

TABLE A-1.—HUMAN EXPOSURE PATHWAYS—Continued

Exposure medium	Route of exposure	Type of fate and transport	Pathway <sup>a</sup>
Surface water .....	Ingestion .....	Overland .....	<b>19</b> WMU % <sub>00</sub> overland flow % <sub>00</sub> surface water % <sub>00</sub> humans <i>Ingestion of contaminated surface water as a drinking water source</i>
Surface water .....	Ingestion .....	Air deposition .....	<b>20</b> WMU % <sub>00</sub> air % <sub>00</sub> deposition to soil % <sub>00</sub> overland flow % <sub>00</sub> surface water % <sub>00</sub> humans <i>Ingestion of contaminated surface water as a drinking water source</i>
Fish .....	Ingestion .....	Air diffusion .....	<b>21</b> WMU % <sub>00</sub> air % <sub>00</sub> surface water % <sub>00</sub> fish % <sub>00</sub> humans Consumption f fish contaminated by toxicants in surface water
Fish .....	Ingestion .....	Overland .....	<b>23</b> WMU % <sub>00</sub> overland % <sub>00</sub> surface water % <sub>00</sub> fish % <sub>00</sub> humans Consumption f fish contaminated by toxicants in surface water
Fish .....	Ingestion .....	Air deposition .....	<b>24</b> WMU % <sub>00</sub> air % <sub>00</sub> deposition to surface soil % <sub>00</sub> overland flow % <sub>00</sub> surface water % <sub>00</sub> fish % <sub>00</sub> humans Consumption f fish contaminated by toxicants in surface water
Animal (beef/milk) ..	Ingestion .....	Air diffusion .....	<b>33</b> WMU % <sub>00</sub> air % <sub>00</sub> surface water % <sub>00</sub> cattle % <sub>00</sub> humans <i>Consumption of animal products with elevated levels of toxicant caused by drinking contaminated surface water</i>
Animal (beef/milk) ..	Ingestion .....	Overland .....	<b>35</b> WMU % <sub>00</sub> overland flow % <sub>00</sub> surface water % <sub>00</sub> cattle % <sub>00</sub> humans <i>Consumption of animal products with elevated levels of toxicant caused by drinking contaminated surface water</i>
Animal (beef/milk) ..	Ingestion .....	Air deposition .....	<b>36</b> WMU % <sub>00</sub> air % <sub>00</sub> deposition to soil % <sub>00</sub> overland flow % <sub>00</sub> surface water % <sub>00</sub> cattle % <sub>00</sub> humans <i>Consumption of animal products with elevated levels of toxicant caused by drinking contaminated surface water</i>
Surface water .....	Dermal (bathing) ....	Air diffusion .....	<b>37</b> WMU % <sub>00</sub> air % <sub>00</sub> surface water % <sub>00</sub> humans <i>Dermal bathing contact with contaminated surface water</i>
Surface water .....	Dermal (bathing) ....	Air deposition .....	<b>38</b> WMU % <sub>00</sub> air deposition to soil % <sub>00</sub> overland flow % <sub>00</sub> surface water % <sub>00</sub> humans <i>Dermal bathing contact with contaminated surface water</i>
Surface water .....	Dermal (bathing) ....	Overland .....	<b>42</b> WMU % <sub>00</sub> overland flow % <sub>00</sub> surface water % <sub>00</sub> humans <i>Dermal bathing contact with contaminated surface water</i>

Overland = Soil erosion; Overland flow = Both runoff and soil erosion; or, for surface impoundments, a spill directly to surface water. Veg = Aboveground fruits and vegetables. Root = Belowground (or root) vegetables.

<sup>a</sup> Some pathway numbers are missing, reflecting pathways that have been eliminated from the analysis or combined with other pathways.

TABLE A-2.—ECOLOGICAL EXPOSURE PATHWAYS

	Exposure medium	Route of exposure	Type of fate and transport	Pathways <sup>a</sup>
Terr I .....	Soil .....	Ingestion .....	Direct soil .....	<b>3</b> (on site) WMU % <sub>00</sub> mammals, birds, soil fauna <i>Ingestion of contaminated soil</i>
	Soil .....	Direct contact .....	Direct soil .....	<b>5</b> (on site) WMU % <sub>00</sub> plants, soil fauna <i>Direct contact with contaminated soil</i>
	Plant .....	Ingestion .....	Direct soil .....	<b>9</b> (on site) WMU % <sub>00</sub> vegetation % <sub>00</sub> mammals, birds <i>Consumption of contaminated vegetation (e.g., forage grasses)</i>
	Soil fauna .....	Ingestion .....	Direct soil .....	<b>11a</b> (on site) WMU % <sub>00</sub> soil fauna % <sub>00</sub> mammals, birds <i>Consumption of soil fauna (e.g., earthworms, insects) with elevated levels of toxicant</i>
	Animals .....	Ingestion .....	Direct soil .....	<b>11b</b> (on site) WMU % <sub>00</sub> soil fauna/vegetation % <sub>00</sub> animals % <sub>00</sub> predatory mammals, birds <i>Consumption of animals with elevated levels of toxicant</i>
	Soil .....	Ingestion .....	Overland .....	<b>3</b> (off site) WMU % <sub>00</sub> overland % <sub>00</sub> mammals, birds, soil fauna <i>Ingestion of contaminated soil</i>