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LEAD-BASED PAINT SURVEY FOR HARRY S TRUMAN ANIMAL IMPORT CENTER NAS  
KEY WEST FL  
6/1/1999  
HANSON ENGINEERS

# LEAD-BASED PAINT SURVEY

**HARRY S. TRUMAN ANIMAL IMPORT CENTER  
FLEMING KEY, FLORIDA**

PREPARED FOR

*UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE*

CONTRACT NO. 53-3294-6-017  
TASK ORDER NO. 4, APHIS P/N 98998KW

PREPARED BY



JUNE 1999

JOB NO. 98FB048

**LEAD-BASED PAINT SURVEY  
HARRY S. TRUMAN ANIMAL IMPORT CENTER  
FLEMING KEY, FLORIDA**

**Prepared For:**

**UNITED STATES DEPARTMENT OF AGRICULTURE  
Animal and Plant Health Inspection Service  
4700 River Road  
Unit 45  
Riverdale, Maryland 20737**

**CONTRACT NO. 53-3294-6-017  
TASK ORDER NO. 4, APHIS P/N 98998KW**

**Prepared By:**

**HANSON ENGINEERS INCORPORATED  
1601 Belvedere Road  
Suite 303 South  
West Palm Beach, Florida 33046**

**JUNE 1999**

## TABLE OF CONTENTS

	<u>Page</u>
SECTION 1 - INTRODUCTION.....	1-1
LEAD EXPOSURE AND HEALTH EFFECTS .....	1-1
SECTION 2 - SAMPLING STRATEGY .....	2-1
SURVEY MEASUREMENT METHODS .....	2-1
REGULATORY BACKGROUND.....	2-1
SECTION 3 - SURVEY RESULTS .....	3-1
SECTION 4 - CONCLUSIONS AND RECOMMENDATIONS .....	4-1
CONCLUSIONS .....	4-1
RECOMMENDATIONS .....	4-1
APPENDIX A - HANSON ENGINEERS INCORPORATED PERSONNEL LICENSES	
APPENDIX B - PHOTOGRAPH LOG	
APPENDIX C - LEAD-BASED PAINT SURVEY TABLES	

## LIST OF FIGURES

<u>Figure No.</u>		<u>Page</u>
1.1	Site Location Map.....	1-2
1.2	Site Plan .....	1-3
3.1	Positive Lead Sample Locations.....	3-2

## SECTION 1 INTRODUCTION

This report presents the findings of a lead-based paint survey conducted by Hanson Engineers Incorporated for the United States Department of Agriculture (USDA). The survey was conducted at the Harry S. Truman Animal Import Center (HSTAIC) Quarantine Facility located on Fleming Key adjacent to Key West, Florida. Included in the survey were the animal barn, power/control area, equipment storage area, laboratory, wastewater treatment plant, feed storage area, and office/locker rooms. The interior and exterior components were included in this survey. Hanson Engineer is licensed to conduct lead-based paint surveys and to provide risk assessment services (see Appendix A - Hanson Engineers Incorporated Personnel Licenses). The lead-based paint survey was conducted on May 17 and 18, 1999. Figure 1.1 shows the location of the HSTAIC Quarantine Facility.

The HSTAIC Quarantine Facility USDA Animal Import Center is located on Fleming Key and covers approximately 30 acres in the northern portion of Fleming Key (see Figure 1.2). The facility was constructed in 1977 with a total footage of about 140,368 sq. ft.

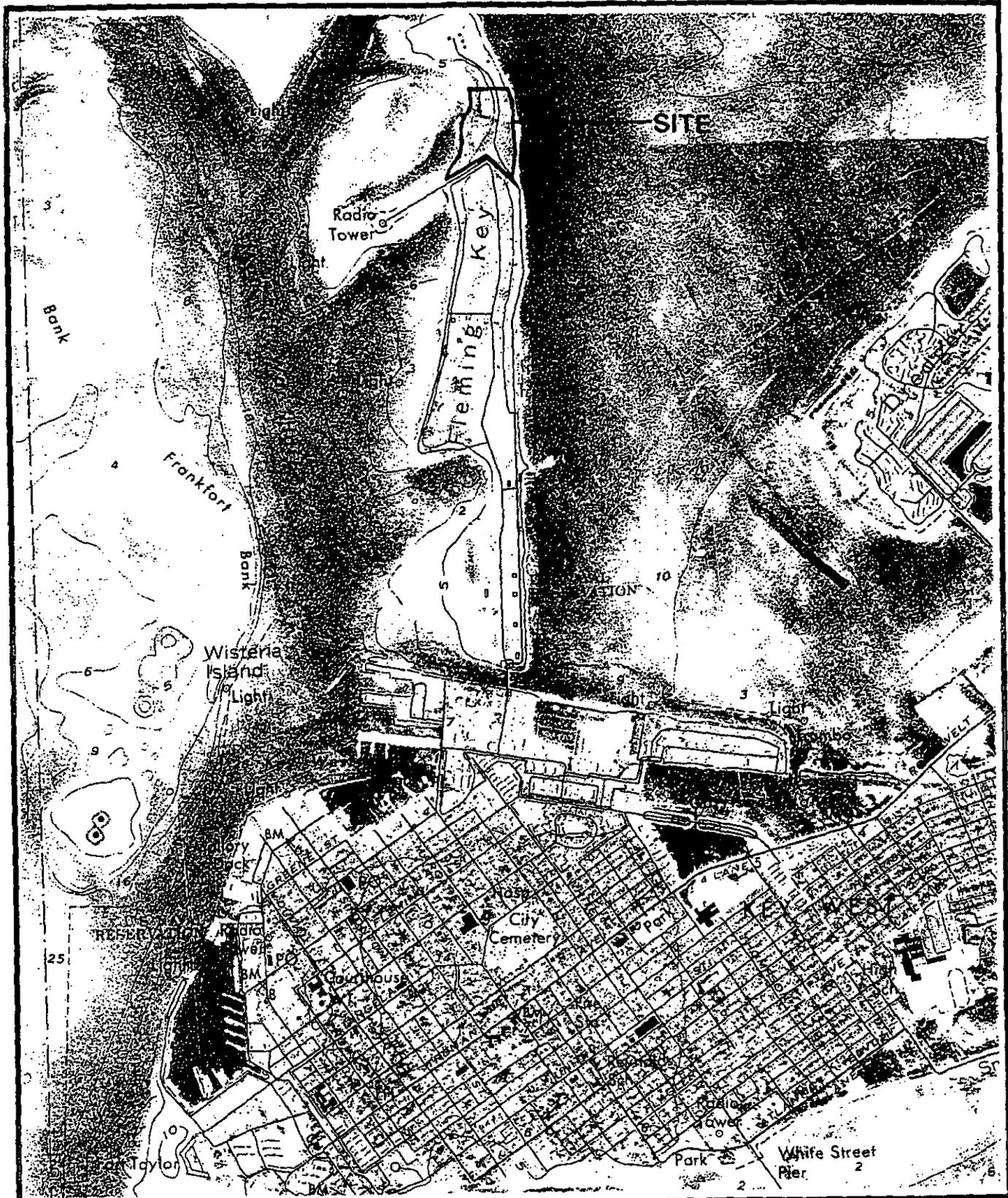
### LEAD EXPOSURE AND HEALTH EFFECTS

Humans are exposed to lead from numerous sources, such as deteriorating lead paints, industrial emissions, water supplies, cooking utensils, and occupational exposure. Ingestion and inhalation are the two most common routes of exposure for humans. Ingestion is the most common route of entry of lead into children from ordinary and repetitive hand to mouth activity. Ingestion is also a common route of exposure for adult workers through eating, smoking, and drinking in lead-contaminated work areas. For this reason, personal hygiene practices are required on all lead abatement projects.

Inhalation of dusts and fumes is a common route of entry for unprotected adult workers who may be working in lead-contaminated areas. Skin or dermal absorption is a minor route of lead intake.

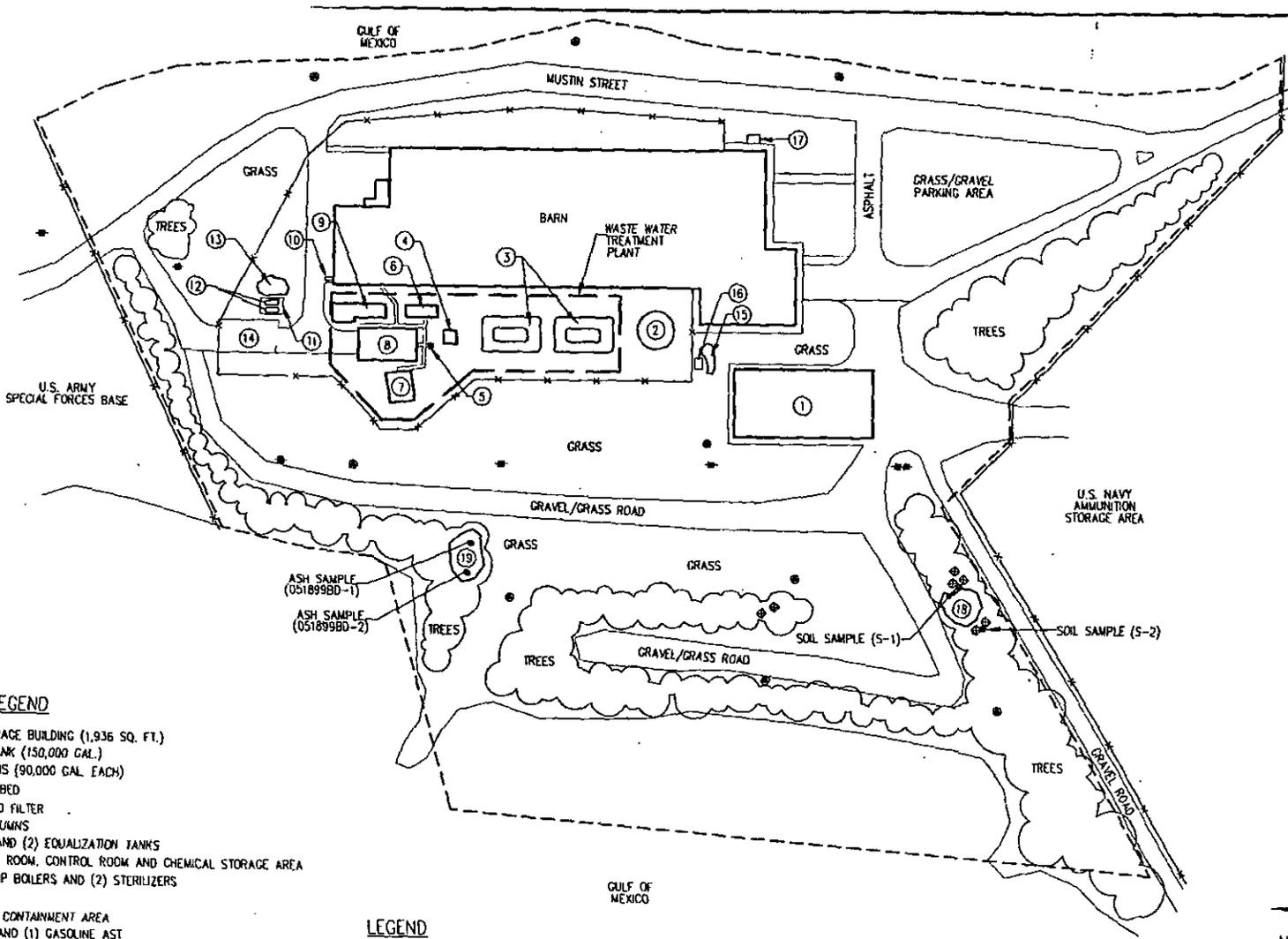
Ingested lead is dissolved by the gastric juices in the stomach and absorbed into the blood stream. Fine lead particles that reach the lungs are also absorbed into the blood stream. Lead in the blood stream is distributed to the brain, other soft tissue (e.g., kidney and muscle), teeth, and bones. Most lead in adults (95 percent) and children (70 percent) is stored in bone.

Signs and symptoms of lead poisoning in children and adults are not easily distinguishable from other common illnesses such as colds and flu. Lead affects many body systems: neurologic, renal, heme synthesis, reproductive, and gastrointestinal systems. As body burdens of lead increase, the effects on these systems become more severe. Signs and symptoms include: irritability, fatigue, lethargy, constipation, diarrhea, stomach pain, vomiting, headaches, muscle and joint pain, and loss of appetite. In addition, adults may also have memory problems, sleep disturbances, and loss of libido.



**SITE LOCATION MAP**  
**LEAD-BASED PAINT SURVEY**  
**HARRY S. TRUMAN ANIMAL IMPORT CENTER**  
**FLEMING KEY, FLORIDA**

JOB NO. 98FB048 FIGURE 1.1

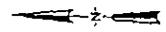


**FACILITY LEGEND**

- ① EQUIPMENT STORAGE BUILDING (1,936 SQ. FT.)
- ② STEEL WATER TANK (150,000 GAL.)
- ③ COOLING LAGOONS (90,000 GAL. EACH)
- ④ SLUDGE DRYING BED
- ⑤ MULTIMEDIA SAND FILTER
- ⑥ (4) CARBON COLUMNS
- ⑦ (2) CLARIFIERS AND (2) EQUALIZATION TANKS
- ⑧ WET WELL, PUMP ROOM, CONTROL ROOM AND CHEMICAL STORAGE AREA
- ⑨ FILTER, (2) 80 HP BOILERS AND (2) STERILIZERS
- ⑩ PROPANE AST
- ⑪ CONCRETE SPILL CONTAINMENT AREA
- ⑫ (1) DIESEL AST AND (1) GASOLINE AST
- ⑬ IMPACTED SOIL FROM THE (2) 4,000 GAL. UST REMOVALS
- ⑭ TRUCK/EQUIPMENT WASHDOWN AREA
- ⑮ IMPACTED SOIL FROM THE 8,000 GAL. UST REMOVAL
- ⑯ TRANSFORMER
- ⑰ AIR CONDITIONER
- ⑱ GRAVEL FILL MATERIAL PILE
- ⑲ ASH PILE

**LEGEND**

- - - PROPERTY LINE
- - - FENCE
- POWER POLE
- ⊙ MONITORING WELL
- DRUMS
- MOSQUITO CATCHER



NOT TO SCALE



**SITE PLAN**  
**LEAD-BASED PAINT SURVEY**  
**HARRY S. TRUMAN ANIMAL IMPORT CENTER**  
**FLEMING KEY, FLORIDA**

JOB NO. 88FB048

FIGURE 1.2

1. 05/18/2011  
 2. 05/18/2011  
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 13. 05/18/2011  
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 19. 05/18/2011

## SECTION 2 SAMPLING STRATEGY

### SURVEY MEASUREMENT METHODS

A NITON XL Spectrum Analyzer Lead Detector (XL Model 309) was used to analyze lead in paint. The NITON XL is a hand-held, portable lead detector designed to make fast, accurate, non-destructive measurements of lead concentration in lead-based paint. It is equipped with a powerful microprocessor and multi-channel spectrum analyzer of x-ray fluorescence. The NITON XL can identify lead in less than five seconds when the lead is near the surface. In 20 seconds or less (HUD Criterion for Spectrum Analyzers), it will identify most lead at a confidence level of 95 percent. The NITON XL quantifies the amount of lead in paint by weight per unit of area or milligrams per square centimeter ( $\text{mg}/\text{cm}^2$ ).

The NITON XL is equipped with a 40 milliCurie Cadmium 109 source ( $\text{Cd } 109$ ). Although the NITON XL is capable of using both L and K x-rays, most measurements are taken using the L x-rays. The NITON XL L x-rays yield fast, reliable results that are unaffected by substrate interferences. The L x-rays will go through up to 20 or more coats (40 mils) of typical paints and all varnishes. It is designed to find paint with low levels of lead and is particularly accurate at lead concentrations between  $0.1 \text{ mg}/\text{cm}^2$  and  $2.0 \text{ mg}/\text{cm}^2$ . The NITON XL does not quantify large lead concentrations (greater than  $5.0 \text{ mg}/\text{cm}^2$ ); it will only display a concentration of  $>5.0 \text{ mg}/\text{cm}^2$ .

When a sample contains lead, the NITON XL will display three peaks; one for lead's L-alpha x-radiation at 10.5 keV; another peak for lead's L-beta x-radiation at 12.6 keV; and a third, smaller peak for lead's L-gamma x-radiation at 14.7 keV. Lead is the only element that produces a 12.6 keV peak. Therefore, the presence of the L-beta x-ray at 12.6 keV is an unambiguous signature that lead is present. Analysis of this three-peak spectrum reduces interferences caused by other elements, such as zinc.

The NITON XL operation is based on the theory of x-ray fluorescence. A photon (gamma ray) emitted from a radioactive source bombards a sample. This photon has sufficient energy to knock an electron from an outer orbital (L shell). As the electron falls from a higher to a lower orbital, energy is released in the form of x-rays. The energy released is characteristic of a specific element. The production of this x-ray is called x-ray fluorescence.

By using a high resolution x-ray detector and a multi-channel analyzer, it is possible to count the number of lead x-rays produced by a sample in a given amount of time. This number is directly proportional to the concentration of lead in a sample, and can be expressed as the amount of lead (mg) in the paint per unit area ( $\text{cm}^2$ ).

### REGULATORY BACKGROUND

The U.S. Department of Housing and Urban Development (HUD) has issued lead-based paint guidelines entitled *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*. These Guidelines are issued pursuant to Title X of the Housing and Community Development Act of 1992 and based on the concepts, definitions, and requirements set forth by Congress in Title X, and have replaced the 1990 Lead-Based Paint Interim Guidelines. The

Guidelines complement regulations and other directives and guidelines to be issued by HUD, the Environmental Protection Agency (EPA), the Occupational Safety and Health Administration (OSHA) of the U.S. Department of Labor, and the Centers for Disease Control and Prevention (CDC) of the U.S. Department of Health and Human Services. These Guidelines are not applicable for industrial or commercial settings; however, they can be used as a tool for conducting lead-based paint assessments.

According to the HUD Guidelines, lead-based paint is any paint, varnish, stain, or other applied coating that has  $1 \text{ mg/cm}^2$  (estimated to be about 5,000 Tg/g or 5,000 mg/kg) or more of lead. This  $1.0 \text{ mg/cm}^2$  criterion level was used as a tool to identify areas where lead-based paint was present.

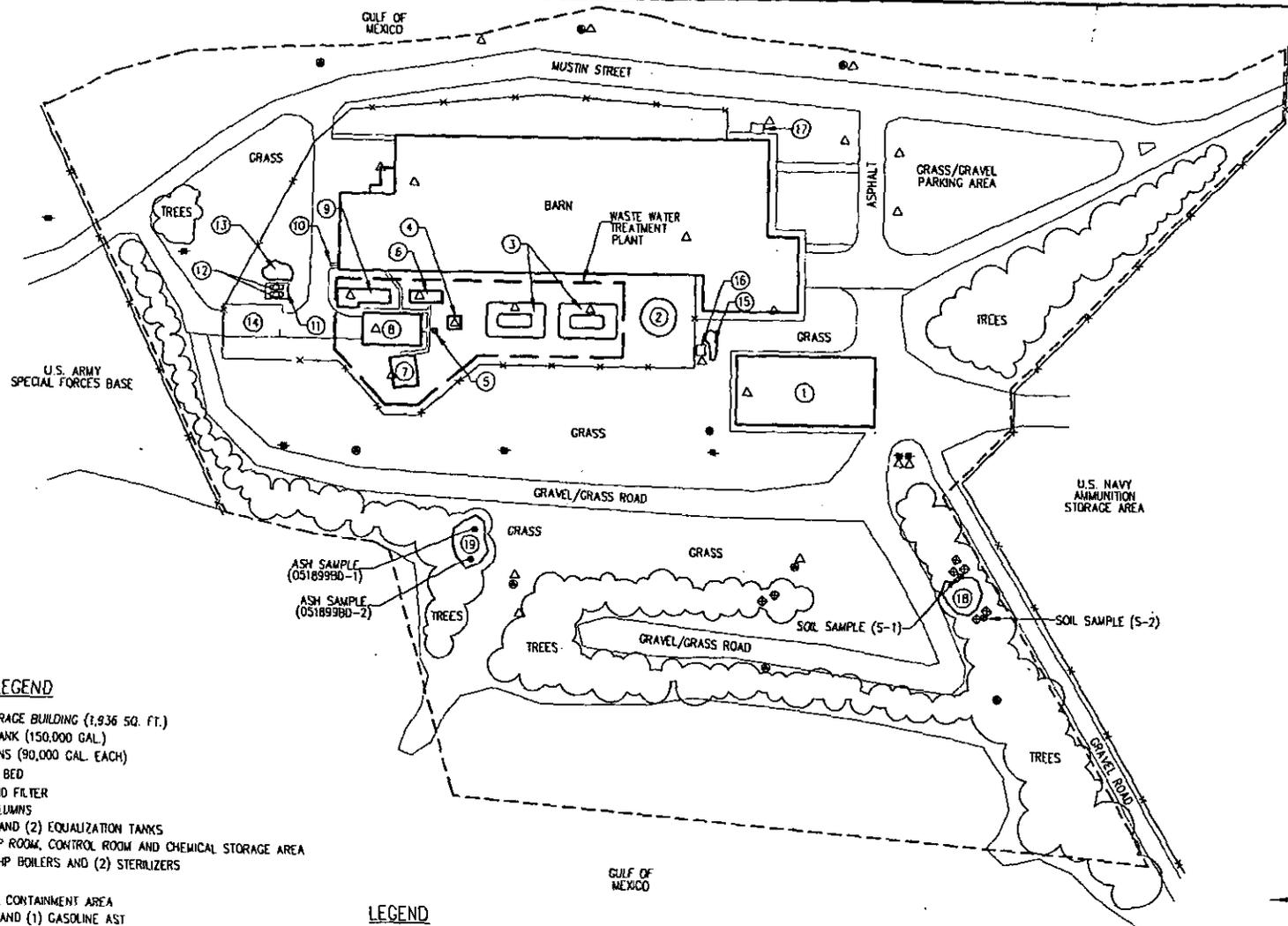
The OSHA lead standard for the construction industry (29 CFR 1926.62) includes employee protection requirements for construction workers exposed to lead. This standard applies to all occupational exposures to lead in all construction work in which lead, in any amount, is present in an occupationally related context. Therefore, this standard covers maintenance, repair, or demolition work activities related to structures painted with lead-based paint. The worker protection requirements in the OSHA lead standard are triggered by airborne lead concentrations in excess of the action level of  $30 \text{ } \mu\text{g/m}^3$  (the permissible exposure level, PEL is  $50 \text{ } \mu\text{g/m}^3$ ). These requirements would be applicable to contractors working at the facility, and could be used as guidance for state maintenance workers.

**SECTION 3**  
**SURVEY RESULTS**

### SECTION 3 SURVEY RESULTS

The lead-based paint survey for the USDA was conducted on May 17 and May 18, 1999. On these dates, the lead-based paint concentrations were measured with the NITON XL Spectrum Analyzer Lead Detector (XL Model 309). The NITON XL was pre-calibrated before use and calibrated at about 2-hour intervals thereafter. A total of 341 lead-based measurements were taken using the NITON XL (see Appendix C) and 4 readings were positive for lead-based paint. Paint chip samples were not taken since the inconclusive readings were re-tested until the analysis indicated either a positive or negative result. For each re-test, the instrument was moved slightly to eliminate any interference. Figure 3.1 illustrates the specific areas of the facility that have lead-based paint. Also located in Appendix B is a photograph log presenting the various components that tested positive for lead-based paint.

From the survey results, there are about 22 sq. ft of component surfaces that contain lead-based paint. The primary areas where lead-based paint was found were the parking lot bumper strips, shore line warning sign, west property well casing, and the water treatment building compressor room tank support.



**FACILITY LEGEND**

- ① EQUIPMENT STORAGE BUILDING (1,936 SQ. FT.)
- ② STEEL WATER TANK (150,000 GAL.)
- ③ COOLING LAGOONS (90,000 GAL. EACH)
- ④ SLUDGE DRYING BED
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- ⑥ (4) CARBON COLUMNS
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- ⑯ TRANSFORMER
- ⑰ AIR CONDITIONER
- ⑱ GRAVEL FILL MATERIAL PILE
- ⑲ ASH PILE

**LEGEND**

- PROPERTY LINE
- - - FENCE
- POWER POLE
- MONITORING WELL
- DRUMS
- MOSQUITO CATCHER
- △ POSITIVE LEAD SAMPLE LOCATIONS

NOT TO SCALE

	<b>POSITIVE LEAD SAMPLE LOCATIONS</b>	
	LEAD-BASED PAINT SURVEY HARRY S. TRUMAN ANIMAL IMPORT CENTER FLEMING KEY, FLORIDA	
	JOB NO. 98FB048	FIGURE 3.1

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 05/25/04 10:00 AM  
 11/21/04

## SECTION 4 CONCLUSIONS AND RECOMMENDATIONS

### CONCLUSIONS

The EPA has proposed a rule under Section 402 of the Toxic Substances Control Act (TSCA) on the development of training/certification requirements and work practice standards for those conducting lead-based paint activities in public buildings (except child-occupied facilities), commercial buildings, and steel structures. Lead-based paint activities include deleading (elimination of lead-based paint or its hazards), removal of lead from bridges and demolition, and maintenance activities such as overcoating of steel structures. This rule is anticipated to become an EPA regulation.

The OSHA lead standard for the construction industry (29 CFR 1926.62) includes employee protection requirements for construction workers exposed to lead. This standard applies to all occupational exposures to lead in all construction work in which lead, in any amount, is present in an occupationally related context. Therefore, this standard covers maintenance, repair, or demolition work activities related to structures painted with lead-based paint. The worker protection requirements in the OSHA lead standard are triggered by airborne lead concentrations in excess of the action level of  $30 \mu\text{g}/\text{m}^3$  (the permissible exposure level, PEL is  $50 \mu\text{g}/\text{m}^3$ ). These requirements would be applicable to contractors working at the facility, and could be used as guidance for state maintenance works.

From the survey results, there are about 22 sq. ft of component surfaces that contain lead-based paint. The primary areas where lead-based paint was found were the parking lot bumper strips, shore line warning sign, west property well casing, and water treatment compressor room tank support.

### RECOMMENDATIONS

If the facility is to remain in place, the primary recommendation for the building management related to lead-based paint is the development of an operations and management program (O&M). In addition, some areas that contain lead-based paint are peeling (well casing) and should be abated or encapsulated. An O&M program can be defined as a formulated plan of training, cleaning, work practices, and surveillance to maintain lead-based paint containing materials in good condition. An O&M program may also provide an effective, less costly alternative to removal operations.

A comprehensive O&M program includes the following elements: notification, surveillance, controls, work practices, recordkeeping, worker protection, and training.

Notification refers to instructing workers and building occupants of the locations of the lead-based paint and how to avoid disturbing or damaging component surfaces that contain such paint. The two primary reasons for notification are because building occupants and maintenance personnel should be aware of the potential hazard in their vicinity, and informed persons are less likely to unknowingly disturb lead-based paint containing surfaces.

Surveillance refers to regular inspection of the affected areas and noting, assessing, and documenting any changes in the component surfaces. As part of the surveillance, visual inspections should note physical changes such as cracking, peeling, or scaling of painted surfaces. In addition to a visual inspection, air monitoring can be used in areas where lead-based paint surfaces appear to be chalking and creating a residue on work surfaces.

Work controls could include a permit system involving maintenance staff, custodial staff, and contractors that perform work that affects lead-based painted surfaces. The specific request form could indicate the condition of the painted surface, how the work may affect the surface (i.e., abrade, sand, chip), and the specific location of the affected area(s).

The O&M work practices should focus on maintenance, custodial, and construction staff. This aspect of the program involves basic procedures to perform routine custodial and maintenance staff functions. For example, the use of abrading or sanding equipment should be limited due to the possibility of causing the lead to become airborne. Also, scaling and flaking of affected surfaces would require special cleanup considerations involving wet-wiping methods. Practices such as dry sweeping should be avoided, and HEPA vacuums should be used in order to eliminate further deterioration of the paint chips and causing them to become airborne.

Recordkeeping is another integral element of an O&M program. Documentation of work that disturbs lead-based paint surfaces, air monitoring, surveillance activities, and worker training is necessary to ensure adherence to the O&M program. Accurate recordkeeping is considered a good management practice. Also, all written elements of the O&M program should be made available to the building's O&M staff.

Worker protection involves the use of proper personal protective equipment. Many maintenance activities that disturb affected surfaces may require respiratory protection and training, as well as protective gloves or suits to prevent the spread of any lead dust. Since lead exposure may occur through inhalation, proper respirator training would include fit-testing, respirator maintenance and storage, and proper use. Medical surveillance is required if respiratory protection is mandated.

Training of custodial and maintenance staff should include basic information of the hazards of lead exposure, recognition of health effects, types of maintenance activities that may disturb lead-based paint surfaces, cleanup procedures, and personal protective equipment training. With maintenance workers there can be at least three levels of training: awareness training, special O&M training, and abatement worker training. Awareness training involves general maintenance and incidental repair tasks. Abatement worker training involves direct, intentional contact with lead-based paint surfaces. This training may involve hazard assessment training.

Data on conditions at the site may vary depending on when and where data were obtained, resulting in possible uncertainty with respect to the interpretation of actual conditions at the site. Hanson Engineers can offer no assurances and assumes no responsibility for site conditions or activities beyond the scope of the survey requested by the USDA. This report presents data collected at the time and place of testing. No warranty or guarantee is intended or implied. Any alteration, editing, or characterization of this report without the express written permission of Hanson Engineers is prohibited.

If the buildings are to be demolished, the lead-contaminated components should be disposed of as hazardous waste.



State of Illinois A 88919

Department of Public Health

LICENSE, PERMIT, CERTIFICATION, REGISTRATION

The person, firm or corporation whose name appears on this certificate has complied with the provisions of the Illinois Statutes and/or rules and regulations and is hereby authorized to engage in the activity as indicated below.

JOHN R. LUMPKIN, M.D.  
DIRECTOR

Issued under the authority of  
The State of Illinois  
Department of Public Health

EXPIRATION DATE	CATEGORY	L.O. NUMBER
01/31/2000	5317	L- 2529
James D Barnes, Jr		
LEAD INSPECTOR/RISK ASSESSOR		

BUSINESS ADDRESS

Hanson Engineers, Incorporated  
1525 S. Sixth Street  
Springfield IL 62703

SEPARATION DATE  
01/31/2000

CATEGORY  
5317

L.O. NUMBER  
L- 2529

James D Barnes, Jr  
LEAD INSPECTOR/RISK ASSESSOR

State of Illinois A 88919  
Department of Public Health  
LICENSE, PERMIT, CERTIFICATION, REGISTRATION

**SAINT LOUIS UNIVERSITY**

**SCHOOL OF PUBLIC HEALTH  
DIVISION OF ENVIRONMENTAL AND OCCUPATIONAL HEALTH**

certifies that

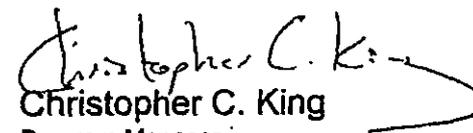
**James Barnes**

has attended and successfully completed the

**Lead Based Paint Inspector Refresher Course**

December 9, 1997

  
**Gregory Evans, Ph.D.**  
Director, Division of Environmental  
and Occupational Health

  
**Christopher C. King**  
Program Manager,  
Center for Environmental Education  
and Training

Certificate No. INR8-142  
SSN 311-44-0429

Certificate No. 311-44-0429 R

# CERTIFICATE OF TRAINING

THIS CERTIFIES THAT

JAMES BARNES

Has completed an Illinois Department of Public Health Approved Course of Training  
in

LEAD INSPECTOR REFRESHER

AT: Menard Co. Health Dept., Petersburg, IL

ON: November 12, 1996

*Christopher Byrne*

Attest

Christopher Byrne, B.S., Industrial Hygienist

*James L. Diekroeger*

James L. Diekroeger, M.S., M.P.H.

Dir. of Health & Safety • Environmental Consultant

Certificate No. 311-44-0429R

# CERTIFICATE OF TRAINING

THIS CERTIFIES THAT

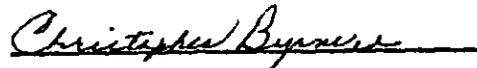
JAMES BARNES

Has completed an Illinois Department of Public Health Approved Course of Training  
in

LEAD INSPECTOR REFRESHER

AT: Menard Co. Health Department, Petersburg, IL

ON November 6, 1995



Attest  
Christopher Byrne, B.S., Industrial Hygienist



James L. Diekroeger, M.S., M.P.H.  
Dir. of Health & Safety • Environmental Consultant

Moraine Valley Community College  
Environmental Institute

*This certificate is awarded to*

**JAMES BARNES**

*In recognition of attending the required 24-hour training course and successfully passing the written examination, attaining a score of 70 percent or greater, for certification as a:*

**Lead Inspector**

Course Dates  
April 10 - 12, 1995

Test Date  
April 12, 1995

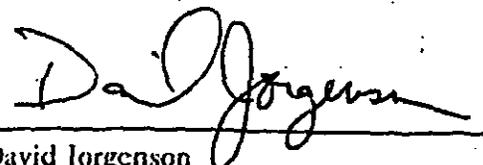
Expiration Date  
April 11, 1996

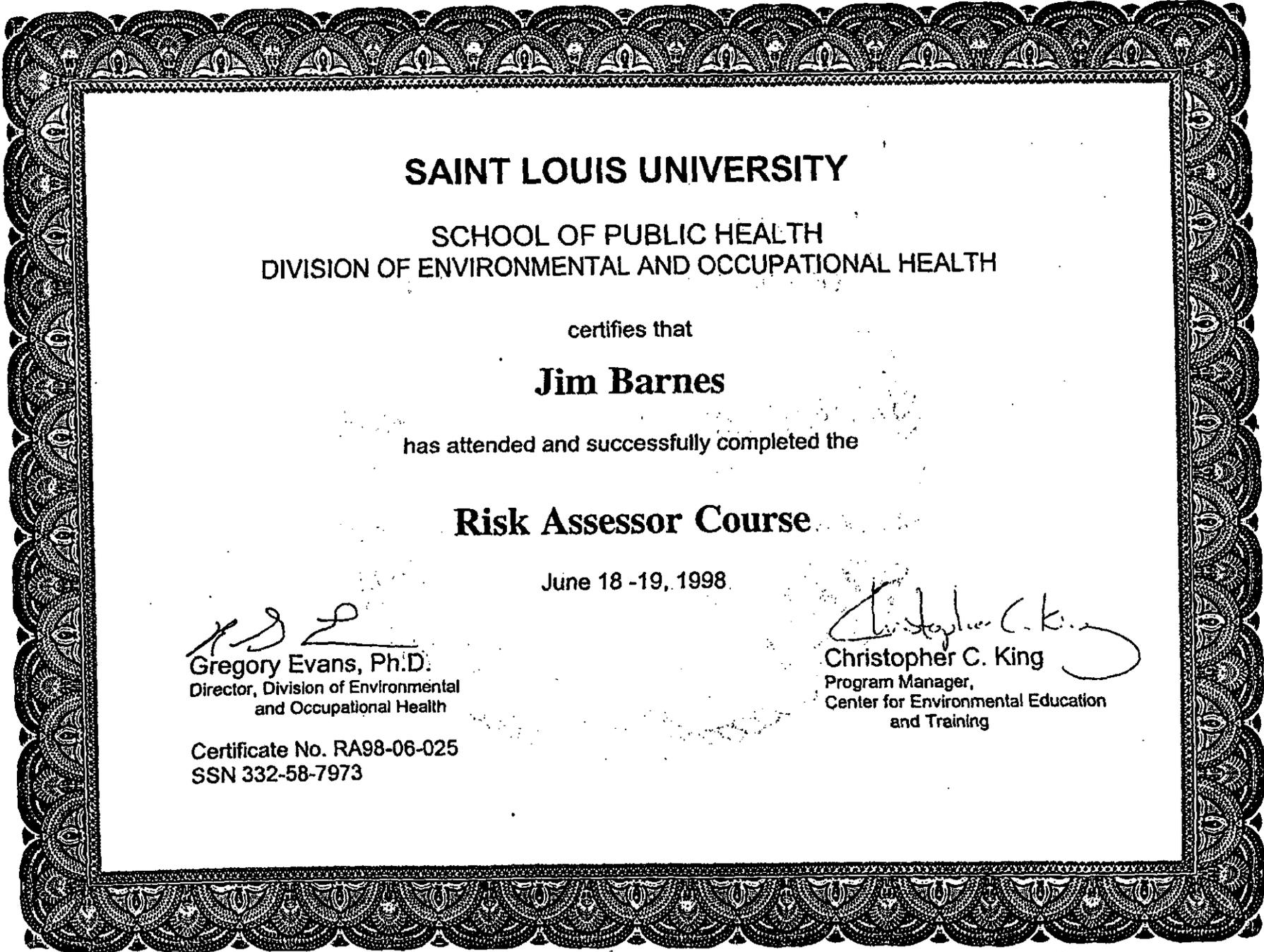
Accreditation #  
495LI001

This course is accredited by the  
Illinois Department of Public Health

**ABII CM approval #9208**  
**CM points awarded: 3.0**

 Moraine Valley  
Community College  
10900 South 88th Avenue  
Palos Hills, IL 60465-0937  
(708) 974-5735

  
David Jorgenson  
Instructional Coordinator



**SAINT LOUIS UNIVERSITY**

**SCHOOL OF PUBLIC HEALTH  
DIVISION OF ENVIRONMENTAL AND OCCUPATIONAL HEALTH**

certifies that

**Jim Barnes**

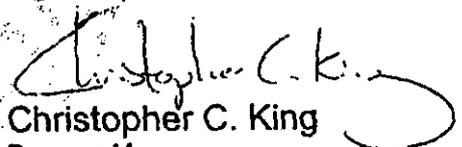
has attended and successfully completed the

**Risk Assessor Course**

June 18 -19, 1998

  
**Gregory Evans, Ph.D.**  
Director, Division of Environmental  
and Occupational Health

Certificate No. RA98-06-025  
SSN 332-58-7973

  
**Christopher C. King**  
Program Manager,  
Center for Environmental Education  
and Training

**NITON**<sup>®</sup> corporation

## *Certificate of Achievement*

*This is to certify that*

**James Barnes**

*has successfully completed the Manufacturer's Training Course  
for the NITON XL Spectrum Analyzer*

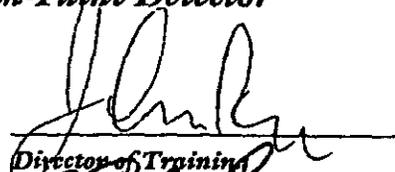
*The two-day course covered radiation safety and monitoring,  
L x-ray measurement technology, and  
machine maintenance of the XL Lead-in-Paint Detector*

949742

*Certificate Number*

03/21/96

*Course Date*

  
*Director of Training*  
  
*President & CEO - NITON*



State of Illinois

A91483

Department of Public Health

LICENSE, PERMIT, CERTIFICATION, REGISTRATION

The person, firm or corporation whose name appears on this certificate has complied with the provisions of the Illinois Statutes and/or rules and regulations and is hereby authorized to engage in the activity as indicated below.

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DIRECTOR

Issued under the authority of  
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EXPIRATION DATE	CATEGORY	LD NUMBER
01/31/2000	5317	L- 5635
Brian L Dye		
LEAD INSPECTOR LICENSE		

BUSINESS ADDRESS

Hanson Engineers, Incorporated  
1525 S. Sixth Street  
Springfield IL 62703

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State of Illinois A 91483  
Department of Public Health  
LICENSE, PERMIT, CERTIFICATION, REGISTRATION

EXPIRATION DATE	CATEGORY	LD NUMBER
01/31/2000	5317	L- 5635

Brian L Dye

LEAD INSPECTOR LICENSE

# HINDS ENVIRONMENTAL, INC.

Certifies that

Brian Dye  
324-74-7464

has completed the 8 hour requisite training for lead accreditation titled:

## LEAD-BASED PAINT INSPECTOR REFRESHER TRAINING COURSE

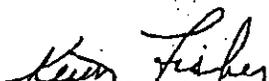
and successfully passed the exam with a score of 70% or above.

Course Dates: June 22, 1998

Exam Date: June 22, 1998

Expiration Date: June 22, 1999

Certificate No.: LIR/0010

  
\_\_\_\_\_  
Course Instructor

Robert Hinds  
\_\_\_\_\_  
President

Accredited by the Illinois Department of Public Health

2975 Stanton Street ♦ Springfield, Illinois 62703-4345 ♦ (217) 585-8970

# Professional Service Industries, Inc.

## Lead Based Paint Inspector

Initial Training Course

**Brian Dye**

324-74-7464

has successfully completed the Lead Based Paint Inspector Initial Training Course and passed the examination with a score of 70% or greater, for the purposes of accreditation required by the State of Illinois. Conducted by PSI, Inc., 510 East 22nd Street, Lombard, Illinois 60148, 1-800-445-0682.  
Continuing Education Units awarded: 2.4



Location: St. Louis, Missouri

Course Dates: July 14-16, 1997

Director of Training:

Examination: July 16, 1997

Expiration Date: July 16, 1998



Certificate Number 5PSI 97119

LI



# Professional Service Industries, Inc.

## Lead Based Paint Inspector

Initial Training Course

**Brian Dye**

324-74-7464

has successfully completed the Lead Based Paint Inspector Initial Training Course and passed the examination with a score of 70% or greater, for the purposes of accreditation required under Section 701.312 RSMo and 19 CSR 20-8.020. Conducted by PSI, Inc., 510 East 22nd Street, Lombard, Illinois 60148, 1-800-445-0682.  
Continuing Education Units awarded: 2.4



Location: St. Louis, Missouri

Examination: July 16, 1997

Course Dates: July 14-16, 1997

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Director of Training:



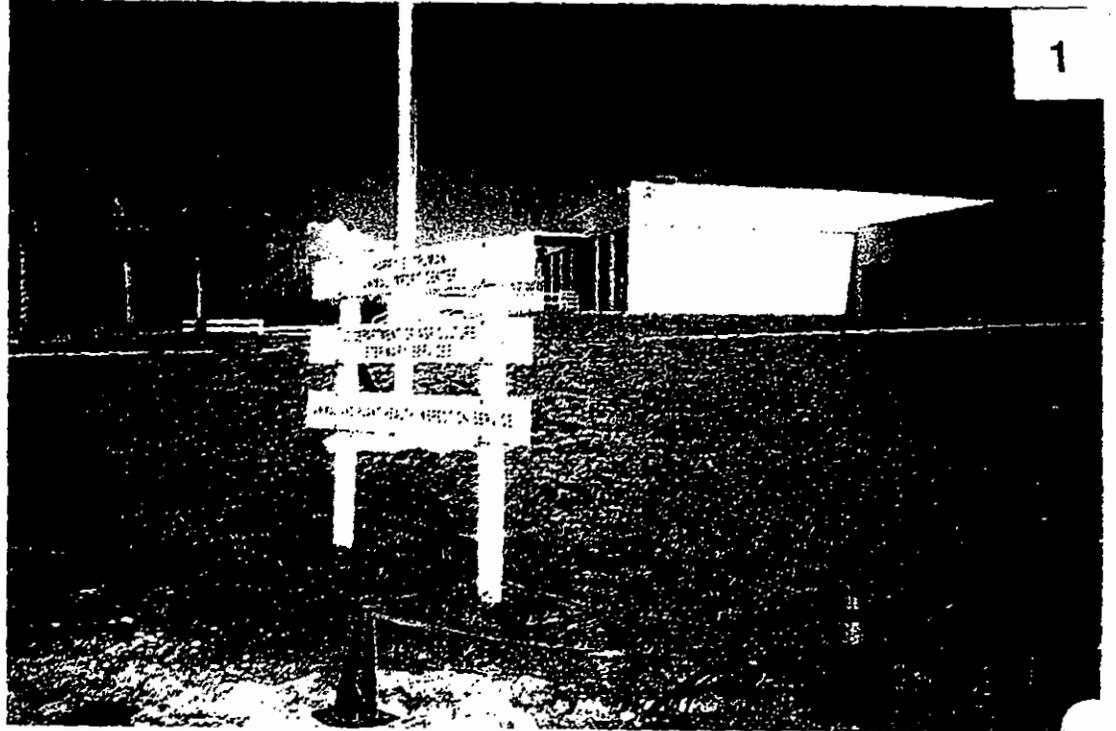
Certificate Number

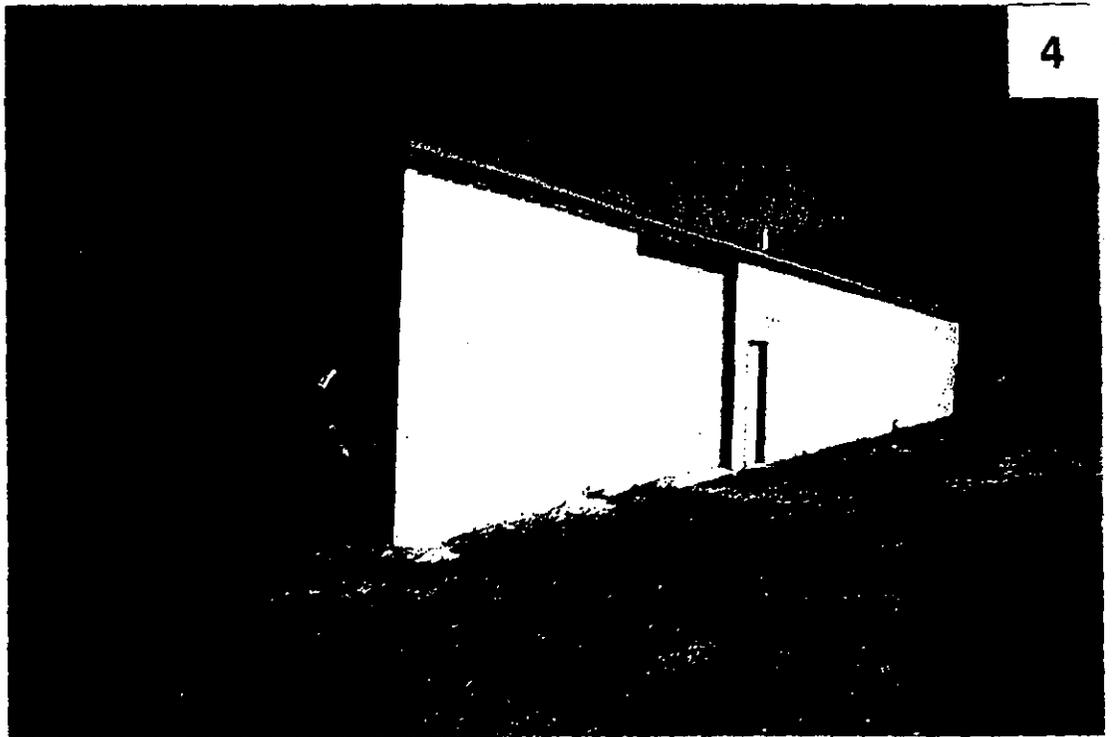
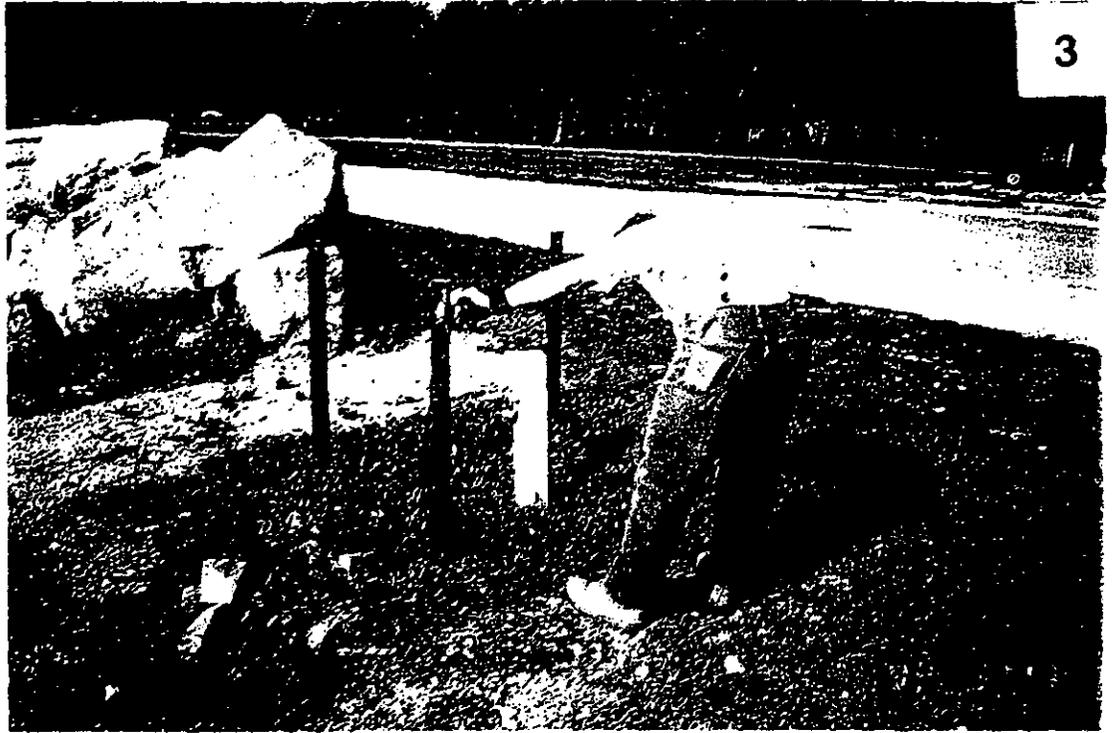
5PSI 97126

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## PHOTOGRAPH LOG

<u>Photograph Number</u>	<u>Description</u>
1	View of HSTAIC front sign.
2	View of parking area tire bumper strip.
3	View of well and well protective poles.
4	View of garage exterior.
5	View of shoreline warning sign.
6	View of gasoline and diesel storage area.
7	View of wastewater treatment area.
8	View of wastewater treatment lagoon.
9	View of roof top vents and fan housings.
10	View of fence post imbedded in concrete on northwest property.
11	View of water treatment pump house.
12	View of well casing and well protective poles.

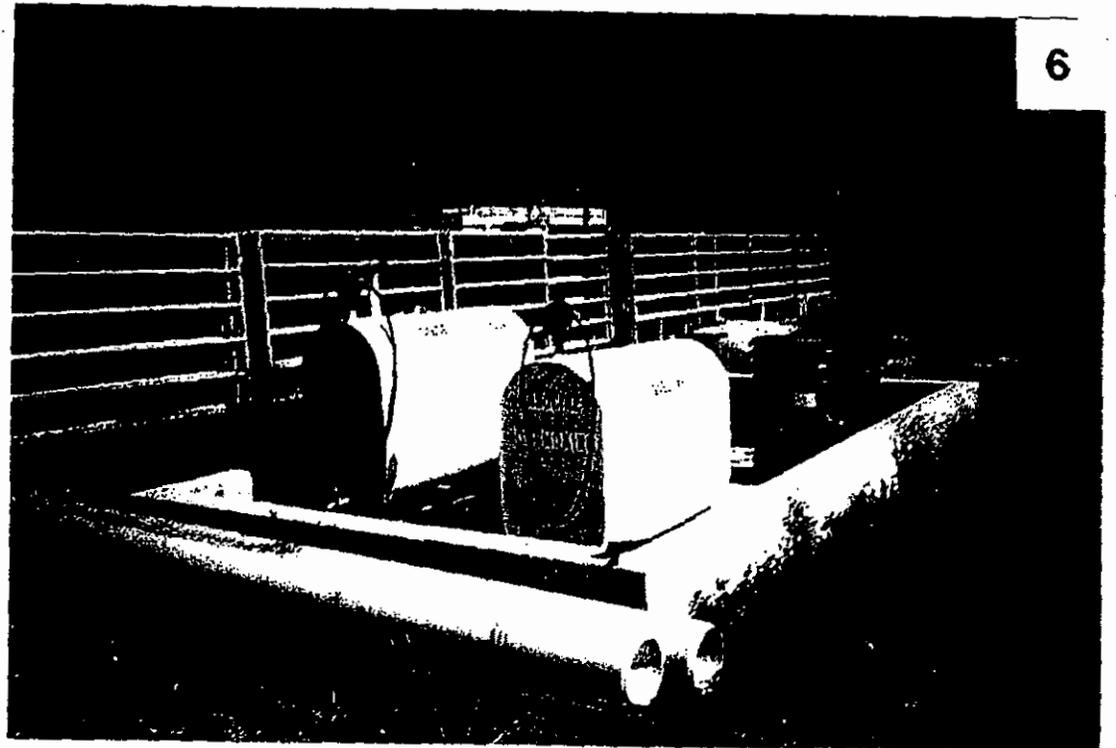




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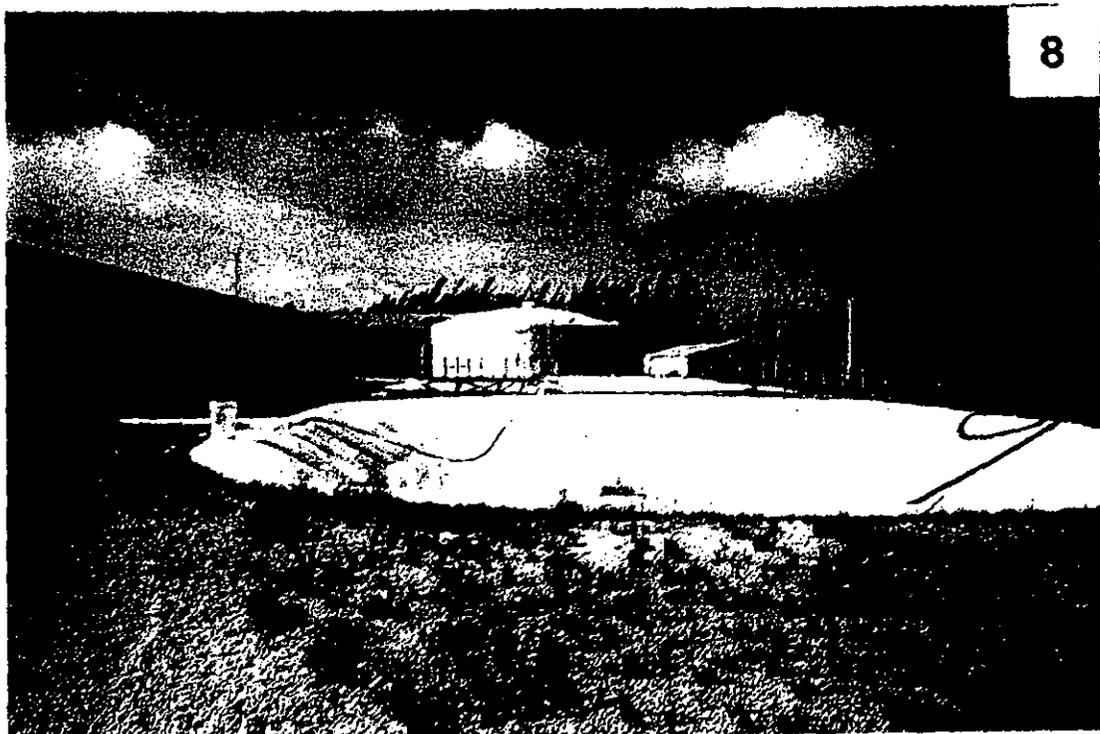


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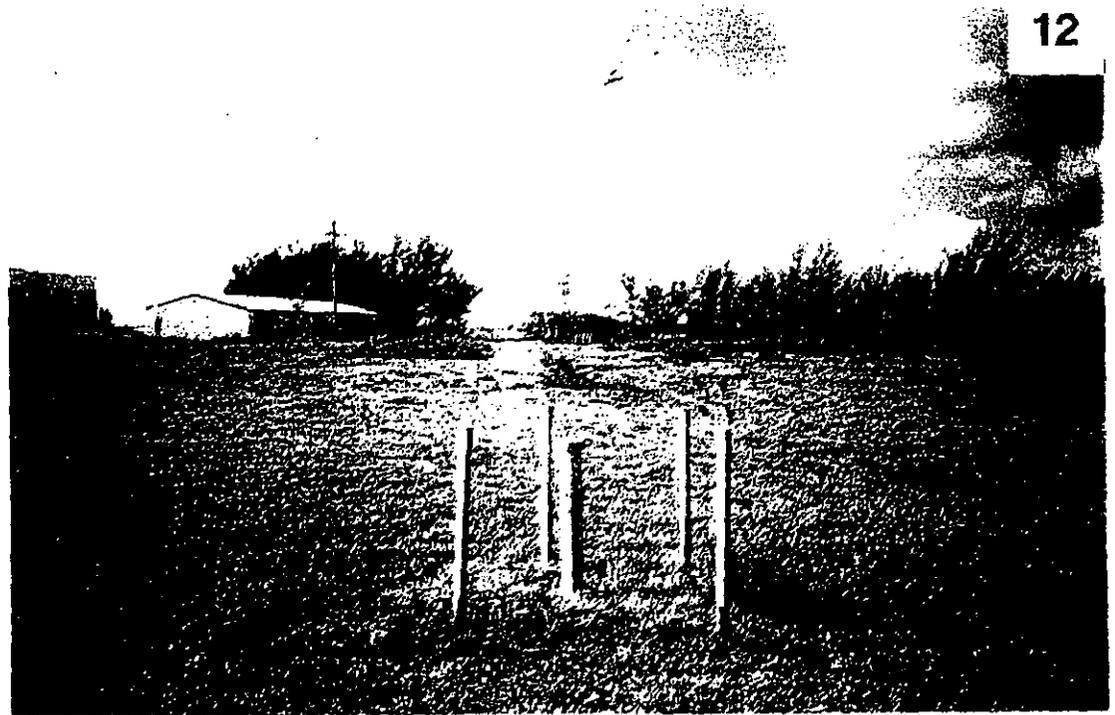
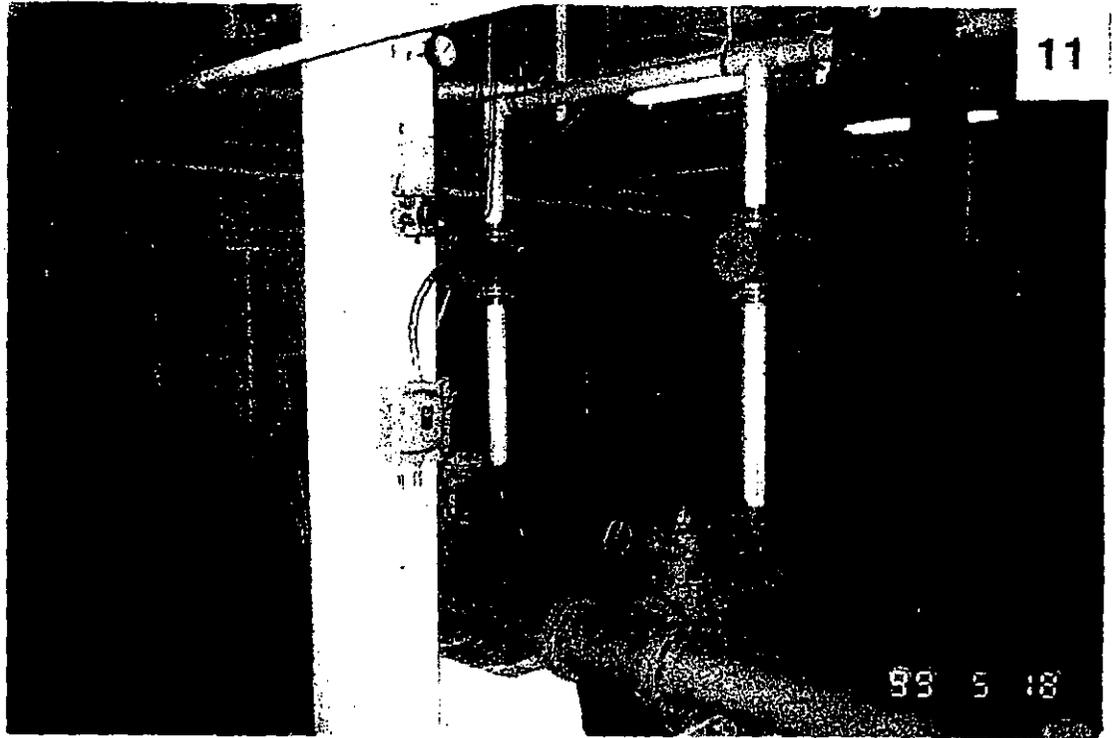


Table 3.1. Lead-Based Paint Survey  
 Harry S. Truman Animal Import Center  
 U.S. Department of Agriculture  
 Fleming Key, Florida  
 May 17-18, 1999

No.	Location	Room/Side	Structure	Feature	Condition	Substrate	Color	PbL mg/cm <sup>2</sup>	+/- mg/cm <sup>2</sup>	Screening Results (>1.0 mg/cm <sup>2</sup> )	Quantity
1	Calibration	1.0 +/- 0.1	Calibration	---	---	---	---	1	0.1	---	---
2	Calibration	3.5 +/- 0.3	Calibration	---	---	---	---	3.9	0.2	---	---
3	Calibration	0	Calibration	---	---	---	---	0	0.1	---	---
4	Exterior Building	Front	Fence	South	Solid	Wood	White	0	0	Negative	NA
5	Exterior Building	Front	Fence	South	Solid	Wood	White	0.02	0	Negative	NA
6	Exterior Building	Parking Lot	Bumper Strip	South	Solid	Concrete	Yellow	0.87	0.08	Negative	NA
7	Exterior Building	Parking Lot	Bumper Strip	South	Solid	Concrete	Yellow	1.61	0.31	Positive	12 Ft <sup>2</sup>
8	Exterior Building	Loading Dock	Bumper Poles	South	Solid	Metal	Yellow	0.32	0.2	Negative	NA
9	Exterior Building	Yard	Bumper Poles	South	Solid	Metal	Yellow	0.13	0.15	Negative	NA
10	Exterior Building	Garage	Trim	South	Solid	Wood	Brown	0.1	0	Negative	NA
11	Exterior Building	Garage	Door Casement	NA	Solid	Metal	Brown	0.01	0.04	Negative	NA
12	Exterior Building	Garage	Door	NA	Solid	Metal	Brown	0	0.04	Negative	NA
13	Exterior Building	Fire Hydrant	Fire Hydrant	West	Solid	Metal	Red	0.46	0.16	Negative	NA
14	Calibration	1.0 +/- 0.1	Calibration	---	---	---	---	0.99	0.18	---	---
15	Calibration	3.5 +/- 0.1	Calibration	---	---	---	---	3.15	0.43	---	---
16	Calibration	0	Calibration	---	---	---	---	0	0.21	---	---
17	Exterior Building	Barn	Building Column	North	Solid	Concrete	White	0	0.02	Negative	NA
18	Exterior Building	Yard	A/C Unit	East	Solid	Metal	Green	0	0.16	Negative	NA
19	Exterior Building	Yard	Well Protective Poles	East	Solid	Metal	Yellow	0.01	0.13	Negative	NA
20	Exterior Building	Parking Lot	Building Sign	South	Solid	Wood	Black	0.06	0.01	Negative	NA
21	Exterior Building	Parking Lot	Building Sign	South	Solid	Wood	White	0.01	0	Negative	NA
22	Exterior Building	Yard	Pit Entrance	East	Solid	Metal	Red	0.01	0.19	Negative	NA
23	Exterior Building	Yard	Chain Link Fence	East	Solid	Metal	Green	>.51	---	Inconclusive	---
24	Exterior Building	Yard	Fence Post	East	Solid	Metal	Green	0.08	0.02	Negative	NA
25	Exterior Building	Shore Line	Warning Sign	East	Solid	Metal	Yellow	2.09	0.35	Positive	3 Ft <sup>2</sup>
26	Exterior Building	Shore Line	Bench	East	Solid	Wood	White	0	0	Negative	NA
27	Exterior Building	Shore Line	Well Protective Poles	East	Solid	Metal	Yellow	0.02	0.21	Negative	NA
28	Exterior Building	Loading Dock	Animal Loader	South/East	Solid	Metal	Red	0.04	0.28	Negative	NA
29	Exterior Building	Loading Dock	Animal Loader	South/East	Solid	Metal	Gray	0	0.11	Negative	NA
30	Exterior Building	Loading Dock	Animal Loader	South/East	Solid	Wood	Red	0	0	Negative	NA
31	Exterior Building	Barn	Building Column	East	Solid	Concrete	White	0	0	Negative	NA
32	Exterior Building	Barn	Door	East	Solid	Metal	Gray	0.04	0.08	Negative	NA
33	Exterior Building	Barn	Overhead Door	North	Solid	Metal	Brown	0.04	0.01	Negative	NA
34	Exterior Building	Barn	Cover Plate	North	Solid	Metal	Gray	0.02	0.22	Negative	NA
35	Exterior Building	Barn	Building Column	North	Solid	Concrete	White	0	0.16	Negative	NA
36	Exterior Building	Storage Area	Propane Tank	North	Solid	Metal	White	0.04	0.15	Negative	NA
37	Exterior Building	Storage Area	Gasoline Storage Tank	North	Solid	Metal	White	0	0.11	Negative	NA
38	Exterior Building	Storage Area	Diesel Storage Tank	North	Solid	Metal	Yellow	0	0.12	Negative	NA
39	Exterior Building	Storage Area	Old Machinery	North	Solid	Metal	Gray	0.03	0.06	Negative	NA
40	Exterior Building	Water Treatment Building	Door	North	Solid	Metal	Gray	0.09	0.22	Negative	NA
41	Exterior Building	Water Treatment Building	Wall	North	Solid	Concrete	gray	0	0.14	Negative	NA
42	Exterior Building	Water Treatment Building	Overhead Door	NA	Solid	Metal	Brown	0.08	0.09	Negative	NA
43	Exterior Building	Water Treatment Building	Wall	West	Solid	Concrete	White	0	0.09	Negative	NA
44	Exterior Building	Water Treatment Building	Door	NA	Solid	Metal	Gray	0.06	0.13	Negative	NA
45	Exterior Building	Water Treatment Building Yard	Control Panel	South	Solid	Metal	gray	0.06	0.33	Negative	NA
46	Exterior Building	Water Treatment Building Yard	Water Treatment Columns	East	Solid	Metal	White	0.01	0.24	Negative	NA

Table 3.1. Lead-Based Paint Survey  
 Harry S. Truman Animal Import Center  
 U.S. Department of Agriculture  
 Flaming Key, Florida  
 May 17-18, 1999

47	Exterior Building	Water Treatment Building Yard	Waste Storage North Lagoon	East	Solid	Concrete	White	0	0.12	Negative	NA
48	Exterior Building	Water Treatment Building Yard	Waste Storage South Lagoon	East	Solid	Concrete	White	0.03	0.01	Negative	NA
49	Exterior Building	Barn	Building Column	West	Solid	Concrete	White	0	0.14	Negative	NA
50	Exterior Building	Barn	Door	NA	Solid	Metal	gray	0.05	0.13	Negative	NA
51	Exterior Building	Water Treatment Building Yard	Storage Tank	West	Solid	Concrete	White	0.06	0.25	Negative	NA
52	Exterior Building	Yard	Fire Hydrant	West	Solid	Metal	Red	0.44	0.03	Negative	NA
53	Exterior Building	Barn	Roof Ladder	West	Solid	Metal	Yellow	0	0.14	Negative	NA
54	Exterior Building	Barn	Roof Vent (square)	West	Solid	Metal	Brown	0.03	0.14	Negative	NA
55	Exterior Building	Barn	Roof Vent (Round)	West	Solid	Metal	Brown	0	0	Negative	NA
56	Exterior Building	Barn	Roof Vent #30	West	Solid	Metal	Brown	0.01	0.09	Negative	NA
57	Exterior Building	Barn	Wall	South	Solid	Concrete	White	0.01	0	Negative	NA
58	Exterior Building	Barn	Roof Fan Housing #34	South/East	Solid	Metal	Brown	0	0	Negative	NA
59	Exterior Building	Barn	Building Structure Roof	North	Solid	Concrete	White	0	0	Negative	NA
60	Exterior Building	Barn	Roof Vent (square)	North	Solid	Metal	Brown	0.03	0.13	Negative	NA
61	Exterior Building	Barn	Incinerator Vent	North	Solid	Metal	Brown	0	0.02	Negative	NA
62	Exterior Building	Shore Line	No Diving Sign	East	Solid	Metal	Red	0	0.07	Negative	NA
63	Exterior Building	Shore Line	No Diving Sign	East	Solid	Metal	White	0.06	0.28	Negative	NA
64	Calibration	1.0 + - 0.1	Calibration	---	---	---	---	0.89	0.04	---	---
65	Calibration	3.5 + - 0.3	Calibration	---	---	---	---	3.51	0.49	---	---
66	Calibration	0	Calibration	---	---	---	---	0.01	0.17	---	---
67	Interior Building	Vet's Office	Wall	East	Solid	Drywall	Tan	0	0.06	Negative	NA
68	Interior Building	Vet's Office	Wall	North	Solid	Drywall	Tan	0.07	0.28	Negative	NA
69	Interior Building	Vet's Office	Wall	West	Solid	Drywall	Tan	0.1	0.22	Negative	NA
70	Interior Building	Vet's Office	Wall	South	Solid	Drywall	Tan	0.01	0.25	Negative	NA
71	Interior Building	Vet's Office	Door Frame	NA	Solid	Metal	Brown	0.02	0.2	Negative	NA
72	Interior Building	Main Hall	Wall	North	Solid	Drywall	Tan	0	0.2	Negative	NA
73	Interior Building	Main Hall	Wall	East	Solid	Drywall	Tan	>.09	---	Inconclusive	---
74	Interior Building	Main Hall	Wall	South	Solid	Drywall	Tan	0	0.17	Negative	NA
75	Interior Building	Main Hall	Wall	West	Solid	Drywall	Tan	0	0.13	Negative	NA
76	Interior Building	Main Hall	Closet Door	NA	Solid	Wood	White	0	0	Negative	NA
77	Interior Building	Main Hall	Closet Interior Wall	South	Solid	Drywall	Yellow	0	0.04	Negative	NA
78	Interior Building	Copy Room	Wall	North	Solid	Drywall	Tan	0.01	0	Negative	NA
79	Interior Building	Copy Room	Wall	West	Solid	Drywall	Tan	0	0.22	Negative	NA
80	Interior Building	Copy Room	Wall	South	Solid	Drywall	Tan	0	0	Negative	NA
81	Interior Building	Copy Room	Wall	East	Solid	Drywall	Tan	0.01	0	Negative	NA
82	Interior Building	Copy Room	Door Frame	NA	Solid	Metal	Brown	0.01	0.05	Negative	NA
83	Interior Building	A/C Room	Duct Work	South	Solid	Metal	White	0.03	0.22	Negative	NA
84	Interior Building	A/C Room	Wall	East	Solid	Block	White	0.05	0.19	Negative	NA
85	Interior Building	A/C Room	Wall	North	Solid	Drywall	White	0	0.14	Negative	NA
86	Interior Building	A/C Room	Ceiling	North	Solid	Concrete	White	0.04	0.22	Negative	NA
87	Interior Building	A/C Room	Roof Hatch	NA	Solid	Metal	Tan	0	0	Negative	NA
88	Interior Building	A/C Room	Roof Ladder	NA	Solid	Metal	Tan	0.26	0.47	Negative	NA
89	Interior Building	A/C Room	Wall	West	Solid	Drywall	Tan	0	0.03	Negative	NA
90	Interior Building	Administrative Office	Wall	East	Solid	Drywall	Tan	0.03	0.02	Negative	NA
91	Interior Building	Administrative Office	Wall	North	Solid	Drywall	Tan	0	0.19	Negative	NA
92	Interior Building	Administrative Office	Wall	South	Solid	Drywall	Tan	0	0.17	Negative	NA
93	Interior Building	Administrative Office	Wall	West	Solid	Drywall	Tan	0.01	0.19	Negative	NA
94	Interior Building	Administrative Office	Door Frame	NA	Solid	Metal	Brown	0.01	0.08	Negative	NA
95	Interior Building	Postage Room	Wall	East	Solid	Drywall	Tan	0	0	Negative	NA

Table 3.1. Lead-Based Paint Survey  
 Harry S. Truman Animal Import Center  
 U.S. Department of Agriculture  
 Fleming Key, Florida  
 May 17-18, 1999

96	Interior Building	Postage Room	Wall	South	Solid	Drywall	Tan	0.01	0.04	Negative	NA
97	Interior Building	Postage Room	Wall	West	Solid	Drywall	Tan	0.01	0.19	Negative	NA
98	Interior Building	Postage Room	Wall	North	Solid	Drywall	Tan	0	0.01	Negative	NA
99	Interior Building	Postage Room	Door Frame	NA	Solid	Metal	Brown	0.1	0.03	Negative	NA
100	Interior Building	Office Supply Room	Wall	South	Solid	Drywall	Green	0.01	0.18	Negative	NA
101	Interior Building	Office Supply Room	Wall	North	Solid	Drywall	Green	>.09	--	Inconclusive	--
102	Interior Building	Office Supply Room	Wall	North	Solid	Drywall	Green	0	0.01	Negative	NA
103	Interior Building	Office Supply Room	Wall	East	Solid	Drywall	Green	0.02	0.24	Negative	NA
104	Interior Building	Office Supply Room	Wall	West	Solid	Drywall	White	0	0.19	Negative	NA
105	Interior Building	Office Supply Room	Shelving	East	Solid	Wood	White	0.04	0.19	Negative	NA
106	Interior Building	Men's Locker Room	Ceiling	East	Solid	Drywall	White	0	0.17	Negative	NA
107	Interior Building	Men's Locker Room	Shelving	West	Solid	Wood	White	0.13	0.21	Negative	NA
108	Interior Building	Women's Locker Room	Wall	South	Solid	Drywall	Tan	0	0.19	Negative	NA
109	Interior Building	Women's Locker Room	Wall	East	Solid	Drywall	Blue	0.08	0.25	Negative	NA
110	Interior Building	Women's Locker Room	Wall	North	Solid	Drywall	Tan	0	0.18	Negative	NA
111	Interior Building	Women's Locker Room	Wall	West	Solid	Drywall	Tan	0	0.17	Negative	NA
112	Interior Building	Women's Locker Room	Door Frame	NA	Solid	Metal	Brown	0	0	Negative	NA
113	Interior Building	Women's Locker Room	Toilet Stall Door	NA	Solid	Wood	Blue	0	0	Negative	NA
114	Interior Building	Women's Locker Room	Ceiling	East	Solid	Drywall	White	0	0	Negative	NA
115	Interior Building	Janitors Closet	Wall	North	Solid	Drywall	Green	0	0.02	Negative	NA
116	Interior Building	Janitors Closet	Wall	South	Solid	Drywall	Tan	0.01	0.21	Negative	NA
117	Interior Building	Janitors Closet	Wall	West	Solid	Drywall	Tan	0.01	0.18	Negative	NA
118	Interior Building	Janitors Closet	Wall	East	Solid	Drywall	Tan	0.01	0	Negative	NA
119	Interior Building	Janitors Closet	Door Frame	NA	Solid	Metal	Brown	0	0	Negative	NA
120	Interior Building	Women's Rest Room	Wall	East	Solid	Drywall	Tan	0.07	0.19	Negative	NA
121	Interior Building	Women's Rest Room	Wall	West	Solid	Drywall	Tan	0	0	Negative	NA
122	Interior Building	Women's Rest Room	Wall	North	Solid	Drywall	Tan	0.03	0.17	Negative	NA
123	Interior Building	Women's Rest Room	Wall	South	Solid	Drywall	Tan	0.04	0.02	Negative	NA
124	Interior Building	Women's Rest Room	Ceiling	North	Solid	Drywall	Tan	>.09	--	Inconclusive	--
125	Interior Building	Women's Rest Room	Ceiling	North	Solid	Drywall	Tan	0	0.18	Negative	NA
126	Interior Building	Men's Rest Room	Wall	South	Solid	Drywall	Tan	0	0	Negative	NA
127	Interior Building	Men's Rest Room	Wall	North	Solid	Drywall	Tan	0.04	0.26	Negative	NA
128	Interior Building	Men's Rest Room	Ceiling	North	Solid	Drywall	Tan	0	0.11	Negative	NA
129	Interior Building	Men's Rest Room	Wall	West	Solid	Drywall	Tan	0.02	0.23	Negative	NA
130	Interior Building	Men's Rest Room	Wall	East	Solid	Drywall	Tan	0	0.03	Negative	NA
131	Interior Building	Men's Rest Room	Door Frame	NA	Solid	Metal	Brown	0.01	0.02	Negative	NA
132	Interior Building	Rm Between Main Hall &	Wall	West	Solid	Drywall	Green	0	0.07	Negative	NA
133	Interior Building	Rm Between Main Hall &	Wall	East	Solid	Drywall	White	0.02	0.18	Negative	NA
134	Interior Building	Rm Between Main Hall &	Wall	North	Solid	Drywall	White	0.01	0.23	Negative	NA
135	Interior Building	Rm Between Main Hall &	Wall	South	Solid	Drywall	Green	0	0.21	Negative	NA
136	Interior Building	Rm Between Main Hall &	Door	NA	Solid	Wood	White	0	0	Negative	NA
137	Interior Building	Laundry Room	Wall	North	Solid	Drywall	Tan	0.04	0.31	Negative	NA
138	Interior Building	Laundry Room	Wall	South	Solid	Drywall	Tan	0.02	0.21	Negative	NA
139	Interior Building	Laundry Room	Wall	West	Solid	Drywall	Tan	0	0.2	Negative	NA
140	Interior Building	Laundry Room	Wall	East	Solid	Drywall	Tan	0	0.01	Negative	NA
141	Interior Building	Laundry Room	Ceiling	NA	Solid	Drywall	White	0.02	0.01	Negative	NA
142	Interior Building	Laboratory	Wall	South	Solid	Drywall	Tan	0	0.04	Negative	NA
143	Interior Building	Laboratory	Wall	East	Solid	Drywall	Tan	0	0.16	Negative	NA
144	Interior Building	Laboratory	Wall	West	Solid	Drywall	Tan	>.12	--	Inconclusive	--

Table 3.1. Lead-Based Paint Survey  
 Harry S. Truman Animal Import Center  
 U.S. Department of Agriculture  
 Fleming Key, Florida  
 May 17-18, 1999

145	Interior Building	Laboratory	Wall	West	Solid	Drywall	Tan	0.01	0	Negative	NA
146	Interior Building	Laboratory	Wall	North	Solid	Drywall	Tan	0.01	0.21	Negative	NA
147	Interior Building	Laboratory	Ceiling	NA	Solid	Drywall	Tan	0	0.1	Negative	NA
148	Interior Building	Laboratory	Door Frame	NA	Solid	Metal	Brown	0.01	0.03	Negative	NA
149	Interior Building	Men's Locker Room	Wood Closet	NA	Solid	Wood	Red	0	0	Negative	NA
150	Interior Building	Men's Locker Room	Closet Shelves	NA	Solid	Wood	White	0.02	0.07	Negative	NA
151	Interior Building	Men's Locker Room	Bench	NA	Solid	Wood	White	0	0	Negative	NA
152	Interior Building	Break Room	Wall	West	Solid	Drywall	Blue	0.01	0.2	Negative	NA
153	Interior Building	Break Room	Wall	South	Solid	Drywall	Blue	0	0.15	Negative	NA
154	Interior Building	Break Room	Wall	North	Solid	Drywall	Blue	0	0.08	Negative	NA
155	Interior Building	Break Room	Wall	East	Solid	Drywall	Blue	0.02	0.23	Negative	NA
156	Interior Building	Break Room	Ceiling	NA	Solid	Drywall	White	0	0.16	Negative	NA
157	Interior Building	Break Room	Door Frame	NA	Solid	Metal	Brown	0	0.01	Negative	NA
158	Interior Building	Break Room	Shelves	NA	Solid	Wood	Blue	0	0	Negative	NA
159	Interior Building	Office	Wall	South	Solid	Drywall	Tan	0	0	Negative	NA
160	Interior Building	Office	Wall	North	Solid	Drywall	Tan	0	0.13	Negative	NA
161	Interior Building	Office	Wall	East	Solid	Drywall	Tan	0	0.16	Negative	NA
162	Interior Building	Office	Wall	West	Solid	Drywall	Tan	0.02	0.24	Negative	NA
163	Interior Building	Office	Ceiling	NA	Solid	Drywall	White	>.11	---	Inconclusive	---
164	Interior Building	Office	Door Frame	NA	Solid	Metal	Brown	0	0	Negative	NA
165	Interior Building	Office	Ceiling	NA	Solid	Drywall	White	0	0.06	Negative	NA
166	Interior Building	Office	Shelves	NA	Solid	Wood	White	0.01	0.19	Negative	NA
167	Interior Building	Hall	Door	NA	Solid	Metal	Brown	0	0.02	Negative	NA
168	Interior Building	Barn	Wall	North	Solid	Plywood	White	0.03	0.08	Negative	NA
169	Interior Building	Barn	Door	NA	Solid	Plywood	Red	0.07	0.17	Negative	NA
170	Interior Building	Barn	Stand-Pipe	NA	Solid	Metal	Red	0.12	0.1	Negative	NA
171	Interior Building	Barn	Fire Hose Box	NA	Solid	Metal	Red	0.03	0.03	Negative	NA
172	Interior Building	Barn	wall	North	Solid	Block	White	0.01	0.13	Negative	NA
173	Interior Building	Barn	Wall	East	Solid	Block	White	0.01	0.06	Negative	NA
174	Interior Building	Barn	Wall	West	Solid	Block	Orange	0.02	0.25	Negative	NA
175	Interior Building	Barn	Wall	South	Solid	Block	White	0.02	0.25	Negative	NA
176	Interior Building	Barn	Window Frame	NA	Solid	Metal	Brown	0	0.07	Negative	NA
177	Interior Building	Barn	Door	NA	Solid	Metal	Brown	0.05	0.23	Negative	NA
178	Interior Building	Barn	Office	East	Solid	concrete	Tan	0	0.01	Negative	NA
179	Interior Building	Barn	Office	South	Solid	concrete	Tan	0.06	0.05	Negative	NA
180	Interior Building	Barn	Office	West	Solid	concrete	Tan	0.01	0.15	Negative	NA
181	Interior Building	Barn	Floor	NA	Solid	concrete	Orange	0.07	0.22	Negative	NA
182	Interior Building	Barn	Pillar	NA	Solid	concrete	Yellow	0.02	0.14	Negative	NA
183	Interior Building	Barn	Pillar	NA	Solid	concrete	Yellow	0.09	0.28	Negative	NA
184	Interior Building	Barn	Stair Railing	NA	Solid	Metal	Red	0.12	0.12	Negative	NA
185	Interior Building	Barn	Wall	North	Solid	Plywood	Tan	0.01	0	Negative	NA
186	Interior Building	Barn	Stand-Pipe	NA	Solid	Metal	Red	0.03	0.07	Negative	NA
187	Interior Building	Barn	Overhead Door	NA	Solid	Metal	Brown	0.04	0.29	Negative	NA
188	Interior Building	Barn	Workshop Wall	East	Solid	concrete	Tan	0.01	0.25	Negative	NA
189	Interior Building	Barn	Workshop Wall	North	Solid	Block	Tan	0.01	0.19	Negative	NA
190	Interior Building	Barn	Workshop Wall	West	Solid	concrete	Tan	0	0.2	Negative	NA
191	Interior Building	Barn	Tank Room	Tank	Solid	Metal	White	0.01	0.08	Negative	NA
192	Interior Building	Barn	Wall	East	Solid	concrete	Tan	0.01	0.17	Negative	NA
193	Interior Building	Barn	Wall	North	Solid	concrete	Tan	0.03	0.25	Negative	NA

Table 3.1. Lead-Based Paint Survey  
 Harry S. Truman Animal Import Center  
 U.S. Department of Agriculture  
 Fleming Key, Florida  
 May 17-18, 1999

194	Interior Building	Barn	Wall	West	Solid	Block	Tan	>.11	--	Inconclusive	--
195	Interior Building	Barn	Wall	West	Solid	Block	Tan	0.02	0.25	Negative	NA
196	Interior Building	Barn	Fire Pump Control Box	NA	Solid	Metal	Red	0.7	0.13	Negative	NA
197	Interior Building	Barn	Stand-Pipe	NA	Solid	Metal	Red	0.05	0.08	Negative	NA
198	Interior Building	Barn	Generator Room Wall	North	Solid	concrete	Tan	0.01	0.23	Negative	NA
199	Interior Building	Barn	Wall	West	Solid	concrete	Tan	0.02	0.27	Negative	NA
200	Interior Building	Barn	Wall	East	Solid	Block	Tan	0	0.09	Negative	NA
201	Interior Building	Barn	Wall	South	Solid	Block	Tan	0.15	0.27	Negative	NA
202	Interior Building	Barn	Generator	NA	Solid	Metal	Brown	0.75	0.16	Negative	NA
203	Interior Building	Barn	Fan Intake	NA	Solid	Metal	Brown	0.08	0.11	Negative	NA
204	Interior Building	Barn	Electrical Room	North	Solid	Block	Tan	0	0.15	Negative	NA
205	Interior Building	Barn	Electrical Room	East	Solid	Block	Tan	0.03	0.27	Negative	NA
206	Interior Building	Barn	Electrical Room	South	Solid	Block	Tan	0.01	0.19	Negative	NA
207	Interior Building	Barn	Electrical Room	West	Solid	concrete	Tan	0.08	0.23	Negative	NA
208	Interior Building	Barn	Electrical Control Box	NA	Solid	Metal	Red	0.44	0.07	Negative	NA
209	Interior Building	Barn	Column	West	Solid	concrete	Gray	0.01	0.26	Negative	NA
210	Interior Building	Barn	Autopsy Room	West	Solid	concrete	Tan	0.17	0.26	Negative	NA
211	Interior Building	Barn	Autopsy Room	South	Solid	Block	Tan	0	0.07	Negative	NA
212	Interior Building	Barn	Autopsy Room	North	Solid	Block	Tan	0.05	0.35	Negative	NA
213	Interior Building	Barn	Autopsy Room	East	Solid	concrete	Tan	0.05	0.19	Negative	NA
214	Interior Building	Barn	Autopsy Room Pipe	West	Solid	Metal	Tan	0	0.09	Negative	NA
215	Interior Building	Barn	Autopsy Room Door	East	Solid	Metal	Brown	0.05	0.11	Negative	NA
216	Interior Building	Barn	Wall	West	Solid	Block	Tan	0.09	0.25	Negative	NA
217	Interior Building	Barn	Men's Restroom Wall	West	Solid	Block	Red	>.16	--	Inconclusive	--
218	Interior Building	Barn	Men's Restroom Wall	South	Solid	Block	Tan	0.09	0.32	Negative	NA
219	Interior Building	Barn	Men's Restroom Wall	East	Solid	Block	Tan	0.05	0.31	Negative	NA
220	Interior Building	Barn	Men's Restroom Wall	North	Solid	Block	Tan	>.19	--	Inconclusive	--
221	Interior Building	Barn	Men's Restroom Wall	North	Solid	Block	Tan	0.06	0.26	Negative	NA
222	Interior Building	Barn	Men's Restroom Door	NA	Solid	Metal	Brown	0.02	0.25	Negative	NA
223	Interior Building	Barn	Women's Restroom Door	NA	Solid	Metal	Brown	0.05	0.11	Negative	NA
224	Interior Building	Barn	Women's Restroom Wall	West	Solid	Concrete	Blue	0.02	0.15	Negative	NA
225	Interior Building	Barn	Women's Restroom Wall	South	Solid	Block	Tan	0.04	0.27	Negative	NA
226	Interior Building	Barn	Overhead Door to Incinerator	NA	Solid	Metal	Brown	0	0.04	Negative	NA
227	Interior Building	Barn	Incinerator Room Control Panel	South	Solid	Metal	Gray	0.03	0.03	Negative	NA
228	Interior Building	Barn	Incinerator	Northeast	Solid	Metal	Gray	0.22	0.29	Negative	NA
229	Interior Building	Barn	Compactor	Southwest	Solid	Metal	Gray	0.27	0.16	Negative	NA
230	Interior Building	Barn	Bolt Box	Southwest	Solid	Metal	Gray	0	0	Negative	NA
231	Interior Building	Barn	Incinerator Room Door	Southwest	Solid	Metal	Gray	0.08	0.32	Negative	NA
232	Interior Building	Barn	Column	Southwest	Solid	Metal	Brown	0	0.04	Negative	NA
233	Interior Building	Barn	Fire Hose Cabinet	North Wall	Solid	Metal	Red	0.05	0.04	Negative	NA
234	Interior Building	Barn	Wall	East	Solid	Wood	White	0.05	0.09	Negative	NA
235	Interior Building	Barn	Window Frame	East	Solid	Wood	Red	0.03	0.04	Negative	NA
236	Interior Building	Barn	Wall	North	Solid	Wood	White	0	0.1	Negative	NA
237	Calibration	--	1.0 +/- 0.1	--	--	--	--	0.95	0.19	--	--
238	Calibration	--	3.5 +/- 0.3	--	--	--	--	3.6	0.32	--	--
239	Calibration	--	0	--	--	--	--	0.02	0.22	--	--
240	Interior Building	Garage	Wall	NA	Solid	Plywood	White	0	0.13	Negative	NA
241	Interior Building	Garage	Door Frame	NA	Solid	Metal	Brown	0	0.17	Negative	NA
242	Interior Building	Garage	Door	NA	Solid	Metal	Tan	0	0	Negative	NA

Table 3.1. Lead-Based Paint Survey  
 Harry S. Truman Animal Import Center  
 U.S. Department of Agriculture  
 Fleming Key, Florida  
 May 17-18, 1999

243	Exterior Building	West Property	Well Protective Pole	West	Solid	Metal	Yellow	0.02	0.19	Negative	NA
244	Exterior Building	West Property	Well Casing (SW)	West	Solid	Metal	Tan	2.38	0.37	Positive	2 Ft <sup>2</sup>
245	Exterior Building	West Property	Well Casing (NW)	West	Solid	Metal	Tan	0.83	0.09	Negative	NA
246	Exterior Building	West Property	Well Protective Pole	West	Solid	Metal	Yellow	0.02	0.19	Negative	NA
247	Exterior Building	West Property	Fence Post in Concrete	West	Solid	Metal	Red	0.81	0.1	Negative	NA
248	Exterior Building	Garage	Siding	South	Solid	Metal	White	0.04	0.03	Negative	NA
249	Exterior Building	West Property	Hurricane Shutters	West	Solid	Metal	White	0	0.15	Negative	NA
250	Exterior Building	West Property	Fire Call Box	West	Solid	Metal	Red	0.24	0.13	Negative	NA
251	Interior Building	Barn	Tool Rack	NA	Solid	Wood	Gray	0	0	Negative	NA
252	Interior Building	Barn	Air Compressor	NA	Solid	Metal	Green	>1.34	---	Inconclusive	---
253	Interior Building	Barn	Air Compressor	NA	Solid	Metal	Green	0.47	0.44	Negative	NA
254	Interior Building	Water Treatment Building	Wall	North	Solid	Block	White	0.04	0.31	Negative	NA
255	Interior Building	Water Treatment Building	Wall	West	Solid	Block	White	>0.17	---	Inconclusive	---
256	Interior Building	Water Treatment Building	Wall	West	Solid	Block	White	0.07	0.3	Negative	NA
257	Interior Building	Water Treatment Building	Wall	East	Solid	Block	White	0.03	0.27	Negative	NA
258	Interior Building	Water Treatment Building	Wall	South	Solid	Block	White	0.01	0.21	Negative	NA
259	Interior Building	Water Treatment Building	Tank	NA	Solid	Metal	Blue	0.01	0.06	Negative	NA
260	Interior Building	Water Treatment Building	Support	South	Solid	Metal	Green	0	0.12	Negative	NA
261	Interior Building	Water Treatment Building	Pipe	South	Solid	Metal	White	0	0.01	Negative	NA
262	Interior Building	Water Treatment Building	Wall	North	Solid	Block	White	0.05	0.32	Negative	NA
263	Interior Building	Water Treatment Building	Wall	West	Solid	Block	White	0.07	0.29	Negative	NA
264	Interior Building	Water Treatment Building	Wall	East	Solid	Block	White	0.11	0.33	Negative	NA
265	Interior Building	Water Treatment Building	Wall	South	Solid	Block	White	>0.17	---	Inconclusive	---
266	Interior Building	Water Treatment Building	Wall	South	Solid	Block	White	>0.22	---	Inconclusive	---
267	Interior Building	Water Treatment Building	Wall	South	Solid	Block	White	0.06	0.34	Negative	NA
268	Interior Building	Water Treatment Building	Window Frame	NA	Solid	Metal	Brown	0	0.16	Negative	NA
269	Interior Building	Water Treatment Building	Electrical Panel	NA	Solid	Metal	Gray	0.02	0.04	Negative	NA
270	Interior Building	Water Treatment Building	Door	NA	Solid	Metal	Gray	>0.54	---	Inconclusive	---
271	Interior Building	Water Treatment Building	Door	NA	Solid	Metal	Gray	0.07	0.15	Negative	NA
272	Interior Building	Water Treatment Building	Overhead Door	NA	Solid	Metal	Brown	>0.20	---	Inconclusive	---
273	Interior Building	Water Treatment Building	Overhead Door	NA	Solid	Metal	Brown	0.02	0.11	Negative	NA
274	Interior Building	Water Treatment Building	Wall	North	Solid	Block	White	0.09	0.38	Negative	NA
275	Interior Building	Water Treatment Building	Wall	South	Solid	Block	White	0.02	0.29	Negative	NA
276	Interior Building	Water Treatment Building	Wall	West	Solid	Block	White	0.1	0.36	Negative	NA
277	Interior Building	Water Treatment Building	Wall	East	Solid	Block	White	0.02	0.17	Negative	NA
278	Interior Building	Water Treatment Building	Window	NA	Solid	Metal	Brown	0.01	0	Negative	NA
279	Interior Building	Water Treatment Building	Door	NA	Solid	Metal	Gray	0.38	0.34	Negative	NA
280	Interior Building	Water Treatment Lab	Wall	North	Solid	Block	Tan	0.01	0.07	Negative	NA
281	Interior Building	Water Treatment Lab	Wall	West	Solid	Block	Red	0.14	0.26	Negative	NA
282	Interior Building	Water Treatment Lab	Wall	South	Solid	Block	Tan	0	0.03	Negative	NA
283	Interior Building	Water Treatment Lab	Wall	East	Solid	Block	Tan	0	0.11	Negative	NA
284	Interior Building	Water Treatment Lab	Column	NA	Solid	Concrete	Tan	0.01	0.04	Negative	NA
285	Interior Building	Water Treatment Lab	Electrical Panel	NA	Solid	Metal	Tan	>0.18	---	Inconclusive	---
286	Interior Building	Water Treatment Lab	Electrical Panel	NA	Solid	Metal	Tan	0.12	0.21	Negative	NA
287	Interior Building	Water Treatment Lab	Pipe	NA	Solid	Metal	Tan	0.06	0.24	Negative	NA
288	Interior Building	Water Treatment Lab	Pipe	NA	Solid	Metal	Red	0.13	0.27	Negative	NA
289	Interior Building	Water Treatment Lab Bath	Door Frame	NA	Solid	Metal	Brown	0	0.04	Negative	NA
290	Interior Building	Water Treatment Lab Bath	Door	NA	Solid	Metal	Brown	0	0.08	Negative	NA
291	Interior Building	Water Treatment Lab Bath	Bath Wall	North	Solid	Drywall	Tan	0.03	0.13	Negative	NA
292	Interior Building	Water Treatment Lab Bath	Bath Wall	West	Solid	Block	Tan	0.02	0.25	Negative	NA