APPENDIX DD – Preparation Guidelines for Initial Site Assessment Checklist for Hazardous Waste

Table of Contents

APPENDIX DD – Preparation Guidelines for Initial Site Assessment Checklist for Hazardous Waste

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTICLE 1 Guidelines</td>
<td>DD-3</td>
</tr>
<tr>
<td>Introduction</td>
<td>DD-3</td>
</tr>
<tr>
<td>Project Information Section</td>
<td>DD-3</td>
</tr>
<tr>
<td>Location Map</td>
<td>DD-3</td>
</tr>
<tr>
<td>Project Screening Section</td>
<td>DD-3</td>
</tr>
<tr>
<td>Initial Site Assessment Determination</td>
<td>DD-4</td>
</tr>
</tbody>
</table>
Appendices
Project Development Forms and Letters plus Policy and Procedures Documents
APPENDIX DD – Preparation Guidelines for Initial Site Assessment Checklist for Hazardous Waste

ARTICLE 1 Guidelines

Introduction

The Initial Site Assessment (ISA) Checklist is a guide for district screening and assessment of projects for potential hazardous waste involvement. It is not intended to take a lot of time and effort to complete; however, some assessments may take longer to complete just because of the magnitude and/or location of a proposed project.

Project Information Section

Be sure that the project manager and project engineer have been identified. Do not begin the initial site assessment until the written project description and location maps have been provided (since hazardous waste could affect project development, it is important to know what type of work is proposed and where it will be located).

Location Map

It is suggested that the location map provided by design be attached to the initial site assessment checklist to provide a record of the area that has been assessed, as well as the findings. All future project limit changes should cause design to request further assessment for hazardous waste.

Project Screening Section

Items 1 and 2 are risk indicators that could be used to determine the level of effort required to complete the initial site assessment. Generally, a project that requires new right-of-way, excavation, structure modification or demolition, or utility relocation will have a greater potential for hazardous waste involvement than a project that does not include these features. An urban location would
generally present more of a risk than a rural location; industrial land uses would generally be more risky than commercial uses; and so on.

Items 3 through 6 deal with the actual assessment:

- First, check available records to see if a known site is present. This item should not take a lot of effort, but it will require contacting the appropriate regional water quality control board, the Department of Toxic Substances Control, and the city/county agencies that deal with leaking underground tanks.

- Next, conduct a field inspection to look for indicators of potential hazardous waste or contamination. Identify businesses that store or use potentially hazardous materials (service stations, auto wrecking yards, paint companies, machine shops, metal platers, electronic manufacturers, dry cleaners, agricultural chemical suppliers, etcetera). Other things to look for include landfills and dumps, surface storage of potentially hazardous materials (sumps, pits, steel drums, etcetera), illegal dumping sites (especially on rural projects), and serpentine.

- Based on the field inspection, if there may have been a previous land use that could still present a hazardous waste or contamination risk, it may be necessary to verify the previous land use (for example, abandoned service stations can usually be identified by the type of structure and location and the underground tank may still be there).

**Initial Site Assessment Determination**

The ISA determination is simply “Yes” or “No.”

NO: No findings have been made that would indicate a known or potential hazardous waste problem within or near the proposed project.

YES: A known, or potential site has been identified that could affect the proposed project and will take more time and effort to define and coordinate cleanup options.
**Initial Site Assessment (ISA) Checklist**

**Project Information**

District _____ County _____ Route _____ Post Mile ____________ EA _____________

Description ________________________________

__________________________________________________________________________

__________________________________________________________________________

Is the project on the HW Study Minimal-Risk Projects List? ______

Project Manager ____________________________ phone # ______________

Project Engineer ____________________________ phone # ______________

**Project Screening**

Attach the project location map to this checklist to show location of all known and/or potential HW sites identified.

   Structure demolition/modification? _____ Subsurface utility relocation? _____

2. Project Setting
   Rural or Urban ________________________________
   Current land uses ________________________________
   Adjacent land uses ________________________________
   (industrial, light industry, commercial, agricultural, residential, etc.)

3. Check federal, State, and local environmental and health regulatory agency records as necessary, to see if any known hazardous waste site is in or near the project area. If a known site is identified, show its location on the attached map and attach additional sheets, as needed, to provide pertinent information for the proposed project.

4. Conduct Field Inspection. Date ____________ Use the attached map to locate potential or known HW sites.

**STORAGE STRUCTURES / PIPELINES:**

- Underground tanks ____________ Surface tanks ____________
- Sumps ____________ Ponds ____________
- Drums ____________ Basins ____________
- Transformers ____________ Landfill ____________
- Other ____________

© 2019 California Department of Transportation. All Rights Reserved.
Initial Site Assessment (ISA) Checklist
(continued)

CONTAMINATION: (spills, leaks, illegal dumping, etcetera)

Surface staining ___________ Oil sheen ___________

Odors ___________ Vegetation damage ___________

Other ___________

HAZARDOUS MATERIALS: (asbestos, lead, etcetera)

Buildings ___________ Spray-on fireproofing ___________

Pipe wrap ___________ Friable tile ___________

Acoustical plaster ___________ Serpentine ___________

Paint ___________ Other ___________

5. Additional record search, as necessary, of subsequent land uses that could have resulted in a hazardous waste site. Use the attached map to show the location of potential hazardous waste sites.

6. Other comments and/or observations:

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

ISA Determination

Does the project have potential hazardous waste involvement? ______ If there is known or potential hazardous waste involvement, is additional ISA work needed before task orders can be prepared for the Investigation? ______ If “YES,” explain; then give an estimate of additional time required: ______

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

A brief memorandum should be prepared to transmit the ISA conclusions to the Project Manager and Project Engineer.

ISA Conducted by ______________________ Date __________