

**98% Capture
Scenario
(Ship Loading)**

Model Screening Results –

Pollutant	Averaging Period	SIL	NAAQS	Scaling Factor	Maximum Im	
					Point Sources	Receiving Building Fugitives
		(µg/m ³)	(µg/m ³)		(µg/m ³)	(µg/m ³)
Model Default	1-hr	n/a	n/a	n/a	0.107	4.700
PM ₁₀	Annual	1	n/a	0.1	0.011	0.470
	24-hour	5	150	0.6	0.064	2.820
PM _{2.5}	Annual	0.3	12	0.0377	0.004	0.177
	24-Hour	1.2	35	0.2262	0.024	1.063

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Ambient Impact, 98% Shiploader Capture

Impact	Combined Maximum Impact Concentration	Exceeds SIL?	Background Concentration	Combined Concentration	Exceeds NAAQS?	5% opacity (per ORCAA)
Ship Loader Fugitives						
(µg/m ³)	(µg/m ³)					
1.120	5.927	--	--	--	--	
0.112	0.593	No	--	--	--	
0.672	3.556	No	42.31	45.866	No	
0.042	0.223	No	5.16	5.383	No	
0.253	1.340	Yes	12.69	14.030	No	

Ambient Impact, 90% Shiploader Capture

Impact	Combined Maximum Impact Concentration	Exceeds SIL?	Background Concentration	Combined Concentration	Exceeds NAAQS?	20% opacity (per ORCAA)
Ship Loader Fugitives						
(µg/m ³)	(µg/m ³)					
5.600	10.407	--	--	--	--	
0.560	1.041	Yes	--	--	--	
3.360	6.244	Yes	42.31	48.554	No	
0.211	0.392	Yes	5.16	5.552	No	
1.267	2.354	Yes	12.69	15.044	No	

Potential To Emit

Pollutant	Source	PTE by Source Type (tpy)	Total PTE (tpy)	Facility-wide PTE (T2 + T4)	Shiploader Contribution (tpy, fugitive)
PM10	Point	0.08	4.62	40.77	--
	Fugitive	4.54			0.77
PM2.5	Point	0.01	0.78	36.93	--
	Fugitive	0.77			0.14

Potential To Emit

Pollutant	Source	PTE by Source Type (tpy)	Total PTE (tpy)	Facility-wide PTE (T2 + T4)	Shiploader Contribution (tpy, fugitive)
PM10	Point	0.08	7.71	43.86	--
	Fugitive	7.63			3.86
PM2.5	Point	0.01	1.36	37.51	--
	Fugitive	1.34			0.71