

CARCINOGEN		CAS #:	50328	
Substance:	Benzo(a)pyrene			
Crit. or 2nd Val.:	2nd Value			
		Base. BAF*	Fr.Free.Diss.	Max. Cont. Level
	RAD (mg/Kg/d)	(@100% lipid)	f_fd	(MCL - mg/L)
	0.0000014	25,011	0.799	0.0002
Public Water		Non. Pub. wat.		
Supply	mg/L	Supply	mg/L	
WWFAL	1.36E-05	WWFAL	1.88E-05	
CW	5.00E-06	CW	5.56E-06	
GL	5.10E-06	LFF	1.88E-05	
		LAL	0.0098	
* BAF is normalized to 100% lipid, and is representative of trophic level 4				
RAD reference:	MI. DNR report, 1/96 (GLWQI Chems. of Initial Focus Data Eval.)			
Source:	IRIS as of 4-96 (q=7.3 mkd)			
BAF reference:	Option A was used for BBAF generation			
Source:	Derivation of BAF for GLI (draft), Stephan, 1993			
	Generated using BAF=1000, logKow=6.02, %lip=5.0			
If f_fd is to be generated from K-ow, use $1/(1+(.00000024 \text{ kg/L})(K-ow))$:				
	K-ow	Calculated ff_D		
	1047129	0.799		