

Annex C: Nivell de dioxines en sòl

Taula 1.- Concentracions de PCDD/Fs en mostres de sòl recollides segons la direcció NE en les proximitats de la incineradora de Montcada

<i>Nord-est</i>	% variació						
	1996	1997	1998	2000	96/97	97/98	98/00
2,3,7,8-TCDD	0.14	0.15	0.20	0.09	7	33	-58
1,2,3,7,8-PeCDD	0.44	0.65	1.00	0.60	48	54	-40
1,2,3,4,7,8-HxCDD	0.54	0.65	1.10	0.70	21	69	-36
1,2,3,6,7,8-HxCDD	0.91	1.30	2.30	1.35	43	77	-41
1,2,3,7,8,9-HxCDD	0.99	1.35	1.85	1.15	37	37	-38
1,2,3,4,6,7,8-HpCDD	15.00	24.50	29.00	18.00	63	18	-38
OCDD	56.00	150.00	107.50	82.50	168	-28	-23
2,3,7,8-TCDF	1.50	1.10	1.65	1.55	-27	50	-6
1,2,3,7,8-PeCDF	0.80	0.65	2.45	1.30	-19	277	-47
2,3,4,7,8-PeCDF	0.99	0.85	2.85	1.35	-14	235	-53
1,2,3,4,7,8-HxCDF	1.40	1.55	5.30	2.15	11	242	-59
1,2,3,6,7,8-HxCDF	1.25	1.10	3.55	1.60	-12	223	-55
1,2,3,7,8,9-HxCDF	0.14	0.08	0.20	0.15	-44	167	-25
2,3,4,6,7,8-HxCDF	2.30	1.45	4.00	1.90	-37	176	-53
1,2,3,4,6,7,8-HpCDF	10.15	11.65	25.00	9.60	15	115	-62
1,2,3,4,7,8,9-HpCDF	0.63	0.25	1.75	0.75	-60	600	-57
OCDF	10.85	11.20	19.50	9.55	3	74	-51

Taula 2.- Concentracions de PCDD/Fs en mostres de sòl recollides segons la direcció NO en les proximitats de la incineradora de Montcada

<i>Nord-oest</i>	% variació						
	1996	1997	1998	2000	96/97	97/98	98/00
2,3,7,8-TCDD	0.14	0.10	0.20	0.04	-30	111	-83
1,2,3,7,8-PeCDD	0.64	0.50	1.00	0.20	-22	100	-80
1,2,3,4,7,8-HxCDD	1.35	0.80	1.65	0.35	-41	106	-79
1,2,3,6,7,8-HxCDD	2.45	1.30	3.00	0.70	-47	131	-77
1,2,3,7,8,9-HxCDD	2.45	1.50	2.55	0.75	-39	70	-71
1,2,3,4,6,7,8-HpCDD	67.50	27.50	44.50	9.20	-59	62	-79
OCDD	230.00	130.00	110.00	38.50	-43	-15	-65
2,3,7,8-TCDF	1.40	1.10	1.65	0.65	-21	50	-61
1,2,3,7,8-PeCDF	1.20	0.70	1.55	0.50	-42	121	-68
2,3,4,7,8-PeCDF	1.55	1.25	2.50	0.65	-19	100	-74
1,2,3,4,7,8-HxCDF	2.70	1.80	3.80	0.95	-33	111	-75
1,2,3,6,7,8-HxCDF	2.55	1.65	3.20	0.85	-35	94	-73
1,2,3,7,8,9-HxCDF	0.19	0.15	0.15	0.08	-21	0	-47
2,3,4,6,7,8-HxCDF	5.65	3.05	4.50	1.25	-46	48	-72
1,2,3,4,6,7,8-HpCDF	21.50	17.00	23.50	7.25	-21	38	-69
1,2,3,4,7,8,9-HpCDF	1.75	0.50	1.75	0.80	-71	250	-54
OCDF	22.50	11.00	22.00	7.10	-51	100	-68

Taula 3.- Concentracions de PCDD/Fs en mostres de sòl recollides segons la direcció S en les proximitats de la incineradora de Montcada

<i>Sud</i>	% variació						
	1996	1997	1998	2000	96/97	97/98	98/00
2,3,7,8-TCDD	0.19	0.10	0.15	0.1	-46	45	-31
1,2,3,7,8-PeCDD	0.82	0.50	0.70	0.85	-39	40	21
1,2,3,4,7,8-HxCDD	1.00	0.90	1.15	1.35	-10	28	17
1,2,3,6,7,8-HxCDD	1.70	1.30	1.85	2.5	-24	42	35
1,2,3,7,8,9-HxCDD	1.55	1.50	1.45	1.95	-3	-3	34
1,2,3,4,6,7,8-HpCDD	30.00	19.50	38.00	45	-35	95	18
OCDD	110.00	72.50	50.50	145	-34	-30	187
2,3,7,8-TCDF	2.15	0.95	1.10	1.15	-56	16	5
1,2,3,7,8-PeCDF	1.80	0.65	0.95	1.15	-64	46	21
2,3,4,7,8-PeCDF	2.70	1.10	1.40	1.6	-59	27	14
1,2,3,4,7,8-HxCDF	3.30	1.65	2.35	3.25	-50	42	38
1,2,3,6,7,8-HxCDF	2.10	1.55	2.05	3.15	-26	32	54
1,2,3,7,8,9-HxCDF	0.30	0.13	0.15	0.3	-58	20	100
2,3,4,6,7,8-HxCDF	4.25	2.75	4.35	5.6	-35	58	29
1,2,3,4,6,7,8-HpCDF	17.00	12.45	21.50	27.5	-27	73	28
1,2,3,4,7,8,9-HpCDF	1.55	0.70	1.60	2.25	-55	129	41
OCDF	15.00	6.45	20.00	28	-57	210	40

Taula 4.- Concentracions de PCDD/Fs en mostres de sòl recollides a 100-250 m de la planta.

<i>100-250 m</i>	% variació						
	1996	1997	1998	2000	96/97	97/98	98/00
2,3,7,8-TCDD	0.07	0.15	0.15	0.09	131	0	-43
1,2,3,7,8-PeCDD	0.45	0.90	1.40	0.70	100	56	-50
1,2,3,4,7,8-HxCDD	0.95	1.85	3.10	1.20	95	68	-61
1,2,3,6,7,8-HxCDD	1.59	2.70	5.15	2.10	70	91	-59
1,2,3,7,8,9-HxCDD	1.64	3.50	4.80	2.00	113	37	-58
1,2,3,4,6,7,8-HpCDD	360	46.5	85.0	36.00	29	83	-58
OCDD	200.0	150.0	185.0	127.50	-25	23	-31
2,3,7,8-TCDF	1.16	1.25	1.50	1.00	8	20	-33
1,2,3,7,8-PeCDF	0.77	1.00	1.75	0.95	30	75	-46
2,3,4,7,8-PeCDF	1.02	1.50	2.95	1.45	47	97	-51
1,2,3,4,7,8-HxCDF	1.64	2.60	4.80	2.60	59	85	-46
1,2,3,6,7,8-HxCDF	1.60	2.70	4.55	2.75	69	69	-40
1,2,3,7,8,9-HxCDF	0.13	0.25	0.40	0.25	92	60	-38
2,3,4,6,7,8-HxCDF	3.45	5.65	9.50	5.85	64	68	-38
1,2,3,4,6,7,8-HpCDF	16.10	30.50	48.00	25.00	89	57	-48
1,2,3,4,7,8,9-HpCDF	1.54	1.50	2.55	2.40	-2	70	-6
OCDF	24.50	20.00	31.00	24.50	-18	55	-21

Taula 5.- Concentracions de PCDD/Fs en mostres de sòl recollides a 500-750 m de la planta.

500-750 m	% variació						
	1996	1997	1998	2000	96/97	97/98	98/00
2,3,7,8-TCDD	0.15	0.10	0.20	0.10	-31	100	-50
1,2,3,7,8-PeCDD	0.54	0.85	1.05	0.50	57	24	-52
1,2,3,4,7,8-HxCDD	1.25	1.55	1.50	0.55	24	-3	-63
1,2,3,6,7,8-HxCDD	2.20	2.75	3.00	1.00	25	9	-67
1,2,3,7,8,9-HxCDD	2.00	2.55	2.10	0.90	28	-18	-57
1,2,3,4,6,7,8-HpCDD	60.5	47.0	38.5	13.00	-22	-18	-66
OCDD	200.0	215.0	135.0	63.50	8	-37	-53
2,3,7,8-TCDF	1.50	1.65	2.20	1.20	10	33	-45
1,2,3,7,8-PeCDF	1.20	0.95	1.80	1.00	-21	89	-44
2,3,4,7,8-PeCDF	1.65	1.75	2.85	1.15	6	63	-60
1,2,3,4,7,8-HxCDF	2.40	2.40	4.25	1.45	0	77	-66
1,2,3,6,7,8-HxCDF	2.35	2.25	3.15	1.35	-4	40	-57
1,2,3,7,8,9-HxCDF	0.20	0.20	0.20	0.15	3	0	-25
2,3,4,6,7,8-HxCDF	5.80	4.60	4.15	1.95	-21	-10	-53
1,2,3,4,6,7,8-HpCDF	20.50	23.00	23.00	9.10	12	0	-60
1,2,3,4,7,8,9-HpCDF	2.55	1.20	1.85	0.80	-53	54	-57
OCDF	20.50	15.50	17.50	9.20	-24	13	-47

Taula 6.- Concentracions de PCDD/Fs en mostres de sòl recollides a 1000-1500 m de la planta.

1000-1500 m	% variació						
	1996	1997	1998	2000	96/97	97/98	98/00
2,3,7,8-TCDD	0.07	0.08	0.20	0.07	7	167	-68
1,2,3,7,8-PeCDD	0.36	0.45	0.60	0.25	25	33	-58
1,2,3,4,7,8-HxCDD	0.62	0.55	0.95	0.40	-11	73	-58
1,2,3,6,7,8-HxCDD	1.05	1.15	1.65	0.75	10	43	-55
1,2,3,7,8,9-HxCDD	0.93	1.15	1.45	0.75	24	26	-48
1,2,3,4,6,7,8-HpCDD	32.0	21.0	23.5	8.80	-34	12	-63
OCDD	140.0	77.5	53.0	37.00	-45	-32	-30
2,3,7,8-TCDF	1.05	1.10	1.15	0.85	5	5	-26
1,2,3,7,8-PeCDF	0.66	0.60	0.95	0.50	-9	58	-47
2,3,4,7,8-PeCDF	0.91	1.05	1.30	0.80	15	24	-38
1,2,3,4,7,8-HxCDF	1.25	1.50	2.00	0.90	20	33	-55
1,2,3,6,7,8-HxCDF	1.20	1.15	1.80	0.85	-4	57	-53
1,2,3,7,8,9-HxCDF	0.16	0.08	0.13	0.09	-52	73	-31
2,3,4,6,7,8-HxCDF	3.05	1.75	3.45	1.20	-43	97	-65
1,2,3,4,6,7,8-HpCDF	10.25	13.00	18.00	5.85	27	38	-68
1,2,3,4,7,8,9-HpCDF	0.92	0.25	1.20	0.80	-73	380	-33
OCDF	9.75	6.40	15.60	5.35	-34	144	-66

Taula 7.- Concentracions de PCDD/Fs en mostres de sòl recollides a 2000-3000 m de la planta.

2000 - 3000 m	% variació						
	1996	1997	1998	2000	96/97	97/98	98/00
2,3,7,8-TCDD	0.24	0.10	0.20	0.10	-57	100	-53
1,2,3,7,8-PeCDD	0.97	0.40	0.60	0.40	-59	50	-33
1,2,3,4,7,8-HxCDD	0.91	0.35	0.80	0.55	-61	129	-31
1,2,3,6,7,8-HxCDD	1.65	0.65	1.35	0.95	-61	108	-30
1,2,3,7,8,9-HxCDD	1.50	0.70	1.40	0.85	-53	100	-39
1,2,3,4,6,7,8-HpCDD	24.50	8.45	17.00	12.35	-66	101	-27
OCDD	107.5	34.50	53.00	57.50	-68	54	8
2,3,7,8-TCDF	3.45	0.85	1.60	1.45	-75	88	-9
1,2,3,7,8-PeCDF	2.15	0.55	1.55	1.20	-74	182	-23
2,3,4,7,8-PeCDF	3.50	0.75	1.75	1.15	-79	133	-34
1,2,3,4,7,8-HxCDF	3.40	1.20	2.85	1.65	-65	138	-42
1,2,3,6,7,8-HxCDF	2.00	1.00	2.25	1.30	-50	125	-42
1,2,3,7,8,9-HxCDF	0.21	0.05	0.10	0.09	-76	100	-10
2,3,4,6,7,8-HxCDF	3.55	1.15	3.20	1.35	-68	178	-58
1,2,3,4,6,7,8-HpCDF	17.00	6.75	16.50	7.60	-60	144	-54
1,2,3,4,7,8,9-HpCDF	1.30	0.25	1.10	0.60	-81	340	-45
OCDF	17.00	3.75	17.50	5.80	-78	367	-67