

<b>CARCINOGEN</b>		CAS #:	121142	
<b>Substance:</b>	2,4-Dinitrotoluene			
<b>Crit. or 2nd Val.:</b>	Criteria			
		<b>Base. BAF*</b>	<b>Fr.Free.Diss.</b>	<b>Max. Cont. Level</b>
	RAD (mg/Kg/d)	(@100% lipid)	f_fd	(MCL - mg/L)
	0.000015	190	1	na
<b>Public Water</b>		<b>Non. Pub. wat.</b>		
<b>Supply</b>	<b>mg/L</b>	<b>Supply</b>	<b>mg/L</b>	
WWFAL	5.07E-04	WWFAL	0.0132	
CW	4.80E-04	CW	0.00532	
GL	4.81E-04	LFF	0.0132	
		LAL	0.105	
* BAF is normalized to 100% lipid, and is representative of trophic level 4				
<b>RAD reference:</b>	MI. DNR report, 1/96 (GLWQI Chems. of Initial Focus Data Eval.)			
<b>Source:</b>	IRIS as of 4-96, (q=mix of 98% 2,4-DNT and 2% 2,6-DNT = .68)			
<b>BAF reference:</b>	Option C was used for BBAF generation			
<b>Source:</b>	Derivation of BAF for GLI (draft), Stephan, 1993			
	Generated using logKow=2.01, BCF=16.2, %lip.=8.0, FCM=1			
If f_fd is to be generated from K-ow, use $1/(1+(.00000024 \text{ kg/L})(K-ow))$ :				
	K-ow	Calculated ff_D		
	102	1.000		