

Polychlorinated Biphenyls (For Initial Screening), continued

Checklist outcome

- A. Property is not recommended for further study

No equipment that may contain PCBs is present onsite. This property is not recommended for further study in regards to PCBs.

- B. Property recommended for a Phase I ESA

PCB equipment is or may be present onsite, but there is no evidence of contamination from the equipment. A Phase I ESA should be conducted to determine if PCB equipment is present onsite. See Appendix D for guidance on Phase I ESAs.

- C. Property is recommended for an *immediate* Phase I ESA

Equipment that may potentially contain PCBs is present onsite and may have caused contamination. A Phase I ESA should be initiated as soon as possible to obtain background information concerning PCB equipment. A Phase II ESA may be required to determine the presence and extent of any contamination. See Appendix D for guidance on Phase I ESAs and your Environmental Specialist and Environmental Attorney for guidance on Phase II ESAs.

Signature of Preparer Robert D. Duly Date 1/27/2009

reviewed by your Environmental Specialist to verify its adequacy or use as background information in developing the scope of work for a Phase II ESA. The survey should be placed in the asset file.

Polychlorinated Biphenyls (For Initial Screening), continued

Instructions, continued

d. WASTE OIL TANKS:

Yes No Unknown

e. OTHER OIL-FILLED INDUSTRIAL EQUIPMENT:

Yes No Unknown

If Yes to any of the above items, go to Question 3.

If No to all of the above items, check Checklist Outcome, Item A.

If Unknown, check Checklist Outcome, Item B.

3. Is there any evidence of spills or leaks around or from the equipment identified in Question 2, or have there been any fires involving this equipment?

Yes No Unknown

Go to to Question 4.

4. Based on discussions with onsite personnel, has any equipment or spilled material containing PCBs ever been removed or cleaned up at the property?

Yes, check Checklist Outcome, Item B

No, check Checklist Outcome, Item C

Unknown, check Checklist Outcome, Item C

General

Introduction

Polychlorinated biphenyls (PCBs) belong to a broad family of organic chemicals known as chlorinated hydrocarbons. Virtually all PCBs in existence today have been synthetically manufactured. PCBs have been primarily used in electrical equipment but were also included in hydraulic systems and oil-filled heat transfer systems. PCBs are deleterious because, once released into the environment, they do not break down into harmless chemical substances. It is known that PCBs cause chloracne: a painful, disfiguring skin illness. Animal studies also indicate that PCBs may be carcinogenic and teratogenic (fetus damaging), and the EPA has determined that PCB contamination may pose a public health concern.

Regulatory context

In 1976, Congress enacted the Toxic Substances Control Act (TSCA) that directed EPA to regulate PCBs. By 1978, EPA had developed labeling rules and disposal regulations. In 1979, EPA implemented rules governing the manufacture, use, and disposal of PCBs. Disposal of PCBs can be costly, for they can only be disposed of at a hazardous waste facility. Use of PCB-containing equipment has been phased.

Checklist Selection Form, Page 2 of 3

| Asset Name: 112 Makenna Drive, Hampton, GA 30228 | | |
|--|---|--|
| NPS Number: _____ | | |
| Question | Check One | If YES or UNKNOWN, Checklist to be Completed |
| Is there any evidence that electrical equipment, such as transformers, capacitors, and light ballasts or hydraulic equipment (found in machinery and elevators) is present on the property? | YES: <input checked="" type="checkbox"/> NO: <input type="checkbox"/> | G |
| Is there any evidence of insulation or fire retardant materials such as pipe wrap and ceiling spray within the buildings on the property? | YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/> UNKNOWN: <input type="checkbox"/> | H |
| Is there any evidence that pesticides (including insecticides, fungicides, and rodenticides) have been manufactured or used on the property (other than normal household use)? | YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/> | I |
| Are there any residential structures on the property that were built before 1978 or is there any commercial facility on the property, such as a day care center or school, built prior to 1978 where children seven years of age or younger may be found? | YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/> UNKNOWN: <input type="checkbox"/> | J |
| Are there any coastal areas, rivers, streams, springs, lakes ponds, swamps, marshes, or other bodies of water on or immediately adjacent to the property? Do not include stormwater collection ponds, swimming pools, and other similar bodies of water. | YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/> | K |
| Does the property contain an undeveloped area or areas one acre or more in size that exhibit natural vegetation? Include woodlots, brush areas, fields and other overgrown areas, and areas that are subject to infrequent or irregular maintenance such as pastures and golf course roughs. | YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/> | L |
| Is the property located within 1,000 feet of a coastal shoreline (include the Great Lakes shoreline)? | YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/> | M |
| Is the property undeveloped, greater than 50 acres in size, and adjacent to or contiguous with lands managed by a governmental agency primarily for wildlife, refuge, sanctuary, open space, recreational, historical, cultural, or natural resource conservation purposes? | YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/> | M |

