TABLE 14 SUMMARY OF TIER II CLEANUP GOALS FOR THE NONRESIDENTIAL SCENARIO

Chemical	Compound is	Surface	Subsurface	
Name	Bioaccumulatable 1	Soils	Soils	Groundwater
	(yes/no)	(mg/Kg)	(mg/Kg)	(mg/L)
naphthalene	Ou	10,000.00	10,000.00	4.0880
acenaphthylene	ou	NA	NA	NA
acenaphthene	ou	10,000.00	10,000.00	6.1320
fluorene	ou	10,000.00	10,000.00	4.0880
phenanthrene	ou	NA	NA	NA
anthracene	ou	10,000.00	10,000.00	30.6600
fluoranthene	yes	10,000.00	10,000.00	0.8176
pyrene	ou	10,000.00	10,000.00	3.0660
benzo(a)anthracene*	yes	79.45	103.88	0.0100
chrysene*	yes	7,945.21	10,000.00	0.3918
benzo(b)fluoranthene*	yes	79.45	354.98	0.0100
benzo(k)fluoranthene*	yes	794.52	3,759.12	0.0392
benzo(a)pyrene	yes	7.94	58.69	0.0100
indeno(1,2,3-cd)pyrene*	yes	79.45	629.17	0.0100
dibenzo(a,h)anthracene*	yes	7.95	98.69	0.0100
benzo(g,h,i)perylene	yes	NA	NA	NA
3,3'-dichlorobenzidine	ou	128.89	12.86	0.0200
n-nitroso-di-n-propylamine	ou	8.29	99.0	0.0100
bis(2-chloroisopropyl)ether	ou	93.12	1.32	0.0409
4-chloroaniline	ou	8,160.00	1,117.69	0.4088
2-chloronaphthalene	ou	10,000.00	10,000.00	8.1760
2,4-dinitrotoluene	ou	4,080.00	39.07	0.2044
hexachlorobutadiene	yes	1.78	31.18	0.0367
hexachloroethane	yes	408.00	3.31	0.0204
isophorone	ou	10,000.00	256.03	3.0105
benzyl alcohol	ou	10,000.00	4,356.75	30.6600
bis(2-chloroethyl)ether	no	4.06	99.0	0.0100

SUMMARY OF TIER II CLEANUP GOALS FOR THE NONRESIDENTIAL SCENARIO

Chemical	Compound is	Surface	Subsurface	
Name	Bioaccumulatable 1	Soils	Soils	Groundwater
	(yes/no)	(mg/Kg)	(mg/Kg)	(Norm)
nitrobenzene	ou	1.020.00	1 73	(111 <u>K</u> /L)
1,2-dichlorobenzene	ou	10,000.00	10 000 00	0.0311
1,3-dichlorobenzene	ou	NA	NA	7.170U
1,4-dichlorobenzene	ОП	2,416.67	34 67	0110
1,2,4-trichlorobenzene	ОП	10,000.00	1.405.37	1 0220
nexachiorobenzene	ОП	6.87	101.56	0.0100
nexachlorocyclopentadiene	OU	2.02	2.89	0.7154
henzoio soid	ou	10,000.00	567.80	0.5837
2 nitrogniling	no	10,000.00	10,000.00	408.8000
nhanol	no	. 42.90	3.30	0.0500
2 mothylahonol	yes	10,000.00	658.78	12.2640
2 mothylphenol	no	10,000.00	375.93	5.1100
7-methoday	no	NA	NA	NA
7 chloropherol	no	10,000.00	427.24	5.1100
2 4-dichlorophenol	Ou	10,000.00	11.63	0.5110
2 4 Stricklorophonol	no	6,120.00	15.12	0.3066
2 4 6 trichlorophenol	no	10,000.00	5,507.44	. 10.2200
nentachlorophenol	no	1,922.89	30.65	0.2600
2.4-dinitronhenol	OU	483.33	24.95	0.0500
bis(2-ethylhexyl)nhthalate	OII	4,080.00	7.37	0.2044
hutvihenzvlnhthalate	yes	4,142.86	1,406.25	0.2043
di-n-hitvlinhthalate	по	10,000.00	10,000.00	20.4400
diethvlinhthalate	yes	10,000.00	6,188.56	2.0440
di methyl phthelete	no	10,000.00	10,000.00	81.7600
di-n-octyl phthalate	no	10,000.00	10,000.00	1,022.0000
henzene	no	10,000.00	10,000.00	2.0440
	no	16.63	4.77	0.0986

TABLE 14 SUMMARY OF TIER II CLEANUP GOALS FOR THE NONRESIDENTIAL SCENARIO

Chemical	Compound is Rioaccimulatable	Surface Soile	Subsurface	
	(yes/no)	(mg/Kg)	Solls (mg/Kg)	Groundwater (mg/L)
toluene	ou	1,000.00	1,000.00	20.4400
ethylbenzene	ОП	1,000.00	1,000.00	10.2200
xylenes	no	1,000.00	1,000.00	204.4000
vinyl chloride	ОП	0.02	0.13	0.0100
chloroethane	ou	1,000.00	1,000.00	NA
, 1-dichloroethylene	ou	0.15	0.08	0,0070
,1-dichloroethane	ОП	973.47	1,000.00	10.2200
,2-dichloroethylene (cis)	ОП	1,000.00	102.49	1.0220
,2-dichloroethane	ou	5.27	0.37	0.0314
trichloroethylene	ОП	24.97	25.73	0.2600
l, l, l-trichloroethane	ou	1,000.00	1,000.00	9.1980
1,2-trichloroethane	ou	22.74	1.05	0.0502
tetrachloroethylene	ou	101.23	8.01	0.0561
, 1, 1, 2-tetrachloroethane	ou	75.91	7.24	0.1100
1,2,2-tetrachloroethane	ou	75.41	0.21	0.0143
chlorotorm	ОП	5.28	20.33	0.4689
acetone	ou	1,000.00	136.29	10.2200
4-methyl-2-pentanone	ou	1,000.00	407.48	5.1100
methyl ethyl ketone	ou	1,000.00	146.24	5.1100
Aldrin	yes	0.27	90.0	0.0002
gamma-BHC (Lindane)	yes	44.62	0.34	0.0022
chlordane	yes	24.48	4.51	0.0020
ODD	yes	241.67	48.34	0.0119
ODE	yes	170.59	80.49	0.0084
100	yes	153.01	141.83	0.0084
dieldrin	yes	3.63	90.0	0.0002
endosultan sultate	ou	102.00	12.00	0.0051

SUMMARY OF TIER II CLEANUP GOALS FOR THE NONRESIDENTIAL SCENARIO TABLE 14

Name Bioaccumulatable (yes/no) Soils (mg/Kg) rin yes 4.16 achlor epoxide no 4.16 ast of child achieved no 6.37 3s yes 7.53 st no 0.000.00 st no 1,020.00 st no 10,000.00 st no 10,000.00 st no 10,000.00 st no 10,000.00 mide no 1,000.00 ide no 10,000.00 idium no 10,000.00 dium no 10,000.00 dium no 10,000.00 no 10,000.00 10,000.00 10,000.00	Chemical	Compound is	Surface	Subsurface	
rin (yes/no) (mg/Kg) (mg/Kg) (mg/Kg) (mg/Lg) (Name	Bioaccumulatable 1	Soils	Soils	Groundwater
yes 122.40 Legal Composition poxide no 6.37 0.45 0.44 poxide no 6.37 0.45 0.45 poxide no 6.37 0.45 0.45 poxide no 1,620.00 730.00 0.423 poxide no 1,020.00 7,300.00 1.000.00 poxide no 10,000.00 7,300.00 1.000.00 poxide no 10,000.00 10,000.00 1.000.00 poxide no 11,000.00 10,000.00 1.000.00 poxide no 10,000.00 10,000.00 10,000.00 poxide no 10,000.00 10,000.00 10,000.00		(yes/no)	(mg/Kg)	(mg/Kg)	(ma/f)
tachlor tachlor tachlor tachlor achlor epoxide no 6.37 0.44 8s yes 7.53 0.45 st no 0.43 NA nium no 1,020.00 730.00 ar no 1,020.00 7,300.00 cury yes 122.40 87.60 minum vi no 10,000.00 7,300.00 minum vi no 10,000.00 10,000.00 nic no 10,000.00 10,000.00 nic no 10,000.00 11,000.00 nic no 1,000.00 10,000.00 el no 1,000.00 10,000.00 el no 10,000.00 7,300.00 dium no 10,000.00 10,000.00 no 10,000.00 10,000.00 10,000.00	endrin	Ves	. _		
tacklor epoxide no 6.37 0.44 3s yes 7.53 4.23 nium no NA NA r no 1,020.00 730.00 eury yes 12.40 87.60 mium vi no 10,000.00 10,000.00 mi no 10,000.00 10,000.00 nic no 612.00 438.00 nic no 13.49 118.60 0 lijum no 1,000.00 10,000.00 10,000.00 el no 10,000.00 10,000.00 10,000.00 0 dium no 10,000.00 10,000.00 0 10,000.00 0 no no 10,000.00 10,000.00 10,000.00 0 10,000.00 0 dium no 10,000.00 10,000.00 10,000.00 10,000.00 10,000.00 10,000.00 10,000.00 10,000.00 10,000.00 10,000.00 10,000.00	heptachlor	ves	V 16	10.12	0.0061
10	heptachlor epoxide	04	01.4	0.44	0.0006
ves 7.53 4.23 nium NA NA rium no 1,020.00 730.00 recury no 1,020.00 7,300.00 cury yes 10,000.00 7,300.00 minum vi no 10,000.00 7,300.00 minum vi no 10,000.00 10,000.00 nic no 816.00 438.00 nic no 816.00 438.00 nic no 1,000.00 10,000.00 nide no 1,000.00 10,000.00 el no 10,000.00 10,000.00 dium no 10,000.00 10,000.00 dium no 10,000.00 10,000.00 no 10,000.00 10,000.00 10,000.00	PCRe	021	6.37	0.45	0.0008
nium NA NA rium no 1,020.00 730.00 eury no 1,020.00 7,300.00 mium vi no 10,000.00 7,300.00 10,000.00 mic no 10,000.00 10,000.00 10,000.00 nic no 10,000.00 438.00 118.60 llium no 13.49 118.60 10,000.00 el no 10,000.00 10,000.00 10,000.00 viide no 10,000.00 10,000.00 10,000.00 el no 10,000.00 10,000.00 10,000.00 dium no 10,000.00 10,000.00 10,000.00	Los	yes	7.53	4.23	0.0007
1,020.00 730.00 730.00 730.00 730.00 730.00 7300.00 730.00 730.00 730.00 730.00 730.00 730.00 7300.00 730.00 730.00 730.00 730.00 730.00 730.00 7300.00 730.0	rodm in	no	NA	NA	NA
sir no 19,000.00 7,300.00 cury yes 122.40 87.60 mium iii no 10,000.00 7,300.00 um no 10,000.00 10,000.00 nic no 612.00 438.00 no 13.49 118.60 side no 1,000.00 10,000.00 el no 1,000.00 10,000.00 rium no 10,000.00 1,000.00 dium no 10,000.00 10,000.00 dium no 10,000.00 10,000.00 no 10,000.00 10,000.00	Cadmium	ou	1,020.00	730.00	0.0511
cury yes 122.40 \$7.60 mium vi no 10,000.00 7,300.00 um no 10,000.00 10,000.00 nic no 612.00 438.00 nony 816.00 584.00 Illium no 13.49 118.60 el no 10,000.00 10,000.00 el no 10,000.00 10,000.00 dium no 10,000.00 10,000.00 no 10,000.00 10,000.00 10,000.00	SIIVer	ou	10,000.00	7.300.00	0 5110
minum vi minum iii no 10,000.00 7,300.00 10 um no 10,000.00 10,000.00 10,000.00 nic no 612.00 438.00 nony 816.00 584.00 Illium no 13.49 118.60 el no 10,000.00 10,000.00 el no 10,000.00 7,300.00 dium no 10,000.00 10,000.00 no 10,000.00 10,000.00 10,000.00	mercury	yes	122.40	87.60	0.000
mitim no 10,000.00 10,000.00 10,000.00 um no 10,000.00 10,000.00 10,000.00 nic no 612.00 438.00 Hium no 13.49 118.60 el no 10,000.00 10,000.00 el no 10,000.00 7,300.00 dium no 10,000.00 10,000.00 no 10,000.00 10,000.00	chromium vi	ou	10.000.00	7 300 00	0.0001
um no 10,000.00 10,000.00 10,000.00 nic no 612.00 438.00 438.00 Ilium no 816.00 584.00 584.00 ilde no 13.49 118.60 11,000.00 el no 10,000.00 10,000.00 10,000.00 dium no 10,000.00 10,000.00 10,000.00 no 10,000.00 10,000.00 10,000.00	chromium iii	ou	10,000,00	00.000,	01100
nic no 19,000,00 nony 612,00 438,00 illium no 816,00 584.00 iide no 13.49 118.60 el no 10,000.00 10,000.00 dium no 10,000.00 10,000.00 dium no 10,000.00 10,000.00 no 10,000.00 10,000.00	barium	ou	10,000,00	10,000.00	102.2000
mony no 816.00 438.00 ilium no 13.49 118.60 el no 10,000.00 10,000.00 el no 10,000.00 7,300.00 dium no 10,000.00 10,000.00 no 10,000.00 10,000.00	arsenic	Ou	72,000.00	10,000.00	7.1540
Ilium	antimony	C F	012.00	438.00	0.0500
iide no 1,000.00 10,000.00 el no 10,000.00 10,000.00 nium no 10,000.00 7,300.00 dium no 10,000.00 10,000.00 no 10,000.00 10,000.00 10,000.00	beryllium		816.00	584.00	0.0000
el no 10,000.00 10,000.00 nium no 10,000.00 7,300.00 dium no 10,000.00 10,000.00 no 10,000.00 10,000.00	cvanide		13.49	118.60	0.0050
no 10,000.00 10,000.00 nium no 10,000.00 7,300.00 dium no 10,000.00 10,000.00 no 10,000.00 10,000.00	nickel	OII	1,000.00	10,000.00	2.0440
dium no 10,000.00 7,300.00 dium no 10,000.00 10,000.00 no 10,000.00 10,000.00 10,000.00	to lon inm	no	10,000.00	10,000.00	2.0440
no 10,000.00 10,000.00 10,000.00 10,000.00 3		no	10,000.00	7,300.00	0.5110
00.000.00 l0,000.00	valiaulum	0U	10,000.00	10,000,00	0.7154
	The second secon	ou	10,000.00	10.000.00	30,6600

NOTES: a - Compounds that are assumed to be bioaccumulative have an acceptable hazard index of

0.2 versus 1, as determined based on Indiana Register, 16:7, April 1, 1993. b - Practical quantitation limits based EPA SW-846, 1986 for GC/MS. PQLs will change according to the specific analytical method used.

* - Assumes TEF approach.

NA - Data not available or not applicable.

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TABLE 15 SUMMARY OF TIER II CLEANUP GOALS FOR THE RESIDENTIAL SCENARIO

Chemical	Compound is	Surface	Subsurface	
Name	Bioaccumulatable "	Soils	Soils	Groundwater
	(yes/no)	(mg/Kg)	(mg/Kg)	(mg/L)
nanhthalene	no	10,000.00	1,761.785	1.21600
acenanhthylene	no	NA	NA	NA
acenanhthene	no	10,000.00	10,000.000	1.82400
fluorene	no	10,000.00	8,838.641	1.21600
nhenanthrene	ou	NA	NA	NA
anthracene	no	10,000.00	10,000.000	9.12000
fluoranthene	yes	2,160.00	2,305.040	0.24320
nvrene	ou	8,100.00	10,000.000	0.91200
henzo(a)anthracene*	yes	0.88	103.881	0.00010
chrysne*	yes	79.78	379.273	0.00020
henzo(h)fluoranthene*	yes	0.88	354.977	0.00020
henzo(k)fluoranthene*	yes	8.77	501.638	0.00020
henzo(a)pyrene	yes	99.0	69.846	0.00020
indeno(1.2.3-cd)pyrene*	yes	0.88	991.169	0.00040
dibenzo(a,h)anthracene*	yes	99.0	69.863	0.00030
benzo(g.h.i)pervlene	yes	NA	NA	NA
3.3'-dichlorobenzidine	ou	1.42	12.865	0.02000
n-nitroso-di-n-propylamine	ou	99.0	099.0	0.01000
bis(2-chloroisopropyl)ether	ou	9.14	099.0	0.01000
4-chloroaniline	ou	1,080.00	186.921	0.12160
2-chloronaphthalene	ou	10,000.00	10,000.000	2.43200
2.4-dinitrotoluene	ou	540.00	6.535	0.06080
hexachlorobutadiene	yes	8.21	6.777	0.01000
hexachloroethane	yes	45.07	1.153	0.01000
isophorone	ou	673.68	1.433	0.08947
benzyl alcohol	ou	10,000.00	728.618	9.12000
bis(2-chloroethy1)ether	Ou	99.0	099.0	0.01000

SUMMARY OF TIER II CLEANUP GOALS FOR THE RESIDENTIAL SCENARIO

Ploaccumulatable (yes/no)	Chemical	Compound is	Surface	Subsurface	
cene no (mg/Kg) (mg/Kg) (mg/Kg) cene no 10,000,00 2,524,230 10,000,00 2,543,230 cene no 10,000,00 2,543,230 10,897 10,997	TABLE	Bioaccumulatable	Soils	Soils	Groundwater
gene no 135.00 0.660 2.524.230 gene no 1,000.00 2,524.230 2.524.230 gene no 2,667 0.887 1.897 no 2,700.00 2,700.00 2,536.33 1.54 no 1,890.00 2,281 1.281 1.281 lamine no 10,000.00 12,891 1.2 lamine no 10,000.00 12,891 1.2 lamine no 10,000.00 12,891 1.2 lamine no 10,000.00 10,000.00 12,891 1.2 lamine no 10,000.00 11,173 2.8 1.2 lamine no 10,000.00 11,452 1.2 1.2 lamine no 10,000.00 1.350.00 1.345 0.0 lamine no 1,350.00 1,345 0.0 0.0 lamine no 1,000.00 23,400.00 1,034.967 0.0	nitrohenzene	(Nes/IIIO)	(mg/Kg)	(mg/Kg)	(mg/L)
10,000.00 10,000.00 2,524.230	1.2 dishlash	no	135.00		0.01520
NA NA NA NA NA NA NA NA	1.2 dishlaretere	ou	10,000.00	2.524.230	0.6000
scane no 26.67 0.897 nnzeare no 2,700.00 0.897 nn 1,890.00 235.033 pentadiene no 1,890.00 2.891 lamine no 1,890.00 2.891 lamine no 1,890.00 2.891 lamine no 10,000.00 1,330.00 lamine no 16,20 3.300 17.7 lamine no 10,000.00 10,000.00 110,173 lamine no 10,000.00 1,345 1452 lamine no 10,000.00 2.528 1.945 lamine no 1,350.00 1,345 1.945 late no 58.10 2.528 1.945 phthalate yes 45.71 16.427 0 te no 10,000.00 10,000.00 10,000.00 te no 10,000.00 10,000.00 10,000.00 te no	1,3-dicinologenzene	ou	AN	NA	0.0000
ne 0.66 2.700.00 2.503.3 ne 0.66 101.564 pentadiene no 1,890.00 2.891 damine no 1,890.00 2.891 no 10,000.00 2.891 no 16,20 3.177 no 16,000.00 10,000.00 no 10,000.00 42,81 enol no 1,350.00 1,452 enol no 1,350.00 1,945 enol no 1,350.00 2,238 enol no 540.00 921.059 phthalate yes 5,400.00 921.059 te no 10,000.00 921.059 te no 10,000.00 10,000.00 te no 1,034.967 0 te no 1,000.00 10,000.00 te no 1,000.00 10,000.00 te no 1,000.00 10,000.00 te <t< td=""><td>1,4-dichiorobenzene</td><td>ou</td><td>1996</td><td>2000</td><td>0.0000</td></t<>	1,4-dichiorobenzene	ou	1996	2000	0.0000
pentadiene no 2,35,03 pentadiene no 2,55,00 2,55,03 damine no 1,890,00 2,891 12,891 no 130,61 3,177 3,177 12,891 12,891 12,891 no 10,000,00 10,000,00 10,000,00 10,000,00 110,173 110,173 no no 10,000,00 1,350,00 1,345 1,445 eno! no 1,350,00 1,345 1,445 eno! no 1,350,00 2,528 1,445 eno! no 5,400 2,528 1,445 phthalate yes 45,71 1,6427 1,6427 te no 10,000,00 10,000,000 1,034,967 0 te no 5,400,00 10,000,000 10,000,000 2,318,850 0 te no 5,400,00 10,000,000 10,000,000 10,000,000 te no 5,400,00 10,000,000 <t< td=""><td>1,2,4-trichlorobenzene</td><td>no</td><td>00 001 0</td><td>0.697</td><td>0.07500</td></t<>	1,2,4-trichlorobenzene	no	00 001 0	0.697	0.07500
pentadiene no 1,880,00 101,564 flamine no 1,880,00 1,000 2,891 flamine no 130,61 3,177 1,77 no 16,000,00 10,000,00 10,000,00 110,173 no 10,000,00 62,871 NA enol no 10,000,00 62,871 no 1,350,00 1,245 enol no 810,00 25,28 enol no 810,00 25,28 phthalate yes 5,400,00 921,029 te yes 5,400,00 1,034,967 0 te no 10,000,00 1,034,967 0 te no 5,400,00 1,034,967 0 te no 5,400,00 1,0300,000 2,318,850 0 te no 5,400,00 1,0300,000 1,0300,000 0 te no 5,400,00 1,0300,000 1,0300,000 0	hexachlorobenzene	00	2,700.00	235.033	0.07000
flamine no 1,890.00 2.891 flamine no 190.61 3.177 no 16.20 3.300 17. no 16.20 3.300 110.173 no 10,000.00 62.871 10.10.173 ol no 10,000.00 62.828 enol no 1,350.00 1.945 enol no 1,350.00 1.945 enol no 1,350.00 2.528 enol no 58.18 0.660 ol no 54.00 1,945 phthalate yes 5,400.00 1,034.967 0 te yes 5,400.00 1,034.967 0 te no 10,000.00 1,034.967 0 te no 5,400.00 1,0300.000 2,318.850 0 te no 5,400.00 10,000.000 2,318.850 0 te no 5,400.00 0,059 0 <td>hexachlorocyclopentadiene</td> <td>Ou Cu</td> <td>0.66</td> <td>101.564</td> <td>0.00100</td>	hexachlorocyclopentadiene	Ou Cu	0.66	101.564	0.00100
15,060 1	n-nitrosodiphenylamine	Out	1,890.00	2.891	0.05000
10	benzoic acid	OII	130.61	3.177	0.01735
ves 16.20 3.300 yes 10,000.00 110.173 n n 10,000.00 110.173 n n NA NA n no 13,50.00 71.452 enol no 810.00 2.528 enol no 810.00 2.528 enol no 540.00 921.059 phthalate yes 45.71 16.427 6 te yes 5,400.00 10,000.00 22.1947 6 te yes 5,400.00 10,000.00 22.18.850 6 te no 10,000.00 10,000.00 23.18.850 6 te no 5,400.00 2,318.850 6 te no 5,400.00 2,318.850 6 te no 5,400.00 10,000.00 10,000.00 te no 5,400.00 2,318.850 C	2-nitroaniline	OII	10,000.00	10,000.000	121.60000
yes 10,000.00 110,173 no 10,000.00 62,871 no NA NA NA no 10,000.00 62,871 no 1,350.00 71,452 enol no 810.00 2.528 enol no 810.00 2.52.07 phthalate yes 45.71 16.427 te yes 5,400.00 10,000.000 te no 10,000.00 10,000.000 te no 10,000.00 10,000.000 te no 5,400.00 10,000.000 te no 10,000.00 10,000.000 te no 5,400.00 10,000.000 2318.850 te no 5,400.00 10,000.000 20,591 C	phenol	OII	. 16.20	3.300	0.05000
ol no 10,000,00 62.871 no NA NA no 1,350,00 71,452 enol no 1,350,00 71,452 enol no 810,00 2.528 enol no 5.33 24.947 phthalate yes 45.71 16,427 te yes 5,400.00 10,000.000 te yes 5,400.00 1,034.967 te no 10,000.00 1,034.967 te no 5,400.00 1,034.967 te no 10,000.000 1,0300.000 te no 5,400.00 1,0300.000 te no 1,0300.000	2-methylphenol	yes	10,000.00	110.173	3.64800
no no<	3-methylnbanol	0u	10,000.00	62.871	1 52000
no 10,000.00 71,452 ol no 1,350.00 1.945 ol no 2.528 ol no 2.528 ol no 58.18 0.660 no 58.18 0.660 sthalate yes 45.71 16.427 e no 10,000.00 1,034.967 no 10,000.00 10,000.000 2,400.00 no 10,000.00 10,000.000 30 no 5,400.00 10,000.000 30 no 5,400.00 2,318.850 30 no 22.07 0.059	4-methylphenol	00	NA	NA	AN
no 1,350.00 1,945 no 810.00 2.528 ol no 58.18 0.660 thalate yes 45.71 16.427 e no 10,000.00 1,034.967 no 10,000.00 10,000.000 2 no 10,000.00 10,000.000 30 no 5,400.00 10,000.000 30 no 5,400.00 2,318.850 30 no 5,400.00 2,318.850 30	2-chlorophanol	no	10,000.00	71.452	1 52000
ol no 810.00 2.528 ol no 10,000.00 921.059 ol no 58.18 0.660 c no 5.33 24.947 e no 45.71 16.427 e no 10,000.00 1,034.967 e no 10,000.00 1,034.967 no 10,000.00 1,034.967 2 no 10,000.00 10,000.000 30 no 5,400.00 2,318.850 30 no 5,400.00 2,318.850 30	2 4-dichloronhenol	no	1,350.00	1.945	0 15200
ol no 10,000.00 921.059 ol no 58.18 0.660 thalate yes 45.71 16.427 e no 10,000.00 10,000.00 yes 5,400.00 1,034.967 2 no 10,000.00 10,000.00 30 no 5,400.00 10,000.00 30 no 5,400.00 2,318.850 30 no 5,400.00 2,318.850 30	2 4 Strichlorophonol	no	810.00	2.528	0.00100
thalate	2.4.5-trichlorophenol	no	10,000.00	921.059	3.04000
thalate 5.33 24.947 thalate yes 45.71 16.427 e no 10,000.00 10,000.000 yes 5,400.00 1,034.967 no 10,000.00 10,000.000 no 5,400.00 10,000.000 30 no 5,400.00 2,318.850 30 no 22.07 0.059	pentachloronhenol	no	58.18	099.0	0.01000
thalate yes 540.00 3.300 e no 10,000.00 10,000.000 yes 5,400.00 1,034.967 no 10,000.00 10,000.000 2 no 5,400.00 10,000.00 30 no 5,400.00 2,318.850 30 no 22.07 0.059	2,4-dinitrophenol	0u	5.33	24.947	0.00100
e yes 45.71 16.427 no 10,000.00 10,000.000 yes 5,400.00 1,034.967 6 no 10,000.00 10,000.000 30 no 5,400.00 10,000.000 30 no 5,400.00 2,318.850 6 no 22.07 0.059 6	bis(2-ethylhexyl)phthalate	OII	540.00	3.300	0.06080
yes 5,400.00 10,000.000 no 10,000.00 1,034.967 2 no 10,000.00 10,000.000 30.000.00 no 5,400.00 2,318.850 6 no 22.07 0.059 6	butylbenzylphthalate	yes	45.71	16.427	0.00600
yes 5,400.00 1,034.967 no 10,000.00 10,000.000 no 5,400.00 2,318.850 no 22.07 0.059	di-n-butylphthalate	OII	10,000.00	10,000.000	0.10000
no 10,000.00 10,000.000 2 no 10,000.00 10,000.00 30 no 5,400.00 2,318.850 30 no 22.07 0.059	diethylphthalate	yes	5,400.00	1,034.967	0.60800
no 10,000.00 10,000.000 3 no 5,400.00 2,318.850 no 22.07 0.059	di methyl phthalate	no	10,000.00	10,000.000	24.32000
no 5,400.00 2,318.850 no 22.07 0.059	di-n-octvl phthalate	no	10,000.00	10,000.000	304.0000
no 22.07 0.059	benzene	по	5,400.00	2,318.850	0.60800
		по	22.07	0.059	0.00500

TABLE 15 SUMMARY OF TIER II CLEANUP GOALS FOR THE RESIDENTIAL SCENARIO

Chemical	Compound is	Surface	Subsurface	
Name	Bioaccumulatable 4	Soils	Soils	Groundwater
	(yes/no)	(mg/Kg)	(mg/Kg)	(mg/L)
- Industrial Control of the Control	ou	1,000.00	278.926	1.00000
Missing	Ou	1,000.00	834.372	0.70000
sulyiDenzene	Ou	1,000.00	1,000.000	10.0000
XVICILES 	Ou	0.34	0.129	0.00200
VIIIVI CIIIOI IUC	ou	AN	1,000.000	23.16075
Chioroctiviene	ou	1.07	0.084	0.00700
1,1-dichloroethane	no	1,000.00	40.074	0.64000
1 2-dichloroethylene (cis)	U	1,000.00	17.140	0.07000
1,2-dichloroethane	no	7.03	0.025	0.00500
1,2-dicinoroccinication frichlorophylene	no	58.18	9200	0.00500
1 1 -trichloroethane	ou	1,000.00	229.642	0.20000
1 1 2-trichloroethane	u	11.23	0.035	0.00500
tetrachloroethylene	ou	12.55	0.227	0.00500
1 1 1 2-tetrachloroethane	Ou	24.62	9200	0.00500
1 1 2 2-tetrachloroethane	OU	3.20	0.044	0.00500
chloroform	no	104.92	2.082	0.10000
acetone	no	1,000.00	22.793	3.04000
4-methyl-2-nentanone	no	1,000.00	68.147	1.52000
methyl ethyl ketone	u	1,000.00	11.620	0.91772
Aldrin	Ves	0.04	200.0	0.00004
gamma-RHC (Lindane)	yes	0.49	0.010	0.00020
chlordane	yes	0.49	4.512	0.00200
DDD	yes	2.67	0.270	0.00035
DDF.	yes	1.88	0.450	0.00025
TOU	yes	1.88	0.794	0.00025
dieldrin	yes	0.04	0.003	0.00002
endosulfan sulfate	ou	13.50	2.007	0.00152

SUMMARY OF TIER II CLEANUP GOALS FOR THE RESIDENTIAL SCENARIO TABLE 15

1.939 0.221 0.450 4.226 NA 730.000 87.600 87.600 1300.000 118.605 100.000 3,000.000 118.605 1,000.000 3,000.000	Chemical Name	Compound is Bioaccumulatable	Surface Soils	Subsurface Soils	Groundwater
in yes 16.20 1.939 1.939 Legolar control achlor achlor yes 0.14 0.221 0.221 achlor epoxide no 0.07 0.450 0.450 ss yes 0.08 4.226 0.450 nium no 1.3500 7.3000 0.00 arry no 1.350.00 7.300.000 0.000.000 mium vi no 1.350.00 7.300.000 0.000.000 mium vi no 10,000.00 10,000.000 10,000.000 mic no 10,000.00 10,000.000 11,000.000 11,000.000 el no 1,350.00 10,000.000 10,000.000 10,000.000 el no 1,350.00 10,000.000 10,000.000 10,000.000 el no 1,350.00 10,000.000 10,000.000 10,000.000 el no 1,300.000 10,000.000 10,000.000 10,000.000 el no		(yes/no)	(mg/Kg)	(mø/Kø)	(mg/L)
achlor yes 0.14 0.221 achlor epoxide no 0.07 0.450 ss yes 0.08 4.226 nium no 1.35.00 730.00 ury no 1,350.00 7,300.00 ury no 1,350.00 7,300.00 ury no 1,350.00 7,300.00 ury no 1,000.00 10,000.00 ury no 10,000.00 11,000.00 uric no 1,000.00 118.605 ninc no 1,000.00 10,000.00 ide no 1,350.00 10,000.00 el no 5,400.00 10,000.00 dium no 1,350.00 10,000.00 no 1,350.00 10,000.00 10,000.00	endrin	yes			00000
achlor epoxide no 0.07 0.450 Is yes 0.08 4.226 no no 135.00 730.00 st no 1,350.00 7,300.00 mium no 1,350.00 7,300.00 mium no 1,350.00 7,300.00 mium no 1,350.00 10,000.00 nic no 1,350.00 10,000.00 nic no 10,000.00 10,000.00 nic no 1,000.00 10,000.00 el no 1,000.00 10,000.00 el no 1,890.00 10,000.00 nium no 1,890.00 10,000.00 el no 1,890.00 10,000.00 nium no 1,890.00 10,000.00	heptachlor	Ves	0 14	0.221	0.00200
Sample Control of the control of	heptachlor epoxide	Ou	2000	0.450	0.00040
nium NA A.226 nium no NA NA rium no 135.00 730.000 cury rist 7300.000 7300.000 cury rist 87.600 7300.000 mium vii no 1,350.00 10,000.000 mic 81.00 438.000 nic 81.00 438.000 nic 81.00 438.000 nic 81.00 438.000 nide no 1,000.00 10,000.000 el 5,400.00 10,000.000 ide 5,400.00 10,000.000 nim 1,350.00 7,300.00 nium no 1,890.00 nium 1,900.00	PCBs	2007	0.00	0.430	0700070
nium no NA NA arr no 135.00 730.000 cury ves 1,350.00 7,300.000 mium vi no 1,350.00 7,300.000 mium vi no 1,350.00 7,300.000 mic no 10,000.00 10,000.00 nic no 108.00 584.00 nic no 1,000.00 118.605 lijum no 5,400.00 10,000.000 cl no 1,350.00 10,000.000 cl no 1,350.00 10,000.000 nide no 1,350.00 10,000.000 nim no 1,350.00 10,000.000 nium no 1,890.00 10,000.000	Loop to the state of the state	yes	0.08	4.226	0.00050
arr no 135.00 730.000 arr no 1,350.00 7,300.000 aury yes 16.20 87.600 mium vi no 1,350.00 7,300.000 mix no 10,000.00 10,000.00 nic no 81.00 438.000 nic no 81.00 438.000 nic no 108.00 584.000 lijum no 5,400.00 10,000.000 cl 1,000.00 10,000.000 cl 1,350.00 10,000.000 no 1,350.00 10,000.000 no 1,890.00 10,000.000 no 1,890.00 10,000.000	ובמח	no	NA	NA	NA
sury no 1,350.00 7,300.00 cury yes 16.20 87.60 mium vi no 1,350.00 7,300.00 mium iii no 10,000.00 7,300.00 um no 10,000.00 10,000.00 nic no 81.00 438.00 nony no 10.80 584.00 ide no 1,000.00 10,000.00 ide no 1,000.00 10,000.00 ide no 1,350.00 7,300.00 idium no 1,890.00 10,000.00 idium no 1,890.00 10,000.00	cadmium	00	135.00	730.000	0.00500
winds yes 16.20 87.600 mium vi no 1,350.00 7,300.000 min min no 10,000.00 10,000.00 mic 81.00 438.00 no 81.00 438.00 no 108.00 584.00 ide no 1,000.00 10,000.00 el no 5,400.00 10,000.00 viam no 1,350.00 7,300.00 dium no 1,350.00 10,000.00 dium no 1,350.00 10,000.00 10,000.000 10,000.000 10,000.000	silver	ou	1,350.00	7,300.000	0.15200
mium vi no 1,350.00 7,300.000 mium iii no 10,000.00 10,000.00 nic no 81.00 438.000 nony 81.00 438.000 ninde no 108.00 584.000 llium no 1,000.00 10,000.000 el no 1,000.00 10,000.000 el no 1,350.00 7,300.000 dium no 1,890.00 10,000.000 dium no 1,890.00 10,000.000 no 1,890.00 10,000.000	mercury	yes	16.20	87.600	0.00200
mitum iii no 10,000.00 10,000.000 um no 10,000.00 10,000.000 nic 81.00 438.000 non 108.00 584.000 Ilium no 0.50 118.605 el no 1,000.00 10,000.000 el no 1,350.00 7,300.000 dium no 1,890.00 10,000.000 no 10,000.000 10,000.000	chromium vi	Ou	1,350.00	7.300.000	0 10000
um no 10,000.00 10,000.00 nic 81.00 438.000 non 108.00 584.000 ilium no 1,000.00 10,000.00 el no 5,400.00 10,000.00 ilum no 1,350.00 7,300.00 idium no 1,890.00 10,000.000 no 10,000.000 10,000.000	chromium iii	ou	10.000.00	10.000 000	0 10000
nic no \$1.00 \$38.000 mony no 108.00 \$38.000 ilium no 1,000.00 10,000.000 el no 5,400.00 10,000.000 nium no 1,350.00 7,300.000 idium no 1,890.00 10,000.000 no 10,000.000 10,000.000	barium	ou	10.000.00	10,000,000	2 00000
nony no 108.00 584.000 Illium no 0.50 118.605 iide no 1,000.00 10,000.000 el no 5,400.00 10,000.000 nium no 1,890.00 10,000.000 dium no 10,000.000 10,000.000	arsenic	ou	81.00	438 000	0 02000
ilium no 0.50 118.605 iide no 1,000.00 10,000.000 el no 5,400.00 10,000.000 nium no 1,350.00 7,300.000 dium no 1,890.00 10,000.000 no 10,000.000 10,000.000	antimony	ou	108.00	584.000	0.0000
ilde no 1,000.00 10,000.000 el no 5,400.00 10,000.000 nium no 1,350.00 7,300.000 rdium no 1,890.00 10,000.000 no 10,000.000 10,000.000	beryllium	ou	0.50	118.605	0.00400
cl no 5,400.00 10,000.000 nium no 1,350.00 7,300.000 dium no 1,890.00 10,000.000 no 10,000.00 10,000.000	cyanide	ou	1,000.00	10,000.000	0.20000
no 1,350.00 7,300.000 000 dium no 1,890.00 10,000.000 10,000.000 10,000.000 10,000.000	nickel	no	5,400.00	10,000.000	0.10000
no 1,890.00 10,000.000 10,000.000 10,000.000 10,000.000	seienium	ou	1,350.00	7,300.000	0.05000
00'000'00 10'000'00	vanadium	ou	1,890.00	10,000.000	0.21280
		Ou		10,000.000	9.12000

NOTES: a - Compounds that are assumed to be bioaccumulative have an acceptable hazard index of

0.2 versus 1, as determined based on Indiana Register, 16:7, April 1, 1993.

b - Practical quantitation limits based EPA SW-846, 1986 for GC/MS. PQLs will change according to the specific analytical method used.

* - Assumes TEF approach.

NA - Data not available or not applicable.