

PART B REVIEW CHECKLIST

SECTION B - FACILITY DESCRIPTION

Last updated: February 2005

Facility/ID #		Date	
Reviewer		DO	

Relevant Guidance Documents: *None*

	YES	NO	NA	Page #	Notes - NOD Comment #	Include on Inspection Checklist?
B-1 <u>General Description</u> OAC 3745-50-44 (A)(1)						
Does the application include a brief description of the facility including the nature of the business? Off-site facilities should identify the types of industries served; on-site facilities should briefly describe the process(es) involved in the generation of hazardous waste.						
B-2a <u>Traffic Information</u> OAC 3745-50-44 (A)(10)						
Is there a description of traffic patterns including:						
(1) Traffic patterns on-site?;						
(2) Estimated volume (e.g. number and type of vehicles)?;						
(3) Traffic control (e.g. turns across traffic lanes, procedures)?;						
(4) Access road surfacing?;						
(5) Access load-bearing capacity?; and						
(6) Traffic control signals?						

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B-2b <u>Seismic Considerations</u> OAC 3745-54-18(A)						
Has the facility stated that portions of the facility where treatment, storage, or disposal of hazardous waste will be conducted shall not be located within sixty-one meters (two hundred feet) of a fault which has had displacement in Holocene time?						
B-2c <u>Flood-plain Information</u> OAC 3745-50-44 (A)(11), OAC 3745-54-18(B)						
Regarding flood-plains, did the facility determine whether the facility is in a one-hundred year flood-plain. Did the facility indicate the source of data for such determination and include a copy of the relevant federal insurance administration (FIA) flood map, if used, or the calculations and maps used where an FIA map is not available? NOTE: Where FIA maps are not available for a proposed facility location, the owner or operator must use equivalent mapping techniques to determine whether the facility is within the one-hundred-year floodplain, and if so located, what the one-hundred-year flood elevation would be.						
If the facility is within a flood plain, did they:						
(1) Provide an engineering analysis to indicate the various hydrodynamic and hydrostatic forces expected to result as a consequence of a one-hundred--year flood?;						
(2) Show how units are designed to prevent washout?						
In lieu of meeting (1) and (2) of B-3a above, did the facility provide a plan for removing the hazardous waste to a safe location prior to the occurrence of a flood, including:						

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(1) Timing of waste removal relative to flood levels?;						
(2) A description of the location where the waste will be kept, including a demonstration that the receiving facility are eligible to receive the waste?;						
(3) Procedures and equipment to be used when moving the waste and assurances that the necessary equipment will be available?;						
(4) A discussion of the potential for spill during waste movement; or, for existing surface impoundments, waste piles, land treatment units, landfills, and miscellaneous units, the facility has demonstrated that no adverse effects on human health or the environment will result if washout occurs, considering:						
a) The volume and physical and chemical characteristics of the waste in the facility?;						
b) The concentration of hazardous constituents that would potentially affect surface waters as a result of washout?;						
c) The impact of such concentrations on the current or potential uses of and water quality standards established for the affected surface water?; and						
d) The impact of hazardous constituents on the sediments of affected surface waters or the soils of the one- hundred-year floodplain that could result from washout? [OAC 3745-54-18 (B)(1)(b)(i-iv)]						

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<p>If the facility was in operation prior to October 9, 1980, is it in compliance with OAC 3745-54-18 (B)?</p> <p>If not, has the facility provided a plan showing how the facility will be brought into compliance, including a schedule for compliance?</p>						
<p>B-3 Certain Waste Placement Prohibitions OAC 3745-54-18 (C)</p>						
<p>Did the facility propose to place any noncontainerized or bulk liquid hazardous waste in any salt dome formation, salt bed formation, underground mine, or cave? This type of waste placement is prohibited.</p>						
<p>B-4 Topographic Map OAC 3745-50-44 (A)(19)</p>						
<p>Did the facility submit a topographic map that:</p>						
<p>(1) Shows a distance of one thousand feet around the facility?;</p>						
<p>(2) Has a scale of one inch to not more than 200 feet?;</p>						
<p>(3) Has contours appropriate to the relief at the facility?;</p>						
<p>(4) Has contours that are sufficient to clearly show the pattern of surface water flow in the vicinity of and from each operational unit at the facility?;</p>						
<p>(5) Shows map scale and date?;</p>						
<p>(6) Shows the one hundred year floodplain area?;</p>						
<p>(7) Shows surface water bodies in the immediate area?;</p>						

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(8) Shows surrounding land uses?;						
(9) Includes a wind rose?;						
(10) Has a north arrow?;						
(11) Shows the legal boundaries of the facility?;						
(12) Shows access control (e.g. fences, gates, etc.)?;						
(13) Shows injection and withdrawal wells both on-site and off-site?;						
(14) Shows buildings; treatment, storage, or disposal operations?;						
(15) Shows other structures, (e.g. recreation areas, run-off control systems, sewers, loading areas, access and internal roads, fire control facilities, etc.)?;						
(16) Shows barriers for drainage or flood control?;						
(17) Shows location of operational units for treatment, storage, or disposal of hazardous waste. (NOTE TO REVIEWER: The facility may need to submit maps other than a topographic map to meet the information requirements listed above. The facility should also submit a zoning map, a FEMA floodplain map, and a small scale map of the facility)						