

US EPA ARCHIVE DOCUMENT

APPENDIX F

Media Concentrations

Table F.1.1 Media Concentrations for the Maximum of the High-end Exposures Through the Vegetable Ingestion Pathway

Constituent	TEF's	Congener Specific Concentration			
		Vegetable Ingestion Pathway			
		Combined Air Concentration (µg/m ³)	Tilled Soil Concentration (mg/kg)	Aboveground Vegetable Concentration (mg/kg DW)	Root Vegetable Concentration (mg/kg DW)
Incinerators		Maximum			
2,3,7,8-TCDD	1.000	1E-9	1E-8	7E-10	2E-11
OCDD, 1,2,3,4,5,7,8,9-	0.001	2E-8	4E-7	1E-8	3E-10
HxCDD, 1,2,3,7,8,9-	0.100	2E-9	5E-8	2E-9	5E-11
OCDF, 1,2,3,4,6,7,8,9-	0.001	5E-8	1E-6	3E-8	5E-10
HxCDD, 1,2,3,4,7,8-	0.100	1E-9	3E-8	1E-9	2E-11
PeCDD, 1,2,3,7,8-	0.500	1E-9	2E-8	9E-10	3E-11
TCDF, 2,3,7,8-	0.100	2E-8	2E-7	2E-8	4E-10
HpCDF, 1,2,3,4,7,8,9-	0.010	1E-8	2E-7	8E-9	2E-10
PeCDF, 2,3,4,7,8-	0.500	2E-8	3E-7	3E-8	4E-10
PeCDF, 1,2,3,7,8-	0.050	1E-8	2E-7	3E-8	3E-10
HxCDF, 1,2,3,6,7,8-	0.100	3E-8	6E-7	2E-8	6E-10
HxCDD, 1,2,3,6,7,8-	0.100	2E-9	4E-8	2E-9	5E-11
HxCDF, 2,3,4,6,7,8-	0.100	2E-8	5E-7	2E-8	5E-10
HpCDF, 1,2,3,4,6,7,8-	0.010	1E-7	2E-6	8E-8	2E-9
HxCDF, 1,2,3,4,7,8-	0.100	6E-8	1E-6	4E-8	1E-9
HxCDF, 1,2,3,7,8,9-	0.100	2E-9	5E-8	2E-9	5E-11
HpCDD, 1,2,3,6,7,8,9-	0.010	9E-9	2E-7	5E-9	1E-10
2,3,7,8-TCDD-TEQ	--	3E-8	5E-7	3E-8	6E-10
<p>The media concentrations presented above are based on the facility with the maximum of the high end risk for the produce ingestion pathways (Home Gardener or Subsistence Farmer).</p>					

Table F.1.1 Media Concentrations for the Maximum of the High-end Exposures Through the Vegetable Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentration			
		Vegetable Ingestion Pathway			
		Combined Air Concentration ($\mu\text{g}/\text{m}^3$)	Tilled Soil Concentration (mg/kg)	Aboveground Vegetable Concentration (mg/kg DW)	Root Vegetable Concentration (mg/kg DW)
Cement Kilns				Maximum	
2,3,7,8-TCDD	1.000	0E+0	2E-7	2E-9	3E-10
OCDD, 1,2,3,4,5,7,8,9-	0.001	0E+0	2E-6	5E-8	2E-9
HxCDD, 1,2,3,7,8,9-	0.100	0E+0	2E-6	3E-8	2E-9
OCDF, 1,2,3,4,6,7,8,9-	0.001	0E+0	2E-7	5E-9	1E-10
HxCDD, 1,2,3,4,7,8-	0.100	0E+0	9E-7	2E-8	7E-10
PeCDD, 1,2,3,7,8-	0.500	0E+0	7E-7	1E-8	1E-9
TCDF, 2,3,7,8-	0.100	0E+0	6E-6	6E-8	9E-9
HpCDF, 1,2,3,4,7,8,9-	0.010	0E+0	3E-7	5E-9	2E-10
PeCDF, 2,3,4,7,8-	0.500	0E+0	3E-6	5E-8	4E-9
PeCDF, 1,2,3,7,8-	0.050	0E+0	1E-6	2E-8	2E-9
HxCDF, 1,2,3,6,7,8-	0.100	0E+0	8E-7	2E-8	9E-10
HxCDD, 1,2,3,6,7,8-	0.100	0E+0	1E-6	2E-8	1E-9
HxCDF, 2,3,4,6,7,8-	0.100	0E+0	2E-6	4E-8	2E-9
HpCDF, 1,2,3,4,6,7,8-	0.010	0E+0	8E-7	2E-8	6E-10
HxCDF, 1,2,3,4,7,8-	0.100	0E+0	2E-6	4E-8	2E-9
HxCDF, 1,2,3,7,8,9-	0.100	0E+0	2E-7	4E-9	2E-10
HpCDD, 1,2,3,6,7,8,9-	0.010	0E+0	5E-6	1E-7	3E-9
2,3,7,8-TCDD-TEQ	--	0E+0	4E-6	6E-8	5E-9
<p>The media concentrations presented above are based on the facility with the maximum of the high end risk for the produce ingestion pathways (Home Gardener or Subsistence Farmer).</p>					

Table F.1.1 Media Concentrations for the Maximum of the High-end Exposures Through the Vegetable Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentration			
		Vegetable Ingestion Pathway			
		Combined Air Concentration (µg/m ³)	Tilled Soil Concentration (mg/kg)	Aboveground Vegetable Concentration (mg/kg DW)	Root Vegetable Concentration (mg/kg DW)
Lightweight Aggregate Kilns		Maximum			
2,3,7,8-TCDD	1.000	2E-11	5E-10	2E-11	7E-13
OCDD, 1,2,3,4,5,7,8,9-	0.001	2E-09	6E-08	2E-09	5E-11
HxCDD, 1,2,3,7,8,9-	0.100	8E-11	2E-09	8E-11	3E-12
OCDF, 1,2,3,4,6,7,8,9-	0.001	4E-10	1E-08	4E-10	6E-12
HxCDD, 1,2,3,4,7,8-	0.100	4E-11	1E-09	5E-11	1E-12
PeCDD, 1,2,3,7,8-	0.500	5E-11	1E-09	5E-11	2E-12
TCDF, 2,3,7,8-	0.100	1E-10	3E-09	1E-10	4E-12
HpCDF, 1,2,3,4,7,8,9-	0.010	7E-11	2E-09	7E-11	2E-12
PeCDF, 2,3,4,7,8-	0.500	1E-10	3E-09	2E-10	4E-12
PeCDF, 1,2,3,7,8-	0.050	1E-10	3E-09	3E-10	4E-12
HxCDF, 1,2,3,6,7,8-	0.100	9E-11	3E-09	9E-11	3E-12
HxCDD, 1,2,3,6,7,8-	0.100	6E-11	2E-09	6E-11	2E-12
HxCDF, 2,3,4,6,7,8-	0.100	1E-10	4E-09	1E-10	5E-12
HpCDF, 1,2,3,4,6,7,8-	0.010	4E-10	1E-08	4E-10	9E-12
HxCDF, 1,2,3,4,7,8-	0.100	2E-10	6E-09	2E-10	7E-12
HxCDF, 1,2,3,7,8,9-	0.100	5E-11	2E-09	5E-11	2E-12
HpCDD, 1,2,3,6,7,8,9-	0.010	4E-10	1E-08	4E-10	9E-12
2,3,7,8-TCDD-TEQ	--	2E-10	6E-09	3E-10	7E-12
<p>The media concentrations presented above are based on the facility with the maximum of the high end risks for the produce ingestion pathways (Home Gardener or Subsistence Farmer).</p>					

Table F.1.2 Media Concentrations for the Maximum of the High-end Exposures Through the Beef Ingestion Pathway

Constituent	TEF's	Congener Specific Concentration						
		Beef Ingestion Pathway						
		Combined Air Concentration (µg/m ³)	Soil Concentration		Forage Concentration (mg/kg)	Grain Concentration (mg/kg)	Silage Concentration (mg/kg)	Beef Concentration (mg/kg)
Tilled	Untilled							
Incinerators		Maximum						
2,3,7,8-TCDD	1.000	1E-9	1E-8	6E-8	5E-8	9E-11	2E-8	4E-8
OCDD, 1,2,3,4,5,7,8,9-	0.001	2E-8	4E-7	8E-6	6E-7	6E-10	2E-7	8E-8
HxCDD, 1,2,3,7,8,9-	0.100	2E-9	5E-8	7E-7	1E-7	1E-10	3E-8	4E-8
OCDF, 1,2,3,4,6,7,8,9-	0.001	5E-8	1E-6	2E-5	2E-6	3E-10	5E-7	1E-7
HxCDD, 1,2,3,4,7,8-	0.100	1E-9	3E-8	5E-7	9E-8	4E-11	3E-8	3E-8
PeCDD, 1,2,3,7,8-	0.500	1E-9	2E-8	3E-7	6E-8	1E-10	2E-8	4E-8
TCDF, 2,3,7,8-	0.100	2E-8	2E-7	1E-6	1E-6	2E-9	6E-7	1E-7
HpCDF, 1,2,3,4,7,8,9-	0.010	1E-8	2E-7	3E-6	5E-7	3E-10	2E-7	6E-8
PeCDF, 2,3,4,7,8-	0.500	2E-8	3E-7	4E-6	3E-6	1E-9	1E-6	2E-6
PeCDF, 1,2,3,7,8-	0.050	1E-8	2E-7	2E-6	2E-6	9E-10	1E-6	2E-7
HxCDF, 1,2,3,6,7,8-	0.100	3E-8	6E-7	9E-6	1E-6	1E-9	4E-7	5E-7
HxCDD, 1,2,3,6,7,8-	0.100	2E-9	4E-8	6E-7	1E-7	1E-10	4E-8	4E-8
HxCDF, 2,3,4,6,7,8-	0.100	2E-8	5E-7	7E-6	1E-6	1E-9	3E-7	4E-7
HpCDF, 1,2,3,4,6,7,8-	0.010	1E-7	2E-6	3E-5	5E-6	2E-9	2E-6	4E-7
HxCDF, 1,2,3,4,7,8-	0.100	6E-8	1E-6	1E-5	2E-6	3E-9	8E-7	1E-6
HxCDF, 1,2,3,7,8,9-	0.100	2E-9	5E-8	6E-7	1E-7	1E-10	4E-8	4E-8
HpCDD, 1,2,3,6,7,8,9-	0.010	9E-9	2E-7	4E-6	3E-7	1E-10	1E-7	3E-8
2,3,7,8-TCDD-TEQ	--	3E-8	5E-7	6E-6	2E-6	2E-9	1E-6	1E-6

The media concentrations presented above are based on the facility with the maximum of the high end risks for the beef ingestion pathway (Subsistence Beef Farmer).

Table F.1.2 Media Concentrations for the Maximum of the High-end Exposures Through the Beef Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentration						
		Beef Ingestion Pathway						
		Combined Air Concentration (µg/m ³)	Soil Concentration		Forage Concentration (mg/kg)	Grain Concentration (mg/kg)	Silage Concentration (mg/kg)	Beef Concentration (mg/kg)
Tilled	Untilled							
Cement Kilns		Maximum						
2,3,7,8-TCDD	1.000	5E-10	5E-9	2E-8	2E-8	3E-11	9E-9	1E-8
OCDD, 1,2,3,4,5,7,8,9-	0.001	6E-9	1E-7	2E-6	2E-7	2E-10	6E-8	2E-8
HxCDD, 1,2,3,7,8,9-	0.100	5E-9	8E-8	1E-6	2E-7	2E-10	6E-8	7E-8
OCDF, 1,2,3,4,6,7,8,9-	0.001	7E-10	1E-8	3E-7	2E-8	4E-12	6E-9	2E-9
HxCDD, 1,2,3,4,7,8-	0.100	3E-9	5E-8	8E-7	1E-7	6E-11	6E-8	5E-8
PeCDD, 1,2,3,7,8-	0.500	2E-9	3E-8	4E-7	1E-7	2E-10	4E-8	7E-8
TCDF, 2,3,7,8-	0.100	1E-8	2E-7	8E-7	8E-7	1E-9	4E-7	9E-8
HpCDF,1,2,3,4,7,8,9-	0.010	7E-10	1E-8	2E-7	3E-8	1E-11	1E-8	4E-9
PeCDF, 2,3,4,7,8-	0.500	8E-9	1E-7	1E-6	1E-6	5E-10	5E-7	6E-7
PeCDF, 1,2,3,7,8-	0.050	4E-9	5E-8	5E-7	7E-7	2E-10	3E-7	7E-8
HxCDF, 1,2,3,6,7,8-	0.100	2E-9	4E-8	6E-7	8E-8	1E-10	3E-8	3E-8
HxCDD, 1,2,3,6,7,8-	0.100	3E-9	6E-8	8E-7	1E-7	1E-10	5E-8	6E-8
HxCDF, 2,3,4,6,7,8-	0.100	5E-9	9E-8	1E-6	2E-7	2E-10	6E-8	7E-8
HpCDF,1,2,3,4,6,7,8-	0.010	2E-9	4E-8	6E-7	1E-7	5E-11	4E-8	8E-9
HxCDF, 1,2,3,4,7,8-	0.100	5E-9	1E-7	1E-6	2E-7	2E-10	6E-8	1E-7
HxCDF, 1,2,3,7,8,9-	0.100	5E-10	9E-9	1E-7	2E-8	2E-11	8E-9	8E-9
HpCDD, 1,2,3,6,7,8,9-	0.010	1E-8	3E-7	5E-6	5E-7	2E-10	2E-7	4E-8
2,3,7,8-TCDD-TEQ	--	1E-8	1E-7	2E-6	9E-7	6E-10	4E-7	4E-7

The media concentrations presented above are based on the facility with the maximum of the high end risks for the beef ingestion pathway (Subsistence Beef Farmer).

Table F.1.2 Media Concentrations for the Maximum of the High-end Exposures Through the Beef Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentration						
		Beef Ingestion Pathway						
		Combined Air Concentration (µg/m ³)	Soil Concentration		Forage Concentration (mg/kg)	Grain Concentration (mg/kg)	Silage Concentration (mg/kg)	Beef Concentration (mg/kg)
Tilled	Untilled							
Lightweight Aggregate Kilns		Maximum						
2,3,7,8-TCDD	1.000	2E-11	1E-10	6E-10	7E-10	8E-13	3E-10	5E-10
OCDD, 1,2,3,4,5,7,8,9-	0.001	2E-09	2E-08	4E-07	3E-08	3E-11	9E-09	4E-09
HxCDD, 1,2,3,7,8,9-	0.100	7E-11	7E-10	1E-08	2E-09	2E-12	6E-10	6E-10
OCDF, 1,2,3,4,6,7,8,9-	0.001	3E-10	4E-09	8E-08	6E-09	1E-12	2E-09	5E-10
HxCDD, 1,2,3,4,7,8-	0.100	4E-11	4E-10	7E-09	2E-09	5E-13	7E-10	6E-10
PeCDD, 1,2,3,7,8-	0.500	4E-11	4E-10	6E-09	2E-09	2E-12	7E-10	1E-09
TCDF, 2,3,7,8-	0.100	1E-10	7E-10	4E-09	6E-09	5E-12	3E-09	6E-10
HpCDF, 1,2,3,4,7,8,9-	0.010	6E-11	6E-10	8E-09	2E-09	7E-13	6E-10	2E-10
PeCDF, 2,3,4,7,8-	0.500	1E-10	9E-10	1E-08	1E-08	4E-12	6E-09	7E-09
PeCDF, 1,2,3,7,8-	0.050	1E-10	9E-10	1E-08	2E-08	4E-12	9E-09	2E-09
HxCDF, 1,2,3,6,7,8-	0.100	8E-11	8E-10	1E-08	2E-09	2E-12	7E-10	8E-10
HxCDD, 1,2,3,6,7,8-	0.100	5E-11	6E-10	7E-09	2E-09	1E-12	6E-10	6E-10
HxCDF, 2,3,4,6,7,8-	0.100	1E-10	1E-09	2E-08	3E-09	3E-12	1E-09	1E-09
HpCDF, 1,2,3,4,6,7,8-	0.010	3E-10	4E-09	5E-08	1E-08	4E-12	4E-09	8E-10
HxCDF, 1,2,3,4,7,8-	0.100	2E-10	2E-09	2E-08	4E-09	4E-12	1E-09	2E-09
HxCDF, 1,2,3,7,8,9-	0.100	5E-11	5E-10	7E-09	1E-09	1E-12	5E-10	5E-10
HpCDD, 1,2,3,6,7,8,9-	0.010	4E-10	4E-09	8E-08	9E-09	3E-12	3E-09	8E-10
2,3,7,8-TCDD-TEQ	--	2E-10	2E-09	2E-08	1E-08	6E-12	5E-09	5E-09
The media concentrations presented above are based on the facility with the maximum of the high end risks for the beef ingestion pathway (Subsistence Beef Farmer).								

Table F.1.3 Media Concentrations for the Maximum of the High-end Exposures Through the Dairy Ingestion Pathway

Constituent	TEF's	Congener Specific Concentration						
		Dairy Ingestion Pathway						
		Combined Air Concentration (µg/m ³)	Soil Concentration		Forage Concentration (mg/kg)	Grain Concentration (mg/kg)	Silage Concentration (mg/kg)	Diary Concentration (mg/kg)
Tilled	Untilled							
Incinerators		Maximum						
2,3,7,8-TCDD	1.000	1E-9	1E-8	6E-8	5E-8	9E-11	2E-8	8E-9
OCDD, 1,2,3,4,5,7,8,9-	0.001	2E-8	4E-7	8E-6	6E-7	6E-10	2E-7	1E-8
HxCDD, 1,2,3,7,8,9-	0.100	2E-9	5E-8	7E-7	1E-7	1E-10	3E-8	1E-8
OCDF, 1,2,3,4,6,7,8,9-	0.001	5E-8	1E-6	2E-5	2E-6	3E-10	5E-7	3E-8
HxCDD, 1,2,3,4,7,8-	0.100	1E-9	3E-8	5E-7	9E-8	4E-11	3E-8	9E-9
PeCDD, 1,2,3,7,8-	0.500	1E-9	2E-8	3E-7	6E-8	1E-10	2E-8	1E-8
TCDF, 2,3,7,8-	0.100	2E-8	2E-7	1E-6	1E-6	2E-9	6E-7	6E-8
HpCDF, 1,2,3,4,7,8,9-	0.010	1E-8	2E-7	3E-6	5E-7	3E-10	2E-7	3E-8
PeCDF, 2,3,4,7,8-	0.500	2E-8	3E-7	4E-6	3E-6	1E-9	1E-6	4E-7
PeCDF, 1,2,3,7,8-	0.050	1E-8	2E-7	2E-6	2E-6	9E-10	1E-6	7E-8
HxCDF, 1,2,3,6,7,8-	0.100	3E-8	6E-7	9E-6	1E-6	1E-9	4E-7	1E-7
HxCDD, 1,2,3,6,7,8-	0.100	2E-9	4E-8	6E-7	1E-7	1E-10	4E-8	9E-9
HxCDF, 2,3,4,6,7,8-	0.100	2E-8	5E-7	7E-6	1E-6	1E-9	3E-7	8E-8
HpCDF, 1,2,3,4,6,7,8-	0.010	1E-7	2E-6	3E-5	5E-6	2E-9	2E-6	9E-8
HxCDF, 1,2,3,4,7,8-	0.100	6E-8	1E-6	1E-5	2E-6	3E-9	8E-7	3E-7
HxCDF, 1,2,3,7,8,9-	0.100	2E-9	5E-8	6E-7	1E-7	1E-10	4E-8	1E-8
HpCDD, 1,2,3,6,7,8,9-	0.010	9E-9	2E-7	4E-6	3E-7	1E-10	1E-7	6E-9
2,3,7,8-TCDD-TEQ	--	3E-8	5E-7	6E-6	2E-6	2E-9	1E-6	3E-7
The media concentrations presented above are based on the facility with the maximum of the high end risks for the dairy ingestion pathway (Subsistence Dairy Farmer).								

Table F.1.3 Media Concentrations for the Maximum of the High-end Exposures Through the Dairy Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentration						
		Dairy Ingestion Pathway						
		Combined Air Concentration (µg/m³)	Soil Concentration		Forage Concentration (mg/kg)	Grain Concentration (mg/kg)	Silage Concentration (mg/kg)	Diary Concentration (mg/kg)
Tilled	Untilled							
Cement Kilns		Maximum						
2,3,7,8-TCDD	1.000	2E-11	3E-8	9E-8	1E-8	2E-10	4E-9	2E-9
OCDD, 1,2,3,4,5,7,8,9-	0.001	3E-10	3E-7	7E-6	3E-7	5E-10	1E-7	8E-9
HxCDD, 1,2,3,7,8,9-	0.100	2E-10	3E-7	3E-6	3E-7	6E-10	7E-8	3E-8
OCDF, 1,2,3,4,6,7,8,9-	0.001	3E-11	4E-8	8E-7	4E-8	1E-11	1E-8	9E-10
HxCDD, 1,2,3,4,7,8-	0.100	1E-10	1E-7	2E-6	1E-7	2E-10	4E-8	2E-8
PeCDD, 1,2,3,7,8-	0.500	8E-11	1E-7	1E-6	9E-8	7E-10	3E-8	2E-8
TCDF, 2,3,7,8-	0.100	6E-10	9E-7	4E-6	3E-7	6E-9	8E-8	2E-8
HpCDF, 1,2,3,4,7,8,9-	0.010	3E-11	4E-8	5E-7	4E-8	4E-11	1E-8	2E-9
PeCDF, 2,3,4,7,8-	0.500	3E-10	5E-7	5E-6	4E-7	2E-9	1E-7	7E-8
PeCDF, 1,2,3,7,8-	0.050	2E-10	2E-7	2E-6	2E-7	1E-9	5E-8	6E-9
HxCDF, 1,2,3,6,7,8-	0.100	9E-11	1E-7	2E-6	1E-7	3E-10	4E-8	2E-8
HxCDD, 1,2,3,6,7,8-	0.100	1E-10	2E-7	2E-6	2E-7	4E-10	5E-8	2E-8
HxCDF, 2,3,4,6,7,8-	0.100	2E-10	3E-7	4E-6	3E-7	7E-10	8E-8	3E-8
HpCDF, 1,2,3,4,6,7,8-	0.010	1E-10	1E-7	2E-6	1E-7	1E-10	4E-8	3E-9
HxCDF, 1,2,3,4,7,8-	0.100	2E-10	3E-7	3E-6	3E-7	7E-10	8E-8	4E-8
HxCDF, 1,2,3,7,8,9-	0.100	2E-11	3E-8	4E-7	3E-8	7E-11	8E-9	3E-9
HpCDD, 1,2,3,6,7,8,9-	0.010	6E-10	8E-7	2E-5	8E-7	6E-10	2E-7	2E-8
2,3,7,8-TCDD-TEQ	--	4E-10	6E-7	6E-6	4E-7	2E-9	1E-7	6E-8
The media concentrations presented above are based on the facility with the maximum of the high end risks for the dairy ingestion pathway (Subsistence Dairy Farmer).								

Table F.1.3 Media Concentrations for the Maximum of the High-end Exposures Through the Dairy Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentration						
		Dairy Ingestion Pathway						
		Combined Air Concentration (µg/m ³)	Soil Concentration		Forage Concentration (mg/kg)	Grain Concentration (mg/kg)	Silage Concentration (mg/kg)	Diary Concentration (mg/kg)
Tilled	Untilled							
Lightweight Aggregate Kilns		Maximum						
2,3,7,8-TCDD	1.000	2E-11	1E-10	6E-10	7E-10	8E-13	3E-10	1E-10
OCDD, 1,2,3,4,5,7,8,9-	0.001	2E-09	2E-08	4E-07	3E-08	3E-11	9E-09	6E-10
HxCDD, 1,2,3,7,8,9-	0.100	7E-11	7E-10	1E-08	2E-09	2E-12	6E-10	2E-10
OCDF, 1,2,3,4,6,7,8,9-	0.001	3E-10	4E-09	8E-08	6E-09	1E-12	2E-09	1E-10
HxCDD, 1,2,3,4,7,8-	0.100	4E-11	4E-10	7E-09	2E-09	5E-13	7E-10	2E-10
PeCDD, 1,2,3,7,8-	0.500	4E-11	4E-10	6E-09	2E-09	2E-12	7E-10	3E-10
TCDF, 2,3,7,8-	0.100	1E-10	7E-10	4E-09	6E-09	5E-12	3E-09	3E-10
HpCDF, 1,2,3,4,7,8,9-	0.010	6E-11	6E-10	8E-09	2E-09	7E-13	6E-10	8E-11
PeCDF, 2,3,4,7,8-	0.500	1E-10	9E-10	1E-08	1E-08	4E-12	6E-09	2E-09
PeCDF, 1,2,3,7,8-	0.050	1E-10	9E-10	1E-08	2E-08	4E-12	9E-09	6E-10
HxCDF, 1,2,3,6,7,8-	0.100	8E-11	8E-10	1E-08	2E-09	2E-12	7E-10	2E-10
HxCDD, 1,2,3,6,7,8-	0.100	5E-11	6E-10	7E-09	2E-09	1E-12	6E-10	1E-10
HxCDF, 2,3,4,6,7,8-	0.100	1E-10	1E-09	2E-08	3E-09	3E-12	1E-09	3E-10
HpCDF, 1,2,3,4,6,7,8-	0.010	3E-10	4E-09	5E-08	1E-08	4E-12	4E-09	2E-10
HxCDF, 1,2,3,4,7,8-	0.100	2E-10	2E-09	2E-08	4E-09	4E-12	1E-09	5E-10
HxCDF, 1,2,3,7,8,9-	0.100	5E-11	5E-10	7E-09	1E-09	1E-12	5E-10	1E-10
HpCDD, 1,2,3,6,7,8,9-	0.010	4E-10	4E-09	8E-08	9E-09	3E-12	3E-09	2E-10
2,3,7,8-TCDD-TEQ	--	2E-10	2E-09	2E-08	1E-08	6E-12	5E-09	1E-09
The media concentrations presented above are based on the facility with the maximum of the high end risks for the dairy ingestion pathway (Subsistence Dairy Farmer).								

Table F.1.4 Media Concentrations for the Maximum of the High-end Exposures Through the Pork Ingestion Pathway

Constituent	TEF's	Congener Specific Concentration					
		Pork Ingestion Pathway					
		Combined Air Concentration (µg/m³)	Soil Concentration		Grain Concentration (mg/kg)	Silage Concentration (mg/kg)	Pork Concentration (mg/kg)
Tilled	Untilled						
Incinerators		Maximum					
2,3,7,8-TCDD	1.000	1E-9	1E-8	6E-8	9E-11	2E-8	4E-9
OCDD, 1,2,3,4,5,7,8,9-	0.001	2E-8	4E-7	8E-6	6E-10	2E-7	2E-8
HxCDD, 1,2,3,7,8,9-	0.100	2E-9	5E-8	7E-7	1E-10	3E-8	9E-9
OCDF, 1,2,3,4,6,7,8,9-	0.001	5E-8	1E-6	2E-5	3E-10	5E-7	4E-8
HxCDD, 1,2,3,4,7,8-	0.100	1E-9	3E-8	5E-7	4E-11	3E-8	7E-9
PeCDD, 1,2,3,7,8-	0.500	1E-9	2E-8	3E-7	1E-10	2E-8	8E-9
TCDF, 2,3,7,8-	0.100	2E-8	2E-7	1E-6	2E-9	6E-7	1E-8
HpCDF, 1,2,3,4,7,8,9-	0.010	1E-8	2E-7	3E-6	3E-10	2E-7	1E-8
PeCDF, 2,3,4,7,8-	0.500	2E-8	3E-7	4E-6	1E-9	1E-6	2E-7
PeCDF, 1,2,3,7,8-	0.050	1E-8	2E-7	2E-6	9E-10	1E-6	2E-8
HxCDF, 1,2,3,6,7,8-	0.100	3E-8	6E-7	9E-6	1E-9	4E-7	1E-7
HxCDD, 1,2,3,6,7,8-	0.100	2E-9	4E-8	6E-7	1E-10	4E-8	8E-9
HxCDF, 2,3,4,6,7,8-	0.100	2E-8	5E-7	7E-6	1E-9	3E-7	9E-8
HpCDF, 1,2,3,4,6,7,8-	0.010	1E-7	2E-6	3E-5	2E-9	2E-6	8E-8
HxCDF, 1,2,3,4,7,8-	0.100	6E-8	1E-6	1E-5	3E-9	8E-7	3E-7
HxCDF, 1,2,3,7,8,9-	0.100	2E-9	5E-8	6E-7	1E-10	4E-8	9E-9
HpCDD, 1,2,3,6,7,8,9-	0.010	9E-9	2E-7	4E-6	1E-10	1E-7	9E-9
2,3,7,8-TCDD-TEQ	--	3E-8	5E-7	6E-6	2E-9	1E-6	7E-6

The media concentrations presented above are based on the facility with the maximum of the high end risks for the pork ingestion pathway (Subsistence Pork Farmer).

Table F.1.4 Media Concentrations for the Maximum of the High-end Exposures Through the Pork Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentration					
		Pork Ingestion Pathway					
		Combined Air Concentration (µg/m³)	Soil Concentration		Grain Concentration (mg/kg)	Silage Concentration (mg/kg)	Pork Concentration (mg/kg)
Tilled	Untilled						
Cement Kilns		Maximum					
2,3,7,8-TCDD	1.000	2E-11	3E-8	9E-8	2E-10	4E-9	3E-9
OCDD, 1,2,3,4,5,7,8,9-	0.001	3E-10	3E-7	7E-6	5E-10	1E-7	2E-8
HxCDD, 1,2,3,7,8,9-	0.100	2E-10	3E-7	3E-6	6E-10	7E-8	4E-8
OCDF, 1,2,3,4,6,7,8,9-	0.001	3E-11	4E-8	8E-7	1E-11	1E-8	2E-9
HxCDD, 1,2,3,4,7,8-	0.100	1E-10	1E-7	2E-6	2E-10	4E-8	3E-8
PeCDD, 1,2,3,7,8-	0.500	8E-11	1E-7	1E-6	7E-10	3E-8	3E-8
TCDF, 2,3,7,8-	0.100	6E-10	9E-7	4E-6	6E-9	8E-8	2E-8
HpCDF, 1,2,3,4,7,8,9-	0.010	3E-11	4E-8	5E-7	4E-11	1E-8	2E-9
PeCDF, 2,3,4,7,8-	0.500	3E-10	5E-7	5E-6	2E-9	1E-7	1E-7
PeCDF, 1,2,3,7,8-	0.050	2E-10	2E-7	2E-6	1E-9	5E-8	9E-9
HxCDF, 1,2,3,6,7,8-	0.100	9E-11	1E-7	2E-6	3E-10	4E-8	2E-8
HxCDD, 1,2,3,6,7,8-	0.100	1E-10	2E-7	2E-6	4E-10	5E-8	3E-8
HxCDF, 2,3,4,6,7,8-	0.100	2E-10	3E-7	4E-6	7E-10	8E-8	4E-8
HpCDF, 1,2,3,4,6,7,8-	0.010	1E-10	1E-7	2E-6	1E-10	4E-8	4E-9
HxCDF, 1,2,3,4,7,8-	0.100	2E-10	3E-7	3E-6	7E-10	8E-8	5E-8
HxCDF, 1,2,3,7,8,9-	0.100	2E-11	3E-8	4E-7	7E-11	8E-9	5E-9
HpCDD, 1,2,3,6,7,8,9-	0.010	6E-10	8E-7	2E-5	6E-10	2E-7	4E-8
2,3,7,8-TCDD-TEQ	--	4E-10	6E-7	6E-6	2E-9	1E-7	1E-7
<p>The media concentrations presented above are based on the facility with the maximum of the high end risks for the pork ingestion pathway (Subsistence Pork Farmer).</p>							

Table F.1.4 Media Concentrations for the Maximum of the High-end Exposures Through the Pork Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentration					
		Pork Ingestion Pathway					
		Combined Air Concentration (µg/m ³)	Soil Concentration		Grain Concentration (mg/kg)	Silage Concentration (mg/kg)	Pork Concentration (mg/kg)
Tilled	Untilled						
Lightweight Aggregate Kilns		Maximum					
2,3,7,8-TCDD	1.000	2E-11	1E-10	6E-10	8E-13	3E-10	4E-11
OCDD, 1,2,3,4,5,7,8,9-	0.001	2E-09	2E-08	4E-07	3E-11	9E-09	1E-09
HxCDD, 1,2,3,7,8,9-	0.100	7E-11	7E-10	1E-08	2E-12	6E-10	1E-10
OCDF, 1,2,3,4,6,7,8,9-	0.001	3E-10	4E-09	8E-08	1E-12	2E-09	2E-10
HxCDD, 1,2,3,4,7,8-	0.100	4E-11	4E-10	7E-09	5E-13	7E-10	1E-10
PeCDD, 1,2,3,7,8-	0.500	4E-11	4E-10	6E-09	2E-12	7E-10	2E-10
TCDF, 2,3,7,8-	0.100	1E-10	7E-10	4E-09	5E-12	3E-09	5E-11
HpCDF, 1,2,3,4,7,8,9-	0.010	6E-11	6E-10	8E-09	7E-13	6E-10	4E-11
PeCDF, 2,3,4,7,8-	0.500	1E-10	9E-10	1E-08	4E-12	6E-09	6E-10
PeCDF, 1,2,3,7,8-	0.050	1E-10	9E-10	1E-08	4E-12	9E-09	2E-10
HxCDF, 1,2,3,6,7,8-	0.100	8E-11	8E-10	1E-08	2E-12	7E-10	2E-10
HxCDD, 1,2,3,6,7,8-	0.100	5E-11	6E-10	7E-09	1E-12	6E-10	1E-10
HxCDF, 2,3,4,6,7,8-	0.100	1E-10	1E-09	2E-08	3E-12	1E-09	2E-10
HpCDF, 1,2,3,4,6,7,8-	0.010	3E-10	4E-09	5E-08	4E-12	4E-09	1E-10
HxCDF, 1,2,3,4,7,8-	0.100	2E-10	2E-09	2E-08	4E-12	1E-09	4E-10
HxCDF, 1,2,3,7,8,9-	0.100	5E-11	5E-10	7E-09	1E-12	5E-10	1E-10
HpCDD, 1,2,3,6,7,8,9-	0.010	4E-10	4E-09	8E-08	3E-12	3E-09	2E-10
2,3,7,8-TCDD-TEQ	--	2E-10	2E-09	2E-08	6E-12	5E-09	6E-10
<p>The media concentrations presented above are based on the facility with the maximum of the high end risks for the pork ingestion pathway (Subsistence Pork Farmer).</p>							

Table F.1.5 Media Concentrations for the Maximum of the High-end Exposures Through the Poultry Ingestion Pathway

Constituent	TEF's	Congener Specific Concentration			
		Poultry Ingestion Pathway			
		Combined Air Concentration (µg/m ³)	Untilled Soil Concentration (mg/kg)	Egg Concentration (mg/kg)	Poultry Concentration (mg/kg)
Incinerators		Maximum			
2,3,7,8-TCDD	1.000	1E-9	6E-8	7E-9	6E-9
OCDD, 1,2,3,4,5,7,8,9-	0.001	2E-8	8E-6	4E-7	3E-8
HxCDD, 1,2,3,7,8,9-	0.100	2E-9	7E-7	7E-8	3E-8
OCDF, 1,2,3,4,6,7,8,9-	0.001	5E-8	2E-5	6E-7	1E-7
HxCDD, 1,2,3,4,7,8-	0.100	1E-9	5E-7	8E-8	5E-8
PeCDD, 1,2,3,7,8-	0.500	1E-9	3E-7	3E-8	3E-8
TCDF, 2,3,7,8-	0.100	2E-8	1E-6	6E-8	1E-7
HpCDF, 1,2,3,4,7,8,9-	0.010	1E-8	3E-6	1E-7	5E-8
PeCDF, 2,3,4,7,8-	0.500	2E-8	4E-6	1E-6	5E-7
PeCDF, 1,2,3,7,8-	0.050	1E-8	2E-6	5E-7	2E-7
HxCDF, 1,2,3,6,7,8-	0.100	3E-8	9E-6	2E-6	7E-7
HxCDD, 1,2,3,6,7,8-	0.100	2E-9	6E-7	9E-8	6E-8
HxCDF, 2,3,4,6,7,8-	0.100	2E-8	7E-6	4E-7	3E-7
HpCDF, 1,2,3,4,6,7,8-	0.010	1E-7	3E-5	2E-6	5E-7
HxCDF, 1,2,3,4,7,8-	0.100	6E-8	1E-5	3E-6	1E-6
HxCDF, 1,2,3,7,8,9-	0.100	2E-9	6E-7	1E-7	5E-8
HpCDD, 1,2,3,6,7,8,9-	0.010	9E-9	4E-6	4E-7	8E-8
2,3,7,8-TCDD-TEQ	--	3E-8	6E-6	1E-6	5E-7
<p>The media concentrations presented above are based on the facility with the maximum of the high end risk for the poultry ingestion pathways (Subsistence Poultry Farmer). Chickens raised by the Subsistence Farmer are assumed contaminated through contaminated soil only.</p>					

Table F.1.5 Media Concentrations for the Maximum of the High-end Exposures Through the Poultry Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentration			
		Poultry Ingestion Pathway			
		Combined Air Concentration (µg/m ³)	Untilled Soil Concentration (mg/kg)	Egg Concentration (mg/kg)	Poultry Concentration (mg/kg)
Cement Kilns		Maximum			
2,3,7,8-TCDD	1.000	2E-11	9E-8	1E-8	1E-8
OCDD, 1,2,3,4,5,7,8,9-	0.001	3E-10	7E-6	3E-7	3E-8
HxCDD, 1,2,3,7,8,9-	0.100	2E-10	3E-6	3E-7	2E-7
OCDF, 1,2,3,4,6,7,8,9-	0.001	3E-11	8E-7	2E-8	6E-9
HxCDD, 1,2,3,4,7,8-	0.100	1E-10	2E-6	4E-7	2E-7
PeCDD, 1,2,3,7,8-	0.500	8E-11	1E-6	2E-7	2E-7
TCDF, 2,3,7,8-	0.100	6E-10	4E-6	2E-7	4E-7
HpCDF, 1,2,3,4,7,8,9-	0.010	3E-11	5E-7	2E-8	7E-9
PeCDF, 2,3,4,7,8-	0.500	3E-10	5E-6	1E-6	6E-7
PeCDF, 1,2,3,7,8-	0.050	2E-10	2E-6	5E-7	3E-7
HxCDF, 1,2,3,6,7,8-	0.100	9E-11	2E-6	3E-7	1E-7
HxCDD, 1,2,3,6,7,8-	0.100	1E-10	2E-6	4E-7	2E-7
HxCDF, 2,3,4,6,7,8-	0.100	2E-10	4E-6	2E-7	1E-7
HpCDF, 1,2,3,4,6,7,8-	0.010	1E-10	2E-6	1E-7	3E-8
HxCDF, 1,2,3,4,7,8-	0.100	2E-10	3E-6	6E-7	3E-7
HxCDF, 1,2,3,7,8,9-	0.100	2E-11	4E-7	6E-8	3E-8
HpCDD, 1,2,3,6,7,8,9-	0.010	6E-10	2E-5	1E-6	3E-7
2,3,7,8-TCDD-TEQ	--	4E-10	6E-6	1E-6	6E-7
<p>The media concentrations presented above are based on the facility with the maximum of the high end risk for the poultry ingestion pathways (Subsistence Poultry Farmer). Chickens raised by the Subsistence Farmer are assumed contaminated through contaminated soil only.</p>					

Table F.1.5 Media Concentrations for the Maximum of the High-end Exposures Through the Poultry Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentration			
		Poultry Ingestion Pathway			
		Combined Air Concentration (µg/m ³)	Untilled Soil Concentration (mg/kg)	Egg Concentration (mg/kg)	Poultry Concentration (mg/kg)
Lightweight Aggregate Kilns		Maximum			
2,3,7,8-TCDD	1.000	2E-11	6E-10	7E-11	6E-11
OCDD, 1,2,3,4,5,7,8,9-	0.001	2E-09	4E-07	2E-08	1E-09
HxCDD, 1,2,3,7,8,9-	0.100	7E-11	1E-08	1E-09	5E-10
OCDF, 1,2,3,4,6,7,8,9-	0.001	3E-10	8E-08	2E-09	5E-10
HxCDD, 1,2,3,4,7,8-	0.100	4E-11	7E-09	1E-09	7E-10
PeCDD, 1,2,3,7,8-	0.500	4E-11	6E-09	7E-10	6E-10
TCDF, 2,3,7,8-	0.100	1E-10	4E-09	2E-10	4E-10
HpCDF, 1,2,3,4,7,8,9-	0.010	6E-11	8E-09	4E-10	1E-10
PeCDF, 2,3,4,7,8-	0.500	1E-10	1E-08	3E-09	1E-09
PeCDF, 1,2,3,7,8-	0.050	1E-10	1E-08	2E-09	1E-09
HxCDF, 1,2,3,6,7,8-	0.100	8E-11	1E-08	2E-09	1E-09
HxCDD, 1,2,3,6,7,8-	0.100	5E-11	7E-09	1E-09	7E-10
HxCDF, 2,3,4,6,7,8-	0.100	1E-10	2E-08	1E-09	7E-10
HpCDF, 1,2,3,4,6,7,8-	0.010	3E-10	5E-08	3E-09	8E-10
HxCDF, 1,2,3,4,7,8-	0.100	2E-10	2E-08	4E-09	2E-09
HxCDF, 1,2,3,7,8,9-	0.100	5E-11	7E-09	1E-09	5E-10
HpCDD, 1,2,3,6,7,8,9-	0.010	4E-10	8E-08	8E-09	2E-09
2,3,7,8-TCDD-TEQ	--	2E-10	2E-08	3E-09	2E-09
<p>The media concentrations presented above are based on the facility with maximum of the high end risks for the poultry ingestion pathway (Subsistence Poultry Farmer), Chickens raised by the Subsistence Farmer are assumed contaminated by ingestion of contaminated soil only.</p>					

Table F.1.6 Media Concentrations for the Maximum of the High-end Exposures Through the Fish Ingestion Pathway

Constituent	TEF's	Congener Specific Concentration					
		Fish Ingestion Pathway					
		Areally Averaged Vapor Air Concentration (µg/m ³)	Areally Averaged Soil Concentration (mg/kg)	Total Water Column Concentration (mg/l)	Dissolved Water Concentration (mg/l)	Sediment Concentration (mg/kg)	Fish Concentration (mg/kg)
Incinerators							
2,3,7,8-TCDD	1.000	1E-10	5E-09	1E-12	3E-13	4E-08	6E-09
OCDD, 1,2,3,4,5,7,8,9-	0.001	6E-13	4E-07	3E-11	2E-12	2E-06	3E-10
HxCDD, 1,2,3,7,8,9-	0.100	8E-12	4E-08	4E-12	4E-13	2E-07	1E-08
OCDF, 1,2,3,4,6,7,8,9-	0.001	2E-12	1E-06	8E-11	3E-13	4E-06	8E-10
HxCDD, 1,2,3,4,7,8-	0.100	2E-11	3E-08	2E-12	8E-14	1E-07	9E-09
PeCDD, 1,2,3,7,8-	0.500	5E-11	2E-08	2E-12	7E-13	7E-08	1E-08
TCDF, 2,3,7,8-	0.100	3E-09	1E-07	2E-11	6E-12	5E-07	8E-08
HpCDF,1,2,3,4,7,8,9-	0.010	6E-11	2E-07	2E-11	5E-13	9E-07	8E-09
PeCDF, 2,3,4,7,8-	0.500	1E-09	2E-07	3E-11	6E-12	1E-06	2E-07
PeCDF, 1,2,3,7,8-	0.050	8E-10	1E-07	2E-11	4E-12	6E-07	9E-08
HxCDF, 1,2,3,6,7,8-	0.100	3E-10	5E-07	5E-11	5E-12	2E-06	2E-07
HxCDD, 1,2,3,6,7,8-	0.100	1E-11	3E-08	3E-12	3E-13	2E-07	1E-08
HxCDF, 2,3,4,6,7,8-	0.100	3E-10	4E-07	4E-11	4E-12	2E-06	1E-07
HpCDF,1,2,3,4,6,7,8-	0.010	7E-10	2E-06	2E-10	4E-12	9E-06	8E-08
HxCDF, 1,2,3,4,7,8-	0.100	6E-10	9E-07	9E-11	9E-12	5E-06	3E-07
HxCDF, 1,2,3,7,8,9-	0.100	4E-11	4E-08	4E-12	4E-13	2E-07	1E-08
HpCDD, 1,2,3,6,7,8,9-	0.010	3E-11	2E-07	1E-11	2E-13	8E-07	7E-09
2,3,7,8-TCDD-TEQ	--	1E-09	4E-07	4E-11	6E-12	2E-06	2E-07
The media concentrations presented above are based on the facility with maximum of the high end risk for the fish ingestion pathway (Subsistence Fisher Scenario).							

Table F.1.6 Media Concentrations for the Maximum of the High-end Exposures Through the Fish Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentration					
		Fish Ingestion Pathway					
		Areally Averaged Vapor Air Concentration (µg/m ³)	Areally Averaged Soil Concentration (mg/kg)	Total Water Column Concentration (mg/l)	Dissolved Water Concentration (mg/l)	Sediment Concentration (mg/kg)	Fish Concentration (mg/kg)
Cement Kilns		Maximum					
2,3,7,8-TCDD	1.000	3E-10	1E-07	9E-12	3E-12	3E-07	5E-08
OCDD, 1,2,3,4,5,7,8,9-	0.001	1E-12	3E-06	2E-10	1E-11	1E-05	2E-09
HxCDD, 1,2,3,7,8,9-	0.100	1E-10	2E-06	1E-10	1E-11	7E-06	5E-07
OCDF, 1,2,3,4,6,7,8,9-	0.001	2E-13	4E-07	2E-11	8E-14	1E-06	2E-10
HxCDD, 1,2,3,4,7,8-	0.100	2E-10	1E-06	8E-11	3E-12	4E-06	3E-07
PeCDD, 1,2,3,7,8-	0.500	6E-10	9E-07	8E-11	3E-11	3E-06	4E-07
TCDF, 2,3,7,8-	0.100	1E-08	4E-06	4E-10	1E-10	1E-05	2E-06
HpCDF,1,2,3,4,7,8,9-	0.010	2E-11	3E-07	2E-11	5E-13	1E-06	9E-09
PeCDF, 2,3,4,7,8-	0.500	3E-09	4E-06	3E-10	5E-11	1E-05	2E-06
PeCDF, 1,2,3,7,8-	0.050	2E-09	2E-06	1E-10	3E-11	5E-06	7E-07
HxCDF, 1,2,3,6,7,8-	0.100	2E-10	1E-06	7E-11	7E-12	4E-06	2E-07
HxCDD, 1,2,3,6,7,8-	0.100	2E-10	2E-06	1E-10	1E-11	5E-06	3E-07
HxCDF, 2,3,4,6,7,8-	0.100	4E-10	2E-06	2E-10	2E-11	8E-06	5E-07
HpCDF,1,2,3,4,6,7,8-	0.010	1E-10	1E-06	7E-11	2E-12	3E-06	3E-08
HxCDF, 1,2,3,4,7,8-	0.100	4E-10	2E-06	2E-10	2E-11	8E-06	5E-07
HxCDF, 1,2,3,7,8,9-	0.100	6E-11	2E-07	2E-11	2E-12	8E-07	5E-08
HpCDD, 1,2,3,6,7,8,9-	0.010	3E-10	8E-06	5E-10	6E-12	2E-05	2E-07
2,3,7,8-TCDD-TEQ	--	3E-09	4E-06	3E-10	7E-11	1E-05	2E-06
The media concentration presented above are based on the facility with maximum of the high end risk for the fish ingestion pathway (Subsistence Fisher Scenario).							

Table F.1.6 Media Concentrations for the Maximum of the High-end Exposures Through the Fish Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentration					
		Fish Ingestion Pathway					
		Areally Averaged Vapor Air Concentration (µg/m³)	Areally Averaged Soil Concentration (mg/kg)	Total Water Column Concentration (mg/l)	Dissolved Water Concentration (mg/l)	Sediment Concentration (mg/kg)	Fish Concentration (mg/kg)
Lightweight Aggregate Kilns		Maximum					
2,3,7,8-TCDD	1.000	5E-12	4E-10	3E-14	1E-14	1E-09	2E-10
OCDD, 1,2,3,4,5,7,8,9-	0.001	2E-13	8E-08	5E-12	3E-13	2E-07	4E-11
HxCDD, 1,2,3,7,8,9-	0.100	7E-13	3E-09	2E-13	2E-14	9E-09	6E-10
OCDF, 1,2,3,4,6,7,8,9-	0.001	3E-14	2E-08	1E-12	3E-15	5E-08	9E-12
HxCDD, 1,2,3,4,7,8-	0.100	1E-12	2E-09	1E-13	4E-15	6E-09	4E-10
PeCDD, 1,2,3,7,8-	0.500	6E-12	2E-09	2E-13	5E-14	5E-09	8E-10
TCDF, 2,3,7,8-	0.100	4E-11	2E-09	2E-13	9E-14	7E-09	1E-09
HpCDF, 1,2,3,4,7,8,9-	0.010	9E-13	3E-09	2E-13	4E-15	8E-09	7E-11
PeCDF, 2,3,4,7,8-	0.500	1E-11	4E-09	3E-13	6E-14	1E-08	2E-09
PeCDF, 1,2,3,7,8-	0.050	2E-11	4E-09	3E-13	7E-14	1E-08	2E-09
HxCDF, 1,2,3,6,7,8-	0.100	2E-12	4E-09	2E-13	2E-14	1E-08	8E-10
HxCDD, 1,2,3,6,7,8-	0.100	1E-12	2E-09	1E-13	1E-14	7E-09	5E-10
HxCDF, 2,3,4,6,7,8-	0.100	4E-12	5E-09	3E-13	3E-14	2E-08	1E-09
HpCDF, 1,2,3,4,6,7,8-	0.010	7E-12	1E-08	9E-13	2E-14	4E-08	4E-10
HxCDF, 1,2,3,4,7,8-	0.100	5E-12	7E-09	5E-13	5E-14	2E-08	2E-09
HxCDF, 1,2,3,7,8,9-	0.100	3E-12	2E-09	1E-13	1E-14	6E-09	4E-10
HpCDD, 1,2,3,6,7,8,9-	0.010	4E-12	2E-08	1E-12	1E-14	6E-08	5E-10
2,3,7,8-TCDD-TEQ	--	2E-11	7E-09	5E-13	9E-14	2E-08	2E-09
The media concentrations presented here are based on the facility with the maximum of the high end risk for the fish ingestion pathway (Subsistence Fisher Scenario).							

Table F.2.1 Media Concentrations for the Minimum of the Central Tendency Exposures Through the Vegetable Ingestion Pathway

Constituent	TEF's	Congener Specific Concentrations			
		Vegetable Ingestion Pathway			
		Combined Air Concentration (µg/m³)	Tilled Soil Concentration (mg/kg)	Aboveground Vegetable Concentration (mg/kg)	Root Vegetable Concentration (mg/kg)
Incinerators		Minimum			
2,3,7,8-TCDD	1.000	6E-12	5E-11	2E-12	7E-14
OCDD, 1,2,3,4,5,7,8,9-	0.001	1E-10	1E-09	3E-11	1E-12
HxCDD, 1,2,3,7,8,9-	0.100	9E-12	1E-10	3E-12	1E-13
OCDF, 1,2,3,4,6,7,8,9-	0.001	1E-10	1E-09	2E-11	6E-13
HxCDD, 1,2,3,4,7,8-	0.100	8E-12	9E-11	4E-12	7E-14
PeCDD, 1,2,3,7,8-	0.500	6E-12	7E-11	3E-12	1E-13
TCDF, 2,3,7,8-	0.100	3E-11	3E-10	2E-11	4E-13
HpCDF, 1,2,3,4,7,8,9-	0.010	2E-11	7E-11	8E-12	5E-14
PeCDF, 2,3,4,7,8-	0.500	3E-11	3E-09	5E-11	3E-12
PeCDF, 1,2,3,7,8-	0.050	2E-11	2E-09	5E-11	2E-12
HxCDF, 1,2,3,6,7,8-	0.100	4E-11	2E-10	1E-11	2E-13
HxCDD, 1,2,3,6,7,8-	0.100	9E-12	1E-10	4E-12	2E-13
HxCDF, 2,3,4,6,7,8-	0.100	3E-11	3E-10	1E-11	4E-13
HpCDF, 1,2,3,4,6,7,8-	0.010	1E-10	3E-10	4E-11	2E-13
HxCDF, 1,2,3,4,7,8-	0.100	6E-11	4E-10	2E-11	5E-13
HxCDF, 1,2,3,7,8,9-	0.100	8E-12	1E-10	3E-12	1E-13
HpCDD, 1,2,3,6,7,8,9-	0.010	8E-12	1E-10	4E-12	6E-14
2,3,7,8-TCDD-TEQ	--	4E-11	2E-09	4E-11	2E-12
The media concentrations presented above are based on the facility with the minimum of the central tendency risks (Typical Resident Scenario).					

Table F.2.1 Media Concentrations for the Minimum of the Central Tendency Exposures Through the Vegetable Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentrations			
		Vegetable Ingestion Pathway			
		Combined Air Concentration (µg/m ³)	Tilled Soil Concentration (mg/kg)	Aboveground Vegetable Concentration (mg/kg)	Root Vegetable Concentration (mg/kg)
Cement Kilns		Minimum			
2,3,7,8-TCDD	1.000	3E-12	7E-11	2E-12	1E-13
OCDD, 1,2,3,4,5,7,8,9-	0.001	9E-11	3E-09	5E-11	2E-12
HxCDD, 1,2,3,7,8,9-	0.100	2E-10	6E-09	1E-10	6E-12
OCDF, 1,2,3,4,6,7,8,9-	0.001	9E-12	3E-10	4E-12	1E-13
HxCDD, 1,2,3,4,7,8-	0.100	1E-11	4E-10	1E-11	3E-13
PeCDD, 1,2,3,7,8-	0.500	1E-11	3E-10	9E-12	4E-13
TCDF, 2,3,7,8-	0.100	9E-11	2E-09	7E-11	3E-12
HpCDF, 1,2,3,4,7,8,9-	0.010	6E-12	2E-10	4E-12	1E-13
PeCDF, 2,3,4,7,8-	0.500	5E-11	1E-09	8E-11	2E-12
PeCDF, 1,2,3,7,8-	0.050	2E-11	6E-10	5E-11	8E-13
HxCDF, 1,2,3,6,7,8-	0.100	1E-11	4E-10	9E-12	5E-13
HxCDD, 1,2,3,6,7,8-	0.100	2E-11	5E-10	1E-11	5E-13
HxCDF, 2,3,4,6,7,8-	0.100	2E-11	6E-10	1E-11	7E-13
HpCDF, 1,2,3,4,6,7,8-	0.010	2E-11	5E-10	1E-11	4E-13
HxCDF, 1,2,3,4,7,8-	0.100	3E-11	9E-10	2E-11	9E-13
HxCDF, 1,2,3,7,8,9-	0.100	4E-12	1E-10	3E-12	1E-13
HpCDD, 1,2,3,6,7,8,9-	0.010	4E-12	1E-10	3E-12	8E-14
2.3.7.8-TCDD-TEQ	--	7E-11	2E-09	7E-11	2E-12
The media concentrations presented above are based on the facility with the minimum central tendency risks (Typical Resident Scenario).					

Table F.2.1 Media Concentrations for the Minimum of the Central Tendency Exposures Through the Vegetable Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentrations			
		Vegetable Ingestion Pathway			
		Combined Air Concentration (µg/m ³)	Tilled Soil Concentration (mg/kg)	Aboveground Vegetable Concentration (mg/kg)	Root Vegetable Concentration (mg/kg)
Lightweight Aggregate Kilns		Minimum			
2,3,7,8-TCDD	1.000	3E-12	5E-11	1E-12	7E-14
OCDD, 1,2,3,4,5,7,8,9-	0.001	3E-10	5E-09	8E-11	4E-12
HxCDD, 1,2,3,7,8,9-	0.100	7E-12	1E-10	3E-12	1E-13
OCDF, 1,2,3,4,6,7,8,9-	0.001	4E-11	8E-10	1E-11	4E-13
HxCDD, 1,2,3,4,7,8-	0.100	4E-12	7E-11	2E-12	5E-14
PeCDD, 1,2,3,7,8-	0.500	5E-12	9E-11	3E-12	1E-13
TCDF, 2,3,7,8-	0.100	1E-11	2E-10	8E-12	3E-13
HpCDF, 1,2,3,4,7,8,9-	0.010	9E-12	2E-10	4E-12	1E-13
PeCDF, 2,3,4,7,8-	0.500	1E-11	2E-10	2E-11	3E-13
PeCDF, 1,2,3,7,8-	0.050	1E-11	2E-10	2E-11	3E-13
HxCDF, 1,2,3,6,7,8-	0.100	1E-11	2E-10	4E-12	2E-13
HxCDD, 1,2,3,6,7,8-	0.100	5E-12	9E-11	2E-12	1E-13
HxCDF, 2,3,4,6,7,8-	0.100	2E-11	3E-10	6E-12	3E-13
HpCDF, 1,2,3,4,6,7,8-	0.010	3E-11	6E-10	1E-11	5E-13
HxCDF, 1,2,3,4,7,8-	0.100	2E-11	4E-10	9E-12	5E-13
HxCDF, 1,2,3,7,8,9-	0.100	5E-12	1E-10	2E-12	1E-13
HpCDD, 1,2,3,6,7,8,9-	0.010	5E-11	9E-10	2E-11	6E-13
2,3,7,8-TCDD-TEQ	--	2E-11	4E-10	2E-11	5E-13
The media concentrations presented here are based on the facility with the minimum of the central tendency risks (Typical Resident Scenario).					

Table F.2.2 Media Concentrations for the Minimum of the Central Tendency Exposures Through the Beef Ingestion Pathway

Constituent	TEF's	Congener Specific Concentrations						
		Beef Ingestion Pathway						
		Combined Air Concentration (µg/m³)	Soil Concentration (mg/kg)		Forage Concentration (mg/kg)	Grain Concentration (mg/kg)	Silage Concentration (mg/kg)	Beef Concentration (mg/kg)
Tilled	Untilled							
Incinerators		Minimum						
2,3,7,8-TCDD	1.000	6E-12	4E-11	2E-10	2E-10	2E-13	9E-11	6E-11
OCDD, 1,2,3,4,5,7,8,9-	0.001	1E-10	1E-09	3E-08	2E-09	2E-12	5E-10	1E-10
HxCDD, 1,2,3,7,8,9-	0.100	9E-12	9E-11	1E-09	2E-10	2E-13	7E-11	4E-11
OCDF, 1,2,3,4,6,7,8,9-	0.001	1E-10	1E-09	3E-08	1E-09	3E-13	4E-10	6E-11
HxCDD, 1,2,3,4,7,8-	0.100	8E-12	7E-11	2E-09	3E-10	9E-14	1E-10	5E-11
PeCDD, 1,2,3,7,8-	0.500	6E-12	5E-11	9E-10	2E-10	3E-13	1E-10	7E-11
TCDF, 2,3,7,8-	0.100	3E-11	2E-10	1E-09	2E-09	1E-12	8E-10	7E-11
HpCDF, 1,2,3,4,7,8,9-	0.010	2E-11	2E-10	4E-09	6E-10	2E-13	2E-10	3E-11
PeCDF, 2,3,4,7,8-	0.500	3E-11	2E-10	3E-09	3E-09	9E-13	2E-09	8E-10
PeCDF, 1,2,3,7,8-	0.050	2E-11	2E-10	2E-09	4E-09	8E-13	2E-09	2E-10
HxCDF, 1,2,3,6,7,8-	0.100	4E-11	4E-10	7E-09	8E-10	8E-13	3E-10	2E-10
HxCDD, 1,2,3,6,7,8-	0.100	9E-12	9E-11	2E-09	3E-10	2E-13	1E-10	5E-11
HxCDF, 2,3,4,6,7,8-	0.100	3E-11	3E-10	6E-09	8E-10	7E-13	3E-10	1E-10
HpCDF, 1,2,3,4,6,7,8-	0.010	1E-10	1E-09	2E-08	3E-09	1E-12	1E-09	1E-10
HxCDF, 1,2,3,4,7,8-	0.100	6E-11	6E-10	1E-08	1E-09	1E-12	5E-10	3E-10
HxCDF, 1,2,3,7,8,9-	0.100	8E-12	8E-11	1E-09	2E-10	2E-13	9E-11	4E-11
HpCDD, 1,2,3,6,7,8,9-	0.010	8E-12	8E-11	2E-09	4E-10	5E-14	2E-10	1E-11
2,3,7,8-TCDD-TEQ	--	4E-11	4E-10	6E-09	3E-09	1E-12	1E-09	6E-10
The media concentrations presented above are based on the facility with the minimum of the central tendency risks (Typical Resident Scenario).								

Table F.2.2 Media Concentrations for the Minimum of the Central Tendency Exposures Through the Beef Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentrations						
		Beef Ingestion Pathway						
		Combined Air Concentration (µg/m³)	Soil Concentration (mg/kg)		Forage Concentration (mg/kg)	Grain Concentration (mg/kg)	Silage Concentration (mg/kg)	Beef Concentration (mg/kg)
Tilled	Untilled							
Cement Kilns		Minimum						
2,3,7,8-TCDD	1.000	3E-12	6E-11	2E-10	1E-10	3E-13	6E-11	4E-11
OCDD, 1,2,3,4,5,7,8,9-	0.001	9E-11	2E-09	2E-08	3E-09	4E-12	9E-10	1E-10
HxCDD, 1,2,3,7,8,9-	0.100	2E-10	5E-09	3E-08	8E-09	1E-11	3E-09	1E-09
OCDF, 1,2,3,4,6,7,8,9-	0.001	9E-12	2E-10	2E-09	3E-10	7E-14	8E-11	8E-12
HxCDD, 1,2,3,4,7,8-	0.100	1E-11	3E-10	3E-09	8E-10	4E-13	3E-10	1E-10
PeCDD, 1,2,3,7,8-	0.500	1E-11	2E-10	3E-09	6E-10	1E-12	2E-10	2E-10
TCDF, 2,3,7,8-	0.100	9E-11	2E-09	1E-08	5E-09	1E-11	2E-09	3E-10
HpCDF, 1,2,3,4,7,8,9-	0.010	6E-12	1E-10	9E-10	3E-10	2E-13	9E-11	1E-11
PeCDF, 2,3,4,7,8-	0.500	5E-11	1E-09	1E-08	7E-09	4E-12	3E-09	2E-09
PeCDF, 1,2,3,7,8-	0.050	2E-11	5E-10	6E-09	4E-09	2E-12	2E-09	2E-10
HxCDF, 1,2,3,6,7,8-	0.100	1E-11	3E-10	3E-09	5E-10	8E-13	2E-10	9E-11
HxCDD, 1,2,3,6,7,8-	0.100	2E-11	4E-10	3E-09	8E-10	9E-13	3E-10	1E-10
HxCDF, 2,3,4,6,7,8-	0.100	2E-11	5E-10	4E-09	8E-10	1E-12	3E-10	1E-10
HpCDF, 1,2,3,4,6,7,8-	0.010	2E-11	4E-10	2E-09	8E-10	4E-13	3E-10	2E-11
HxCDF, 1,2,3,4,7,8-	0.100	3E-11	7E-10	4E-09	1E-09	2E-12	4E-10	2E-10
HxCDF, 1,2,3,7,8,9-	0.100	4E-12	9E-11	8E-10	2E-10	2E-13	6E-11	3E-11
HpCDD, 1,2,3,6,7,8,9-	0.010	4E-12	9E-11	1E-09	3E-10	7E-14	1E-10	8E-12
2.3.7.8-TCDD-TEQ	--	7E-11	2E-09	1E-08	6E-09	6E-12	2E-09	1E-09
The media concentrations presented above are based on the facility with the minimum central tendency risks (Typical Resident Sceanrio).								

Table F.2.2 Media Concentrations for the Minimum of the Central Tendency Exposures Through the Beef Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentrations						
		Beef Ingestion Pathway						
		Combined Air Concentration (µg/m ³)	Soil Concentration (mg/kg)		Forage Concentration (mg/kg)	Grain Concentration (mg/kg)	Silage Concentration (mg/kg)	Beef Concentration (mg/kg)
Tilled	Untilled							
Lightweight Aggregate Kilns		Minimum						
2,3,7,8-TCDD	1.000	3E-12	4E-11	2E-10	1E-10	2E-13	5E-11	4E-11
OCDD, 1,2,3,4,5,7,8,9-	0.001	3E-10	4E-09	1E-07	5E-09	6E-12	2E-09	4E-10
HxCDD, 1,2,3,7,8,9-	0.100	7E-12	1E-10	2E-09	2E-10	3E-13	7E-11	4E-11
OCDF, 1,2,3,4,6,7,8,9-	0.001	4E-11	7E-10	2E-08	8E-10	2E-13	2E-10	4E-11
HxCDD, 1,2,3,4,7,8-	0.100	4E-12	5E-11	1E-09	2E-10	6E-14	7E-11	3E-11
PeCDD, 1,2,3,7,8-	0.500	5E-12	7E-11	1E-09	2E-10	4E-13	8E-11	7E-11
TCDF, 2,3,7,8-	0.100	1E-11	2E-10	1E-09	6E-10	1E-12	3E-10	3E-11
HpCDF, 1,2,3,4,7,8,9-	0.010	9E-12	1E-10	2E-09	3E-10	1E-13	9E-11	2E-11
PeCDF, 2,3,4,7,8-	0.500	1E-11	2E-10	3E-09	1E-09	6E-13	7E-10	3E-10
PeCDF, 1,2,3,7,8-	0.050	1E-11	2E-10	2E-09	2E-09	8E-13	1E-09	1E-10
HxCDF, 1,2,3,6,7,8-	0.100	1E-11	2E-10	3E-09	3E-10	4E-13	9E-11	6E-11
HxCDD, 1,2,3,6,7,8-	0.100	5E-12	7E-11	1E-09	2E-10	2E-13	6E-11	3E-11
HxCDF, 2,3,4,6,7,8-	0.100	2E-11	2E-10	4E-09	4E-10	5E-13	1E-10	8E-11
HpCDF, 1,2,3,4,6,7,8-	0.010	3E-11	5E-10	8E-09	1E-09	5E-13	4E-10	4E-11
HxCDF, 1,2,3,4,7,8-	0.100	2E-11	3E-10	5E-09	6E-10	8E-13	2E-10	1E-10
HxCDF, 1,2,3,7,8,9-	0.100	5E-12	8E-11	1E-09	2E-10	2E-13	6E-11	3E-11
HpCDD, 1,2,3,6,7,8,9-	0.010	5E-11	7E-10	2E-08	1E-09	5E-13	4E-10	6E-11
2,3,7,8-TCDD-TEQ	--	2E-11	3E-10	5E-09	1E-09	1E-12	6E-10	3E-10
The media concentrations presented here are based on the facility with the minimum of the central tendency risks (Typical Resident Scenario).								

Table F.2.3 Media Concentrations for the Minimum of the Central Tendency Exposures Through the Dairy Ingestion Pathway

Constituent	TEF's	Congener Specific Concentrations						
		Dairy Ingestion Pathway						
		Combined Air Concentration (µg/m³)	Soil Concentration (mg/kg)		Forage Concentration (mg/kg)	Grain Concentration (mg/kg)	Silage Concentration (mg/kg)	Dairy Concentration (mg/kg)
Tilled	Untilled							
Incinerators		Minimum						
2,3,7,8-TCDD	1.000	6E-12	4E-11	2E-10	2E-10	2E-13	9E-11	1E-11
OCDD, 1,2,3,4,5,7,8,9-	0.001	1E-10	1E-09	3E-08	2E-09	2E-12	5E-10	2E-11
HxCDD, 1,2,3,7,8,9-	0.100	9E-12	9E-11	1E-09	2E-10	2E-13	7E-11	1E-11
OCDF, 1,2,3,4,6,7,8,9-	0.001	1E-10	1E-09	3E-08	1E-09	3E-13	4E-10	2E-11
HxCDD, 1,2,3,4,7,8-	0.100	8E-12	7E-11	2E-09	3E-10	9E-14	1E-10	2E-11
PeCDD, 1,2,3,7,8-	0.500	6E-12	5E-11	9E-10	2E-10	3E-13	1E-10	2E-11
TCDF, 2,3,7,8-	0.100	3E-11	2E-10	1E-09	2E-09	1E-12	8E-10	4E-11
HpCDF, 1,2,3,4,7,8,9-	0.010	2E-11	2E-10	4E-09	6E-10	2E-13	2E-10	1E-11
PeCDF, 2,3,4,7,8-	0.500	3E-11	2E-10	3E-09	3E-09	9E-13	2E-09	2E-10
PeCDF, 1,2,3,7,8-	0.050	2E-11	2E-10	2E-09	4E-09	8E-13	2E-09	5E-11
HxCDF, 1,2,3,6,7,8-	0.100	4E-11	4E-10	7E-09	8E-10	8E-13	3E-10	4E-11
HxCDD, 1,2,3,6,7,8-	0.100	9E-12	9E-11	2E-09	3E-10	2E-13	1E-10	1E-11
HxCDF, 2,3,4,6,7,8-	0.100	3E-11	3E-10	6E-09	8E-10	7E-13	3E-10	3E-11
HpCDF, 1,2,3,4,6,7,8-	0.010	1E-10	1E-09	2E-08	3E-09	1E-12	1E-09	3E-11
HxCDF, 1,2,3,4,7,8-	0.100	6E-11	6E-10	1E-08	1E-09	1E-12	5E-10	8E-11
HxCDF, 1,2,3,7,8,9-	0.100	8E-12	8E-11	1E-09	2E-10	2E-13	9E-11	1E-11
HpCDD, 1,2,3,6,7,8,9-	0.010	8E-12	8E-11	2E-09	4E-10	5E-14	2E-10	3E-12
2,3,7,8-TCDD-TEQ	--	4E-11	4E-10	6E-09	3E-09	1E-12	1E-09	2E-10

The media concentrations presented above are based on the facility with the minimum of the central tendency risks (Typical Resident Scenario).

Table F.2.3 Media Concentrations for the Minimum of the Central Tendency Exposures Through the Dairy Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentrations						
		Dairy Ingestion Pathway						
		Combined Air Concentration (µg/m³)	Soil Concentration (mg/kg)		Forage Concentration (mg/kg)	Grain Concentration (mg/kg)	Silage Concentration (mg/kg)	Dairy Concentration (mg/kg)
Tilled	Untilled							
Cement Kilns		Minimum						
2,3,7,8-TCDD	1.000	3E-12	6E-11	2E-10	1E-10	3E-13	6E-11	1E-11
OCDD, 1,2,3,4,5,7,8,9-	0.001	9E-11	2E-09	2E-08	3E-09	4E-12	9E-10	3E-11
HxCDD, 1,2,3,7,8,9-	0.100	2E-10	5E-09	3E-08	8E-09	1E-11	3E-09	3E-10
OCDF, 1,2,3,4,6,7,8,9-	0.001	9E-12	2E-10	2E-09	3E-10	7E-14	8E-11	2E-12
HxCDD, 1,2,3,4,7,8-	0.100	1E-11	3E-10	3E-09	8E-10	4E-13	3E-10	4E-11
PeCDD, 1,2,3,7,8-	0.500	1E-11	2E-10	3E-09	6E-10	1E-12	2E-10	5E-11
TCDF, 2,3,7,8-	0.100	9E-11	2E-09	1E-08	5E-09	1E-11	2E-09	1E-10
HpCDF, 1,2,3,4,7,8,9-	0.010	6E-12	1E-10	9E-10	3E-10	2E-13	9E-11	6E-12
PeCDF, 2,3,4,7,8-	0.500	5E-11	1E-09	1E-08	7E-09	4E-12	3E-09	4E-10
PeCDF, 1,2,3,7,8-	0.050	2E-11	5E-10	6E-09	4E-09	2E-12	2E-09	7E-11
HxCDF, 1,2,3,6,7,8-	0.100	1E-11	3E-10	3E-09	5E-10	8E-13	2E-10	3E-11
HxCDD, 1,2,3,6,7,8-	0.100	2E-11	4E-10	3E-09	8E-10	9E-13	3E-10	3E-11
HxCDF, 2,3,4,6,7,8-	0.100	2E-11	5E-10	4E-09	8E-10	1E-12	3E-10	3E-11
HpCDF, 1,2,3,4,6,7,8-	0.010	2E-11	4E-10	2E-09	8E-10	4E-13	3E-10	6E-12
HxCDF, 1,2,3,4,7,8-	0.100	3E-11	7E-10	4E-09	1E-09	2E-12	4E-10	6E-11
HxCDF, 1,2,3,7,8,9-	0.100	4E-12	9E-11	8E-10	2E-10	2E-13	6E-11	8E-12
HpCDD, 1,2,3,6,7,8,9-	0.010	4E-12	9E-11	1E-09	3E-10	7E-14	1E-10	2E-12
2.3.7.8-TCDD-TEQ	--	7E-11	2E-09	1E-08	6E-09	6E-12	2E-09	3E-10
The media concentrations presented above are based on the facility with the minimum central tendency risks (Typical Resident Scenario).								

Table F.2.3 Media Concentrations for the Minimum of the Central Tendency Exposures Through the Dairy Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentrations						
		Dairy Ingestion Pathway						
		Combined Air Concentration (µg/m³)	Soil Concentration (mg/kg)		Forage Concentration (mg/kg)	Grain Concentration (mg/kg)	Silage Concentration (mg/kg)	Dairy Concentration (mg/kg)
Tilled	Untilled							
Lightweight Aggregate Kilns		Minimum						
2,3,7,8-TCDD	1.000	3E-12	4E-11	2E-10	1E-10	2E-13	5E-11	8E-12
OCDD, 1,2,3,4,5,7,8,9-	0.001	3E-10	4E-09	1E-07	5E-09	6E-12	2E-09	5E-11
HxCDD, 1,2,3,7,8,9-	0.100	7E-12	1E-10	2E-09	2E-10	3E-13	7E-11	1E-11
OCDF, 1,2,3,4,6,7,8,9-	0.001	4E-11	7E-10	2E-08	8E-10	2E-13	2E-10	9E-12
HxCDD, 1,2,3,4,7,8-	0.100	4E-12	5E-11	1E-09	2E-10	6E-14	7E-11	8E-12
PeCDD, 1,2,3,7,8-	0.500	5E-12	7E-11	1E-09	2E-10	4E-13	8E-11	2E-11
TCDF, 2,3,7,8-	0.100	1E-11	2E-10	1E-09	6E-10	1E-12	3E-10	1E-11
HpCDF, 1,2,3,4,7,8,9-	0.010	9E-12	1E-10	2E-09	3E-10	1E-13	9E-11	7E-12
PeCDF, 2,3,4,7,8-	0.500	1E-11	2E-10	3E-09	1E-09	6E-13	7E-10	1E-10
PeCDF, 1,2,3,7,8-	0.050	1E-11	2E-10	2E-09	2E-09	8E-13	1E-09	3E-11
HxCDF, 1,2,3,6,7,8-	0.100	1E-11	2E-10	3E-09	3E-10	4E-13	9E-11	1E-11
HxCDD, 1,2,3,6,7,8-	0.100	5E-12	7E-11	1E-09	2E-10	2E-13	6E-11	7E-12
HxCDF, 2,3,4,6,7,8-	0.100	2E-11	2E-10	4E-09	4E-10	5E-13	1E-10	2E-11
HpCDF, 1,2,3,4,6,7,8-	0.010	3E-11	5E-10	8E-09	1E-09	5E-13	4E-10	9E-12
HxCDF, 1,2,3,4,7,8-	0.100	2E-11	3E-10	5E-09	6E-10	8E-13	2E-10	3E-11
HxCDF, 1,2,3,7,8,9-	0.100	5E-12	8E-11	1E-09	2E-10	2E-13	6E-11	8E-12
HpCDD, 1,2,3,6,7,8,9-	0.010	5E-11	7E-10	2E-08	1E-09	5E-13	4E-10	1E-11
2,3,7,8-TCDD-TEQ	--	2E-11	3E-10	5E-09	1E-09	1E-12	6E-10	8E-11
The media concentrations presented here are based on the facility with the minimum of the central tendency risks (Typical Resident Scenario).								

Table F.2.4 Media Concentrations for the Minimum of the Central Tendency Exposures Through the Pork Ingestion Pathway

Constituent	TEF's	Congener Specific Concentrations					
		Pork Ingestion Pathway					
		Combined Air Concentration (µg/m ³)	Soil Concentration (mg/kg)		Grain Concentration (mg/kg)	Silage Concentration (mg/kg)	Pork Concentration (mg/kg)
Tilled	Untilled						
Incinerators		Minimum					
2,3,7,8-TCDD	1.000	6E-12	4E-11	2E-10	2E-13	9E-11	1E-11
OCDD, 1,2,3,4,5,7,8,9-	0.001	1E-10	1E-09	3E-08	2E-12	5E-10	9E-11
HxCDD, 1,2,3,7,8,9-	0.100	9E-12	9E-11	1E-09	2E-13	7E-11	2E-11
OCDF, 1,2,3,4,6,7,8,9-	0.001	1E-10	1E-09	3E-08	3E-13	4E-10	5E-11
HxCDD, 1,2,3,4,7,8-	0.100	8E-12	7E-11	2E-09	9E-14	1E-10	2E-11
PeCDD, 1,2,3,7,8-	0.500	6E-12	5E-11	9E-10	3E-13	1E-10	3E-11
TCDF, 2,3,7,8-	0.100	3E-11	2E-10	1E-09	1E-12	8E-10	2E-11
HpCDF, 1,2,3,4,7,8,9-	0.010	2E-11	2E-10	4E-09	2E-13	2E-10	2E-11
PeCDF, 2,3,4,7,8-	0.500	3E-11	2E-10	3E-09	9E-13	2E-09	2E-10
PeCDF, 1,2,3,7,8-	0.050	2E-11	2E-10	2E-09	8E-13	2E-09	3E-11
HxCDF, 1,2,3,6,7,8-	0.100	4E-11	4E-10	7E-09	8E-13	3E-10	9E-11
HxCDD, 1,2,3,6,7,8-	0.100	9E-12	9E-11	2E-09	2E-13	1E-10	2E-11
HxCDF, 2,3,4,6,7,8-	0.100	3E-11	3E-10	6E-09	7E-13	3E-10	7E-11
HpCDF, 1,2,3,4,6,7,8-	0.010	1E-10	1E-09	2E-08	1E-12	1E-09	5E-11
HxCDF, 1,2,3,4,7,8-	0.100	6E-11	6E-10	1E-08	1E-12	5E-10	2E-10
HxCDF, 1,2,3,7,8,9-	0.100	8E-12	8E-11	1E-09	2E-13	9E-11	2E-11
HpCDD, 1,2,3,6,7,8,9-	0.010	8E-12	8E-11	2E-09	5E-14	2E-10	6E-12
2,3,7,8-TCDD-TEQ	--	4E-11	4E-10	6E-09	1E-12	1E-09	2E-10
The media concentrations presented above are based on the facility with the minimum of the central tendency risks (Typical Resident Scenario).							

Table F.2.4 Media Concentrations for the Minimum of the Central Tendency Exposures Through the Pork Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentrations					
		Pork Ingestion Pathway					
		Combined Air Concentration (µg/m³)	Soil Concentration (mg/kg)		Grain Concentration (mg/kg)	Silage Concentration (mg/kg)	Pork Concentration (mg/kg)
Tilled	Untilled						
Cement Kilns		Minimum					
2,3,7,8-TCDD	1.000	3E-12	6E-11	2E-10	3E-13	6E-11	1E-11
OCDD, 1,2,3,4,5,7,8,9-	0.001	9E-11	2E-09	2E-08	4E-12	9E-10	7E-11
HxCDD, 1,2,3,7,8,9-	0.100	2E-10	5E-09	3E-08	1E-11	3E-09	4E-10
OCDF, 1,2,3,4,6,7,8,9-	0.001	9E-12	2E-10	2E-09	7E-14	8E-11	4E-12
HxCDD, 1,2,3,4,7,8-	0.100	1E-11	3E-10	3E-09	4E-13	3E-10	5E-11
PeCDD, 1,2,3,7,8-	0.500	1E-11	2E-10	3E-09	1E-12	2E-10	8E-11
TCDF, 2,3,7,8-	0.100	9E-11	2E-09	1E-08	1E-11	2E-09	8E-11
HpCDF, 1,2,3,4,7,8,9-	0.010	6E-12	1E-10	9E-10	2E-13	9E-11	5E-12
PeCDF, 2,3,4,7,8-	0.500	5E-11	1E-09	1E-08	4E-12	3E-09	4E-10
PeCDF, 1,2,3,7,8-	0.050	2E-11	5E-10	6E-09	2E-12	2E-09	5E-11
HxCDF, 1,2,3,6,7,8-	0.100	1E-11	3E-10	3E-09	8E-13	2E-10	4E-11
HxCDD, 1,2,3,6,7,8-	0.100	2E-11	4E-10	3E-09	9E-13	3E-10	4E-11
HxCDF, 2,3,4,6,7,8-	0.100	2E-11	5E-10	4E-09	1E-12	3E-10	5E-11
HpCDF, 1,2,3,4,6,7,8-	0.010	2E-11	4E-10	2E-09	4E-13	3E-10	8E-12
HxCDF, 1,2,3,4,7,8-	0.100	3E-11	7E-10	4E-09	2E-12	4E-10	9E-11
HxCDF, 1,2,3,7,8,9-	0.100	4E-12	9E-11	8E-10	2E-13	6E-11	1E-11
HpCDD, 1,2,3,6,7,8,9-	0.010	4E-12	9E-11	1E-09	7E-14	1E-10	3E-12
2.3.7.8-TCDD-TEQ	--	7E-11	2E-09	1E-08	6E-12	2E-09	3E-10
The media concentrations presented above are based on the facility with the minimum central tendency risks (Typical Resident Sceanrio).							

Table F.2.4 Media Concentrations for the Minimum of the Central Tendency Exposures Through the Pork Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentrations					
		Pork Ingestion Pathway					
		Combined Air Concentration (µg/m³)	Soil Concentration (mg/kg)		Grain Concentration (mg/kg)	Silage Concentration (mg/kg)	Pork Concentration (mg/kg)
Tilled	Untilled						
Lightweight Aggregate Kilns		Minimum					
2,3,7,8-TCDD	1.000	3E-12	4E-11	2E-10	2E-13	5E-11	1E-11
OCDD, 1,2,3,4,5,7,8,9-	0.001	3E-10	4E-09	1E-07	6E-12	2E-09	3E-10
HxCDD, 1,2,3,7,8,9-	0.100	7E-12	1E-10	2E-09	3E-13	7E-11	2E-11
OCDF, 1,2,3,4,6,7,8,9-	0.001	4E-11	7E-10	2E-08	2E-13	2E-10	3E-11
HxCDD, 1,2,3,4,7,8-	0.100	4E-12	5E-11	1E-09	6E-14	7E-11	2E-11
PeCDD, 1,2,3,7,8-	0.500	5E-12	7E-11	1E-09	4E-13	8E-11	3E-11
TCDF, 2,3,7,8-	0.100	1E-11	2E-10	1E-09	1E-12	3E-10	8E-12
HpCDF, 1,2,3,4,7,8,9-	0.010	9E-12	1E-10	2E-09	1E-13	9E-11	9E-12
PeCDF, 2,3,4,7,8-	0.500	1E-11	2E-10	3E-09	6E-13	7E-10	9E-11
PeCDF, 1,2,3,7,8-	0.050	1E-11	2E-10	2E-09	8E-13	1E-09	2E-11
HxCDF, 1,2,3,6,7,8-	0.100	1E-11	2E-10	3E-09	4E-13	9E-11	4E-11
HxCDD, 1,2,3,6,7,8-	0.100	5E-12	7E-11	1E-09	2E-13	6E-11	2E-11
HxCDF, 2,3,4,6,7,8-	0.100	2E-11	2E-10	4E-09	5E-13	1E-10	5E-11
HpCDF, 1,2,3,4,6,7,8-	0.010	3E-11	5E-10	8E-09	5E-13	4E-10	2E-11
HxCDF, 1,2,3,4,7,8-	0.100	2E-11	3E-10	5E-09	8E-13	2E-10	9E-11
HxCDF, 1,2,3,7,8,9-	0.100	5E-12	8E-11	1E-09	2E-13	6E-11	2E-11
HpCDD, 1,2,3,6,7,8,9-	0.010	5E-11	7E-10	2E-08	5E-13	4E-10	4E-11
2,3,7,8-TCDD-TEQ	--	2E-11	3E-10	5E-09	1E-12	6E-10	1E-10
The media concentrations presented here are based on the facility with the minimum of the central tendency risks (Typical Resident Scenario).							

Table F.2.5 Media Concentrations for the Minimum of the Central Tendency Exposures Through the Poultry Ingestion Pathway

Constituent	TEF's	Congener Specific Concentrations				
		Poultry Ingestion Pathway				
		Combined Air Concentration (µg/m ³)	Tilled Soil Concentration (mg/kg)	Grain Concentration (mg/kg)	Egg Concentration (mg/kg)	Poultry Concentration (mg/kg)
Incinerators		Minimum				
2,3,7,8-TCDD	1.000	6E-12	4E-11	2E-13	3E-13	3E-13
OCDD, 1,2,3,4,5,7,8,9-	0.001	1E-10	1E-09	2E-12	8E-13	7E-14
HxCDD, 1,2,3,7,8,9-	0.100	9E-12	9E-11	2E-13	2E-13	1E-13
OCDF, 1,2,3,4,6,7,8,9-	0.001	1E-10	1E-09	3E-13	9E-14	2E-14
HxCDD, 1,2,3,4,7,8-	0.100	8E-12	7E-11	9E-14	1E-13	9E-14
PeCDD, 1,2,3,7,8-	0.500	6E-12	5E-11	3E-13	4E-13	3E-13
TCDF, 2,3,7,8-	0.100	3E-11	2E-10	1E-12	6E-13	1E-12
HpCDF, 1,2,3,4,7,8,9-	0.010	2E-11	2E-10	2E-13	1E-13	4E-14
PeCDF, 2,3,4,7,8-	0.500	3E-11	2E-10	9E-13	2E-12	1E-12
PeCDF, 1,2,3,7,8-	0.050	2E-11	2E-10	8E-13	2E-12	9E-13
HxCDF, 1,2,3,6,7,8-	0.100	4E-11	4E-10	8E-13	1E-12	6E-13
HxCDD, 1,2,3,6,7,8-	0.100	9E-12	9E-11	2E-13	3E-13	2E-13
HxCDF, 2,3,4,6,7,8-	0.100	3E-11	3E-10	7E-13	4E-13	3E-13
HpCDF, 1,2,3,4,6,7,8-	0.010	1E-10	1E-09	1E-12	8E-13	2E-13
HxCDF, 1,2,3,4,7,8-	0.100	6E-11	6E-10	1E-12	3E-12	1E-12
HxCDF, 1,2,3,7,8,9-	0.100	8E-12	8E-11	2E-13	3E-13	1E-13
HpCDD, 1,2,3,6,7,8,9-	0.010	8E-12	8E-11	5E-14	5E-14	1E-14
2,3,7,8-TCDD-TEQ	--	4E-11	4E-10	1E-12	2E-12	1E-12
<p>The media concentrations presented above are based on the facility with the minimum of the central tendency risks (Typical Resident Scenario). Chickens raised by the Typical Farmer were assumed to be contaminated by contaminated grain only.</p>						

Table F.2.5 Media Concentrations for the Minimum of the Central Tendency Exposures Through the Poultry Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentrations				
		Poultry Ingestion Pathway				
		Combined Air Concentration (µg/m³)	Tilled Soil Concentration (mg/kg)	Grain Concentration (mg/kg)	Egg Concentration (mg/kg)	Poultry Concentration (mg/kg)
Cement Kilns		Minimum				
2,3,7,8-TCDD	1.000	3E-12	6E-11	3E-13	4E-13	4E-13
OCDD, 1,2,3,4,5,7,8,9-	0.001	9E-11	2E-09	4E-12	2E-12	1E-13
HxCDD, 1,2,3,7,8,9-	0.100	2E-10	5E-09	1E-11	1E-11	5E-12
OCDF, 1,2,3,4,6,7,8,9-	0.001	9E-12	2E-10	7E-14	2E-14	5E-15
HxCDD, 1,2,3,4,7,8-	0.100	1E-11	3E-10	4E-13	6E-13	4E-13
PeCDD, 1,2,3,7,8-	0.500	1E-11	2E-10	1E-12	2E-12	2E-12
TCDF, 2,3,7,8-	0.100	9E-11	2E-09	1E-11	5E-12	9E-12
HpCDF, 1,2,3,4,7,8,9-	0.010	6E-12	1E-10	2E-13	7E-14	2E-14
PeCDF, 2,3,4,7,8-	0.500	5E-11	1E-09	4E-12	9E-12	4E-12
PeCDF, 1,2,3,7,8-	0.050	2E-11	5E-10	2E-12	6E-12	3E-12
HxCDF, 1,2,3,6,7,8-	0.100	1E-11	3E-10	8E-13	1E-12	6E-13
HxCDD, 1,2,3,6,7,8-	0.100	2E-11	4E-10	9E-13	1E-12	9E-13
HxCDF, 2,3,4,6,7,8-	0.100	2E-11	5E-10	1E-12	6E-13	4E-13
HpCDF, 1,2,3,4,6,7,8-	0.010	2E-11	4E-10	4E-13	3E-13	7E-14
HxCDF, 1,2,3,4,7,8-	0.100	3E-11	7E-10	2E-12	3E-12	1E-12
HxCDF, 1,2,3,7,8,9-	0.100	4E-12	9E-11	2E-13	4E-13	2E-13
HpCDD, 1,2,3,6,7,8,9-	0.010	4E-12	9E-11	7E-14	6E-14	1E-14
2.3.7.8-TCDD-TEQ	--	7E-11	2E-09	6E-12	9E-12	5E-12
The media concentrations presented above are based on the facility with the minimum central tendency risks (Typical Resident Scenario).						

Table F.2.5 Media Concentrations for the Minimum of the Central Tendency Exposures Through the Poultry Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentrations				
		Poultry Ingestion Pathway				
		Combined Air Concentration (µg/m ³)	Tilled Soil Concentration (mg/kg)	Grain Concentration (mg/kg)	Egg Concentration (mg/kg)	Poultry Concentration (mg/kg)
Lightweight Aggregate Kilns		Minimum				
2,3,7,8-TCDD	1.000	3E-12	4E-11	2E-13	3E-13	3E-13
OCDD, 1,2,3,4,5,7,8,9-	0.001	3E-10	4E-09	6E-12	3E-12	2E-13
HxCDD, 1,2,3,7,8,9-	0.100	7E-12	1E-10	3E-13	3E-13	1E-13
OCDF, 1,2,3,4,6,7,8,9-	0.001	4E-11	7E-10	2E-13	6E-14	1E-14
HxCDD, 1,2,3,4,7,8-	0.100	4E-12	5E-11	6E-14	1E-13	6E-14
PeCDD, 1,2,3,7,8-	0.500	5E-12	7E-11	4E-13	5E-13	4E-13
TCDF, 2,3,7,8-	0.100	1E-11	2E-10	1E-12	5E-13	9E-13
HpCDF, 1,2,3,4,7,8,9-	0.010	9E-12	1E-10	1E-13	7E-14	2E-14
PeCDF, 2,3,4,7,8-	0.500	1E-11	2E-10	6E-13	2E-12	8E-13
PeCDF, 1,2,3,7,8-	0.050	1E-11	2E-10	8E-13	2E-12	1E-12
HxCDF, 1,2,3,6,7,8-	0.100	1E-11	2E-10	4E-13	6E-13	3E-13
HxCDD, 1,2,3,6,7,8-	0.100	5E-12	7E-11	2E-13	3E-13	2E-13
HxCDF, 2,3,4,6,7,8-	0.100	2E-11	2E-10	5E-13	3E-13	2E-13
HpCDF, 1,2,3,4,6,7,8-	0.010	3E-11	5E-10	5E-13	3E-13	9E-14
HxCDF, 1,2,3,4,7,8-	0.100	2E-11	3E-10	8E-13	1E-12	7E-13
HxCDF, 1,2,3,7,8,9-	0.100	5E-12	8E-11	2E-13	3E-13	1E-13
HpCDD, 1,2,3,6,7,8,9-	0.010	5E-11	7E-10	5E-13	5E-13	1E-13
2,3,7,8-TCDD-TEQ	--	2E-11	3E-10	1E-12	2E-12	1E-12
<p>The media concentrations presented here are based on the facility with the minimum of the central tendency risks (Typical Resident Scenario). Chickens raised by the Typical Farmer are assumed contaminated through contaminated grain only.</p>						

Table F.2.6 Media Concentrations for the Minimum of the Central Tendency Exposures Through the Fish Ingestion Pathway

Constituent	TEF's	Congener Specific Concentrations					
		Fish Ingestion Pathway					
		Areally Averaged Vapor Air Concentration (mg/kg)	Areally Averaged Soil Concentration (mg/kg)	Total Water Column Concentration (mg/l)	Dissolved Water Concentration (mg/l)	Sediment Concentration (mg/kg)	Fish Concentration (mg/kg)
Incinerators		Minimum					
2,3,7,8-TCDD	1.000	4E-13	1E-11	1E-15	4E-16	4E-11	7E-12
OCDD, 1,2,3,4,5,7,8,9-	0.001	3E-15	1E-09	8E-14	4E-15	4E-09	7E-13
HxCDD, 1,2,3,7,8,9-	0.100	3E-14	8E-11	5E-15	5E-16	2E-10	2E-11
OCDF, 1,2,3,4,6,7,8,9-	0.001	3E-15	1E-09	7E-14	2E-16	4E-09	7E-13
HxCDD, 1,2,3,4,7,8-	0.100	8E-14	9E-11	5E-15	2E-16	3E-10	2E-11
PeCDD, 1,2,3,7,8-	0.500	2E-13	5E-11	5E-15	2E-15	2E-10	3E-11
TCDF, 2,3,7,8-	0.100	3E-12	1E-10	1E-14	4E-15	3E-10	5E-11
HpCDF, 1,2,3,4,7,8,9-	0.010	1E-13	2E-10	1E-14	3E-16	6E-10	5E-12
PeCDF, 2,3,4,7,8-	0.500	1E-12	2E-10	2E-14	3E-15	7E-10	1E-10
PeCDF, 1,2,3,7,8-	0.050	1E-12	1E-10	1E-14	3E-15	5E-10	7E-11
HxCDF, 1,2,3,6,7,8-	0.100	3E-13	4E-10	2E-14	2E-15	1E-09	8E-11
HxCDD, 1,2,3,6,7,8-	0.100	6E-14	8E-11	5E-15	5E-16	2E-10	2E-11
HxCDF, 2,3,4,6,7,8-	0.100	3E-13	3E-10	2E-14	2E-15	9E-10	6E-11
HpCDF, 1,2,3,4,6,7,8-	0.010	7E-13	1E-09	6E-14	2E-15	3E-09	3E-11
HxCDF, 1,2,3,4,7,8-	0.100	6E-13	5E-10	3E-14	3E-15	2E-09	1E-10
HxCDF, 1,2,3,7,8,9-	0.100	1E-13	8E-11	5E-15	5E-16	2E-10	2E-11
HpCDD, 1,2,3,6,7,8,9-	0.010	1E-13	4E-10	2E-14	3E-16	1E-09	1E-11
2,3,7,8-TCDD-TEQ	--	2E-12	3E-10	2E-14	4E-15	1E-09	1E-10
The media concentrations presented above are based on the facility with the minimum of the central tendency risks (Typical Resident Scenario).							

Table F.2.6 Media Concentrations for the Minimum of the Central Tendency Exposures Through the Fish Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentrations					
		Fish Ingestion Pathway					
		Areally Averaged Vapor Air Concentration (mg/kg)	Areally Averaged Soil Concentration (mg/kg)	Total Water Column Concentration (mg/l)	Dissolved Water Concentration (mg/l)	Sediment Concentration (mg/kg)	Fish Concentration (mg/kg)
Cement Kilns		Minimum					
2,3,7,8-TCDD	1.000	4E-12	5E-10	5E-14	2E-14	2E-09	3E-10
OCDD, 1,2,3,4,5,7,8,9-	0.001	4E-14	4E-08	3E-12	2E-13	1E-07	3E-11
HxCDD, 1,2,3,7,8,9-	0.100	9E-12	8E-08	5E-12	5E-13	3E-07	2E-08
OCDF, 1,2,3,4,6,7,8,9-	0.001	4E-15	4E-09	3E-13	9E-16	1E-08	2E-12
HxCDD, 1,2,3,4,7,8-	0.100	2E-12	6E-09	4E-13	1E-14	2E-08	1E-09
PeCDD, 1,2,3,7,8-	0.500	7E-12	4E-09	4E-13	1E-13	1E-08	2E-09
TCDF, 2,3,7,8-	0.100	1E-10	2E-08	2E-12	7E-13	6E-08	9E-09
HpCDF, 1,2,3,4,7,8,9-	0.010	4E-13	2E-09	2E-13	4E-15	8E-09	7E-11
PeCDF, 2,3,4,7,8-	0.500	3E-11	2E-08	1E-12	3E-13	5E-08	8E-09
PeCDF, 1,2,3,7,8-	0.050	2E-11	7E-09	6E-13	2E-13	2E-08	4E-09
HxCDF, 1,2,3,6,7,8-	0.100	2E-12	6E-09	4E-13	4E-14	2E-08	1E-09
HxCDD, 1,2,3,6,7,8-	0.100	2E-12	7E-09	5E-13	5E-14	2E-08	2E-09
HxCDF, 2,3,4,6,7,8-	0.100	3E-12	8E-09	6E-13	6E-14	3E-08	2E-09
HpCDF, 1,2,3,4,6,7,8-	0.010	2E-12	7E-09	4E-13	1E-14	2E-08	2E-10
HxCDF, 1,2,3,4,7,8-	0.100	4E-12	1E-08	8E-13	8E-14	4E-08	3E-09
HxCDF, 1,2,3,7,8,9-	0.100	1E-12	2E-09	1E-13	1E-14	5E-09	4E-10
HpCDD, 1,2,3,6,7,8,9-	0.010	4E-12	4E-08	3E-12	4E-14	1E-07	1E-09
2.3.7.8-TCDD-TEQ	--	4E-11	2E-08	2E-12	4E-13	8E-08	9E-09
The media concentrations presented above are based on the facility with the minimum central tendency risks (Typical Resident Scenario).							

Table F.2.6 Media Concentrations for the Minimum of the Central Tendency Exposures Through the Fish Ingestion Pathway (continued)

Constituent	TEF's	Congener Specific Concentrations					
		Fish Ingestion Pathway					
		Areally Averaged Vapor Air Concentration (mg/kg)	Areally Averaged Soil Concentration (mg/kg)	Total Water Column Concentration (mg/l)	Dissolved Water Concentration (mg/l)	Sediment Concentration (mg/kg)	Fish Concentration (mg/kg)
Lightweight Aggregate Kilns		Minimum					
2,3,7,8-TCDD	1.000	5E-13	4E-11	3E-15	1E-15	1E-10	2E-11
OCDD, 1,2,3,4,5,7,8,9-	0.001	2E-14	9E-09	5E-13	2E-14	2E-08	4E-12
HxCDD, 1,2,3,7,8,9-	0.100	5E-14	2E-10	1E-14	1E-15	6E-10	4E-11
OCDF, 1,2,3,4,6,7,8,9-	0.001	3E-15	1E-09	8E-14	3E-16	4E-09	7E-13
HxCDD, 1,2,3,4,7,8-	0.100	8E-14	1E-10	6E-15	2E-16	3E-10	2E-11
PeCDD, 1,2,3,7,8-	0.500	4E-13	1E-10	9E-15	3E-15	3E-10	5E-11
TCDF, 2,3,7,8-	0.100	2E-12	2E-10	1E-14	6E-15	5E-10	8E-11
HpCDF, 1,2,3,4,7,8,9-	0.010	8E-14	2E-10	1E-14	3E-16	7E-10	6E-12
PeCDF, 2,3,4,7,8-	0.500	1E-12	3E-10	2E-14	4E-15	8E-10	1E-10
PeCDF, 1,2,3,7,8-	0.050	2E-12	3E-10	2E-14	5E-15	8E-10	1E-10
HxCDF, 1,2,3,6,7,8-	0.100	2E-13	3E-10	2E-14	2E-15	9E-10	6E-11
HxCDD, 1,2,3,6,7,8-	0.100	6E-14	1E-10	8E-15	8E-16	4E-10	3E-11
HxCDF, 2,3,4,6,7,8-	0.100	3E-13	4E-10	3E-14	3E-15	1E-09	9E-11
HpCDF, 1,2,3,4,6,7,8-	0.010	4E-13	9E-10	5E-14	1E-15	2E-09	2E-11
HxCDF, 1,2,3,4,7,8-	0.100	4E-13	6E-10	3E-14	3E-15	2E-09	1E-10
HxCDF, 1,2,3,7,8,9-	0.100	2E-13	2E-10	9E-15	9E-16	4E-10	3E-11
HpCDD, 1,2,3,6,7,8,9-	0.010	3E-13	2E-09	9E-14	1E-15	5E-09	4E-11
2,3,7,8-TCDD-TEQ	--	2E-12	5E-10	3E-14	6E-15	1E-09	2E-10
The media concentrations presented here are based on the facility with the minimum of the central tendency risks (Typical Resident Scenario).							