

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

**Model Screening Results –**

Pollutant	Averaging Period	SIL	NAAQS	Scaling Factor	Maximum Impacts	
					Point Sources	Receiving Building Fugitives
		( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )		( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )
<b>Model Default</b>	<b>1-hr</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>0.107</b>	<b>4.700</b>
PM <sub>10</sub>	Annual	1	n/a	0.1	0.011	0.470
	24-hour	5	150	0.6	0.064	2.820
PM <sub>2.5</sub>	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% Shipoader Capture**

Ship Loader Fugitives	Combined Maximum Impact Concentration	Exceeds SIL?	Background Concentration	Combined Concentration	Exceeds NAAQS?
( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )				
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

5% opacity (per ORCAA)

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( $\mu\text{g}/\text{m}^3$ )	( $\mu\text{g}/\text{m}^3$ )				
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

20% opacity (per ORCAA)

**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

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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