

# HAZARDOUS SUBSTANCES, CONTAMINATION and ASBESTOS Factor Sheet

06-10-2019

Wisconsin Department of Transportation

|                     |   |                    |
|---------------------|---|--------------------|
| <b>Alternative:</b> | <b>Preferred:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> None identified | <b>Project ID:</b> |
|---------------------|---|--------------------|

For questions contact the Region Environmental Coordinator (REC) or the Bureau of Technical Services, Environmental Services Section (BTS-ESS) specialist.

A separate Factor Sheet should be completed for each alternative carried forward for detailed analysis with potential impacts to hazardous substances, contamination and asbestos, unless impacts are identical between alternatives, in which case clarify in the Alternatives box above which alternatives are included in the discussion on this sheet.

If an Environmental Assessment (EA) or Draft Environmental Report (ER) is being prepared for the action being considered, it is only necessary to complete Section I questions 1, 2, 3 and Section II questions 1 through 4 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 Section I 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 applicable questions must be completed.

**I. HAZARDOUS SUBSTANCES and CONTAMINATION**

**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 or Region Hazardous Materials Engineer 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 many sites need to be listed.

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

- No
- Yes, how many:

Why were parcels not reviewed? Explain:

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<br><input type="checkbox"/> Yes<br><input type="checkbox"/> Yes, DNR has been notified.<br>DNR response is attached. |
|                  |                                 |                          |                    |                    | <input type="checkbox"/> No<br><input type="checkbox"/> Yes<br><input type="checkbox"/> Yes, DNR has been notified.<br>DNR response is attached. |
|                  |                                 |                          |                    |                    | <input type="checkbox"/> No<br><input type="checkbox"/> Yes<br><input type="checkbox"/> Yes, DNR has been notified.<br>DNR response is attached. |

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

Check with Region Environmental Coordinator, or Region Hazardous Materials Engineer 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 or Region Hazardous Materials Engineer. Refer to FDM Procedure 21-35-12, 21-35-15 and 21-35-20 and the Real Estate Program Manual Chapter 9.

**II. ASBESTOS**

Refer to FDM Procedure 21-35-45

**1. Have all the bridges on the project been inspected for the presence of asbestos containing material (ACM):**

No, explain:

Yes, fill out the table below and insert additional data as needed:

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

**2. Number of structures (buildings) proposed to be acquired and demolished:**

**3. Number of structures (buildings) proposed to be acquired and relocated:**

All structures to be acquired and demolished or relocated require asbestos inspections and will be inspected once acquisition has taken place. Asbestos must be removed or abated by a licensed professional prior to relocation or demolition.

**4. Are there utilities with known transite conduit or piping located within the project limits?**

No  Yes - answer 4.a. and 4.b.

**a. Number of linear feet of conduit expected be impacted:**

**Who will conduct the abatement during construction?**

Utility  Municipality  Included in construction contract\*

\* STSP 203-006 must be included as an environmental commitment.

**b. Number of linear feet of conduit expected to be protected:**

All environmental commitments made to avoid, minimize or mitigate impacts must be included in Question 23 of the ER and EA Template, Section 5 of the PCE Template or Question XII of the CEC Template.