maintenance inspection of your laboratory under the National Laboratory Certification Program (NLCP). Based upon our review of these reports, the laboratory's performance in this inspection is highly acceptable. The inspection team had some areas of concern, which are detailed in this cover letter and attached critique.







If you have any questions or if we can be of further assistance, please call me at (919) 541-7265 or Dr. Michael Baylor at (919) 541-7043.

of receipt of this correspondence. It is not necessary for the laboratory to submit a written response to RTI. All corrective actions will be reviewed during the next

Sincerely.

Deborah J. Denson

Deborah 9

**NLCP Inspection Analyst** 

**Enclosure** 

inspection.

CC:

Project Files/M6

### NATIONAL LABORATORY CERTIFICATION PROGRAM

### **Document Review and Critique**

Laboratory I.D. Number: <u>0608</u>

Document No. Final

Laboratory:

One Source Toxicology Laboratory, Inc.

Location:

Deer Park, TX

**Document Reviewed:** 

[ ] Application Form [XX] Inspection Report #M6

Date: 17 February 2000

[ ] Other \_

Status:

[XX] Highly Acceptable

[ ] Unacceptable

] Acceptable

] Failure

A review of the National Laboratory Certification Program (NLCP) inspection reports has been completed. It is the judgment of the reviewers that the laboratory has met the standards required for the inspection phase of the Program.

There were a number of comments and observations generated as a result of the inspection that are detailed on the following pages for the attention of the laboratory before its next inspection.

The following comments were noted, and appear in the same order as the corresponding questions in the Laboratory Inspection Report:

Section E. Standard Operating Procedures - Procedures Manual



Section G. Quality Control

Section H. Initial Tests

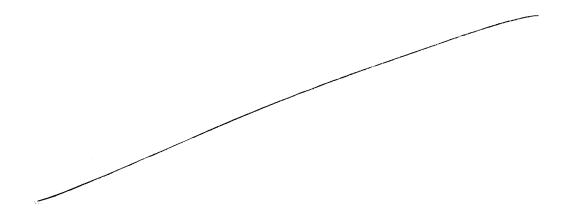
Section I. Confirmatory Tests

Section J. Records Audit

Section K. Reporting

Section L. Computers, Software, and LIMS

Section M. Equipment and Maintenance



Section N. Personnel

## RESEARCH TRIANGLE INSTITUTE



National Laboratory Certification Program

October 11, 2000

0608
Dr. Jack Zaun
One Source Toxicology Laboratory, Inc.
1705 Center Street
P. O. Box 260
Deer Park, TX 77536

Dear Dr. Zaun:

The enclosed critique was developed from the inspection reports of the inspectors who conducted the seventh maintenance inspection of your laboratory under the National Laboratory Certification Program (NLCP). Based upon our review of these reports, the laboratory's performance in this inspection is highly acceptable.

RTI is recommending to the Department of Health and Human Services (HHS) that the laboratory's certification be continued based upon its acceptable performance in the inspection phase of the program. The laboratory must review the enclosed critique and take all necessary corrective actions. All corrective actions must be implemented within 30 days of receipt of this correspondence. It is *not necessary* for the laboratory to submit a written response to RTI. All corrective actions will be reviewed during the next inspection.

If you have any questions or if we can be of further assistance, please call me at (919) 541-7265 or Dr. Michael R. Baylor at (919) 541-7043.

Sincerely,

Deborah J. Denson NLCP Technical Analyst

Enclosure

cc: Project Files/M7



#### NATIONAL LABORATORY CERTIFICATION PROGRAM

## **Document Review and Critique**

Laboratory I.D. Number: <u>0608</u>

Document No. Final

Laboratory:

One Source Toxicology Laboratory, Inc.

Location:

Deer Park, TX

Document Reviewed:

[ ] Application Form

[XX] Inspection Report #M7

[ ] Other \_\_\_\_

Date: 24 August 2000

Status:

[XX] Highly Acceptable

1 Unacceptable

] Acceptable ] Failure

A review of the National Laboratory Certification Program (NLCP) inspection reports has been completed. It is the judgment of the reviewers that the laboratory has met the standards required for the inspection phase of the Program.

There were a number of comments and observations generated as a result of the inspection that are detailed on the following pages for the attention of the laboratory before its next inspection.

The following comments were noted, and appear in the same order as the corresponding questions in the Laboratory Inspection Report:

Section E. Standard Operating Procedures - Procedures Manual Section F. Chain-of-Custody, Accessioning, and Security Section G. Quality Control Section H. Initial Tests Section I. Confirmatory Tests Section J. Records Audit Section K. Reporting Section L. Computers, Software, and LIMS Section M. Equipment and Maintenance Section N. Personnel