FACILITIES DEVELOPMENT MANUAL

Wisconsin Department of Transportation

TABLE OF CONTENTS

Chapter 21: Hazardous Materials Investigation

Section 21-1 Non-Standard Materials Environmental Screening and Waste Characterization

21-1-1 Non-Standard Materials Environmental Screening and Waste Characterization

- 1.1....New Materials Screening
- <u>1.2</u>.....Disposal

Section 21-5 Asbestos

- <u>21-5-1</u>.....Asbestos
 - 1.1Applicability
 - <u>1.2</u>Purpose
 - 1.3Definitions
 - 1.4Potential Asbestos Containing Material Identification
 - 1.5Sample Collection
 - 1.6Environmental Documentation
 - 1.7Handling and Disposal of Asbestos Containing Materials
 - 1.8References
- Attachment 1.1.....Sample Asbestos Analytical Report

Section 21-35 Contaminated Site Assessment and Remediation

21-35-1 Policy and Procedure Overview

- <u>1.1</u>.....Policy
 - 1.2.....Definitions
 - <u>1.3</u>.....Overview
 - <u>1.4</u>.....Federal Participation
 - 1.5....Potentially Exempt Projects
- Attachment 1.1.....Hazardous Materials Investigation Process
- Attachment 1.2.....Hazardous Materials Assessment Schedule
- 21-35-5......Phase 1 Hazardous Material Assessments

5.1....Introduction

- 5.2.....Conducting a Phase 1 Assessment
- 5.3.....Phase 1 Scope and Organization
- Attachment 5.1......Hazardous Materials Assessment Site Summary
- 21-35-10 Subsurface Investigation
 - 10.1....Introduction
 - 10.2.....Scope
 - 10.3.....Requesting the Work
 - 10.4.....Scope of Services
 - 10.5.....Methodology
 - 10.6.....Phase 2 Report Contents

Attachment 10.1....Standard Cover Letter for Requesting Contaminated Site Investigation

21-35-12 Phase 2.5 Remediation Planning Necessary for Construction of a Highway Project

- 12.1.....Purpose
- 12.2.....Overview
- 12.3.....Request for Phase 2.5
- 12.4.....Outside Consultants
- 12.5.....Typical Phase 2.5 Report
- 12.6.....Phase 2.5 Process
- Attachment 12.1....Phase 2.5 Flow Chart
- 21-35-15 Defining Full Extent of Contamination
 - <u>15.1</u>.....Definition
 - <u>15.2</u>.....Purpose
 - 15.3.....Warranting Situations
 - 15.4.....Phase 3 Process
 - 15.5.....Report Content
 - 15.6.....Timing Considerations
 - <u>15.7</u>.....Phase 3 Costs
 - 15.8.....References

20.1.....Originator 20.2.....Purpose

<u>20.3</u>......Definition

20.4.....Background

20.5.....Implementing Phase 4

20.6.....Phase 4 and the Local Roads Program

20.7.....Agreements

20.8......When to Perform Phase 4

20.9.....Indicate Phase 4 Remediation on Plan Sets

20.10.....Project Managers Checklist

Attachment 20.1....Phase 4 Hazardous Material Management Checklist

21-35-25 Environmental Documentation

25.1.....Draft Environmental Impact Statements and Environmental Assessments

25.2.....Final Environmental Impact Statements and Findings of No Significant Impact

25.3.....Environmental Reports (ER) and Categorical Exclusions

21-35-30 Disposal of Containerized Non-Hazardous Waste

30.1.....Purpose and Scope

30.2......Sampling and Containment of Material

<u>30.3</u>.....Storage

30.4.....Labeling of Material

30.5.....Disposal of Material

30.6.....Documentation of Material

30.7.....Summary Responsibilities

Attachment 30.1....Non-Regulated Waste - DT1208

Attachment 30.2....Sample - Non-Hazardous Waste Inventory - DT1229

Attachment 30.3....Hazardous Waste Disposal Contractor Contacts

Attachment 30.4....Regional Environmental or Hazmat Coordinators

21-35-35 Disposal of Hazardous Waste

. <u>35.1</u>.....Purpose

35.2.....Storage and Containerization

35.3.....Sampling and Analytical

35.4.....Waste Characterization

<u>35.5</u>.....Disposal

35.6.....File Documentation

<u>35.7</u>......Payment

Attachment 35.1....Generic Profiles

Attachment 35.2....Hazardous Waste Inventory DT1231

Attachment 35.3....Hazardous Waste Manifests

21-35-40 Structure Notification

40.1.....Notification Contents

40.2.....Siting

40.3.....Notification of Removal

21-35-50 Land filling or Bioremediation of Non-Hazardous Waste

50.1.....Purpose and Scope

50.2.....Applicable Disposal Sites

50.3.....Bioremediation

50.4.....Direct Land filling

50.5......Disposal of Material – Bioremediation and Direct Landfilling

50.6......Documentation of Material

50.7.....Summary Responsibilities

Attachment 50.1....Bioremediation Protocols

Attachment 50.2....Landfilling Protocols