## TERRESTRIAL TOXICITY AND AESTHETICS VALUES

Chemical Name: Literature Review Date:		lead 8/3/07	CAS No. <u>7439-92-1</u>			
Derived By: Reviewed By:		S. Briggs D. Bush P\$	Verification Date:	9/30/200		
HNV Tier Status: HCV Tier Status:		1	WV Tier Status:	3		
	7	Drinking Water		Non-Drinking Water		
×	HNV	14 ug/L		190 ug/L		
CTH	SCREENING LEVEL			×		
HUMAN HEALTH	HCV		<u> </u>	_		
AN	POTENCY			2		
HUM	HH-BAF-TL.3	8	10 L/kg			
	HH-BAF-TL.4		10 L/kg			
L	RfD (ADE)	-	0.000428571 mg/kg/d			
图 声	wv	_	8 33			
WILDLIFE HEALTH	WV-BAF-TL.3	a -				
	WV-BAF-TL.4	** a	3			
	RfD	** ***********************************				
ICS						
AESTHETICS	TASTE THRESH	OLD				
A	ODOR THRESH	OLD				

Comments:

## HUMAN NONCANCER VALUE WORKSHEET

Chemical Name:	lead	CAS No.	7439-92-1
Developed By:	S. Briggs	-	
Reviewed By:	D. Bush 🍑 🗸	Verification Date:	9/30/2007
Key Study:			
effects occur at l related adverse e	ow lead concentrations such ffects. No additional relative	mulgated by EPA (1991) and is us th that there is essentially no lower we source contribution was used be d considers other sources of expos	threshold for lead ecause the action
ADE = (0.015 m	ng/L) (2.0 l/d) (1/70 kg) = 4	.28571 x 10 <sup>-4</sup> mg/kg/d	
$HNV_{dw} = (4$	.28571 x 10 <sup>-4</sup> mg/kg/d) (70	kg) = 0.01395347	4 mg/Γ.
	$(.0036 \text{ kg/d} \times 10 \text{ l/kg}) + (.0036 \text{ kg/d} \times 10 \text{ l/kg})$		O
	1.28571 x 10 <sup>-4</sup> mg/kg/d) (70 /d + [(.0036 kg/d x 10 l/kg)	_·	812 mg/L 0 ug/L

/kg /kg LABC		Expo Dura (Da lifet	Verification with the wind with the wind with the wind with the window window with the window with the window window with the window window wi	CAS No. Review Date: Cation Date: CBAF-TL.3: CBAF-TL.4:  Tissue Type muscle  g/kg)/20.1 ug	7issue Lipid (%)		Water or Sed. (BSAI Conc.
/kg /kg LABO	Species Bluegill dry wt x 0.2	Expo Dura (Da lifet	Verification with the wind with the wind with the wind with the window window with the window with the window window with the window window wi	Tissue Type muscle	7issue Lipid (%)	Steady State Tissue Conc.	Sed. (BSA) Conc.
/kg /kg LABC	Species Bluegill dry wt x 0.2	Expo Dura (Da lifet	WL WL osure ation ays) time	Tissue Type muscle	Tissue Lipid (%) na	Steady State Tissue Conc.	Sed. (BSA) Conc.
/kg LABC  1e 7*	Species  Bluegill  dry wt x 0.2	Expo Dura (Da lifet	wL osure ation ays) time	Tissue Type muscle	Lipid (%) na /l	Tissue Conc.	Sed. (BSA) Conc.
/kg LABC  1e 7*	Species  Bluegill  dry wt x 0.2	Expo Dura (Da lifet	wL osure ation ays) time	Tissue Type muscle	Lipid (%) na /l	Tissue Conc.	Sed. (BSA) Conc.
ie 7* body c	Species  Bluegill  dry wt x 0.2	Expo Dura (Da lifet	ation ays) time x 1000	Type muscle g/kg)/20.1 ug	Lipid (%) na /l	Tissue Conc.	Sed. (BSA) Conc.
7* body c	Bluegill dry wt x 0.2	Dura (Da lifet	ation ays) time x 1000	Type muscle g/kg)/20.1 ug	Lipid (%) na /l	Tissue Conc.	Sed. (BSA) Conc.
7* body c	Bluegill dry wt x 0.2	(Da	ays) time x 1000	Type muscle g/kg)/20.1 ug	Lipid (%) na /l	Conc.	Conc.
7* body c	Bluegill dry wt x 0.2	lifet x 0.166 x	x 1000	muscle g/kg)/20.1 ug	na /l		
body o	dry wt x 0.2	x 0.166	x 1000	g/kg)/20.1 ug	/1	6.1 ug/g	20.1 ug/l
sion fa body P	ector of 0.16 b concentra	6 per Ste ation = Dr	phan ( ry Wei	AF to muscle 1993). ght Basis, the	refore use		*
				*			
	100		Ref	Meas./Calc.			
od	Value		#	Log Kow	M	ethod	Value
					R E I SEI	() and ()	
	Food Chain Multipliers FCM-TL.3: FCM-TL.4:						
				F	FCM-TL.3:	FCM-TL.3:	FCM-TL.3: