

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
BROWNFIELD VOLUNTARY CLEANUP PROGRAM
ECOLOGICAL CHECKLIST**

Section 1- Facility Information

1. Name of Facility: _____
2. Location of Facility: _____
County: _____
3. Mailing Address: _____
4. Type of Facility: _____
5. Describe land use at and in the vicinity of the release site _____
6. Attach a USGS topographic map of the facility and aerial and other photographs of the release site and surrounding areas.

Section 2-Surrounding Land Use Information

1. Describe land use adjacent to the facility.

2. Provide the following information regarding the nearest water body:
Name of surface water body: _____
Type of surface water body (pond, lake, river etc): _____
3. Do any potentially sensitive environmental areas exist adjacent to or in proximity to the site, e.g., Federal and State parks, National and State Monuments, wetlands, etc.

Section 3 - Release Information

1. Nature of release. _____
2. Location of the release (within the facility) _____
3. Location of the release with respect to the facility property boundaries:

4. Chemicals of Concern (COC) known or suspected to have been released: _____
5. Indicate which media are known or suspected to be impacted and if sampling data are available:

Soil 0-6 feet bgs	yes	no
groundwater	yes	no
surface water/sediment	yes	no
6. Has migration occurred outside the facility property boundaries? yes no
If yes, describe the designated use of the land impacted: _____

Section 4 - Criteria for Further Assessment

If the Area of Impact (AOI) meets all of the criteria presented below, then typically no further ecological evaluation shall be required. If the AOI does not meet all of the criteria, then a screening level ecological risk shall be conducted. The Submitter should make the initial decision regarding whether or not a screening level ecological risk assessment is warranted based on compliance of the AOI with criteria listed below. After review of the ecological checklist and other available site information, the Mississippi Department of Environmental Quality will make a final determination on the need for a screening level ecological risk assessment. If site conditions at the AOI change such that one or more of the criteria are not met, then a screening level ecological risk assessment shall be conducted.

The criteria for exclusion from further ecological assessment include:

The area of impacted soil is approximately 1 acre or less in size;

There is no current (or potential) release (via runoff or groundwater discharge) of COCs from the AOI to a surface water body;

Recreational species, commercial species, threatened or endangered species, and/or their habitats are not currently being exposed, or expected to be exposed, to COCs present at or migrating from the AOI; and

There are no obvious impacts to ecological receptors or their habitats.

Section 5 - Site Summary

The ecological checklist submittal shall include a site summary which presents sufficient information to verify that the AOI meets or does not meet the criteria for further assessment.

Section 6 - Submitter Information

Date:

Name of person submitting this check list:

Affiliation:

Signature

Additional Preparers:
