

U.S. EDC/VCM/PVC Industry Releases of PCDDs/PCDFs

Estimated Annual Releases in Grams of
2,3,7,8-TCDD TEQs (I-TEFS/89) for Interim Phase I Report Streams

Table 1-1

Media Sampled	Number of Samples		Estimated Mass Releases ^{1/}	
	Samples Collected	Positive Findings	ND=0 grams/yr	ND=DL/2 grams/yr
<i>Potential Releases from PVC Resins and EDC</i>				
Suspension and Mass PVC Resin	20	1	0	0 - 6.0 ^{2/}
Dispersion PVC Resin	6	3	0.0004	0.1
EDC	5	1	0.008	0.29
<i>Potential Environmental Releases</i>				
Treated Wastewater (PVC sites)	6	2	0.011	0.15
Treated Wastewater (EDC/VCM and EDC/VCM/PVC sites)	4	4	0.032	0.17
Total for Interim Phase I Report Streams	41	11	0.05	4.0

^{1/} Based on arithmetic average of sample results in each sample media.

^{2/} Range based on 95 percent confidence interval. Although not presented in this table, when the the 95 percent confidence interval is applied to results for other sample matrices, the lower bound value frequently is zero grams/year.

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