

Table 1.3.1 Standard EPA Risk Assessment Chemical Life Cycle Paradigm

DOMAIN: Chemical Life Cycle		
CLASS	GROUP	SUBGROUP^(a)
Framework	Closed (no linkages)	
	Linkable	
System	Sensitivity/Uncertainty	
	Parameter Estimation	
	Unique	
Simulation Modules	Source	Surface Impoundment, Aerated Tank, Land Application Unit, Landfill, Waste Pile, Soil
	Vadose Zone	Porous Media, Fractured Media
	Aquifer	Porous Media, Fractured Media
	Air	
	Watershed	Local Watershed, Regional Watershed
	Surface Water	River, Wetland, Reservoir, Open Ocean, Lake/Impoundment, Coastal, Estuary
	Human Exposure	
	Human Intake	
	Human Risk/Hazard	
	Eco-Biotic Exposure	
	Ecological Intake	
	Ecological Hazard	
	Cultural	
Economic/Cost		
Data Set	System	Chemical, Life-form, Spacial (GIS)
	Module	Human Exposure, Human Toxicity Benchmark, Ecological Toxicity Benchmark, Meteorologic, Chemical Properties, Physical Properties of Chemicals
Viewers	Text	
	Graphical ^(b)	

(a) Icons will only be provided if at least one model is available for choice. For example, even though Fractured Media is envisioned as a SubGroup category, the Merged System currently does not have fractured subsurface models in the system; therefore, this icon category will only be added when a fractured-medium model is incorporated into the system.

(b) *Viewers* will not be on the icon pallet, but will be accessed for each individual icon through a Mouse *Right Click* on the icon itself; only those applicable viewers will be available.