

# HAZARDOUS SUBSTANCES, CONTAMINATION and ASBESTOS EVALUATION

Wisconsin Department of Transportation

## Factor Sheet D-4

Alternative	Preferred <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> None Identified	Project ID:
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If an Environmental Assessment (EA) or Draft Environmental Report (ER) is being prepared for the action being considered, it is only necessary to complete Questions 1, 2, 3 and 9 for the alternative(s) under consideration prior to submittal of the environmental document. If additional information is available, complete as many questions as possible. Complete Questions 4 through 8 prior to submitting the final environmental document.

If a Final ER, PCE or CEC is being prepared for the action being considered, all questions must be completed.

1. Briefly describe the results of the Phase 1 Hazardous Materials Assessment for this alternative. Do not use property identifiers including owner name, address or business name. Attach additional sheets if necessary.

Check with the Region Environmental Coordinator, Region Hazardous Materials Engineer or Local Program Management Consultant to determine if Phase 1 Assessments are necessary for this type of project. See FDM Procedure 21-35-1, Policy and Procedure Overview for an overview of the contaminated sites process. See FDM Procedure 21-35-5, Phase 1 Hazardous Materials Assessments for guidance. Do not attach the Phase 1 Report to the environmental document. List all sites investigated in the Phase 1 report. Do not disclose street addresses or owner names. Indicate what level of investigation is recommended, if any.

Site Reference #	Land Use of Concern (Past or Present)	Contaminants of Concern	Phase 1 Recommendations (No further action, or is a phase 2, 2.5 or 3 recommended for this site, and why?)

Additional comments:

Site Reference # should correlate with Phase 1 Report. Do not use street addresses or owner names

Additional sheets or comments may be necessary to explain why a Phase 2 was or was not recommended and may be necessary if a large number of sites need to be listed.

2. Were any parcels not included in the Phase 1 assessment?

- ☐ No  
☐ Yes – How many:  
Why were the parcels not reviewed?

If a site is already a known contaminated site, a Phase 1 study might not be needed, if information is available from the DNR or other enforcement agency records. It is also possible that a lack of access to a property could prevent completion of a Phase 1. Example verbiage to include could be, "There is one known LUST site under active remediation, two residential properties with no likely history of hazmat concern and one storage structure to which WisDOT was denied entry."

3. Are there any sites with continuing obligations or deed restrictions?

- ☐ No  
☐ Yes – Complete the table for each site closed with continuing obligations or deed restrictions.

If a site has been closed with continuing obligations or deed restrictions, list those sites here. Attach additional sheets as necessary. Identify the continuing obligations for each site. If DNR notification is required, and notification has taken place, attach DNR's response. If project plans are not yet clear for the site, notification must be done when the proposed design for the site is known, include notification to DNR in the environmental commitments section.

Site Reference #	Soil or Excavation Restrictions	Groundwater Restrictions	Cover Restrictions	Other Restrictions	DNR Notification Required?
					<input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> Yes, DNR has been notified. DNR response is attached.
					<input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> Yes, DNR has been notified. DNR response is attached.
					<input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> Yes, DNR has been notified. DNR response is attached.

**4. Have Phase 2, 2.5 or 3 Assessments been completed? Discuss the results.**

Check with Region Environmental Coordinator, Region Hazardous Materials Engineer, or Local Program Management Consultant before doing any Phase 2, 2.5 or 3 investigations and beyond.

See FDM Procedure 21-35-10, Subsurface Investigation for guidance regarding Phase 2 investigations, FDM Procedure 23-25-12 for Phase 2.5 guidance and FDM Procedure 21-35-15 for Phase 3 guidance.

Site Reference #	Phase 2, 2.5 or 3 Recommendations	Materials Handling Plan or Remediation Recommended?		Is WisDOT a Responsible Party?	
		Yes	No	Yes	No

**5. Describe the results of any additional investigations performed by WisDOT or others (Include the number of sites investigated, the level of investigation and results for each site that relates to this project).**

These may be investigations performed by others (private owner, WDNR or municipal investigations), investigations done for other WisDOT projects that overlap or intersect this project or sites that WisDOT already owns and is responsible for.

**6. Describe any design elements that have been incorporate into this alternative to avoid any contaminated sites.**

Example changes include, changes in alignment and profile, other design changes, remediation of contaminated areas by others, removal prior to construction, etc. Identify which site (by site number) was avoided with the design element, e.g. "A non-standard curve at station 50+32 was added to avoid Site 5."

7. Describe the remediation and waste management practices to be included in the design for areas where contamination cannot be avoided (e.g., materials handling plan, remediation of contamination, design changes to minimize disturbances).

*If there are situations in which contamination cannot be avoided, refer to FDM Procedures 21-35-20 and 21-35-25.*

8. List any parcels with known contamination which are proposed for acquisition.

*Use the same site numbers as in Tables for Questions 1 and 3. Prior to completing the document, consult with the Region Environmental Coordinator, Region Hazardous Materials Engineer, or Local Program Management Consultant. Refer to FDM Procedure 21-35-12, 21-35-15 and 21-35-20 and the Real Estate Program Manual Chapter 9.*

9. ASBESTOS

*Refer to FDM Procedure 21-35-45*

Have the bridges been inspected for the presence of asbestos containing material (ACM)?

- ☐ No – Explain:  
☐ Yes – Fill out the table. Insert additional rows as needed.

Bridge Number	Results of Asbestos Sampling	Proposed Work (brief description)	List the Appropriate Special Provision

Note: All structures to be acquired and demolished or relocated require asbestos inspections and will be inspected once acquisition has taken place.

*All environmental commitments must be listed on Basic Sheet 8, Environmental Commitments.*