

APPENDIX 4. 2378-TCDD AND 2378-TCDF IN EFFLUENT FROM WASTEWATER TREATMENT PLANTS

SOURCE	DATE	TCDD (pg/l)	TCDF (pg/l)
ANSON MADISON	920408	<3	<3
	921001	<3	20
BREWER	920624	<5.9	
	930429	<3.9	
	941129	7.4	
	950503	<3.6	
	960416	<10	
	000501	<10	
GEORGIA PACIFIC OLD TOWN	880630	39	
	890131	27	120
	890222	210	340
	890223	92	290
	890224	77	340
	890320		34
	890324		24
	890325	36	73
	890405	30	110
	890410	17	52
	890411	32	89
	890824	32	94
	890831	13	150
	890911	<4.1	14
	890915	<3.3	<8.1
	890921	<5.7	13
	890927	<5.3	9.7
	891011	<3	11
	891019	<5.2	14
	891102	<6	18
	891106	6.7	22
	891114	<9.5	<7.1
	891127	<6.4	20
	891206	<8.4	13
	891213	<8.3	20
	891221	<4.7	23
	900105	<6.8	<8.3
	900111	<9	<8.5
	900118	<5.9	6.1
	900125	<6.7	10
900207	<4.6	17	
900214	<6.6	23	
900222	<7.3	15	
900301	<6	11	
900308	<3	12	
900315	<4	16	
900329	<7.4	14	
900407	<7.2	24	
900502	<7	19	
900729	<9.9	49	

APPENDIX 4. 2378-TCDD AND 2378-TCDF IN EFFLUENT FROM WASTEWATER TREATMENT PLANTS

SOURCE	DATE	TCDD (pg/l)	TCDF (pg/l)
GEORGIA PACIFIC	910330	17	70
OLD TOWN	910430	19	65
	910530	9.5	41
	910630	6.8	43
	910830	11	66
	911030		7.9
	911130	<7.7	<16
	920330	<5.7	50
	920730	16	69
	920830	<4.9	23
	921030	<3.0	
	921230	4.8	
	930130	<5.0	14
	930330	<4.9	12
	930530	<4.2	11
	930630	<2.8	15
	930830	<1.6	9.2
	930930	<3.5	7.6
	931130	<3.1	32
	931230	<3.2	19
	940230	<4.8	7.7
	940330	<4.6	12
	940530	<1.5	<4.5
	940630	<3.5	9.2
	940830	<2.0	<4.8
	940930	<4.6	<6.8
	941130	<9.5	<10
	941230	<1.1	5.8
	942730	<1.1	5.8
	950130	<2.4	8.2
	950119	<2.4	8.2
	951230	<1.1	5.8
	950430	<1.4	5.6
	950430	8	36
	950421	<1.4	5.6
	950622	<2	6.8
	950928	<3.8	8.1
	951129	<5.4	13
	951228	<1.4	6.2
	980115	BPA <2.8	<5.8
		BPB <11	53
	980130	<3	9.4
		BPA <2.9	18
		BPB <2.8	8.9
	980219	BPA <1.7	12
		BPB <3.9	39
	980230	<2.6	8.7
	980328	BPA <5.8	11
		BPB <5.2	13
	980330	<2	9.1
	980730	<3	<4

APPENDIX 4. 2378-TCDD AND 2378-TCDF IN EFFLUENT FROM WASTEWATER TREATMENT PLANTS

SOURCE	DATE		TCDD (pg/l)		TCDF (pg/l)
GEORGIA PACIFIC	980830	BP	<3.5	BP	<4.2
OLD TOWN	980930		<3.2		<4.8
		BP	5.9	BP	28
	981030		<3.2		<4.8
		BP	<3.5	BP	<4.2
	981130		<5.5		<5.4
		BP	<3.4	BP	<4.6
	981230		<1.6		8.7
		BP	<3.1	BP	6.5
	990130		<3.4		<2.6
		BP	<3	BP	<3.9
	990230		<10		<10
		BP	<10	BP	<10
	990330	BP	<2.3	BP	<1.8
	990530		<1.9<4.7		<2.9<3.3
		BP	<3.2	BP	<4.8
	990630		<1.3		<1.8
		BP	<2.3	BP	7.3
	990730		<.93		<1.4
		BP	<2.6	BP	<1.8
	990930		<.68		<2.1
		BP	<1.3	BP	<5
	991030		<2.5		<2.1
		BP	<3	BP	<3.6
	000130		<8.4		<4.9
		BP	<9.0	BP	<5.4
	000330		<3.4		<3.1
		BP	<2.9	BP	<2.3
	000430		<7.4		<7.6
		BP	<5.0	BP	<5.5
	000630		<2.2		<1.5
		BP	<4.0	BP	<3.0
	000830		<1.2		<1.1
		BP	<3.0	BP	<3.2
	001030		<2.3		<2.6
		BP	<3.4	BP	<3.4
	001130		<2.7		<1.4
		BP	<2.7	BP	<3.2
	010130		<3.3		<2.1
		BP	<3.9	BP	<3.1
	010330		<4.7		<3.2
		BP	<2.4	BP	<4.5
	010530		<2.9		<2.5
		BP	<6.7	BP	<5.4
	010630		<1.7		<1.5
		BP	<3.2	BP	<3.2
	010730		<2.0		<1.5
		BP	<2.7	BP	<2.2
	010930		<3.2		<2.5
		BP	<2.3	BP	<1.7

APPENDIX 4. 2378-TCDD AND 2378-TCDF IN EFFLUENT FROM WASTEWATER TREATMENT PLANTS

SOURCE	DATE	TCDD (pg/l)		TCDF (pg/l)
GEORGIA PACIFIC	011130	<4.7		<3.9
OLD TOWN			BP	<2.6
	020115	<2.7		<1.9
	020115	<2.5	BP	<1.8
	020225	<4.2		<3.0
	020227	<3.9	BP	<4.2
	020416	<1.4		<1.5
	020416	<2.4	BP	<2.3
	020625	<4.1		<4.4
	020730	ND		ND
	020723	<4.1	BP	<2.5
	020830	ND		ND
	021010	<3.2	BP	<3.1
	020930	<4.7		<3.1
	021030	<3.2		<3.1
	021130	<10		<10
	021106	<10	BP	<10
	021230	<0.69		<1.6
	021203	<0.69	BP	<1.6
	030130	<0.49		<0.93
	030230	<1.4		<1.6
	030330	<1.8		<1.5
	030430	<1.4		<2.4
	030530	<6.8		<8.9
	030630	<5.0		<3.6
	030730	<2.2		<1.4
	030830	<3.4		<3.2
	030930	<7.0		<5.1
	031030	NS		NS
	031130	<10		<10
	031230	<2.9		<1.7
	040130	<10	BP	<10
	040230	<10	BP	<10
	040330	<10	BP	<10
	040430	<10	BP	<10
	040530	<10	BP	<10
	040630	<1.6	BP	<1.2
	040730	<3.1	BP	<2.1
	040830	<10	BP	<10
	040930	<10	BP	<10
	041030	<10	BP	<10
	041130	<10	BP	<10
DOMTAR	880101	6.8		25
Baileyville	900316	<5		4
	900423	<3		<6
	900531	<8		<5
	900619	<3		<1
	900716	<1		<3
	900807	<2		<5
	910630	<10		<10

APPENDIX 4. 2378-TCDD AND 2378-TCDF IN EFFLUENT FROM WASTEWATER TREATMENT PLANTS

SOURCE	DATE	TCDD (pg/l)	TCDF (pg/l)
DOMTAR	910630	<10	<10
Baileyville	910630	<11	<11
	910630	<11	<11
	910630	<11	<11
	910630	<11	<11
	910630	<10	<10
	910630	<11	<11
	910630	<11	<11
	911231	<10	<10
	911231	<10	<10
	911231	<11	<11
	911231	<11	<11
	911231	<10	<10
	911231	<11	<11
	911231	<10	<10
	911231	<11	<11
	911231	<11	<11
	911231	<11	<11
	930408	<10	<10
	930506	<10	<10
	930713	<10	<10
	940530	<10	<10
	941222	<10	<10
	950331	<10	<10
	950630	<10	<10
	950930	<10	<10
	951231	<10	<10
	980330		60
	980421	<10	60
	980825	<10	40
	BP	<10	BP 10
	981230	<10	<10
	BP	<10	BP <10
	990430	<10	<10
	BP	<10	BP <10
	990930	<4	<3
		<2	<6
	BP	C<2 A<4	BP C<2 A<7
	BP	C<5 A<3	BP C<4 A<3
	991030	<5	<3
	BP	C<7 A<5	BP C<8 A<3
	991130	<1	<6
	BP	C<1 A<2	BP C<5 A<3A
	000130	<4.2	<3.4
	BP	C<2.0 A<2.0	BP C<4.0 A<3.0
		<5.0	<4.0
	BP	C<3.0 A<3.0	BP C<3.0 A<2.0
	000930	C<7.1 A<3.4	BP C<5.6 A<2.4
	BP	C<2.3 A<2.5	BP C<1.6 A<1.7
	001200	C<5.9 A<3.8	BP C<5.3 A<2.1
	BP	C<5.1 A<4.0	BP C<4.0 A<3.0
	020319	C<4.7 A<5.1	BP C<4.0 A<4.2

APPENDIX 4. 2378-TCDD AND 2378-TCDF IN EFFLUENT FROM WASTEWATER TREATMENT PLANTS

SOURCE	DATE		TCDD (pg/l)		TCDF (pg/l)
DOMTAR	020610		<2.4		<3.1
Baileyville	020615	BP	C<2.6	BP	C<2.1
	020918	BP	C<1.9 A<1.3	BP	C<4.7 A<1.3
	030211		<4.7		J7.3
	030312	BP	C<4.0 A<2.6	BP	C<4.3 2.6
	031023	BP	C<5.8 A<3.5	BP	C<4.3 A<2.5
	040630		<10		
INTERNATIONAL PAPER	880101		88		420
Jay	880715		30		150
	890307		30, E6		100, E20
	890310		16		74
	890616		<8		980
	890621		17		140
	890713		<16		50
	890720	DEP	30		150
	890818		20		110
	900413		<10		90
	910924		<10		60
	910926		<10		60
	911129		50		210
	911219		<20		<80
	920125		20		110
	920126		20		110
	920127		30		100
	920128		30		100
	920129		13.7		49.9
	920312		19.3		65.6
	920320		14.8		73.9
	920423		<13.9		59.1
	920610		<5.7		29.5
	920617		<6.3		30.8
	920723		<8.4		33.6
	920819		6.6		29.7
	920923		<2.6		<2.0
	921111		<6.1		22.4
	921202		<2.6		<14.4
	930125		5.4		19.6
	930222		<5.3		25.5
	930420		<2.0		16.7
	930527		4.3		10.3
	930716		<5.2		28.9
	930826		<5.3, <6.5		21.5, 19.2
	930910		<8.6		9.4
	931022				19.5
	931119		<3.6		19.5
	931224		10.9		31.1
	940125		<4.1		21.6

APPENDIX 4. 2378-TCDD AND 2378-TCDF IN EFFLUENT FROM WASTEWATER TREATMENT PLANTS

SOURCE	DATE	TCDD (pg/l)	TCDF (pg/l)
INTERNATIONAL PAPER	940226	7.3	38
Jay	940422	7.7	41.1
	940520	4.1	25.6
	940722	<3.4	16.7
	940829	<7.9	31.8
	941027	<3.4	25.3
	941125	<6.8	24.4
	950126	<5.0	20.9
	950222	<3.6	21.4
	950420	<2.5	25.6
	950527	<1.8	24.1
	950724	<3.2	16.1
	950826	<4.9	7.5
	950929	<6.0	15.4
	951020	<8.5	12.9
	951122	<3.8	10.5
	960228	<10	6.5
	960430	<10	12.8
	960530	<10	15.7
	961030	<10	7.7
	961130	<10	<10
	970130	<10	<10
	970228	<10	11.5
	970330	<10	<10
	970330	BPA <6.2	BPA <6.3
		BPB <5.1	BPB <3.7
	970430	<10	14.4
	970522	BPA 4.9	BPA 5.6
		BPB 10.9	BPB 9.6
	970406	BPA <4.9	BPA 10.9
		BPB <5.6	BPB 9.6
	970630	<10	6.8
	970730	<10	<10
	970728	BPA <5.2	BPA 11.5
		BPB <5.4	BPB 6.3
	970830	<10	<10
	971030	<10	
	971013	BPA <4.3	BPA <5
		BPB <7.2	BPB <8.3
	971130	<10	
	980117	<2.1	7.1
	980126	BPA <3.5	<3.2
		BPB <1.2	<1.7
	980221	<3.7	<3.7
	980406	BPA <0.6	<2.3
		BPB <1.4	<1.3
	980516	<3	8
	980613	<1.4	<2.2
	980706	BPA <2.8	19
		BPB <1.2	4.8
	980711	<2.3	4.9

APPENDIX 4. 2378-TCDD AND 2378-TCDF IN EFFLUENT FROM WASTEWATER TREATMENT PLANTS

SOURCE	DATE		TCDD (pg/l)	TCDF (pg/l)
INTERNATIONAL PAPER	980814		<2.2	<1.1
Jay	981012	BPA	<2.0	45
		BPB	<2.9	<1.6
	981016		<2	5.1
	981116	BPA	<6.8	9.9
	981119		<7	<8.6
	981130	BPB	<3.3	<5.2
	990117		<2.8	3.6
	990112	BPA	<.99	54
		BPB	<.97	4
	990312		<3	7.4
	990304	BPA	<2.1	9.7
		BPB	<2.7	<5.9
	990412		<5.9	18
	990408	BPA	<2.6	7.4
		BPB	<5.5	<5
	990618		<5.1	<4.2
	990622	BPA	<8.6	<9
		BPB	<3.3	<4.1
	990723		<2.2	<1.6
	990720	BPA	<2.9	130
		BPB	<2.5	<2.3
	990917		<6.2	<6.5
	990913	BPA	<3.8	<1.6
		BPB	<3.4	<1.4
	991008		<5.6	6.6
	991005	BPA	<2	<1.6
		BPB	<3	<1.3
	991112		<2.7	<6.5
	991110	BPA	<2.7	<4
		BPB	<2.1	<2.1
	000104	BPA	<2.5	<1.8
		BPB	<3.0	<2.8
	000306	BPA	<1.6	<5.0
		BPB	<1.1	<2.6
	000419	BPA	<2.9	<1.6
		BPB	<2.7	<1.8
	000612	BPA	<3.7	<2.6
		BPB	<1.51	<0.59
	000705	BPA	<2.43	<4.57
		BPB	<2.07	<1.8
	000829	BPA	<2.28	<3.57
		BPB	<1.69	<2.20
	001019	BPA	<0.573	<1.91
		BPB	<0.698	<1.61
	001207	BPA	<1.80	<1.89
		BPB	<0.825	<1.19
	020130		ND	ND
	020230		ND	ND
	020430		ND	ND
	020530		ND	ND

APPENDIX 4. 2378-TCDD AND 2378-TCDF IN EFFLUENT FROM WASTEWATER TREATMENT PLANTS

SOURCE	DATE	TCDD (pg/l)	TCDF (pg/l)
INTERNATIONAL PAPER Jay	020730	ND	ND
	020830	ND	ND
	021030	ND	ND
	021130	ND	ND
	030130	ND	ND
	030230	ND	ND
	030330	ND	ND
	030430	ND	ND
	030630	ND	ND
	031030	ND	ND
	031130	ND	ND
	040130	<10	<10
	040230	<10	<10
	040430	<10	<10
	040530	<10	<10
	040730	<10	<10
	040830	<10	<10
041030	<10	<10	
041130	<10	<10	
HARTLAND	960530	<0.06	
KIMBERLY-CLARK	930308	<10	<12
	930623	<4.6	<3.9
LINCOLN PAPER & TISSUE	881130	32	130
	920817	11.2	69.8
	920908	<11	27.3
	921117	7.7	39.1
	921216	<1.9	9.5
	931230	<5.5	<17.3
	940417	1.9	7.5
	950824	1.3	8.5
	960409	1.3	8.5
	970116	BP 25.4	BP 103
	970212	BP 11	BP 43.1
	970522	BP 11.4	BP 27.6
	970813	BP 6.4	BP 14.4
	971001	BP 1.6	BP 1.9
	971231	BP <2.4	BP <3.83
	980330	BP <3.4	BP <3.7
	980430	BP <10	BP 13.2
	980630	BP <8.9	BP <4
	980830	BP <7.1	BP <7.6
980930	BP <2.3<4.1	BP <2.3<3.2	
981130	BP <2.6<4.9	BP <2.7<3.6	
981230	BP <1.5	BP <1.3	
990230	BP <1.1	BP <2.1	

APPENDIX 4. 2378-TCDD AND 2378-TCDF IN EFFLUENT FROM WASTEWATER TREATMENT PLANTS

SOURCE	DATE		TCDD (pg/l)		TCDF (pg/l)
LINCOLN PAPER & TISSUE	990330	BP	<2.5	BP	<3.8
	990430	BP	<2.8	BP	<3.2
	990630	BP	<4.4	BP	<4.5
	990830	BP	<4.3	BP	<2.8
	990930	BP	<1.3	BP	<.44
	991030	BP	<2.3	BP	<2.2
	991130	BP	<3	BP	<2.9
	000130	BP	<1.4	BP	<1.4
	000330	BP	<3.0	BP	<1.2
	000430	BP	<1.6	BP	<1.3
	000630	BP	<7.14	BP	<3.63
	000730	BP	<2.07	BP	<1.25
	000830	BP	<2.14	BP	<3.17
	001030	BP	<3.39	BP	<2.17
	001130	BP	<2.08	BP	<4.43
	010228	BP	<2.11	BP	<2.39
	010330	BP	<0.56	BP	<0.618
	010530	BP	<3.28	BP	<7.31
	010630	BP	<2.05	BP	<1.97
	010830	BP	<1.25	BP	<3.56
	010930	BP	<4.01	BP	<3.37
	011130	BP	<2.18	BP	<6.19
	011230	BP	<4.97	BP	<4.79
	020230	BP	<1.68	BP	<1.22
	020330	BP	<2.27	BP	<1.31
	'020530	BP	<1.34	BP	<1.08
	020630	BP	<.841	BP	<1.03
	021030	BP	<.381	BP	<.548
	021130	BP	<.612	BP	<.340
	030230	BP	<1.16	BP	<.630
	030330	BP	<.995	BP	<.590
	030530	BP	<1.63	BP	<1.17
	030630	BP	<2.15	BP	<.447
030730	BP	<2.82	BP	<2.67	
030830	BP	<3.76	BP	<3.02	
MEADWESTVACO CORP	880518		120		570
	890301		25		80
	890807		<6		20
	890810		<13		20
	890814		<5		13
	890817		<5		18
	890821		<8		21
	890824		<5		10
	890829		<5		18
	890831		<11		20
	890905		<11		20
	890907		<9		18
891023		<3		7	
891026		<5		6	

APPENDIX 4. 2378-TCDD AND 2378-TCDF IN EFFLUENT FROM WASTEWATER TREATMENT PLANTS

SOURCE	DATE	TCDD (pg/l)	TCDF (pg/l)
MEADWESTVACO CORP	891222	<5	20
	900216	<2	6
	900216	<1	7
	900515	<10	<8
	900515	<1	5
	900627	<3	8
	900627	<3	9
	920217	<4.6	14
	920221	<4.6	13
	920311	<4.6	9.9
	920316	3.2	8.7
		3.5	12
	920326	4.6	17
		4.5	8.5
	920412	6.3	24
	920613	<4.6	6.8
	920708	<4.6	<5.8
	920831	<4.6	3.5
	920904	<3.8	
	921104	<3.7	
	921201	<2.4	
	930105	<2.4	
	930201	<2.4	<10
	930401	<2.8	<10
	930501	<2.4	<10
	930701	<3.9	12
	930801	<2.8	<3.4
	931001	<3.2	<10
	931101	<3.9	<3.6
	940130	<2.8	<5.2
	940219	<1.9	<1.3
	940417	<3.3	<2.4
	940509	<3.6	<1.2
	940728	<3.7	<1.7
	940829	<2.7	<2.0
	941024	<2.1	<1.1
	941205	<2.7	<1.8
	950131	<10	<10
	950229	<10	<10
	950430	<10	<10
	950531	<10	<10
	950731	<10	<10
	950831	<10	<10
	951031	<10	<10
	951130	<10	<10
	960130	<10	<10
	960330	<10	<10
960430	<10	<10	
960530	<10	<10	
960730	<10	<10	

APPENDIX 4. 2378-TCDD AND 2378-TCDF IN EFFLUENT FROM WASTEWATER TREATMENT PLANTS

SOURCE	DATE	TCDD (pg/l)	TCDF (pg/l)	
MEADWESTVACO CORP	960830	<10	<10	
	961030	<10	<10	
	961130	<10	<10	
	970317	<10	<10	
	980130	<10	<10	
	980230	<10	<10	
	980430	<10	<10	
	980530	<10	<10	
	980609	BP	<10	<10
	980730		<10	<10
	980830	BP	<10	<10
	981030	BP	<10	<10
	981130	BP	<10	<10
	990130		<10	<10
		BP	<10	BP
	990230		<10	<10
		BP	<10	BP
	990430		<10	<10
		BP	<10	BP
	990530		<10	<10
		BP	<10	BP
	990730		<10	<10
		BP	<10	BP
	990830		<10	<10
		BP	<10	BP
	991030		<10	<10
		BP	<10	BP
	991130		<10	<10
		BP	<10	BP
	000113	BP	<10	BP
	000224	BP	<10	BP
	000410	BP	<10	BP
	000505	BP	<10	BP
	000718	BP	<10	BP
	001003	BP	<10	BP
	001106	BP	<10	BP
	010112	BP	<10	BP
	010201	BP	<10	BP
	010408	BP	<10	BP
	010502	BP	<10	BP
010711	BP	<10	BP	
010808	BP	<10	BP	
011009	BP	<10	BP	
011102	BP	<10	BP	
020105	BP	<10	BP	
020202	BP	<10	BP	
020408	BP	<10	BP	
020503	BP	<10	BP	
020712	BP	<10	BP	
020817	BP	<10	BP	
021001	BP	<10	BP	

APPENDIX 4. 2378-TCDD AND 2378-TCDF IN EFFLUENT FROM WASTEWATER TREATMENT PLANTS

SOURCE	DATE		TCDD (pg/l)		TCDF (pg/l)
MEADWESTVACO CORP	021106	BP	<10	BP	<10
	030102	BP	<10	BP	<10
	030201	BP	<10	BP	<10
	030406	BP	<10	BP	<10
	030512	BP	<10	BP	<10
	030706	BP	<10	BP	<10
	030811	BP	<10	BP	<10
	031020	BP	<10	BP	<10
	031110	BP	<10	BP	<10
	040130		<10		<10
	040230				<10
	040330		<10		<10
	040430				<10
	040530				<10
	040630		<10		<10
	040730				<10
	040830				<10
	040930		<10		<10
	041030				<10
	041130				<10
SAPPI - SOMERSET	880630		16,19		63,100
	900710		<7.1		8.4
	900716		<6.1		5.9
	dup		<5.5		<7.3
	900724		<3.6		<3.9
	930105		<3.4		9.2
	930224		<4.7		15
	930311		<4.0		10
	930409		6.8		18
	930616		6.3		14
SAPPI - SOMERSET	930917		7		17
	931203		7.6		19
	940107		<3.8		9.2
	940624		<10		13
	940923		<11		8.7
	941209		<4.6		6.6
	950310		9		11.6
	950505		<10.3		6.6
	950616		<3.9		<9.4
	950807		5.8		14.5
	950911		2.8		15.3
	951124		<4.2		38.7
	951208		<7.4		29
	960112		<1.6		<2.3
	960209		<3.2		<4.8
960405		<2.7		<2.7	

APPENDIX 4. 2378-TCDD AND 2378-TCDF IN EFFLUENT FROM WASTEWATER TREATMENT PLANTS

SOURCE	DATE	TCDD (pg/l)	TCDF (pg/l)
	960610	<3.6	6.5
	960712	<3.0	4.2
	960809	5.8	15
	961108	<4.9	11
	961206	<4.1	9.7
	970103	<4.3	6.2
	970207	<2.0	7.5
	970411	<2.2	5.7
	970509	8.2	12
	970708	BP	<3.0
	970711		<3.2
	970805	BP	<2.9
	970807	BP	<3.5
	970815		<3
	970820	BP	<3.7
	980825	BP	<2.3
	970916	BP	<2.6
	971017		<9.1
	971114		<3.8
	980109		<3.5
	980112	BP	<3.2
	980206		<4.3
	980410		<1.6
	980608		<5.7
	980810		<1.6
	980911		<1.9
	981009		<1.9
	981106		<2.2
	990210		<1.5
	990310		<2.6
	990410		<4.6
	990510		<3.4
	990710		<3.5
	990910		<7.3
	991010		<4.1
	991110		<2.2
	000204		<3.4
	000310		<3.1
	000407		<3.3
	000505		<5.7
	000728		<2.24
	000908		<4.34
	001110		<0.556
	001208		<3.61
	020130	BP	<0.993
	020230	BP	<3.29
	020330	BP	<2.64
	020430	BP	<0.328
	020530	BP	<0.471
	020630	BP	<0.926
	020730	BP	<0.903

APPENDIX 4. 2378-TCDD AND 2378-TCDF IN EFFLUENT FROM WASTEWATER TREATMENT PLANTS

SOURCE	DATE		TCDD (pg/l)		TCDF (pg/l)
SAPPI - SOMERSET	020830	BP	<0.955	BP	<1.19
	020930	BP	<2.41	BP	<2.25
	021030	BP	<0.661	BP	1.73
	021130	BP	<1.77	BP	<1.66
	021230	BP	ND	BP	<1.68
	030130	BP	<0.933	BP	<0.435
	030230	BP	<1.91	BP	<2.36
	030330	BP	<1.18	BP	<1.20
	030430	BP	<1.82	BP	<1.21
	030530	BP	<0.878	BP	<0.874
	030630	BP	<0.841	BP	<0.847
	030730	BP	<1.18	BP	<0.985
	030830	BP	<2.04	BP	<1.42
	030930	BP	<0.672	BP	<0.573
	031030	BP	<1.28	BP	<1.20
	031130	BP	<1.41	BP	<1.49
	031230	BP	<3.04	BP	<3.38
	040130	BP	<1.96	BP	<2.13
	040230	BP	<1.95	BP	<1.94
	040330	BP	<0.440	BP	<0.642
	040430	BP	<0.691	BP	<0.628
	040530	BP	<0.532	BP	<0.498
	040630	BP	<1.08	BP	<1.58
	040730	BP	<1.34	BP	<1.06
	040830	BP	<0.904	BP	<0.576
040930	BP	<1.47	BP	<1.31	
041130	BP	<2.01	BP	<2.09	
SAPPI - WESTBROOK	880101		6.3		
	1989		1		
	901118		<3		8
	910425		<5		<5
	910716		<8		<5
	911203		<8		<5
	920218		<2.8		7
	920507		<1.2		4.6
	920715		<5.8		<4.9
	921114		<1.8		3.9
	930303		<7.8		16
	930617		<1.5		<6.4
	930915		<2.4		5.7
	931208		<3.4		<7.3
	940130		<6.5		<9.8
940324				<5.9	
940727		3.6		7.8	
941212		<6.0		<15.8	
950730		<5.4		9.8	
950615		<2.8		<9.9	

APPENDIX 4. 2378-TCDD AND 2378-TCDF IN EFFLUENT FROM WASTEWATER TREATMENT PLANTS

SOURCE	DATE		TCDD (pg/l)		TCDF (pg/l)
SAPPI - WESTBROOK	950815		<4.3		<21.9
	970519	BP	<7.9	BP	<10
	970808	BP	5.05	BP	<8.2
	971002	BP	<	BP	13.46
	980324		<1.6		5.9
	980914	BP	13.4	BP	130
	980915		<1.0		11
	980921		<1.9		<1.9
		BP	<10	BP	110
	981118		<10		<10
		BP	<10	BP	130
	981208	BP	<10	BP	140
	981209		<11		<11
	990113		<10		<10
	990131		<10		<11
		BP	10	BP	140
	990209		<10		<10
	990318		<10		<10
	990331		<10		<10
		BP	<11	BP	150
	990407		<10		<10
	990526		<11		15
	990617		<10		<10
	990630		<10		15
		BP	<11	BP	130
	990728		<9.5		<9.5
	990731	BP	<10	BP	54
	990830		<10		<10
	990830		<10		<10