

**Table 5-15
Total Site Carcinogenic Risks
Bailey Point**

Medium		Plant Area		Warehouse 2/3		345 kV Transmission Line		Bailey Farmhouse	
		CT	RME	CT	RME	CT	RME	CT	RME
Soils	Soils	6.5E-06	4.8E-05	5.2E-06	3.8E-05	2.3E-06	1.5E-05	1.2E-06	7.9E-06
	Produce	2.2E-04	2.2E-04	1.8E-04	1.8E-04	6.1E-05	6.1E-05	2.9E-05	2.9E-05
	Sediments	6.0E-06	6.0E-06	6.0E-06	6.0E-06	6.0E-06	6.0E-06	6.0E-06	6.0E-06
	Total Residential Site Risks Including Arsenic	2.3E-04	2.7E-04	1.9E-04	2.2E-04	6.9E-05	8.2E-05	3.6E-05	4.3E-05
	Soils	4.8E-06	3.7E-05	3.1E-06	2.4E-05	3.8E-07	2.9E-06	0.00E+00	0.00E+00
	Produce	1.8E-04	1.8E-04	1.3E-04	1.3E-04	1.2E-05	1.2E-05	0.00E+00	0.00E+00
	Sediments	4.3E-06	4.3E-06	4.3E-06	4.3E-06	4.3E-06	4.3E-06	4.3E-06	4.3E-06
	Total Residential Site Risks Excluding Arsenic	1.9E-04	2.2E-04	1.4E-04	1.6E-04	1.7E-05	1.9E-05	4.3E-06	4.3E-06
	Total On-Site Worker Site Risks	1.7E-06	1.9E-05	1.4E-06	1.5E-05	5.9E-07	5.4E-06	3.1E-07	2.7E-06
	On-Site Worker - Excluding Arsenic	1.3E-06	1.5E-05	8.2E-07	9.9E-06	9.9E-08	1.2E-06	0.0E+00	0.0E+00
	soil depth	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface	Surface	Subsurface
	Total Construction Worker Site Risk	1.9E-06	1.6E-06	1.5E-06	8.8E-07	6.4E-07	7.4E-07	3.4E-07	3.9E-07
			Sitewide Risks						
			CT	RME					
	Sediment	Shellfisherman	1.7E-06	1.4E-05					
Groundwater		5.1E-05	6.1E-04						
Tissue	Clams	2.0E-04	1.1E-03						
	Mussels	7.2E-05	4.0E-04						
	Lobster	1.6E-04	9.0E-04						
	Tomally	2.6E-04	1.4E-03						
	Reference Clams		1.1E-03						
	Reference Mussels		4.9E-04						

BOLD - total site cancer risks exceed the MDEP target risk of 1×10^{-6} .

CT - Central Tendency

RME - Reasonable Maximum Exposure

Table 5-14
Total Site Non Carcinogenic Risks
Bailey Point

Medium	Plant Area			Warehouse 2/3			345 kV Transmission Line			Bailey Farmhouse			
	CT	RME	Child	CT	RME	Child	CT	RME	Child	CT	RME	Child	
Soils	Soils	0.1	0.2	0.8	0.2	0.3	1.2	0.2	0.3	1.1	0.1	0.2	0.7
	Produce	0.4	0.4		1.3	1.3		0.2	0.2		0.2	0.2	
	Sediments	0.03	0.03		0.03	0.03		0.03	0.03		0.03	0.03	
	Total Residential Site Risks Including Arsenic	0.5	0.6		1.5	1.6		0.4	0.6		0.3	0.4	
	Total On-Site Worker Site Risks	0.04	0.09		0.06	0.1		0.06	0.1		0.04	0.08	
Total Construction Worker Site Risks	Surface	Subsurface		Surface	Subsurface		Surface	Subsurface		Surface	Subsurface		
	0.06	0.05		0.10	0.08		0.05	0.08		0.04	0.04		
Shellfisherman Groundwater Tissue	Sitewide Risks												
	CT	RME	Child										
	0.01	0.05											
	4	80											
	Clams	6	10	10									
	Mussels	2	3	3									
	Lobster	3	5	5									
Tomally	7	11	12										
Reference Clams		10											
Reference Mussels		3											

BOLD - total site non cancer risks exceed the MDEP target risk of 1 HI = 1.0.

CT - Central Tendency

RME - Reasonable Maximum Exposure