

Appendix I

Attachment A	FOB Measurements
Attachment B	Pathology Photographs (3 pages)
Attachment C	Pathology Data (3 pages)
Attachment D	Organ Weight Data
Attachment E	FOB Data Tables
Attachment F	Blood Lead Data
Attachment G	Vita

Attachment A - FOB Measures

Home Cage

(Click on box to view table)

Handling

(Click on box to view table)

Open Field

(Click on box to view table)

Reflexes

(Click on box to view table)

Physiological

(Click on box to view table)

Attachment B – Pathology Pictures

(Click on box to view picture)

Stomach tissue exhibiting focused necrosis and lead inclusions

Lead Inclusions in kidney tissues

(Click on boxes to view pictures)

A.

B.

(Click on box to view picture)

(Click on box to view picture)

C.

Lead-Induced Testes Changes

(Click on box to view picture)

- A. Normal (Control Group)
- B. Segmental Degeneration
- C. Atrophy and Necrosis

Attachment C – Organ Pathology Table

(Click on box to view table)

Attachment D - Organ Weight Data Table

(Click on box to view table)

Attachment E - FOB Data Tables
(Click on box to view table)

Attachment F – Blood Lead Data
(Click on box to view table)

Attachment G - VITA

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EDUCATION	Masters of Science, Toxicology Virginia Polytechnic Institute and State University December, 1998	3.9/4.0
	Bachelor of Science, Biology Radford University, May, 1985	3.0/4.0

EXPERIENCE AND TRAINING

Environmental Health & Safety Coordinator, (Federal-Mogul Corporation, Blacksburg, Virginia March 1993-Present)

- Insure EPA, DOT, and OSHA regulatory compliance in a large multifaceted manufacturing environment
- Responsible for a RCRA closure project including site characterization, public outreach, and groundwater monitoring and remediation
- Perform industrial hygiene activities including air sampling and noise dosimetry
- Act as primary emergency coordinator for the facility
- Oversee and train the Hazardous Materials, First Aid, and Incipient Fire Brigade emergency teams
- Coordinate and participate in union-management safety tours, and safety focus group meetings
- Train Safety Facilitator volunteers in a behavioral safety process to aid in the evolution of a total safety culture at the facility
- Train Federal-Mogul personnel in Hazard Communication, chemical safety, and general safety issues
- Administer the safety program for Federal-Mogul's 600+ employees
- Insure compliance with multiple air, water, and waste permits
- Maintain Virginia Class III Waste Water Treatment Operator license
- Manage a yearly budget of \$500,000; \$1,000,000 in 1998

Hazardous Waste Manager, (Environmental Health & Safety Office; Virginia Polytechnic Institute and State University, Blacksburg, Virginia; Nov. 1991-April 1993)

- Directed University hazardous and infectious waste programs

- Performed and coordinated spill response and abatement including two large off-site waste characterization and removal projects
- Supervised the Virginia Tech Hazardous Waste staff
- Coordinated waste removal and disposal from 830 research laboratories and 15 research centers located throughout the Commonwealth
- Arranged for emergency treatment permits from the Virginia DEQ as needed
- Trained University personnel in Hazard Communication and waste management
- Insured compliance with EPA, DOT, and OSHA regulations
- Managed a yearly budget of >\$400,000 / year

Hazardous Waste Specialist, (Environmental Health & Safety Office; Virginia Polytechnic Institute and State University, Blacksburg, Virginia; May 1991-Oct. 1991)

- Scheduled and participated in the collection, transportation, and storage of all waste chemicals produced by University personnel in accordance with EPA, DOT, and Virginia regulations
- Managed the Virginia Tech Surplus Chemical program
- Managed the handling and disposal of chemicals from large quantity waste streams, including the bulking of such wastes in a safe yet cost-effective manner
- Member of the Hazardous Material Response Team; responded to spills/accidents and performed remedial actions
- Communicated with multiple levels of University personnel to insure regulatory compliance
- Assisted in the administration of the Hazardous Waste department

Biomedical Research Specialist, (Virginia-Maryland Regional College of Veterinary Medicine, VPI & SU, Blacksburg, Virginia; May 1989-May 1991)

- Performed various surgical procedures on multiple laboratory and non-laboratory species
- Assisted investigators in completion of research projects and compilation of data
- Assisted in the development of research protocols
- Supervised and instructed graduate students in animal surgery, laboratory procedures, and equipment use
- Operated, maintained, and repaired electronic and mechanical lab equipment

Biological Laboratory Technician, (Department of Surgery, Shock/Trauma Research Unit, Uniformed Services University of the Health Sciences, Bethesda, Maryland; July 1988 - May 1989)

- Performed various surgical procedures on laboratory animals
- Performed RIA's, bioassays, ELISA's, and tissue culture
- Performed various administrative tasks, supervised and trained medical students, and coordinated with other laboratories and departments
- Maintained laboratory safety standards

Biological Laboratory Specialist, (Altitude Research Division, US Army Research Institute of Environmental Medicine, Natick, Massachusetts; July 1985-March 1988)

- Participated in Operation Everest II and Pikes Peak 1986 research teams
- Performed various spectrophotometric and radioimmuno assays
- Insured laboratory safety and proper waste chemical disposal
- Assisted in the administration of the biochemistry laboratory in the Altitude Research Division including the supervision of enlisted personnel and test subjects