

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
Current/Future	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.  People live within a few blocks of the canal. These receptors may be exposed to surface sediment that gets deposited outside of the canal when the canal overflows prior to being washed away with rain.
					Adult	Dermal	Quant	
				Residential	Adult	Ingestion	Quant	
					Adult	Dermal	Quant	
					Child	Ingestion	Quant	
					Child	Dermal	Quant	
					Child/Adult	Ingestion	Quant	
					Child/Adult	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.	
				Adult	Inhalation	None		
			Residential	Child	Inhalation	None		
				Child/Adult	Inhalation	None		
				Child/Adult	Inhalation	None		
Future	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.  People live within a few blocks of the canal. These receptors may be exposed to surface water outside of the canal when the canal overflows.
					Adult	Dermal	Quant	
				Residential	Adult	Ingestion	Quant	
					Adult	Dermal	Quant	
					Child	Ingestion	Quant	
					Child	Dermal	Quant	
					Child/Adult	Ingestion	Quant	
					Child/Adult	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.	
				Adult	Inhalation	None		
			Residential	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.