FINAL

ENVIRONMENTAL COMPLIANCE ASSESSMENT REPORT

DEFENSE NATIONAL STOCKPILE CENTER DNSC-NEW HAVEN NEW HAVEN, INDIANA

Prepared for

U.S. Army Engineering and Support Center, Huntsville 4820 University Square Huntsville, Alabama 35816-1822 Attn: CEHNC-IS-FS

Prepared by:

Harding ESE, Inc. 404 SW 140th Terrace Newberry, Florida 32669-3000

June 2001

Harding ESE, Inc. DNSC-New Haven TEAM ECA Project Staff

Project Director Anthony J. Kwan, P.E.

Project Manager Michael D. Tootle, E.I.

Project Staff
Edith Fifer
David Sterling
Lori Williams

Report Production
Edith Fifer

TABLE OF CONTENTS

Section	<u>on</u>	<u>Page</u>
1.0	EXEC	JTIVE SUMMARY
2.0	BACK(2.1 2.2	Background
3.0	DNSC-	NEW HAVEN BACKGROUND6
4.0	SUMM	ARY OF FINDINGS6
5.0	5.1	ATORY COMPLIANCE STATUS 9 Air Emissions Management 9 5.1.1 Assessment Summary 9 5.1.2 Findings Summary 9
	5.2	Cultural Resources Management 9 5.2.1 Assessment Summary 9 5.2.2 Findings Summary 10
		Hazardous Materials Management 10 5.3.1 Assessment Summary 10 5.3.2 Findings Summary 10
		Hazardous Waste Management105.4.1 Assessment Summary105.4.2 Findings Summary10
	5.5	Natural Resources Management
	5.6	Other Environmental Issues 10 5.6.1 Environmental Impacts 10 5.6.1.1 Assessment Summary 10 5.6.1.2 Findings Summary 11
		5.6.2 Environmental Noise 11 5.6.2.1 Assessment Summary 11 5.6.2.2 Findings Summary 11 5.6.3 Installation Restoration Program 11
		5.6.3.1 Assessment Summary 11 5.6.3.2 Findings Summary 11 5.6.4 Pollution Prevention 11 5.6.4.1 Assessment Summary 11 5.6.4.2 Findings Summary 11
	:	5.6.5 Program Management

TABLE OF CONTENTS (continued)

5.7 Pesticide Management. 1 5.7.1 Assessment Summary 1 5.7.2 Findings Summary 1 5.8 Petroleum, Oil, and Lubricant (POL) Management 1 5.8.1 Assessment Summary 1 5.8.2 Findings Summary 1 5.9 Solid Waste Management 1 5.9.1 Assessment Summary 1 5.9.2 Findings Summary 1 5.9.1 Storage Tanks Management 1 5.10 Storage Tanks Management 1 5.10.1 Assessment Summary 1 5.10.2 Findings Summary 1 5.11.1 PCBs 1 5.11.1 PCBs 1 5.11.1.1 Assessment Summary 1 5.11.2.1 Findings Summary 1 5.11.2.1 Assessment Summary 1 5.11.3.1 Assessment Summary 1 5.11.4.1 Assessment Summary 1 5.11.2.2 Findings Summary 1 5.12.3 Vastewater Management 1 <t< th=""><th>Section</th><th><u>on</u></th><th>Page</th></t<>	Section	<u>on</u>	Page
5.7.1 Assessment Summary 1 5.7.2 Findings Summary 1 5.8 Petroleum, Oil, and Lubricant (POL) Management 1 5.8.1 Assessment Summary 1 5.8.2 Findings Summary 1 5.9 Solid Waste Management 1 5.9.1 Assessment Summary 1 5.9.2 Findings Summary 1 5.10 Storage Tanks Management 1 5.10.1 Assessment Summary 1 5.10.2 Findings Summary 1 5.10.1 PCBs 1 5.11.1 PCBs 1 5.11.1.2 Findings Summary 1 5.11.2.1 Assessment Summary 1 5.11.2.2 Findings Summary 1 5.11.3 Radon 1 5.11.3.1 Assessment Summary 1 5.11.3.2 Findings Summary 1 5.11.4 Lead-Based Paint 1 5.11.4.1 Assessment Summary 13 5.12 Wastewater Management 13 5.12.1 Assessment Summary 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary		5,7	Pesticide Management.
5.7.2 Findings Summary 1 5.8 Petroleum, Oil, and Lubricant (POL) Management 1 5.8.1 Assessment Summary 1 5.8.2 Findings Summary 1 5.9 Solid Waste Management 1 5.9.1 Assessment Summary 1 5.9.2 Findings Summary 1 5.10.1 Assessment Summary 1 5.10.2 Findings Summary 1 5.10.2 Findings Summary 1 5.11.1 PCBs 1 5.11.1.1 Assessment Summary 1 5.11.2.1 Findings Summary 1 5.11.2.2 Findings Summary 1 5.11.2.3 Assessment Summary 1 5.11.3.4 Assessment Summary 1 5.11.3.5 Findings Summary 1 5.11.4 Lead-Based Paint 1 5.11.4.1 Assessment Summary 1 5.11.4.2 Findings Summary 1 5.12.1 Assessment Summary 1 5.12.2 Findings Summary 1 5.12.1 Assessment Summary 1 5.12.2 Findings Summary 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13 5.13.1 Assess			5.7.1 Assessment Summary
5.8 Petroleum, Oil, and Lubricant (POL) Management 1 5.8.1 Assessment Summary 1 5.9 Solid Waste Management 1 5.9.1 Assessment Summary 1 5.9.2 Findings Summary 1 5.10 Storage Tanks Management 1 5.10.1 Assessment Summary 1 5.10.2 Findings Summary 1 5.11 Toxic Substances Management 1 5.11.1 PCBs 1 5.11.1 PCBs 1 5.11.1.1 Assessment Summary 1 5.11.2.1 Findings Summary 1 5.11.2.1 Assessment Summary 1 5.11.3.1 Assessment Summary 1 5.11.3.2 Findings Summary 1 5.11.4.1 Assessment Summary 1 5.12 Wastewater Management 13 5.12.1 Assessment Summary 13 5.12.2 Findings Summary 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13 <td></td> <td></td> <td>5.7.2 Findings Summary</td>			5.7.2 Findings Summary
5.8.1 Assessment Summary 1 5.8.2 Findings Summary 1 5.9 Solid Waste Management 1 5.9.1 Assessment Summary 1 5.9.2 Findings Summary 1 5.10 Storage Tanks Management 1 5.10.1 Assessment Summary 1 5.10.2 Findings Summary 1 5.11 Toxic Substances Management 1 5.11.1 PCBs 1 5.11.1.1 Assessment Summary 1 5.11.1.2 Findings Summary 1 5.11.2.1 Assessment Summary 1 5.11.2.2 Findings Summary 1 5.11.3.1 Assessment Summary 1 5.11.3.2 Findings Summary 1 5.11.4.1 Assessment Summary 1 5.11.4.2 Findings Summary 1 5.12 Wastewater Management 1 5.12.1 Assessment Summary 1 5.13 Water Quality Management 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13		5.8	Petroleum, Oil, and Lubricant (POL) Management
5.8.2 Findings Summary 1 5.9 Solid Waste Management 1 5.9.1 Assessment Summary 1 5.9.2 Findings Summary 1 5.10 Storage Tanks Management 1 5.10.1 Assessment Summary 1 5.10.2 Findings Summary 1 5.11 Toxic Substances Management 1 5.11.1 PCBs 1 5.11.1.2 Findings Summary 1 5.11.1.2 Findings Summary 1 5.11.2.1 Assessment Summary 1 5.11.2.2 Findings Summary 1 5.11.3 Radon 1 5.11.3.1 Assessment Summary 1 5.11.3.2 Findings Summary 1 5.11.4 Lead-Based Paint 1 5.11.4.1 Assessment Summary 1 5.11.4.2 Findings Summary 1 5.12 Wastewater Management 13 5.12.1 Assessment Summary 13 5.13 Water Quality Management 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13			5.8.1 Assessment Summary
5.9 Solid Waste Management 1 5.9.1 Assessment Summary 1 5.10 Storage Tanks Management 1 5.10.1 Assessment Summary 1 5.10.2 Findings Summary 1 5.11 Toxic Substances Management 1 5.11.1 PCBs 1 5.11.1 PCBs 1 5.11.1.2 Findings Summary 12 5.11.2.1 Findings Summary 12 5.11.2.1 Assessment Summary 12 5.11.3 Radon 12 5.11.3.1 Assessment Summary 12 5.11.3.2 Findings Summary 12 5.11.4 Lead-Based Paint 13 5.11.4.1 Assessment Summary 13 5.12 Wastewater Management 13 5.12.1 Assessment Summary 13 5.13 Mater Quality Management 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13			5.8.2 Findings Summary
5.9.2 Findings Summary 1 1 1 1 1 1 1 1 1		5.9	Solid Waste Management 12
5.9.2 Findings Summary 1 5.10 Storage Tanks Management 17 5.10.1 Assessment Summary 17 5.10.2 Findings Summary 17 5.11 Toxic Substances Management 17 5.11.1 PCBs 17 5.11.1.1 Assessment Summary 18 5.11.2.1 Findings Summary 17 5.11.2.1 Assessment Summary 18 5.11.2.2 Findings Summary 19 5.11.3 Radon 12 5.11.3.1 Assessment Summary 12 5.11.3.2 Findings Summary 12 5.11.4 Lead-Based Paint 13 5.11.4.1 Assessment Summary 13 5.12.2 Wastewater Management 13 5.12.1 Assessment Summary 13 5.12.2 Findings Summary 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13 5.13.2 Findings Summary 13			5.9.1 Assessment Summary
5.10 Storage Tanks Management 17 5.10.1 Assessment Summary 17 5.10.2 Findings Summary 17 5.11 Toxic Substances Management 17 5.11.1 PCBs 17 5.11.1.1 Assessment Summary 17 5.11.2.1 Findings Summary 17 5.11.2.1 Assessment Summary 12 5.11.2.2 Findings Summary 12 5.11.3 Radon 12 5.11.3.1 Assessment Summary 12 5.11.3.2 Findings Summary 12 5.11.4 Lead-Based Paint 12 5.11.4.1 Assessment Summary 13 5.12 Wastewater Management 13 5.12.1 Assessment Summary 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13 5.13.2 Findings Summary 13			5.9.2 Findings Summary
5.10.1 Assessment Summary 17 5.10.2 Findings Summary 17 5.11 Toxic Substances Management 17 5.11.1 PCBs 17 5.11.1.2 Findings Summary 12 5.11.2.1 Findings Summary 12 5.11.2.1 Assessment Summary 12 5.11.3 Radon 12 5.11.3 Radon 12 5.11.3 Pindings Summary 12 5.11.4 Lead-Based Paint 12 5.11.4.1 Assessment Summary 13 5.11.4.2 Findings Summary 13 5.12 Wastewater Management 13 5.12.1 Assessment Summary 13 5.13 Water Quality Management 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13 5.13.1 Pindings Summary 13 5.13.2 Findings Summary 13 5.13.2 Findings Summary 13		5.10	Storage Tanks Management 12
5.10.2 Findings Summary 12 5.11 Toxic Substances Management 12 5.11.1 PCBs 12 5.11.1.2 Findings Summary 12 5.11.2 Asbestos 12 5.11.2.1 Assessment Summary 12 5.11.2.2 Findings Summary 12 5.11.3 Radon 12 5.11.3.2 Findings Summary 12 5.11.4 Lead-Based Paint 13 5.11.4.1 Assessment Summary 13 5.12.1 Assessment Summary 13 5.12.1 Assessment Summary 13 5.12.2 Findings Summary 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13			5.10.1 Assessment Summary
5.11. Toxic Substances Management 12 5.11.1 PCBs 12 5.11.1.1 Assessment Summary 12 5.11.2 Findings Summary 12 5.11.2.1 Assessment Summary 12 5.11.2.2 Findings Summary 12 5.11.3 Radon 12 5.11.3.1 Assessment Summary 12 5.11.3.2 Findings Summary 12 5.11.4 Lead-Based Paint 13 5.11.4.2 Findings Summary 13 5.12 Wastewater Management 13 5.12.1 Assessment Summary 13 5.13.2 Findings Summary 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13			5.10.2 Findings Summary
5.11.1 PCBs 12 5.11.1.2 Findings Summary 12 5.11.2 Asbestos 12 5.11.2.1 Assessment Summary 12 5.11.2.2 Findings Summary 12 5.11.3 Radon 12 5.11.3.1 Assessment Summary 12 5.11.3.2 Findings Summary 12 5.11.4 Lead-Based Paint 13 5.11.4.1 Assessment Summary 13 5.12 Wastewater Management 13 5.12.1 Assessment Summary 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13		5.11	Toxic Substances Management
5.11.1.1 Assessment Summary 12 5.11.1.2 Findings Summary 12 5.11.2.1 Assessment Summary 12 5.11.2.2 Findings Summary 12 5.11.3 Radon 12 5.11.3.1 Assessment Summary 12 5.11.3.2 Findings Summary 12 5.11.4 Lead-Based Paint 13 5.11.4.1 Assessment Summary 13 5.12 Wastewater Management 13 5.12.1 Assessment Summary 13 5.13.2 Findings Summary 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13			5.11.1 PCBs
5.11.1.2 Findings Summary 12 5.11.2 Asbestos 12 5.11.2.1 Assessment Summary 12 5.11.2.2 Findings Summary 12 5.11.3 Radon 12 5.11.3.1 Assessment Summary 12 5.11.3.2 Findings Summary 13 5.11.4 Lead-Based Paint 13 5.11.4.1 Assessment Summary 13 5.12 Wastewater Management 13 5.12.1 Assessment Summary 13 5.12.2 Findings Summary 13 5.13 Water Quality Management 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13			5.11.1.1 Assessment Summary
5.11.2 Asbestos 12 5.11.2.1 Assessment Summary 12 5.11.2.2 Findings Summary 12 5.11.3 Radon 12 5.11.3.1 Assessment Summary 12 5.11.3.2 Findings Summary 12 5.11.4 Lead-Based Paint 13 5.11.4.1 Assessment Summary 13 5.12 Wastewater Management 13 5.12.1 Assessment Summary 13 5.12.2 Findings Summary 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13 5.13.2 Findings Summary 13			5.11.1.2 Findings Summary
5.11.2.1 Assessment Summary 12 5.11.2.2 Findings Summary 12 5.11.3 Radon 12 5.11.3.1 Assessment Summary 12 5.11.3.2 Findings Summary 12 5.11.4 Lead-Based Paint 13 5.11.4.1 Assessment Summary 13 5.12 Wastewater Management 13 5.12.1 Assessment Summary 13 5.12.2 Findings Summary 13 5.13 Water Quality Management 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13 5.13.2 Findings Summary 13			5.11.2 Asbestos
5.11.2.2 Findings Summary 12 5.11.3 Radon 12 5.11.3.1 Assessment Summary 12 5.11.3.2 Findings Summary 12 5.11.4 Lead-Based Paint 13 5.11.4.1 Assessment Summary 13 5.12 Wastewater Management 13 5.12.1 Assessment Summary 13 5.12.2 Findings Summary 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13 5.13.2 Findings Summary 13			5.11.2.1 Assessment Summary
5.11.3 Radon 12 5.11.3.1 Assessment Summary 12 5.11.3.2 Findings Summary 12 5.11.4 Lead-Based Paint 13 5.11.4.1 Assessment Summary 13 5.12 Wastewater Management 13 5.12.1 Assessment Summary 13 5.12.2 Findings Summary 13 5.13 Water Quality Management 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13	•		5.11.2.2 Findings Summary
5.11.3.1 Assessment Summary 12 5.11.3.2 Findings Summary 12 5.11.4 Lead-Based Paint 13 5.11.4.1 Assessment Summary 13 5.12 Wastewater Management 13 5.12.1 Assessment Summary 13 5.12.2 Findings Summary 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13 5.13.2 Findings Summary 13			5.11.3 Radon
5.11.3.2 Findings Summary 12 5.11.4 Lead-Based Paint 13 5.11.4.1 Assessment Summary 13 5.12 Wastewater Management 13 5.12.1 Assessment Summary 13 5.12.2 Findings Summary 13 5.13 Water Quality Management 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13			5.11.3.1 Assessment Summary
5.11.4 Lead-Based Paint 13 5.11.4.1 Assessment Summary 13 5.11.4.2 Findings Summary 13 5.12 Wastewater Management 13 5.12.1 Assessment Summary 13 5.12.2 Findings Summary 13 5.13 Water Quality Management 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13			5.11.3.2 Findings Summary
5.11.4.2 Findings Summary 13 5.12 Wastewater Management 13 5.12.1 Assessment Summary 13 5.12.2 Findings Summary 13 5.13 Water Quality Management 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13			5.11.4 Lead-Based Paint
5.12 Wastewater Management 13 5.12.1 Assessment Summary 13 5.12.2 Findings Summary 13 5.13 Water Quality Management 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13			5.11.4.1 Assessment Summary
5.12.1 Assessment Summary 13 5.12.2 Findings Summary 13 5.13 Water Quality Management 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13			5.11.4.2 Findings Summary
5.12.2 Findings Summary		5.12	Wastewater Management
5.13 Water Quality Management 13 5.13.1 Assessment Summary 13 5.13.2 Findings Summary 13			5.12.1 Assessment Summary
5.13.1 Assessment Summary		5 10	5.12.2 Findings Summary
5.13.2 Findings Summary		5.13	Water Quality Management
			5.13.1 Assessment Summary
6.0 FINDING SHEETS			5.13.2 Findings Summary
	6.0	FIND	ING SHEETS
7.0 REFERENCES	7.0	REFE	RENCES

TABLE OF CONTENTS (continued)

LIST OF TABLES

<u>Table</u>			<u>Page</u>
1-1	Summary of Findings	i	. 3
2-1	Points of Contact for Various Protocol Categories		5
4-1	Environmental Compliance Assessment Findings Summary Table		7

TABLE OF CONTENTS (continued)

LIST OF ACRONYMS

AST Aboveground Storage Tank
BNA Bureau of National Affairs

CEHNC U.S. Army Engineering and Support Center, Huntsville

CESQG Conditionally Exempt Small Quantity Generator

DLA Defense Logistics Agency

DLAM Defense Logistics Agency Manual DNSC Defense National Stockpile Center

DoD Department of Defense

DOT Department of Transportation

ECA Environmental Compliance Assessment

EPCRA Emergency Planning and Community Right-to-Know Act

H&S Health and Safety

IRP Installation Restoration Program

MP Management Practice
MSDS Material Safety Data Sheet

NEPA National Environmental Policy Act NFPA National Fire Protection Association

NOV Notice of Violation

NPDES National Pollutant Discharge Elimination System OSHA Occupational Safety and Health Administration

PCB Polychlorinated Biphenyl
POL Petroleum, Oil, and Lubricant

RCS Report Control Symbol SOW Statement of Work

SPCC Spill Prevention, Control, and Countermeasures (Plan)

SWP3 Storm Water Pollution Prevention Plan

TEAM The Environmental Assessment and Management (Guide)
USACERL U.S. Army Construction Engineering Research Laboratories

USDA U.S. Department of Agriculture UST Underground Storage Tank

1.0 EXECUTIVE SUMMARY

1.0.0.0.1 The U.S. Army Construction Engineering Research Laboratories (USACERL), in cooperation with Department of Defense (DoD) components, including the Defense Logistics Agency (DLA), developed The Environmental Assessment and Management (TEAM) Guide to evaluate compliance with Federal, state, and local environmental regulatory statutes and programs, and to identify solutions for existing or potential problems.

1.0.0.0.2 The overall mission is to improve DLA compliance with applicable environmental regulations, reduce the number of compliance deficiencies, and subsequently reduce the number of Notices of Violations (NOVs) from regulatory agencies. Results of the assessment help the facility address immediate problems and allocate resources for correction of long-term issues.

1.0.0.0.3 An Environmental Compliance Assessment (ECA) was conducted at the DLA's Defense National Stockpile Center (DNSC)-New Haven facility on 22 March 2001 by three personnel from Harding ESE, Inc., under contract to the U.S. Army Engineering and Support Center, Huntsville (CEHNC). The following documents were used to assess compliance:

- The TEAM Guide, September 2000;
- The Indiana Supplement to the TEAM Guide, June 2000;
- The DLA Supplement to the TEAM Guide, November 1994;
- Indiana regulations, prepared by The Bureau of National Affairs, Inc. (BNA), 2001.

1.0.0.0.4 For this ECA, thirteen protocol areas were reviewed, including: Air Emissions Management; Cultural Resources

Management; Hazardous Materials Management; Hazardous Waste Management; Natural Resources Management; Other Environmental Issues [National Environmental Policy Act (NEPA) process, Environmental Noise, Installation Restoration Program (IRP), Pollution Prevention, and Program Management]; Pesticide Management; Petroleum, Oil, and Lubricant (POL) Management; Solid Waste Management; Storage Tanks Management: Toxic Substances Management [polychlorinated biphenyls (PCBs), asbestos, radon, and lead-based paintl; Wastewater Management; and Water Quality Management (e.g., potable water).

1.0.0.0.5 Compliance was assessed using protocol statements based on applicable Federal, state, and local regulations, DLA regulations, and DoD Directives. A noncompliant protocol statement was noted by means of a negative finding sheet.

1.0.0.0.6 A particular practice or procedure which exceeds the requirement is noted through a positive finding sheet.

1.0.0.0.7 The ECA finding categories are based on the nature of the non-compliance and are described below:

- Class I: Noncompliance with an existing environmental regulation, compliance agreement, consent order, or operating/discharge permit. These may stem from Federal, state, or local requirements.
- Class II: Noncompliance with a future deadline in an environmental regulation, compliance agreement, or consent order. These may stem from Federal, state, or local requirements.
- Class III: Findings based on DLA regulations, DoD Directives, and management practices (MP).

- Health and Safety (H&S): Findings based on Occupational Safety and Health Administration (OSHA), U.S. Department of Transportation (DOT), and National Fire Protection Association (NFPA) as indicated in requirements column in the ECA protocol. H&S findings may be regulatory but are not part of the Report Control Symbol (RCS) 1383 reporting process and not eligible for environmental funding. H&S findings are not classified Class I, II, or III.
- <u>Significant Finding:</u> A finding subcategorized as significant requires immediate attention. It poses, or has high likelihood to pose, a direct and immediate threat to human health, safety, environment, or the mission.
- 1.0.0.0.8 Per the Statement of Work (SOW), this report contains only information concerning Class I regulatory findings.
- 1.0.0.0.9 Information on Class II, III, and H&S findings has been compiled as an addendum to the ECA report, and this addendum has been submitted directly to the Depot Manager. The addendum is not considered a part of the Draft ECA Report.
- 1.0.0.0.10 Class I findings were found in 3 of the 13 protocol sections and include: Emergency Planning and Community Right-to-Know Act (EPCRA) hazardous material inventory not completed; Spill Prevention, Control, and Countermeasures Plan (SPCCP) not updated to reflect changes; and Storm Water Pollution Prevention Plan (SWP3) annual compliance evaluation not completed.

- 1.0.0.0.11 Per the SOW, Class II, III, and H&S findings are not included in the report.
- **1.0.0.0.12** A summary of the number of findings in each protocol category is presented in Table 1-1.
- 1.0.0.0.13 The point of contact for the assessment is provided in Table 2-1.
- 1.0.0.0.14 Table 4-1 presents a summary of the findings by protocol area, including the category, criteria, condition, and status of corrective action of each finding.
- **1.0.0.0.15** Detailed finding sheets are presented in Section 6.0.
- 1.0.0.0.16 A list of references is included in Section 7.0.

Table 1-1.	Summary	of Findings
------------	---------	-------------

		I	II	III	H/S	III Positive
I	Air Emissions Management	0				
II	Cultural Resources Management	Ö			•	
III	Hazardous Materials Management	1				*
IV	Hazardous Waste Management	0		Class II	III, H&	2
V	Natural Resources Management	0	f	indings a		
	-		_		s report	Auded
VI	Other Environmental Issues				oroport	
	Environmental Impacts	0				
	Environmental Noise	0				
	Installation Restoration Program	0			-	
	Pollution Prevention	0				
	Program Management	0				
VII	Pesticide Management	0				
VIII	Petroleum, Oil, and Lubricant (POL) Management	1				
IX	Solid Waste Management	Ō				
X	Storage Tanks Management	0				
ΧI	Toxic Substances Management					
	Polychlorinated Biphenyls (PCBs)	0				
	Asbestos	0				
	Radon	Ö				
	Lead-Based Paint	0				
XII	Wastewater Management	1				
XIII	Water Quality Management	0				
	TOTALS	3		1.001.2002		

2.0 BACKGROUND AND SCOPE

2.0.0.0.1 The following sections describe the background and scope for the ECA and the procedures used to evaluate regulatory compliance at the DNSC-New Haven facility.

2.1 Background

- 2.1.0.0.1 The DLA developed the ECA to evaluate their compliance with environmental regulatory statutes and programs, and to identify solutions for existing or potential problems. The results of the assessment will help the facility address immediate problems and allocate resources for correction of long-term issues. The overall mission of this assessment is to improve DLA compliance with environmental regulations, reduce the number of compliance deficiencies and, subsequently, reduce the number of NOVs from regulatory agencies.
- 2.1.0.0.2 Under contract to CEHNC, Harding ESE conducted an independent ECA of the DLA's DNSC-New Haven facility to assess regulatory compliance with applicable Federal, state, and local environmental regulations for 13 compliance protocols. The assessment was performed by three Harding ESE personnel on 22 March 2001. The following documents were used to assess compliance:
 - The TEAM Guide, September 2000;
 - The Indiana Supplement to the Team Guide, June 2000;
 - The DLA Supplement to the Team Guide, November 1994;
- Indiana regulations, prepared by BNA, 2001.

- 2.1.0.0.3 The following 13 compliance protocols were assessed by Harding ESE personnel:
- 1 Air Emissions Management;
- 2 Cultural Resources Management;
- 3 Hazardous Materials Management;
- 4 Hazardous Waste Management;
- 5 Natural Resources Management;
- 6 Other Environmental Issues:
 - National Environmental Policy Act (NEPA) process,
 - Environmental Noise,
 - Installation Restoration Program (IRP),
 - Program Management, and
 - Pollution Prevention:
- 7 Pesticide Management;
- 8 Petroleum, Oil, and Lubricant (POL)
 Management;
- 9 Solid Waste Management;
- 10 Storage Tanks Management;
- 11 Toxic Substances Management:
 - Polychlorinated Biphenyls (PCBs),
 - Asbestos,
 - Radon, and
 - Lead-Based Paint:
- 12 Wastewater Management; and
- 13 Water Quality Management (potable water).

2.2 Scope

- 2.2.0.0.1 Assessment of DNSC-New Haven facility was accomplished through three separate tasks: Task 1-Preliminary Document Review/ECA Coordination; Task 2-Site Survey; and Task 3-ECA Report.
- 2.2.0.0.2 Task 1 involved a review of applicable environmental regulations and documents to become acquainted with the installation, a review of applicable documentation, and coordination of the upcoming assessment with DLA headquarters. In addition, state and local protocols were reviewed.

2.2.0.0.3 Task 2 included: an informal inbriefing with onsite personnel; the actual site survey during which onsite personnel were interviewed, records reviewed, and operations assessed for the entire Center; and a formal exit briefing at which a summary of the ECA results was discussed with the DLA Headquarters representative and Center Manager. The DNSC-New Haven point of contact is listed in Table 2-1.

2.2.0.0.4 Any incidence of non-compliance was recorded on a finding sheet. Each finding sheet contains the following information: finding location, protocol area, the type of finding, description of the non-compliant issue, the regulatory requirement in question, and other comments directly related to the finding. All the findings included in this report are ranked as Class I regulatory findings.

Т	Table 2-1. Point of Contact for Various Protocol Categories				
Name	Title	Protocol			
Fred Brooks	Center Manager	All			

3.0 DNSC-NEW HAVEN BACKGROUND

- 3.0.0.0.1 DNSC-New Haven is located 12 miles east of Fort Wayne, Indiana, and approximately 3 miles east of New Haven, IN, along State Road 14 which marks the southern boundary. DNSC-New Haven's mission is to procure, store, sell, and maintain strategic and critical materials for national defense. The depot is also responsible for five (5) satellite storage facilities located in: Batesville, Arkansas; Camden, Arkansas (2 sites); Pine Bluff, Arkansas; and Sharonville, Ohio.
- 3.0.0.0.2 DNSC-New Haven is located on Government-owned land and occupies an area of approximately 268 acres of land. A small industrial park lies to the north of the depot, a public park to the east, and farmland to the west. The Center has a combination of outdoors stockpiles of various materials, and storage buildings. There are approximately 30 buildings/warehouses; a number of these buildings are no longer in use.
- 3.0.0.3 Materials stored indoors in buildings/warehouses at the DNSC-New Haven include Antimony, Beryllium, Chromium, Cobalt, Columbium Carbide, Ferrochomium, Fluorspar, Graphite, Lead, Mercury, Mica, Rubber, Tannin, Tantalum Carbide, Tin, Tungsten, and Zinc.
- 3.0.0.0.4 All commodities in open storage currently located at the Center are subject to environmental compliance. These commodities include: Aluminum Oxide, Ferrochrome, Ferromanganese, Fluorspar, Lead, Tin, and Zinc.

4.0 SUMMARY OF FINDINGS

- 4.0.0.0.1 This section provides a summary of all Class I (i.e., regulatory findings) observed during the ECA. Table 4-1 addresses each finding by protocol area and cites the regulatory procedure and requirement for the finding. The table describes the condition observed and provides the status of corrective action.
- **4.0.0.0.2** Individual finding sheets, which provide detailed finding descriptions, are provided in Section 6.0 of this report.

7

		Table 4-1	1. Environmental Compliance Assessment Fi	ndings Summary Table	
Finding ID	Protocol Area	Class	Criteria	Condition	Status of Corrective Action
A-001	3-Hazardous Materials Management	I	[HM.30.2] Facilities, that are required to prepare or have available an MSDS for a hazardous chemical under OSHA, are required to meet specific inventory reporting requirements for planning purposes [EO 13148, Sec. 501; 40 CFR 370.20(a), 370.20(b), 370.20(d), 370.25, and 370.28	The EPCRA Compliance Guide and Checklist indicates New Haven as a site that requires Emergency Planning and Community Right-to-Know (EPCRA) reporting by March 1, 2001, based on the types of commodities stored there (i.e., mercury, lead, etc.). As of the date of the assessment, the Center did not have documentation that the reporting had been completed.	Open
A-002	8-POL Management	I	[PO.5.6] Each SPCC plan must be reviewed at least once every 3 years [40 CFR 112.1(d) and 112.5(b)]	The Spill Prevention, Control, and Countermeasures Plan (SPCCP) has not been updated to reflect changes in the UST program.	Open
A-003	12-Wastewater Management	I	[WA.10.3] Dischargers of stormwater associated with an industrial activity are required to apply for an individual permit, apply for a permit through a group application, or seek coverage under a promulgated stormwater general permit [40 CFR 122.26(c) and 122.26(g)].	Storm Water Pollution Prevention Plan (SWP3) requires annual site compliance evaluation. The evaluation was performed in October 1998 and November 1999, but has not been accomplished in 2000.	Open

····	I	able 4-1. Environme	ntal Compliance Assessment Findin	igs Summary Table (continued)	
Finding ID	Protocol Area	Class	Criteria	Condition	Status of Corrective Action
Notes:					
Class:					
I	Noncon	npliance with an existi These may stem from	ing environmental regulation, compli n Federal, state, or local requirement	ance agreement, consent order, or	operating/discharge
	permit.	amobe may been from	ii redetat, state, of local requirement	is.	-F88-
Status		inote may been from	ii redetal, state, or local requirement		- F
Status Correc		inese may been from	ir redetal, state, or local requirement		- Faranaga
	of ctive Action Finding Finding	has not been addresse	ed, ut corrective action is not complete,		

5.0 REGULATORY COMPLIANCE STATUS

- 5.0.0.0.1 This section provides the onsite assessment summary and findings for the 13 regulatory protocol areas addressed during the DNSC-New Haven ECA (protocol areas are listed in Section 2.0 of this report).
- 5.0.0.0.2 In the following sections, the assessment summary describes the facilities inspected and the records reviewed. No physical or chemical samples were taken as part of this assessment. The findings summary describes the overall compliance status of each protocol area.
- **5.0.0.0.3** Individual finding sheets for each protocol are provided in Section 6.0 of this report. The findings documented in this report are classified as Class I.
- 5.0.0.4 Findings classified as Class II, Class III, and H&S were provided as an addendum with this document, but are not considered a part of the draft report.
- 5.0.0.4 Class I Findings: Immediate noncompliance with an existing environmental regulation, compliance agreement, consent order, operating/discharge permit or existing NOV.
- **5.0.0.0.5** Class II Findings: Future noncompliance with an environmental regulation, compliance agreement, consent order, or an existing NOV.
- **5.0.0.0.6** Class III Findings: Findings for which there are no specific Federal, state, or local regulatory requirements. These findings will include deviations from DLA regulations, DoD directives, or MPs.
- 5.0.0.0.7 H&S Findings: These findings are related to OSHA, DOT, and NFPA. Most H&S findings are in the Hazardous Materials Management (e.g., Section 3) protocol.

- H&S findings may be regulatory but are not part of the RCS 1383 reporting process and not eligible for environmental funding. H&S findings are not classified as Class I, II, or III.
- 5.0.0.0.8 <u>Significant Finding</u>: A finding sub-categorized as significant requires immediate attention. It poses, or has a high likelihood to pose, a direct and immediate threat to human health, safety, the environment, or the mission.

5.1 Air Emissions Management

5.1.1 Assessment Summary

5.1.1.0.1 DNSC-New Haven operates a variety of operations which result in the emission of air pollutants. Air emission sources include aboveground storage tanks (ASTs), underground storage tanks (USTs), and boilers.

5.1.2 Findings Summary

5.1.2.0.1 There were no findings for this protocol.

5.2 Cultural Resources Management

5.2.1 Assessment Summary

- 5.2.1.0.1 The DLA study "Examination of Natural and Cultural Resource Management Needs at DLA-Managed Sites" (KPMG Peat Marwick, 1996), has identified that there is no need for an Integrated Cultural Resources Survey and/or Management Plan.
- 5.2.1.0.2 A "Cultural Resources Assessment for Defense National Stockpile Center, New Haven, Indiana" (USDA Forest Service, 1999) determined that there are no structures, buildings, or objects that appear eligible for listing either as a district or as individual buildings. No prehistoric archeological resources were discovered. No archeological investigations are currently recommended.

5.2.2 Findings Summary

5.2.2.0.1 There were no findings for this protocol.

5.3 Hazardous Materials Management

5.3.1 Assessment Summary

5.3.1.0.1 DNSC-New Haven utilizes a number of warehouses to receive and store various hazardous materials. All warehouses and buildings that store or use hazardous materials were assessed during the audit. Hazardous material storage cabinets were audited, Material Safety Data Sheets (MSDSs), training records, emergency spill response plans, and handling procedures were reviewed.

5.3.2 Findings Summary

5.3.2.0.1 The overall compliance of hazardous material management was good.

5.3.2.0.2 The EPCRA Compliance Guide and Checklist indicates New Haven as a site that requires EPCRA reporting by March 1, 2001, based on the types of commodities stored there (i.e., mercury, lead, etc.). As of the date of the assessment, the Center did not have the documentation that the reporting had been completed.

5.4 Hazardous Waste Management

5.4.1 Assessment Summary

5.4.1.0.1 DNSC-New Haven is a Conditionally Exempt Small Quantity Generator (CESQG). The hazardous waste management activities conducted at the facility consist of hazardous waste generation, hazardous waste storage, and shipment of waste for offsite treatment, recycling, or disposal. There are currently no hazardous waste treatment or disposal units at the Center.

5.4.2 Findings Summary

5.4.2.0.1 There were no findings for this protocol.

5.5 Natural Resources Management

5.5.1 Assessment Summary

5.5.1.0.1 The DLA study "Examination of Natural and Cultural Resource Management Needs at DLA-Managed Sites" (KPMG Peat Marwick, 1996) has identified that there is no need for a Natural Resources Survey and/or Management Plan.

5.5.1.0.2 The "Natural Resources Assessment for DNSC, New Haven, Indiana" (USDA Forest Service, 1998) identified no management objectives needed to improve compatibility of mission activities with natural resources.

5.5.2 Findings Summary

5.5.2.0.1 There were no findings for this protocol.

5.6 Other Environmental Issues

5.6.0.0.1 The Other Environmental Issues Protocol is comprised of five issues: Environmental Impacts (NEPA process), environmental noise, Installation Restoration Program (IRP), pollution prevention, and program management. Each of these areas is addressed separately within this section.

5.6.1 Environmental Impacts

5.6.1.1 Assessment Summary

5.6.1.1.1 DNSC-New Haven is following all procedures for complying with the National Environmental Policy Act (NEPA).

5.6.1.2 Findings Summary

5.6.1.2.1 There were no findings for this protocol.

5.6.2 Environmental Noise

5.6.2.1 Assessment Summary

5.6.2.1.1 There are no flight operations at DNSC-New Haven.

5.6.2.2 Findings Summary

5.6.2.2.1 There were no findings for this protocol.

5.6.3 Installation Restoration Program (IRP)

5.6.3.1 Assessment Summary

5.6.3.1.1 The IRP is a program to identify, characterize, and where necessary, remediate sites that have been contaminated by past land uses and that may currently pose a threat to human health or the environment.

5.6.3.1.2 Contamination assessments have been performed for DNSC-New Haven. A Final Preliminary Assessment, New Haven Depot, was prepared in January 1999. A Final Focus Site Investigation Report was prepared in February 2001.

5.6.3.1.3 The site investigations sampled soil, sediment, and surface water for evidence of past contamination from stockpile activities. Further investigations are continuing.

5.6.3.2 Findings Summary

5.6.3.2.1 There were no findings for this protocol.

5.6.4 Pollution Prevention

5.6.4.1 Assessment Summary

5.6.4.1.1 There are no regularly conducted industrial activities at DNSC-New Haven.

5.6.4.2 Findings Summary

5.6.4.2.1 There were no findings for this protocol.

5.6.5 Program Management

5.6.5.1 Assessment Summary

5.6.5.1.1 The Center manager is responsible for all environmental issues at DNSC-New Haven.

5.6.5.2 Findings Summary

5.6.5.2.1 There were no findings for this protocol.

5.7 <u>Pesticide Management</u>

5.7.1 Assessment Summary

5.7.1.0.1 There are no pesticides or herbicides stored or mixed at the Center. A Pest Management Plan is in effect for the DNSC-New Haven, which states that all pest management services will be provided through purchase order contracts with local companies, or performed by trained Depot personnel.

5.7.2 Findings Summary

5.7.2.0.1 There were no findings for this protocol.

5.8 Petroleum, Oil, and Lubricant (POL) Management

5.8.1 Assessment Summary

5.8.1.0.1 DNSC-New Haven maintains ASTs, and USTs.

5.8.2 Findings Summary

5.8.2.0.1 The Spill Prevention, Control, and Countermeasures Plan has not been updated to reflect changes in the UST program.

5.9 Solid Waste Management

5.9.1 Assessment Summary

5.9.1.0.1 The limited solid waste collection and disposal program is handled by contract.

5.9.2 Findings Summary

5.9.2.0.1 There were no findings for this protocol.

5.10 Storage Tanks Management

5.10.1 Assessment Summary

5.10.1.0.1 DNSC-New Haven maintains ASTs, and USTs.

5.10.2 Findings Summary

5.10.2.0.1 There were no findings for this protocol.

5.11 Toxic Substances Management

5.11.0.0.1 The Toxic Substances Management protocol consists of four issues: PCBs, Asbestos, Radon, and Lead-Based Paint.

5.11.1 PCBs

5.11.1.1 Assessment Summary

5.11.1.1.1 PCB transformers or large capacitors are currently in service at DNSC-New Haven. A PCB inventory was conducted in May 2000.

5.11.1.2 Findings Summary

5.11.1.2.1 There were no findings for this protocol.

5.11.2 Asbestos

5.11.2.1 Assessment Summary

5.11.2.1.1 An asbestos survey has been conducted. Results of the survey are on file in the Center's Environmental Office.

5.11.2.2 Findings Summary

5.11.2.2.1 There were no findings for this protocol.

5.11.3 Radon

5.11.3.1 Assessment Summary

5.11.3.1.1 The Center did not have documentation to show that a radon survey has been conducted.

5.11.3.2 Findings Summary

5.11.3.2.1 There were no findings for this protocol.

5.11.4 Lead-Based Paint

5.11.4.1 Assessment Summary

5.11.4.1.1 A lead-based paint survey has been conducted. Results of the survey are on file in the Center's Environmental Office.

5.11.4.2 Findings Summary

5.11.4.2.1 There were no findings for this protocol.

5.12 Wastewater Management

5.12.1 Assessment Summary

5.12.1.0.1 DNSC-New Haven is located next to a small industrial park. The Center has a National Pollutant Discharge Elimination System (NPDES) stormwater permit and Storm Water Pollution Prevention Plan (SWP3).

5.12.2 Findings Summary

5.12.2.0.1 The Storm Water Pollution Prevention Plan requires an annual site compliance evaluation. The evaluation was performed in October 1998 and November 1999, but has not been accomplished in 2000.

5.13 Water Quality Management

5.13.1 Assessment Summary

5.13.1.0.1 Water used by the DNSC-New Haven is supplied by the public water system from the local utility.

5.13.2 Findings Summary

5.13.2.0.1 There were no findings for this protocol.

6.0 FINDING SHEETS

- **6.0.0.0.1** This section presents all regulatory (Class I) findings observed during the ECA at DNSC-New Haven facility, as defined in Section 1.0.
- **6.0.0.0.2** Although the ECA finding sheets are generally self explanatory, there are several items that warrant further explanation, which are discussed below:
- **Protocol Area:** Refers to the 13 compliance protocols identified in Section 2.1 and the TEAM Guide (USACERL, 2000).
- Manual Reference: Document used to determine the compliance with regulations, policies, or guidance. As stated in Section 2.1, the following references were used in the assessment: TEAM Guide, Indiana TEAM Guide Supplement, DLA TEAM Guide Supplement, and BNA Library.
- Finding Category: As explained above, the finding category is based on the nature and extent of noncompliance. Each classification is discussed in detail in Section 1.0.
- Condition: Description of finding.
- Criteria: Description of regulatory, policy, or guidance requirement.
- Basis of Finding: Regulatory or policy citation, or MP when no regulation exists.

Sampling Results:

- <u>Universe</u>: Total number of items (e.g., 30 garbage receptacles facility-wide);
- <u>Sample Size:</u> Number of items reviewed (e.g., 10 out of 30 garbage receptacles);
- Number of Discrepancies: Number of findings within sample size; and
- Percentage of Discrepancies:
 Percentage of findings within sample size.

FINDING SHEET - DNSC-New Haven Facility Location: Depot Facility Activity: Environmental Office Tenant: Manual: TEAM Guide Revision Date: 9/1/2000 Local Manual: Revision Date: Protocol Area: Hazardous Materials Management Question Number: HM.030.002 Ranking: CLASS I Neg Finding Status: Open Regulatory Agency: USEPA Regulatory Agency Level: F Condition: The EPCRA Compliance Guide and Checklist indicates New Haven as a site that requires Emergency Planning and Community Right-to-Know (EPCRA) reporting by March 1, 2001, based on the types of commodities stored there (i.e., mercury, lead, etc.). As of the date of the assessment, the Center did not have documentation that the reporting had been completed. Criteria: Facilities, that are required to prepare or have available an MSDS for a hazardous chemical under OSHA, are required to meet specific inventory reporting requirements for planning purposes. Regulatory Citation: EO 13148, Sec. 501; 40 CFR 370.20(a), 370.20(b), 370.20(d), 370.25, and 370.28 Repeat Finding: No Previous Notice: No. Reference Previous Finding: Reference Previous NOV: Corrective Actions Proposed Corrective Action: Start Date Completed Date Planned Info: Actual Info: Estimated Corrective Action Cost: \$0.00 Actual Corrective Action Cost: \$0.00 Review Completed: Audit Team Comments: Audit Team: Kwan/Tootle/Williams Audit Date: 03/2001

Assessment Date: 3/22/2001

Finding Number: A-001

FINDING SHEET - DNSC-New Haven

Facility Location: Depot

Facility Activity: Environmental Office

Tenant:

Manual: TEAM Guide

Local Manual:

Revision Date: 9/1/2000

Protocol Area: POL Management

Question Number: PO.005.006

Revision Date:

Ranking: CLASS I Neg

Regulatory Agency: USEPA Regulatory Agency Level: F

Finding Status: Open

Condition: The Spill Prevention, Control, and Countermeasures Plan (SPCCP) has not been updated to

reflect changes in the UST program.

Criteria: Each SPCC plan must be reviewed at least once every 3 years.

Regulatory Citation: 40 CFR 112.1(d) and 112.5(b)

Repeat Finding: No

Previous Notice: No

Reference Previous Finding:

Reference Previous NOV:

Corrective Actions

Proposed Corrective Action: Update plan.

Start Date

Completed Date

Planned Info: Actual Info:

Estimated Corrective Action Cost: \$0.00 Actual Corrective Action Cost: \$0.00

Review Completed:

Audit Team Comments:

Audit Team: Kwan/Tootle/Williams

Audit Date: 03/2001

Assessment Date: 3/22/2001

Finding Number: A-002

FINDING SHEET - DNSC-New Haven

Facility Location: Depot Facility Activity: Environmental Office Tenant: Manual: TEAM Guide Revision Date: 9/1/2000 Local Manual: Revision Date: Protocol Area: Wastewater Management Question Number: WA.010.003 Ranking: CLASS I Neg Finding Status: Open Regulatory Agency: USEPA Regulatory Agency Level: F Condition: Storm Water Pollution Prevention Plan (SWP3) requires annual site compliance evaluation. The evaluation was performed in October 1998 and November 1999, but has not been accomplished in 2000. Criteria: Dischargers of stormwater associated with an industrial activity are required to apply for an individual permit, apply for a permit through a group application, or seek coverage under a promulgated stormwater general permit. Regulatory Citation: 40 CFR 122.26(c) and 122.26(g) Repeat Finding: No Previous Notice: No. Reference Previous Finding: Reference Previous NOV-**Corrective Actions** Proposed Corrective Action: Perform annual compliance evaluation. Start Date Completed Date Planned Info: Actual Info: Estimated Corrective Action Cost: \$0.00 Actual Corrective Action Cost: \$0.00 Review Completed: **Audit Team Comments:** Audit Team: Kwan/Tootle/Williams Audit Date: 03/2001 Assessment Date: 3/22/2001 Finding Number: A-003

7.0 REFERENCES

- Bureau of National Affairs Library. 2001. Indiana Rules and Regulations.
- Defense Logistics Agency (DLA). Defense Logistics Agency Manual (DLAM) 6050.1, Environmental Protection Manual. Alexandria, Virginia.
- Defense Logistics Agency (DLA). October 2000. Defense National Stockpile Center-Headquarters. Hazardous Waste Management Plan. Alexandria, Virginia.
- Defense Logistics Agency (DLA). FY1998. Defense National Stockpile Center-Headquarters. Pest Management Plan. Alexandria, Virginia.
- KPMG Peat Marwick. 1996. Examination of Natural and Cultural Resource Management Needs at DLA-Managed Sites.
- National Fire Protection Association (NFPA). 1994. Life Safety Code 101-94.
- Parsons Engineering Science. January 1999. Final Preliminary Assessment, New Haven Depot, New Haven, Indiana.
- Parsons Engineering Science. February 2001. Final Focus Site Investigation Report, New Haven Depot, New Haven, Indiana.
- U.S. Army Center for Health, Promotion and Preventive Medicine (USACHPPM). September 1996. Storm Water Pollution Prevention Plan for Defense Logistics Agency/Defense National Stockpile Center, New Haven Depot, New Haven, Indiana. Aberdeen Proving Ground, Maryland.
- U.S. Army Construction Engineering Research Laboratories (USACERL). September 2000. The Environmental Assessment and Management (TEAM) Guide. Champaign, Illinois.
- U.S. Army Construction Engineering Research Laboratories (USACERL). June 2000. The Environmental Assessment and Management (TEAM) Guide, Indiana Supplement. Champaign, Illinois.
- U.S. Department of Agriculture Forest Service. February 1999. Cultural Resources Assessment of the Defense Logistics Agency / Defense National Stockpile Center, New Haven, Indiana. Okanogan National Forest and Monongahela National Forest.
- U.S. Department of Agriculture Forest Service. July 1998. Natural Resources Assessment for New Haven Defense National Stockpile Center, New Haven, Indiana. Gifford Pinchot National Forest.