Exhibit 13

Chronic toxicity of the isomers of Aroclor 1242 and 1254 to Daphnia magna tested in standing jars. Concentrations are based on the nominal concentration and expressed in µg/liter. (National Water Quality Lab. unpublished data)

Isomers	Aroclor (PCB)	100% Adult Mortality (µg/l)	Reproduction[a] No significant Impairment (µg/l)	Reproduction[a] Significant Impairment (µg/l)
Parent mixture	1242	< 50	25	50 µg/l
2,4,4' trichlorobiphenyl[b] 2,5,4' trichlorobiphenyl 3,4,2' trichlorobiphenyl	1242	< 50	25	50 µg/l
2,3,2',3' tetrachlor - 2,5,3',4' tetrachlor - 2,4,3',4' tetrachlor -	1242	< 50	12.5	25 µg/l
Parent mixture	1254	> 50	50	> 50 µg/l
2,5,2',5' tetrachlor - 2,4,2',5' tetrachlor - 2,3,2',5' tetrachlor -	1254	100	25	50
2,3,6,2',5' pentachlor - 2,4,5,2',5' pentachlor - 2,4,5,2',4' pentachlor - 2,4,5,2',3' pentachlor -	1254	100	50	100

a. As determined from an Analysis of Variance and Dunnett's Test($p=.05$)

b. Isomers prepared by Ron Webb, EPA, Athens, GA.

Table 2. Toxicity of Aroclor 1016 to selected species of freshwater fish by the flow-through technique.

Test Organism		Test Conditions				LC Values (µg/l) and 95% Confidence Limits				
						96 hr.	Terminal Value		TI	TI
Species	Size (g)	Temp (°C)	pH	Alkal (mg/l)	Hard. (mg/l)	LC50	Day	LC50	LC10	LC50
Atlantic salmon	5.6	17	7.6	250	310	134 113-160	16	60 52-70	24	34
Bluegill	0.9	12	7.6	257	314	420 240-720	35	43 28-65	8.2	28
Bluegill	1.8	20	7.4	237	272	46 39-54	22	14 12-16	7	8
Brown trout	4.6	12	7.6	257	314	138 108-175	17	81 64-102	36	65
Rainbow trout	sac fry	12	7.6	257	314	440 366-527	17	49 33-72		
Rainbow trout	2.5	10	7.4	237	272	100 64-156	23	11 10-12		1.2

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2,3,2',3' tetrachlor - 2,5,3',4' tetrachlor - 2,4,3',4' tetrachlor -.	1242	< 50	12.5	25 µg/l
Parent mixture	1254	> 50	50	> 50 µg/l
2,5,2',5' tetrachlor - 2,4,2',5' tetrachlor - 2,3,2',5' tetrachlor -	1254	100	25	50
2,3,6,2',5' pentachlor - 2,4,5,2',5' pentachlor - 2,4,5,2',4' pentachlor - 2,4,5,2',3' pentachlor -	1254	100	50	100

a. As determined from an Analysis of Variance and Dunnett's Test(p=.05)

b. Isomers prepared by Ron Webb, EPA, Athens, GA.

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Toxicity of Aroclors 1260, 1254, 1248, 1242, and 1016 to Salt Water Organisms in 48- and 96-Hour Bioassays.

Chemical	Organism	Type of Bioassay	Duration	Effect a)	Exhibit Number
Aroclor 1260	Ciliate	Static	96 hrs.	1000 µg/ℓ decreased growth	11
	Oyster	Flow through	"	60 µg/ℓ-EC 50	12
	Pink shrimp	"	48 hrs.	100 µg/ℓ-10% died	12
	Pinfish	"	"	100 µg/ℓ-n.e.	12
Aroclor 1254	Ciliate	Static	96 hrs.	1 µg/ℓ decreased growth	13
	Oyster	Flow through	"	14 µg/ℓ-EC 50 b)	1
	Pink shrimp	"	48 hrs.	32 µg/ℓ-LC 50 c)	1
	Pinfish	"	"	100 µg/ℓ-n.e. d)	1
Aroclor 1248	Ciliate	Static	96 hrs.	1000 µg/ℓ decreased growth	11
	Oyster	Flow through	"	17 µg/ℓ EC 50	12
	Pink shrimp	"	48 hrs.	32 µg/ℓ-LC 50	12
	Pinfish	"	"	100 µg/ℓ-10% died	12
Aroclor 1242	Oyster	"	96 hrs.	32 µg/ℓ-EC 50	16
	Brown shrimp	"	"	9 µg/ℓ-LC 50	16
	Grass shrimp	"	"	16 µg/ℓ-LC 50	16
	Pinfish	"	"	100 µg/ℓ-n.e.	16
Aroclor 1016	Oyster	"	"	10 µg/ℓ-EC 50	19
	Brown shrimp	"	"	10 µg/ℓ-LC 50	19
	Grass shrimp	"	"	12 µg/ℓ-LC 50	19
	Pinfish	"	"	100 µg/ℓ-n.e.	19

a) Concentrations are nominal.

b) EC 50--Effect is decreased shell growth in oysters.

c) LC 50--Concentration is lethal to 50% of test organisms.

d) n.e.--no observed effect at the stated concentration on growth or mortality only and is not to be interpreted in an absolute sense.