

**Table U-4.  
Assessment and Measurement Endpoints**

<b>Assessment Endpoint</b>	<b>Functional Group</b>	<b>Measurement Endpoint</b>	<b>Data Required (type of data)</b>
<b>Terrestrial Areas</b>			
Protection of primary producer community	Terrestrial plants	Exposure concentrations at or below ambient levels	Site soil data, Ambient soil data
		Exposure concentrations at or below published no observable adverse effects concentrations	Site soil data, Published toxicity studies
Protection of soil fauna community	Soil invertebrates	Exposure concentrations at or below ambient levels	Site soil data, Ambient soil data
		Exposure concentrations at or below published no observable adverse effects concentrations	Site soil data, Published toxicity studies
Protection of herpetofauna	Reptiles	Exposure concentrations at or below ambient levels	Site soil data, Ambient soil data
		Exposure concentrations at or below published no observable adverse effects concentrations	Site soil data, Published toxicity studies
Protection of terrestrial mammals	Insectivorous and herbivorous small mammals, Omnivorous mammals	Exposure doses equal to or below ambient exposure doses	Chemical analyses of exposure media, Ambient soil data, Exposure model(s)
		Exposure doses equal to or below published no observable adverse effects levels	Chemical analyses of exposure media, Exposure model(s), Published toxicity studies
Protection of terrestrial birds	Insectivorous and herbivorous birds, Carnivorous birds (raptors)	Exposure doses equal to or below ambient exposure doses	Chemical analyses of exposure media, Ambient soil data, Exposure model(s)
		Exposure doses equal to or below published no observable adverse effects levels	Chemical analyses of exposure media, Exposure model(s), Published toxicity studies

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Assessment Endpoint	Functional Group	Measurement Endpoint	Data Required (type of data)
<b>Aquatic Areas</b>			
Protection of primary producer community	Aquatic plants	Exposure concentrations at or below ambient levels	Site sediment/surface water data, Ambient sediment/surface water data
		Exposure concentrations at or below published no observable adverse effects concentrations	Site sediment/surface water data, Published toxicity studies
Protection of aquatic community	Aquatic invertebrates	Exposure concentrations at or below ambient levels	Site sediment/surface water data, Ambient sediment/surface water data
		Exposure concentrations at or below published no observable adverse effects concentrations	Site sediment/surface water data, Published toxicity studies
Protection of herpetofauna	Amphibians <sup>a</sup>	Exposure concentrations at or below ambient levels	Site sediment/surface water data, Ambient sediment/surface water data
		Exposure concentrations at or below published no observable adverse effects concentrations	Site sediment/surface water data, Published toxicity studies
Protection of mammals	Omnivorous mammals	Exposure doses equal to or below ambient exposure doses	Chemical analyses of exposure media, Ambient soil data, Exposure model(s)
		Exposure doses equal to or below published no observable adverse effects levels	Chemical analyses of exposure media, Exposure model(s), Published toxicity studies
Protection of wading birds/waterfowl	Insectivorous birds	Exposure doses equal to or below ambient exposure doses	Chemical analyses of exposure media, Ambient sediment/surface water data, Exposure model(s)
		Exposure doses equal to or below published no observable adverse effects levels	Chemical analyses of exposure media Exposure model(s) Published toxicity studies

<sup>a</sup> Some amphibians may be found in upland (terrestrial) area of the site.