COMPARISON OF CHLORDANE RELATIVE POTENCY FACTOR (RPF) APPLICATIONS
LPRSA BASELINE HUMAN HEALTH RISK ASSESSMENT
ANGLER, RME SCENARIO

Mixed Fish Diet - Cancer		Angler (Child 1 to < 7 yrs)	Angler (Adolescent 7 to < 19 yrs)	Angler (Adult > 18 yrs)	Combined Adult/Child
COPC for Mixed Fish Diet	**RPF**	**Potential Cancer Risk**	**Potential Cancer Risk**	**Potential Cancer Risk**	**Potential Cancer Risk**
cis-Nonachlor					
CPG Approach - Apply average male/female RPF	2.9	1E-06	1E-06	2E-06	3E-06
EPA Approach in 12/4/15 Letter - no RPF application for cancer (a)	NA	4E-07	5E-07	8E-07	1E-06
Oxychlordane					
CPG Approach - Apply female RPF (no male RPF)	5.6	2E-06	3E-06	4E-06	6E-06
EPA Approach in 12/4/15 Letter - no RPF application for cancer (a)	NA	4E-07	5E-07	8E-07	1E-06
trans-Nonachlor					
CPG Approach - Apply average male/female RPF	19.9	8E-06	1E-05	2E-05	3E-05
EPA Approach in 12/4/15 Letter - no RPF application for cancer (a)	NA	4E-07	6E-07	9E-07	1E-06
(a) - EPA risk calculated by dividing CPG risk by RPF.		Exceeds 1E-06			

Mixed Fish Diet - Noncancer		Angler (Child 1 to < 7 yrs)	Angler (Adolescent 7 to < 19 yrs)	Angler (Adult > 18 yrs)
COPC for Mixed Fish Diet	**RPF**	**Noncancer Hazard**	**Noncancer Hazard**	**Noncancer Hazard**
cis-Nonachlor				
CPG Approach - Apply average male/female RPF	2.9	0.07	0.05	0.05
EPA Approach in 12/4/15 Letter - Apply higher of male/female RPF (a)	4.8	0.1	0.08	0.08
Oxychlordane				
CPG Approach - Apply female RPF (no male RPF)	5.6	0.1	0.09	0.08
EPA Approach in 12/4/15 Letter - Apply female RPF (no male RPF) (a)	5.6	0.1	0.09	0.08
trans-Nonachlor				
CPG Approach - Apply average male/female RPF	19.9	0.6	0.4	0.4
EPA Approach in 12/4/15 Letter - Apply higher of male/female RPF (a)	32.2	0.9	0.6	0.6
(a) - EPA hazard calculated by dividing CPG hazard by higher of male/female RPF.		Exceeds HQ of 0.1		

Crab Muscle/Hepatopancreas - Cancer		Angler (Child 1 to < 7 yrs)	Angler (Adolescent 7 to < 19 yrs)	Angler (Adult > 18 yrs)	Combined Adult/Child
COPC (b)	**RPF**	**Potential Cancer Risk**	**Potential Cancer Risk**	**Potential Cancer Risk**	**Potential Cancer Risk**
cis-Nonachlor					
CPG Approach - Apply average male/female RPF	2.9	3E-07	4E-07	6E-07	9E-07
EPA Approach in 12/4/15 Letter - Apply higher of male/female RPF (a)	NA	1E-07	1E-07	2E-07	3E-07
Oxychlordane					
CPG Approach - Apply female RPF (no male RPF)	5.6	2E-06	3E-06	5E-06	8E-06
EPA Approach in 12/4/15 Letter - Apply female RPF (no male RPF) (a)	NA	4E-07	6E-07	9E-07	1E-06
(a) - EPA risk calculated by dividing CPG risk by RPF.		Exceeds 1E-06			

Crab Muscle/Hepatopancreas - Noncancer		Angler (Child 1 to < 7 yrs)	Angler (Adolescent 7 to < 19 yrs)	Angler (Adult > 18 yrs)
	RPF	**Noncancer Hazard**	**Noncancer Hazard**	**Noncancer Hazard**
cis-Nonachlor				
CPG Approach - Apply average male/female RPF	2.9	0.02	0.01	0.01
EPA Approach in 12/4/15 Letter - Apply higher of male/female RPF (a)	4.8	0.03	0.02	0.02
Oxychlordane				
CPG Approach - Apply female RPF (no male RPF)	5.6	0.2	0.1	0.1
EPA Approach in 12/4/15 Letter - Apply female RPF (no male RPF) (a)	5.6	0.2	0.1	0.1
(a) - EPA hazard calculated by dividing CPG hazard by higher of male/female RPF.		Exceeds HQ of 0.1		

(b) trans-Nonachlor is not a COPC in crab muscle & hepatopancreas tissue.