

**TABLE T-29  
CUMULATIVE RISK AND HAZARD  
POTENTIAL EXPOSURES TO ONSITE SOIL, OFFSITE SEDIMENT, AND OFFSITE SOIL VAPOR  
HYPOTHETICAL OFFSITE RESIDENT**

Study Area	Hypothetical Offsite Resident								
	Surface (0 - 0.5 ft bgs)			Shallow (0 - 5 ft bgs)			Offsite Soil Vapor		
	Noncancer Hazard	Cancer Risk	Risk/Hazard Drivers	Noncancer Hazard	Cancer Risk	Risk/Hazard Drivers	Noncancer Hazard	Cancer Risk	Risk/Hazard Drivers
Administration Building	3E-03	3E-08		2E-03	3E-08		--	--	
Burial Trench	7E-01	1E-05	Trichloroethylene	7E-01	1E-05	Trichloroethylene	--	--	
Central Drainage	5E-02	1E-06		1E-01	4E-06	Benzene; Tetrachloroethylene	--	--	
Former Ponds and Pads	4E-02	1E-07		1E+00	7E-05	Tetrachloroethylene; Trichloroethylene	--	--	
Liquids Treatment	1E-02	8E-08		1E-02	6E-08		--	--	
Maintenance Shed	1E-03	8E-08		2E-03	8E-08		--	--	
RCRA Canyon	5E-03	7E-08		4E-03	5E-08		--	--	
Roadways	3E-02	7E-07		3E-02	6E-07		--	--	
Remaining Onsite	1E-03	3E-08		1E-02	2E-07		--	--	
West Canyon Spray	2E-03	2E-07		4E-03	2E-07		--	--	
Offsite Sediment <sup>(1,2)</sup>	2E-01	5E-07		--	--		--	--	
Offsite Soil <sup>(1,3)</sup>	7E-01	5E-07		7E-01	5E-07		--	--	
Offsite Soil Vapor <sup>(4)</sup>	--	--		--	--		3E-02	2E-06	1,3-Butadiene

Notes:

" -- " not applicable

Only the outdoor air pathway was evaluated for adjacent residents assuming they are located next to the Site.

<sup>(1)</sup> Exposure pathways evaluated for offsite soil and sediment include: incidental ingestion, dermal contact, and outdoor inhalation

<sup>(2)</sup> Potential exposures to offsite sediment are evaluated based on data collected from North Drainage, A Drainage, Lower and Upper C Drainages

<sup>(3)</sup> Potential exposures to offsite soils are evaluated based on data collected from the B Drainage.

<sup>(4)</sup> Soil vapor results collected offsite were used to evaluate the indoor air pathway