

STANDARD CHLORINE SITE ENVIRONMENTAL DATA SUMMARY (1)
January 2003

Media	Contaminant/Chemical	Concentration	Risk/Criteria Information	Actions
Soil 08/01/02	<p>A soil sample collected from along the RR tracks within the fenced area of the Facility indicates the following:</p> <p>CDD/CDF (reported as toxicity equivalents, TEQ)</p> <p>#4 (RR track area)</p> <p>PCB (as arochlor)</p>	<p>1,035 pg/g</p> <p>None Detected</p>	<p>PCB levels above 50 mg/kg are regulated by TSCA. EPA may establish soil cleanup levels for dioxin starting between 1 and 20 ug/kg (TEQ). The current 10^{-5} lifetime cancer risk level for dioxin in industrial soil is 0.38 ug/kg.</p>	<p>This sample result, and others, resulted in the collection of additional soil samples to further characterize the potential extent of soil contamination in order to ensure protection of on-Site workers.</p>
Soil 08/01/02	<p>A sample of dust/debris from within the PCB storage area within the warehouse indicates the following</p> <p>CDD/CDF (reported as toxicity equivalents, TEQ)</p> <p>#5 (PCB storage area)</p> <p>PCB (as arochlor)</p>	<p>5,926 pg/g</p> <p>None Detected</p>	<p>PCB levels above 50 mg/kg are regulated by TSCA. EPA may establish soil cleanup levels for dioxin starting between 1 and 20 ug/kg (TEQ). The current 10^{-5} lifetime cancer risk level for dioxin in industrial soil is 0.38 ug/kg.</p>	<p>This sample indicates a potential need to conduct cleanup operations in this area of the warehouse.</p>

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<p>Soil 10/15/02</p>	<p>8 composite soil samples from throughout the Facility were collected and indicate the following:</p> <p>CDD/CDF (reported as toxicity equivalents, TEQ)</p> <p>07 (entry area) 816 pg/g 08 (crock area) 913 pg/g 09 (C3 waste column area) 23,127 pg/g 10 (para production columns area) 643 pg/g 11 (WWTP area) 1627 pg/g 12 (waste drum storage area) 788 pg/g 13 (NE corner area) 1887 pg/g 14 (EIF tank farm area) 542 pg/g</p>		<p>E P A m a y establish soil cleanup levels for dioxin starting between 1 and 20 ug/kg (1,000 and 20,000 pg/g) (TEQ). The current 10⁻⁵ lifetime cancer risk level for dioxin in industrial soil is 0.38 ug/kg.</p>	<p>Site activities in the area of concern (C3 column) have been limited and engineering controls (e.g., dust suppression) will be implemented in the event of increased air particulate concentrations.</p>
<p>Sediment 10/15/02</p>	<p>A sample collected from the basins collecting sediment before migration off the Facility</p> <p>CDD/CDF (reported as toxicity equivalents, TEQ)</p> <p>15 (West) 200 pg/g 16 (East) 1270 pg/g</p>		<p>E P A m a y establish soil cleanup levels for dioxin starting between 1 and 20 ug/kg (1,000 and 20,000 pg/g) (TEQ). The current 10⁻⁵ lifetime cancer risk level for dioxin in industrial soil is 0.38 ug/kg.</p>	