

TABLE 1  
SELECTION OF EXPOSURE PATHWAYS  
Gowanus Canal Remedial Investigation, Brooklyn, New York

Scenario Timeframe	Medium	Exposure Medium	Exposure Point	Receptor Population	Receptor Age	Exposure Route	Type of Analysis	Rationale for Selection or Exclusion of Exposure Pathway
Curren/tFuture	Surface Water/Sediment	Fish and Crab Tissue	Crab in Gowanus Canal	Angler	Adult	Ingestion	Quant	People have been observed crabbing in the canal. These receptors may eat the crab they catch from the canal.
					Adolescent	Ingestion	Quant	
					Child	Ingestion	Quant	
	Sediment	Overflow Surface Sediment	Sediment deposited in areas adjacent to Gowanus Canal associated with canal overflow	Industrial Worker	Adult	Ingestion	Quant	Workers at businesses surrounding the canal may be exposed to sediment that gets deposited near the canal when the canal overflows, prior to being washed away with rain.
						Dermal	Quant	
				Residential	Adult	Ingestion	Quant	
						Dermal	Quant	
					Child	Ingestion	Quant	
						Dermal	Quant	
					Child/Adult	Ingestion	Quant	
						Dermal	Quant	
		Air	Particulate and volatile emissions from sediment deposited in areas adjacent to Gowanus Canal associated with canal overflow	Industrial Worker	Adult	Inhalation	None	Emissions from deposited sediment associated with canal overflow is not expected to be a significant exposure pathway.
				Residential	Adult	Inhalation	None	
					Child	Inhalation	None	
					Child/Adult	Inhalation	None	
	Surface Water	Overflow Surface Water	Canal Overflow - Surface Water (surface water data from wet event)	Industrial Worker	Adult	Ingestion	Quant	Workers at businesses surrounding the canal may be exposed to canal surface water when the canal overflows.
						Dermal	Quant	
				Residential	Adult	Ingestion	Quant	
						Dermal	Quant	
					Child	Ingestion	Quant	
						Dermal	Quant	
					Child/Adult	Ingestion	Quant	
						Dermal	Quant	
		Air	Volatile emissions from overflow surface water in areas adjacent to Gowanus Canal	Industrial Worker	Adult	Inhalation	None	Emissions from surface water associated with canal overflow is not expected to be a significant exposure pathway.
				Residential	Adult	Inhalation	None	
					Child	Inhalation	None	
					Child/Adult	Inhalation	None	

Quant: will be quantitatively evaluated.

Qual: will be qualitatively evaluated.

None: Not considered to be a significant exposure pathway, and therefore not evaluated.