_____ DATE __



J. H. MURDOUGH ASCE STUDENT CHAPTER	AS THE	TW-3	C	OURSE CE 5364	SHEET_ OF
Il Gwen' Soil	contami	10-4 mg	Cd, concil	nger SF= 6.10	(mg)-1
Find: [A]	CInh #	for offsite	resident	children 1-69	rs Sadults
				7)(87)(80)	2
CAZ	5.4x 10-+	~8/m3		0.63 m The (adul	ut)
KA =	100% = 100% = 365=	21	,		
ED -		CChild 1-6)	50gr Chill	-)
Bw		(Ch.ld, 1-6)	70 kg (whalt)	
Ch. 1 1-6	(5.4x10	+ms X025	=3)W(D((3654m) (3654m) (3654m)	(Sr.)
034.1%	= 7.2NI	0-6 ms legal	.) (70gr) (365 flor)	
			(0.63 m3)(1)(1)(15 Jr)(18 fr)(365 d
CInhad)(1)(12 hr)(56 for)	
[B] CR=		10-5 75			
			/	-c mg	
C	R 1-6 =	6.10 (mg) 4.4×10) (7.2x 10	Ed)	
2	Rouner =	6.10 mg)-1 (6.4x1	0-5 mg	
What I was the first to the fir	of the little to the special property and the	6.10 (mg 152)	4		
		enge Wysylabies "miniganies.			
THE REPORT OF THE PARTY OF THE		-FALLY TREE - SECTION AND SECT	tel - orthograph and the standing and standard plant		And Marked Assessed
NO. SEASON OF THE PERSON OF TH	Alle vince community			- Annual of the state of the st	

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TEXAS TECH UNIVERSITY J. H. MURDOUGH	
ASCE STUDENT CHAPTER	et 15 Tec

SCE STUDENT CH	APTER 📆	TEC		COURSE	SHEET _	OF _
2 6000	Off-si	te Pla, non-	concer et	tects. PPD:	6.9×10 4 my	
	Darmal	exposures			KYL	
-	CS = 20	bongly inso	oil ab	surptiontenta	10% child 1-6,	570a
Fund:	EAT N	DEV by	State rec	det Obild	d 14.	
	[5] F	id HQ f	veach	ant. Child,	, aunits	
LAJ NO	DEX 1-6=	(CS) (CL)C	SA) (A4-) 4	ABS, ICAN (EF)	(ED)	
			(BW) (AT	2		
	CS= 20	Tegs.1				
		1×10=6 kg	Ì			
	SA=	6980 emil (C)	ild.	12150 cm2	-1 Cadalti	
	Ar =	20705 lui (children	10705/60	(adult)	
200 to 10 to	AF=	10.75 mg/cm2			2-4	
14	An35 =	1070 Ca.1	d1-c)	5070 (ad	due +)	
	BR =	0.15 330d/gr				
Control of the Contro	ED =	5yr (child	(-(-)	5Byr (al	ef)	
	Bw=	16kg (Ch.1	41-67	7014 (as	lult)	
-1	AT =	5 gr (chily	(1-6)	58 gr (a.	hilt)	
Child,	4	A No. of Street, Stree				
De sollente verse armite su paracher vitage and parachers	12	60 me 1/10-6)/	100-03/103	1/20 mg 7/2	Y0.15)(3304g)((Sau)
NCO	GX =	12/50:)(10)	6780 Ch.2/ (U. 20	1)(0.13 9cm²)(0,)) [0,13] [30 By) [-0-1
		(1)	es) (3yr	(365d/gr)		
	= 23	X 10- + ms Fgd	Ī			
ntan i kanana atrana nawé disepasa a uja	MARK AND MINES ARROW IN NA	Kg/	-1 00-00 s 10-00 s mil 1 0 00 s			
A						
Hault		160mg / (15-6)/18h	50 cm2) 6 pm	10 2 ME 1 (n. 05)	(0115)(320K)X5E	3144)
NLDEX	Just =	(15) (15) (15)	4)(0.10)	Cont Cont	30 30	O J
Out that I consider a supplication over a line on the supplication of the supplication			(3 02°	(345dgr)		
	=	3.4 ×10 -5 m	£			
		18.	4			
60 .	=		- CALADAN	and the state of t		
[8] HQ =	REFD	AND A TOPOLOGICAL SERVICES OF PARTICIPAL SERVICES AND ADDRESS.	PROPERTY OF THE SECTION SPECIAL SEC	1 (1.17m) 1 (1.17m) 1 (1.17m)		
410	2:	3 × 10 - 4 mg	= 0.33	\$		
	6 6.0	TXI 54 mg,		_	98	
NO	0 = 3	Ax 10-5 mg RX10-4 mg	= 0.049	October 1 to a decimal service of all supposed to the constitution of the constitution		
Tale	- 12	9x10-1 mg		4		
and parameter or		kged		and the second		
				E .		

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SHEET		OF

3 Giver Contaminated groundwater CW = 0.36 mg/L RfD = 0 10 mg/
There Contaminated grounderates CWM= 0.36 mg/L Reft = 0.10 mg/gd Ch. Idres 6-12 drinks 1 42, Adults 24/d Mn
Find: [A] NCIng 6-12 4 NCIngaluet
CBJ MQ toveach
[A] NCING = (CW) (FI) (ABS) (EF) (ED)
(BWX AT)
CW = 0.34 M8/L
IR= 142 (Child(-12) 24/d (adult)
FE = 1.0
ABS_= 1.0 FF = 3654/gr
A ED = Gyr (Childre 12) 58 gr (white)
Bue 29 les (Child, -12) 70 kg (aluet)
Chille-12 NCDuyl-12 = (0.36 mg) (141) (1) (1) (3654gr) (69r) (2914) (69r) (3654gr)
(2aks) (6gr) (365/gr)
NCIng6-12= 12×10-2 mg 1
Asult (036mg/L)(24/a)(1)(1)(3654/gr)(56gr)
NCIngalult = (10 1/8) (58 81) (3654/61)
NC Engadult 10/10-2 mg
[B] HQ2 m
Chilton
10 - 12×10-2 200
1 2-12 a10 mg
HQ = 0.12
Doubt 2 mg
HO 12 1.000 FEE
o. 1 mg/12gd
[B] HQ = \frac{\pi}{\text{RD}} Childrenz HQ = \frac{12 \text{Pro}^2 \text{Pro}}{\text{RD}} HQ = \frac{12 \text{Pro}^2 \text{Pro}}{\text{RD}} HQ = \frac{12 \text{Pro}^2 \text{Pro}}{\text{RD}} Asult HQ anult = \frac{1.0 \text{Pro}^2 \text{Pro}}{\text{RD}} HQ anult = 0.10

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NAME	DATE
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COURSE	SHEET	OF	

SCE STUDENT CHAPTER 148 16
4 Given: Annal exposic test for Irmkey water concentration of
non-carcinosan. Rests. Non zero treshold.
Control Grap
100 rots, 3 w/ wa disease
Sarrifice @ 18 mo
Test trap
Lowest observed effect 140mg/ 30ml/u, expose 12mo
Sacrifical at 10 mg
Adult weight = 0.4 kg
100 vots, 12 w/ 11 in descion
Find: [A] LOATEL for vots
[B] RLD for humans - Subchironic animal data, no human
ECT Convert RAD to acceptable DUEL
CAT NOT - (CW) (TR) (FT) (ARS) (EF) (ED) = LOASL
[A] NC FUSINT = (CW) (IR) (ARS) (EF) (ED) = LOAEL
CW = 140 mg 1L
PR= 30ml/d = 0.030 4d
PI = 1
abs = 1
EE = 365d/gr
10 ED = 110-
BW=0.4 Kg
NCING = LOAEL = (0.0304/2) (1) (1) (365-460) (150)
NCING = LOAEL = (0.+ Kg)(365-16,)(1/2)
LOAEL = 10,5 mg
[R] RAD = (UF)(MF)
LIST VCHD = (UF)(MF)
OF = (104) (104) (105) (104) = 104 MF=1
3 (40 = 10.5 Told
(104)(1)
PAD = 1.05×10-3 1/3
0
[C] DWEL = (PFD) (BW) = (1.05 × 10 3 mg) (70 Kg) (IE) (72 4/d)
(Te) (5 W)
(274)
$Dw2 = 0.037 \frac{m_0}{L}$

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