1307	1		
	0		3
10	1		
	0		
956	1		
992	1		
	0		
	0		
263	1		
228	1		
	0		
107	1		
1552	1		
	0		
	0		
	0		
	0		
942	1		
271	1		
	0	Yes	900
	0		
	0		
	0		
	0		1
	0		
10	1		
55	1		
	0		
	0		
158	1		

33		1
		0
		0
315		1
		0
		0
14		1
		0
		0
		0
		0
3		1
		0
261	1988-2002	1
		0
		0

		0		
		0	Yes	35
		0		
		0		
70		1		
4		1		
		0		
		0		
8	1988-2002	1		
		0		
1		1		
213		1		
8		1		
		0		
29		1		
		0		
77		1		
		0		
		0		
839		1		
		0		
		0		
		0		

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	0		
53	1		
	0		
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	0		
	0		
	0	Yes	300
	0		
	0		
22	1		
	0		

121	1
199	1
	0
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	0

	0		
1	1		
	0		
1	1		
64	1		
	0		
	0		
686	1		
	0		
1	1		
	0		
	0		
359	1		
	0		
	0	Yes	600
	0		
304	1		
	0		
860	1	Yes	600
57	1		
19	1		200
22	1		

703	1	
111	1	
	0	
	0	
	0	
	0	
	0	
	0	
	0	
	0	
	0	
	0	
4	1	
48	1	
	0	
	0	200
235	1	

1407	1			
3347	1			
	0	Yes	700	
	0			
	0			

23	1
56	1
421	1
	0

caLEPA's Reference Exposure Levels			
Chronic RELs			
Hazard Index Target(s)	Human Data	REL (ug/m3)	Avg Time (h)
Nervous system		6.8 x 104	1

Alimentary system

Reproductive system	Yes

Alimentary system (liver)

Respiratory system; cardiovascular system

Reproductive system

Nervous system; respiratory system; alimentary system; kidney		
Alimentary system; kidney; cardiovascular system	3 x 103	1

Respiratory system	Yes

Eyes; alimentary system (hepatotoxicity)

Respiratory system

Respiratory system; eyes	1.9 x 10-1	1
	6 x 103	1
Respiratory system		

Respiratory system	Yes	3.2 x 103	1

Development; cardiovascular system; nervous system	1.9 x 10-1	4
	1.6 x 102	1

Hematopoietic systeml development; nervous system	Yes	1.3 x 103	6

Respiratory system; immune system	Yes	2,4 x 102	1

Respiratory system; nervous system; development	3.9 x 103	1
Kidney; respiratory system	Yes	

Nervous system; reproductive system	Yes	6.2 x 103	6
		2.3 x 104	1
Alimentary system; development; nervous system		1.9 x 103	7

Alimentary system (liver); reproductive system; development; endocrine system; respiratory system; hematopoietic system		
Respiratory system	2.1 x 102	1
Respiratory system		
Alimentary system; kidney; development	1.5 x 102	7

Respiratory system		2.9 x 101	1
Respiratory system	Yes		
Respiratory system			
		1 x 102	1

Cardiovascular system; nervous system	1.4 x 104	1

Respiratory system
Cardiovascular system; nervous system

Respiratory system; eyes 1.3 x 103 1

Development; alimentary system			
Development; alimentary system (liver); kidney; endocrine system			
Respiratory system; kidney; development	Yes		
Reproductive system; hematopoietic system		1.4 x 104	1-Jan
		1.4 x 102	6
Development		3.7 x 102	6
Reproductive system		9.3 x 101	6
Reproductive system Nervous system			

Respiratory system; eyes	Yes	9.4 x 101	1
Respiratory system			

Alimentary system; endocrine system
Respiratory system

2.1 x 103 1

Nervous system; endocrine system; cardiovascular system	Yes	3.4 x 102	1
		2.4 x 102	1
		5	1
Respiratory system		4.2 x 101	1

Development; liver

Kidney; development	3.2 x 103	1
Respiratory system		
Nervous system	Yes	

Nervous system	Yes	1.8	1

Development	2.8 x 104	1
	1.3 x 104	1
Respiratory system; reproductive system		

Kidney; eyes; alimentary system (liver)

Respiratory system

Alimentary system; respiratory system	Yes
Respiratory system	

Nervous system		
Respiratory system; hematopoietic system		
Respiratory system; hematopoietic system	6	1
	8.6 x 101	1
	4.7 x 102	1

1.8 x 102 1

		2 x 104	1
Alimentary system; cardiovascular system; kidney; nervous system		5.8 x 103	1
		4	1
Respiratory system; alimentary system; nervous system; kidney; hematopogietic system Respiratory system			
Respiratory system	Yes		

Respiratory system

Alimentary system (liver)

Respiratory system 3.1 x 103 1

Alimentary system; cardiovascular system; nervous system	Yes

Respiratory system	Yes		
		8	1
Nervous system	Yes	2.1 x 104	1
		1.2 x 102	1
		6.6 x 102	1
Respiratory system		1.2 x 102	1

Kidney; alimentary system (liver)

Nervous system; respiratory system; development	3.7 x 104	1

Nervous system; eyes	Yes		
Nervous system			
Eyes		2.8 x 103	1

3 x 101 1

Respiratory system

		1.8 x 105	1
Nervous system; respiratory system	Yes	2.2 x 104	1

Acute RELs				ATSDR - CERCLA Priority List (2007) http://www.atsdr.cdc.gov/cercla/07list.html	
Sp.	Toxicologic Endpoint	Severity	calEPA Score	2007 Rank	ATSDR Score
			0		0
			0		0
			0		0
			0		0
Human	CNS - mild	Mild	1	97	1
			0		0
			0	146	1
			0		0

	0	163	1
	0		0
	0		0
	0		0
	0		0
	1	160	1
	0	79	1
	0		0
	0		0
	0		0
	0	162	1
	0		0
	0	273	1
	0	263	1
	0		0
	0		0
	0		0
	0		0

	0		0
	0		0
	0		0
	0		0
	0		0
	0	116	1
	0		0
	0		0
	0		0

	0	200	1
	0		0
	0		0
	0	44	1
	1	172	1
	0		0

0		0
0		0
1	85	1
0	270	1
0	173	1
0	206	1
0		0
0	167	1
1		0
0		0
0		0
0	103	1

1		156	1
0			0
0		203	1
0	258 (cis); 266 (trans)		1
0			0
0			0
0			0
0			0

			1	159	1
Human	Eye and respiratory irritation	Mild	1	210	1
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0	275	1
			0		0
			0		0
			0		0

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	0		0
	0		0
	0	168	1
	0	207	1
	0	73	1
	0		0

	0		0
	0		0
	0		0
	0	222	1
	0		0
	0	86	1
	0	82	1
	0		0
	1		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0	209	1
	0	248	1

	0	188	1
	0	87	1
	0	94	1
	0		0
	0		0
	0		0
	0		0
	0	261	1
	0		0
	0		0
	0	208	1
	0		0
	0		0
	0		0
	0		0
	0		0
	0	245	1
	0		0
	0	72	1
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0

	0	158	1
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0	40	1
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0		0
0		0
0		0
0		0
0		0
0		0
0		0
0	152	1
1		0
0		0
0	102	1
0		0
0		0
0	232	1
0		0

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	0		0
	0		0
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	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0	161	1
	0		0
	0		0
	1		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0	184	1
	0		0
	0		0
	0		0

			0		0
Human	Eye irritation	Mild	1	37	1
			0		0
Rat	Respiratory irritation	Mild	1		0
			1	274	1
			0	230	1
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0

0	24	1
		0
0		0
0		0
0		0
0		0
0		0
0	238	1
0	115	1
0		0
0	187	1
0		0
0		0
0		0
0	178	1
0	129	1
0		0
0		0
0		0

Human	Eye and respiratory irritation	Mild	1		157	1
			0			0
			0			0
			0			0
			0		131	1

	0		0
	0		0
	0	219	1
	0		0
	0		0
	0		0
	0		0
	0	30	1
	0	51	1
	0	48	1
	0	68	1
	0	81	1
	0	29	1
	0	27	1
	0	13	1
	0	14	1
	0		0
	0		0
	0	223	1
	0		0
	0	224	1

Mouse	Reproductive/developmental	Severe	1	1	1
Mouse	Hematologic system	Severe	1	234	1
			0	90	1
			0		0
			0		0
			0		0
			0		0

			0		0
			0	103	1
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0	39	1
			0		0
			0		0
Rat	Reproductive/developmental	Severe	1	6	1
			0	26	1
			0		0

			0	226	1
			0	10	1
			0		0
			0	62	1
			0	70	1
			0		0
			0		0
			0		0
			0		0
Mouse and rat	Eye and respiratory irritation	Mild	1		0
			1	42	1
			0		0

0	36	1
0		0
0		0
0		0
0		0
0		0
0		0
0		0
0	267	1
0	194	1
0	88	1
0		0
0		0
0		0
0		0
0		0
0		0
0		0

	0		0
	0		0
	0	142	1
			0
	0		0
	0		0
	0	83	1
	0		0

			0	201	1
Human	CNS - mild; (anorexia, nausea, headache)	Mild	1		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0	195	1
			0	251	1
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			1	7	1
			0		0
			0		0
			0	241	1
			0		0
			0		0
			0		0
			0		0
			0		0
			0	272	1
			0	268	1
			0		0
			0		0

Rat	Reproductive/developmental	Severe	1	176	1
Human	Cardiovascular system	Mild	1	189	1
Rat	Reproductive/developmental	Severe	1	47	1
			0		0
			0	238	1
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0	213	1
			0		0
			0		0
			0	20	1

			0	228	1
			0	138	1
			0		0
			1		0
Human	Respiratory irritation	Mild	1	91	1
			0		0
			1		0
			0		0
			0		0
			0	104	1
			0		0
			0		0
			0		0
			0	183	1
Rat	Reproductive/developmental	Severe	1	11	1
			0		0
			0		0

M	Eye and respiratory irritation	Mild	1		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0	127	1
			0		0
			0		0
			0	77	1
			0	65	1
			0		0
			0	215	1
			1		0
			1	18	1
			0	137	1
			0	119	1
			0		0
			0		0
			0		0
			0	59	1
			0		0
			0	220	1
			0	49	1
			0		0
			0	118	1
Human	Respiratory irritation	Mild	1		0
			0		0
			0		0
			0		0

	0	23	1
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0	28	1
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0	92	1
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0

0	76	1
0		0
0		0
0		0
0	56	1
0		0
0	15	1
0	186	1
0	236	1
0	249	1
0	60	1
0		0
0		0
0		0
0		0
0		0
0		0
0	254	1

			0		0
			0		0
			0	256	1
			0		0
Human	CNS - mild	Mild	1	80	1
			0		0
			0		0
			0		0
			0	240	1
			0	144	1
			0		0
			0	17	1
			0		0
			1		0
			1		0

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	0		0
	0		0
	0		0
	0		0
	0	229	1
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0	75	1
	0		0
	0		0
	0		0
	0		0
	0	52	1

			0		0
			0	218	1
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0	38	1
			0	250	1
			0		0
			0		0
			0		0
			0	54	1
			0	55	1
			0	57	1
			0	67	1
			0		0
			0	41	1
			0	69	1
			0	63	1
			0		0
			0		0
Human	Eye and respiratory irritation	Mild	1		0

			0		0
			0		0
			0		0
			0		0
			0	96	1
			0	236	1
			0		0
			0		0
			0		0
			1		0
			0		0
			0		0
			0	255	1
			0		0
			0		0
			1	99	1
			0		0
			0		0
			0		0
			1		0
Human	Eye and respiratory irritation	Mild	1		0
Rabbit	Reproductive/developmental	Severe	1		0
Rat	Reproductive/developmental	Severe	1		0
Rat	Reproductive/developmental	Severe	1		0
			1		0
			1		0

0		0
0		0
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0		0
0		0
0		0
0		0
0		0
0		0
0		0
0		0
0	110	1
0		0
0	262	1
0	211	1
0		0
0		0
0		0
0		0
0		0
0		0

			0		0
			0		0
Human	Eye irritation	Mild	1	244	1
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0	175	1
			0	32	1
			0		0
			0		0
			0		0
			1		0
			0		0
			0		0
			0		0
			0	135	1
			0		0
			0		0
			0	34	1

0	46	1
0	166	1
0	154	1
0		0
0		0
0		0
0		0
0	93	1
0	22	1
0	148	1
0	165	1
0	181	1

			0	153	1
			0	197	1
			0		0
			0		0
			0		0
			0		0
			0		0
			1	84	1
Human	Eye and respiratory irritation	Mild	1		0

Monkey	CNS - serious	Severe	1	133	1
Human	Eye and respiratory irritation	Mild	1	247	1
Guinea Pig	Eye and respiratory irritation	Mild	1		0
Human	Respiratory irritation	Mild	1	191	1
			0		0
			0		0
			0		0
			0	174	1
			0	138	1
			0	132	1
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			1		0
			0		0

Human	Eye and respiratory irritation	Mild	1			0
			0			0
			0			0
			0			0
			0			0
			0			0
			0	2 (general); 210 (lead-210)		1
			0			0
			0			0
			0			0
			0			0
			0			0
			0			0
			1			0
			0			0
			0			0
			0			0
			1		117	1

			0		0
			0		0
			0		0
			0		0
			0	241	1
			0		0
Rat	Reproductive/developmental	Severe	1	3	1
			0		0
			0		0

			0		0
			0		0
			0		0
			0		0
			0	66	1
Human	CNS - mild	Mild	1		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0	61	1
			0		0
			0		0
			0	193	1
			0		0
Human	Eye and respiratory irritation	Mild	1		0
			0		0
			0		0
			0	269	1
			1		0
			0		0
			0		0
			0	264	1

	1		0
	0		0
	0		0
	1	123	1
	0		0
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	0		0
	1	252	1
	0		0
	0	235	1
	1	78	1
	0		0

			0		0
			0		0
			0	136	1
			0		0
			1		0
			0	53	1
			0		0
			0		0
			1		0
			0		0
			0		0
Human	Respiratory irritation, immune response	Mild	1		0
			0		0
			0		0
			0	216	1
			0		0
Human	Respiratory irritation	Mild	1		0
			0		0
			0		0
			0	212	1
			0		0
			0		0
Human	Respiratory irritation	Mild	1		0
			0		0
			0		0

	0		0
	0		0
	0		0
	0		0
	0		0

	0		0
	0	199	1
	0		0
	0	112	1
	0	205	1
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0

	0		0
	0		0
	0		0
	0	151	1
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0

			0		0
			0		0
			0		0
			0		0
			0	171	1
			0		0
			0		0
			0		0
			0		0
Human	Eye and respiratory irritation	Mild	1		0
			0		0
			0	25	1

	0	21	1
	0	12	1
	0		0
	0	180	1
	0		0
	0		0
	0		0
	0	145	1
	0		0
	0		0
	0		0

0		0
0		0
0		0
0		0
0		0
0		0
0		0
0	155	1
0	192	1
0		0
0	204	1
0		0
0		0
0	45	1
0	265	1
0		0
0		0
0		0

			0		0
Human	CNS - mild; eye and respiratory irritation	Mild	1		0
			0		0
			0		0
			0		0
			0	246	1
			0		0
Human	Eye and respiratory irritation	Mild	1	182	1
			0		0
			0		0
			0		0
			0	225	1
			0		0
Rat	Respiratory irritation	Mild	1		0
			0		0
			1	259	1
			1		0
			0	19	1
			1		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0	126	1
			0	124	1
			0	121	1
			0	138	1
			0		0
			0	257	1
			0		0
			0	122	1
			0	143	1
			0		0

	0	5	1
	0	8	1
	0		0
	0		0
	0		0
	0		0
	0		0
	0	217	1
	0		0

			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			0		0
			1		0
			0		0
			0		0
			1		0
Mouse	Eye and respiratory irritation	Mild	1		0
			0		0
			0		0

0		185	1
0			0
0			0
0		232	1
0			0
0			0
0			0
0			0
0			0
0			0
0			0
0	100 (general); 95 (226); 106 (228)		1
0		105	1
0		114	1
0		130	1
0			0
0			0
0			0
0		141	1
0			0
0			0
0			0
0			0
0			0
0			0
1		147	1
0			0
0			0
0			0

			0			0
			1			0
			0		214	1
			0			0
			0			0
			0			0
			0			0
			0		241	1
			0			0
			0			0
			0			0
			0			0
			0			0
Human	Skin, eye, and respiratory irritation	Mild	1			0
			0			0
			0			0
			0		230	1
			0	119 (strontium-90)		1
			0			0
Human	Eye and respiratory irritation	Mild	1		271	1
			0			0
Human	Respiratory irritation	Mild	1			0
Human	Respiratory irritation	Mild	1			0
Human	Respiratory irritation	Mild	1			0
			0			0
			0			0
			0			0
			0			0
			0			0
			0			0

	0	148	1
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0	169	1
	0		0
	0	202	1
	0	190	1

	0		0
	1	33	1
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
	0		0
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	0		0
	0		0
	0		0
	0		0
	0		0
	0	89	1
	0		0
	0		0

			0		0
			0		0
			0		0
			0	101	1
			0		0
			0	221	1
			0	113	1
			0	107	1
			0		0
Human	CNS - mild; eye and respiratory irritation	Mild	1	71	1
			0		0
			0		0
			0	31	1
			0		0

	0		0
	0		0
	0		0
	0		0
	0		0
	0	64	1
	0		0
	0		0

			0			0
			0			0
			0			0
			0			0
			0			0
			0			0
			0		134	1
			0			0
			0			0
			0			0
			0			0
			0		260	1
			0			0
			0		164	1
			1		16	1
			0		149	1
			0			0
			0			0
			1	196 (ortho); 170 (para); 227 (general)		1
			0			0
Human	CNS - mild; eye irritation	Mild	1			0
			0			0

			0		0
			0	150	1
			0		0
			0		0
			0		0
			0		0
			0		0
			0	98 (general); 178 (uranium-223); 111 (uranium-234); 107 (uranium-235)	1
			0		0
			0		0
			0	198	1
			0		0
Human	Respiratory irritation	Mild	1		0
			0		0
			0		0
			1		0
			0		0

Human	CNS - mild; eye and respiratory irritation	Mild	1		4	1
			0			0
Human	Eye and respiratory irritation	Mild	1		58	1
			0			0
			0		74	1

0	0
0	0
0	0
0	0

Creatinine Corrected Urine Concentrations (µg/g of creatinine) for Total Population 6 years and older		
Geometric Mean (95% conf. interval)	95th Percentile	Sample Size

2520 (2280-2790)		21800 (18200-25400)	2595
146 (138-155)		487 (416-546)	2496
83.4 (77.4-90.0)		424 (352-474)	2515

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	.390 (.330-.470)	2604
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2537
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	1.75 (1.52-2.19)	2604
9.16 (7.39-11.4)	409 (234-756)	2604
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	1.08 (0.930-1.26)	2412

286 (256-320)	2070 (1850-2390)	2521
2990 (2670-3340)	19900 (16000-23800)	2575
55.4 (51.1-60.0)	212 (180-252)	2512
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2502
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2534

1.73 (1.49-2.01)	9.22 (6.94-12.3)	2508
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2480

119 (106-134)	1330 (1130-1590)	2502
108 (101-115)	497 (406-566)	2426
0.316 (0.274-0.365)	3.10 (2.21-4.88)	2538

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2538
23.3 (21.7-25.0)	114 (102-130)	2443
252 (230-276)	1100 (918-1390)	2504
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2500

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1942

.064 (.060-.068)	.210 (.170-.230)	2627
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2561

8.47 (7.79-9.21)	49.4 (39.7-71.4)	2605
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2476

1.63 (1.51-1.75)	7.20 (5.98-8.59)	2627

Not calculated: proportion of results below limit of detection was too high to provide a valid result. <LOD 2627

2.10 (1.95-2.25)	13.0 (10.0-15.4)	2604

.193 (.177-.210)		.960 (.850-1.06)	2627
Not calculated: proportion of results below limit of detection was too high to provide a valid result.		<LOD	2529

4.61 (4.42-4.82)	10.6 (9.78-11.2)	2627

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2538
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	0.789 (0.630-1.03)	2538
.385 (.366-.405)	1.22 (1.01-1.46)	2627

62.5 (58.3-67.0)	1060 (825-1150)	2594

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	0.410 (0.330-0.510)	1962
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	13.2 (10.5-16.1)	1928
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	2.62 (2.00-3.72)	1903
3.83 (3.60-4.08)	11.7 (10.0-14.4)	2561
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	5.27 (2.69-7.61)	1927
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	14.6 (12.5-17.6)	1962
1.97 (1.71-2.27)	30.4 (25.4-34.2)	1962

37.0 (33.6-40.7)	294 (247-368)	2594
279 (245-317)	2400 (2000-2890)	2594

7.52 (6.83-8.29)		50.6 (39.9-75.1)	2590

29.1 (27.3-31.0)		510 (388-619)	2594

.515 (.483-.549)	1.85 (1.73-1.96)	2627
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1920

.462 (.425-.502)	2.32 (2.00-2.89)	2634

Not calculated: proportion of results below limit of detection was too high to provide a valid result. <LOD 2537

47.1 (45.9-48.5)	137 (127-152)	2627
22.2 (19.4-25.4)	179 (135-252)	2604
12.2 (10.7-14.0)	107 (74.8-135)	2604
2.66 (2.37-2.99)	22.1 (14.6-37.1)	2604
2.74 (2.56-2.93)	10.7 (9.53-11.9)	2605
10.1 (9.31-11.0)	58.7 (50.4-67.4)	2604
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2604
138 (125-153)	1500 (1240-1810)	2604
7.22 (6.76-7.71)	27.8 (24.9-31.3)	2604
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	3.28 (2.67-4.15)	2604
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	10.8 (8.00-13.3)	2604
19.0 (17.7-20.5)	77.9 (65.1-88.9)	2604
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2604
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	0.410 (0.350-0.500)	2534

4.58 (4.20-5.01)	201 (183-261)	2581
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	.470 (.400-.520)	2604

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	2.26 (1.67-3.09)	2527

3.14 (2.89-3.41)	12.0 (11.0-14.0)	2504
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	.029 (<LOD-.033)	2627
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	2.89 (2.44-3.23)	2476

.152 (.147-.157)	.370 (.350-.380)	2627

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	2.55 (2.15-3.10)	2524

.103 (.096-.111)	.470 (.410-.540)	2627
.007 (.006-.009)	.038 (.025-.065)	2627

Urine Concentrations (µg/L) for Total Population 6 years and older		
Geometric Mean (95% conf. interval)	95th Percentile	Sample Size

2680 (2360-3050)	26100 (23000-33600)	2595
156 (140-173)	625 (538-745)	2496
89.2 (79.8-99.7)	569 (493-676)	2515

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	2.42 (<LOD-8.27)	2497
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	.300 (.200-.300)	2604
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	1.20 (1.00-1.30)	2604
9.09 (7.25-11.4)	473 (297-758)	2604
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	1.27 (1.02-1.37)	2413

304 (262-354)	2670 (2230-3130)	2521
3360 (2860-3960)	25800 (22600-27700)	2575
59.3 (52.5-66.9)	291 (252-336)	2512
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2503
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2535

1.76 (1.52-2.03)	12.4 (10.4-15.3)	2509
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2481

126 (108-148)	1740 (1400-2070)	2502
115 (104-128)	647 (509-788)	2426
0.321 (0.276-0.374)	3.32 (2.52-5.25)	2539

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2539
25.1 (22.6-27.9)	152 (118-176)	2443
267 (234-305)	1390 (1130-1600)	2504
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2501

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1942

.061 (.057-.066)	.240 (.220-.260)	2627
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2561

8.11 (7.44-8.84)	50.8 (42.3-65.1)	2605
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2477

1.56 (1.44-1.68)	7.04 (6.07-8.20)	2627

Not calculated: proportion of results below limit of detection was too high to provide a valid result. <LOD 2627

2.08 (1.92-2.26)	13.0 (10.0-15.4)	2604

0.211 (0.196-0.226)	1.15 (0.980-1.26)	2543
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2530

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1362
4.42 (4.25-4.60)	11.3 (10.5-11.8)	2627

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2539
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2539
.369 (.351-.388)	1.32 (1.10-1.43)	2627

66.7 (60.4-73.7)	1070 (893-1330)	2594

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	0.320 (0.170-0.540)	1965
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	15.7 (14.1-17.2)	1931
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	2.80 (2.31-3.78)	1905
3.67 (3.44-3.91)	13.3 (11.8-15.4)	2561
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	5.05 (3.30-7.16)	1930
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	14.8 (12.4-17.8)	1965
2.10 (1.83-2.40)	31.1 (26.5-40.0)	1965

39.5 (36.1-43.4)	367 (311-423)	2594
298 (265-334)	2620 (2360-2880)	2594

8.02 (7.07-9.10)	64.9 (45.4-97.9)	2590

31.1 (29.0-33.3)	528 (402-610)	2594

.493 (.468-.520)	1.97 (1.75-2.17)	2627
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1920

.443 (.408-.482)		2.66 (2.29-3.16)	2634

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2538

45.2 (43.1-47.3)	163 (154-171)	2627
22.0 (18.7-25.9)	238 (174-336)	2604
12.1 (10.3-14.3)	130 (93.2-174)	2604
2.34 (2.10-2.62)	31.0 (21.4-42.0)	2605
2.64 (2.29-3.04)	27.8 (20.2-39.7)	2604
10.0 (8.97-11.2)	81.4 (67.6-95.9)	2604
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2604
137 (122-155)	1790 (1250-2680)	2604
7.16 (6.59-7.78)	39.1 (34.8-43.9)	2604
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	2.00 (1.40-2.50)	2604
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	11.3 (8.40-16.4)	2604
18.9 (17.2-20.7)	110 (94.5-120)	2604
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	2604
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	0.80 (0.140-0.220)	2535

4.91 (4.34-5.55)	230 (185-342)	2581
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	.300 (.200-.400)	2604

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	1.94 (1.58-2.53)	2528

3.22 (2.93-3.55)	13.0 (12.0-15.0)	2522
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	.009 (<LOD-.009)	2627
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	3.71 (3.41-4.00)	2477

.146 (.139-.153)	.400 (.390-.420)	2627

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	2.54 (1.68-3.70)	2525

.099 (.092-.105)	.500 (.440-.580)	2627
.007 (.006-.008)	.039 (.026-.056)	2627

CDC Fourth Report (2003-2004)

Blood Concentrations (pg/mL) for Total Population 1 year and older		
Geometric Mean (95% conf. interval)	95th Percentile	Sample Size
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1345
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1235

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1354
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1367
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1367

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1170

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1327
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1346
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1366
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1367
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1364

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1334

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	3.30 (1.70-5.10)	1322

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	0.260 (0.210-0.320)	1345

1.50 (1.20-1.86)	9.50 (7.00-12.0)	1322

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	6.40 (3.60-14.0)	1310
.315 (.300-.331)	1.52 (1.30-1.77)	8266

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1366
10.2 (8.56-12.2)	50.0 (37.0-56.0)	1222

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	7.20 (4.80-8.60)	1333

Not calculated: proportion of results below limit of detection was too high to provide a valid result. <LOD 1165

0.035 (0.033-0.37)		0.110 (0.098-0.120)	1299

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1366

1.27 (1.21-1.34)		3.70 (3.50-3.90)	8266

.769 (.689-.859)	4.64 (3.74-5.79)	8266

11.0 (5.98-20.1)	170 (110-340)	1307

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1066

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	0.090 (0.081-0.097)	1365

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	0.120 (0.110-0.130)	1245

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	0.140 (0.091-0.300)	1317

	0.114 (0.100-0.129)	0.680 (0.560-0.880)	1336

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1228

	0.136 (0.123-0.150)	0.340 (0.310-0.400)	1346

Lipid Adjusted Serum Concentrations (ng/g of lipid on a lipid-weight basis) for 20 years and Older			Lipid Adjusted Se Concentrations (pg/g on a lipid-weight basis years and Olde	
Geometric Mean (95% conf. interval)	95th Percentile	Sample Size	Geometric Mean (95% conf. interval)	95th Percentile

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1268
220 (<LOD-244)	794 (665-978)	1270
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	18.0 (16.0-20.9)	1275
26.8 (24.6-29.2)	91.3 (73.5-117)	1874
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1269
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	9.50 (8.00-10.5)	1283
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1279
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	9.00 (8.00-10.1)	1283

19.7 (17.8-21.8)	70.8 (60.7-82.2)	1287
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1281
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1284
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1281
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	11.3 (10.1-12.7)	1290

2.59 (2.37-2.83)	13.7 (11.5-15.6)	1867
3.6 (3.40-3.89)	20.1 (18.1-21.9)	1263
3.37 (3.15-3.61)	15.9 (13.4-19.5)	1291
0.800 (0.721-0.888)	4.68 (4.12-5.19)	1253
6.86 (6.48-7.26)	29.5 (26.7-32.2)	1296
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	0.620 (0.490-0.800)	1288
3.71 (3.41-4.02)	20.6 (18.3-23.6)	1282
0.805 (0.746-0.869)	4.3 (3.79-5.00)	1293
1.40 (1.30-1.50)	7.80 (6.50-9.50)	1294
1.18 (1.11-1.25)	6.50 (5.69-7.58)	1297
17.7 (16.5-19.0)	77.4 (72.3-87.7)	1298

19.0 (17.9-20.1)	88.0 (77.8-96.7)	1298
1.77 (1.67-1.88)	8.40 (7.70-9.55)	1296
5.20 (4.83-5.60)	25.9 (22.1-32.1)	1295
2.60 (2.40-2.90)	12.7 (10.7-15.2)	1300
0.590 (0.546-0.638)	1.89 (1.60-2.17)	1283
0.650 (0.568-0.742)	2.60 (2.35-2.91)	1296
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	1.02 (0.850-1.40)	1282
23.7 (22.3-25.1)	101 (92.9-119)	1300
4.52 (4.14-4.94)	18.6 (17.1-21.3)	1290
1.62 (1.46-1.78)	5.51 (5.00-6.60)	1299
2.59 (2.36-2.84)	7.15 (662-7.80)	1300

3.31 (3.05-3.60)	16.8 (14.7-18.6)	1294
0.743 (0.675-0.817)	3.97 (3.51-4.59)	1278
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	1.50 (1.10-2.14)	1247
1.30 (1.18-1.43)	6.82 (5.70-8.30)	1286
1.19 (1.08-1.30)	4.18 (3.66-4.94)	1289
0.592 (0.591-0.673)	4.30 (3.90-4.70)	1280
6.62 (6.10-7.18)	34.3 (29.6-39.6)	1291
1.42 (1.34-1.49)	4.20 (3.90-4.71)	1300
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1282
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	13.0 (11.4-14.7)	1285
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1282
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	5.30 (4.50-6.10)	1288

5.38 (5.16-5.62)	24.1 (20.8-27.7)	1300
4.88 (4.61-5.17)	11.1 (10.6-11.8)	1276

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	43.2 (37.3-49.5)	1285
17.6 (16.0-19.3)	74.8 (60.2-94.4)	1283
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	13.1 (<LOD-16.5)	1281

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1358

7.89 (<LOD-9.09)	62.2 (48.2-87.6)	1370

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	19.5 (16.0-25.7)	1365

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1286

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1367

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	20.6 (16.8-24.0)	1371
15.5 (14.7-16.2)	29.0 (25.6-33.6)	1373

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	15.4 (8.10-37.1)	1359

Not calculated: proportion of results below limit of detection was too high to provide a valid result.	<LOD	1358

10.6 (9.82-11.5)	39.2 (36.3-45.5)	1383

268 (217-332)	1990 (1500-2470)	1368
Not calculated: proportion of results below limit of detection was too high to provide a valid result.	20.7 (15.9-27.5)	1370

'um of lipid ;) for 12 r	Serum Concentrations (ng/mL) for 3 years and Older			Hemoglobin Adduct Concentrations (pmol/g hemoglobin) for Total Population 3 years and Older				Toxic Release Inventory (2010)			
								Toxic Release Inventory (2010)			
Sample Size	Geometric Mean (95% conf. interval)	95th Percentile	Sample Size	Geometric Mean (95% conf. interval)	95th Percentile	Sample Size	CDC Score	Total Air Emissions (point source and fugitive) (lbs)	Total Surface Water Discharges (lbs)	Total On- and Off-site Disposal or Other Releases (lbs)	TRI Score
							0	519	0	1195	1
							0	4.994	0	5.075	1
							0	3140.06	0	3689.06	1
							0				0
							1	73062.173	223	108309.99	1
							0	0	0	0	1
							1	3788.19	285	4505.21	1
							0				0

				1	15631.65445	219.7	16980.23	1
				0				0
				0	343789.977	3312.76	349989.49	1
				0				0
				0	141264	100	141368	1
				0	7682.53	4	7723.17	1
				1	40971.55	630	42110.24	1
				1				0
				0				0
				0	4.69	0	19.6	1
				1				0
				1				0
				1				0
				1				0
				1				0
				1				0
				1				0
				1				0

		1			0
		1			0
		1			0
		1			0
		1			0
		0			0
		0	1530.01	208	1797.08	1
		0			0
		0			0

		0	16496.769	0	39657.65	1
		0	437229.994	3007.5	4547276.41	1
		0	2686.4215	0	2686.42	1
		1	0.02	0	28.48	1
		0	2952.41	1	2994.56	1
		0	111585.53	0	111585.53	1

		0	24570	9	24579	1
		1	74911.35	260.508	76950.58	1
		1	391728.7738	1504.44	476408.26	1
		1				0
		1				0
		0	5559.42	29	6096.51	1
		1	100822.68	1056.92	104500.73	1
		0	0	0	8.79	1
		0				0
		0	1649	0	13300	1
		0				0
		0				0

		0	1167587.895	645.66	1175584.78	1
		0	18952	0	18952	1
		1	15.65	0	151.8	1
		0				0
		0	6573.71	2	6678.63	1
		0	3055.07	250	93576.37	1
		0				0
		0	344.13	19	39250.51	1

		1	27447.63	2	27752.77	1
		0	69357.799	45145.71	250766.62	1
		0				0
		0				0
		0	0	0	0	1
		0	8478	0	8478	1
		0	5275650	565.01	5276215.01	1
		0				0
		0				0
		0				0
		0				0
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		0			0
		1			0
		0	130091.53	5328	135725.53	1

		0	0
		1	0
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		1	0
		1	0
		1	0
		0	0

		0	4761	0	4761	1
		1				0
		1				0
		1	0.07	0	71.94	1
		1				0
		1	28.37	11	100.24	1
		0				0
		0				0
		0	16973.62999	358	41900.45	0
		0	941.532054	0.153	2629.68	1
		0	0	0	0	1
		0	.	.	.	1
		0	6	0	6	1
		0	.	.	.	1
		0	1257.07	5	1264.07	1
		0	4210.686	0	27245.86	1
		1	1001.672	42.008	3674.61	1

		0	13263.35	706.75	15239.18	1
		0	29997	599	62368	1
		0	28894.196	1.8	132059.87	1
		0				0
		0				0
		0				0
		0				0
		0	2501	0	2558.87	1
		0	43.99	0	47.99	1
		0	183.47	0	236.5	1
		0				0
		0	442921.52	2437	445359.52	1
		0	36879.66	25	36904.66	1
		0				0
		0				0
		0				0
		0				0
		0	40384.13	30947	72686.64	1
		0				0
		0				0
		0				0
		1				0
		1				0
		1				0
		1				0
		1				0
		0	842.0258	3190	249529.44	1
		0	4495.06	1432	5927.06	1
		0				0
		0	19829.61	12	190604.61	1

		0			0
		0	32237.9	118.25	36105.02	1
		0	6642.48	0	37229.76	1
		0			0
		0	0	52	14537	1
		0	28885.26	0	30347.91	1
		0	59	5	7912	1
		0			0
		1			0
		1			0
		0	37238.2	0	37238.2	1
		0			0
		0	1.6	0	1.6	1
		0	0	0	18.51	1
		0	0	0	17.46	1
		0	255	0	255	1
		1			0
		0			0
		1			0
		0	108	0	108	1
		1			0
		0			0

		0			0
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		0			0
		0			0
		0			0
		1			0
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		0	2307	0	71665	1
		0	10957.813	504	156149.69	1
		0				0
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		0				0
		0				0
		0	192.7	140	2277.7	1
		0	94138.5555	4942	1240393.61	1
		0				0
		0	1282.34	0	9097.21	1
		0	4405.03	1906	70395.03	1
		0				0
		0	1	0	2	1
		0				0
		0	0	0	635	1
		0	1	0	9	1
		0				0

		0			0
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		0			0
		0			0
		0	72.24	0	76.86	1
		1			0
		0			0
		1			0
		0			0
		0	5478.0748	237	77740.81	1
		0			0
		0			0
		0	0.01	0	57.88	1
		0			0
		1			0
		0			0
		0	500.1	4	984.1	1
		0			0
		0			0
		0	37	0	1797	1
		0	9259787.884	388143.8	10160543.26	1
		0	787	170	1113654	1
		1			0
		0			0
		0			0
		0			0
		0	309354.962	6303.22	17721097.75	1
		0	81588.918	933	409319.41	1
		0			0

				0	.	.	.	1
				0	232967.4355	134	560064.11	1
	61.2 (58.1-64.6)	192 (168-217)	7101	1	8508.9749	344	4575056.71	1
				0	243868.064	12347.75	2535607.24	1
				0	373747.67	116.85	4390821.2	1
				0				0
				0				0
				1	285.12	4857	7583.17	1
				0				0
				0				0
				0				0
				0	95	0	143	1
				0				0

				1	8.52	0	2148.72	1
				0				
				0				0
				0	57064.6379	18358.5	463832.17	1
				0	23749.67	201.4	24051.71	1
				0	7088	5	7093	1
				0				0
				0				0
				0				0
				0				0
				0	890562.9321	0	22036219.32	1
				0	27533.01483	128	7758814.32	1
				0	83	0	1515	1
				0				0
				0				0
				0				0
				0	305	5	1309	1
				0	0	0	0	1
				0	0.01	0	26.19	1

		0	108923925.5	3962309.5	141791319.2	1
		0				0
		0				0
		0				0
		0				0

				0	104745.39	5259	1080970.21	1
				0	7444.51	169	46793.46	1
				1	6589.435	1131.16	978390.96	1
				0	22718.227	9953.76	12092489.49	1
				0				0
				0				0
				0				0
				0				0
				0				0
				0				0
				0				0
				0				0
				0				0
				0				0
				0				0
				0				0
				0				0
				1				0
				0	90128.68983	85901.86	98701.843.32	1
				0				0

		1	1067.5889	1883.44	747519.5	1
		0				0
		0	87.03604	0	8757577.45	1
		0				0
		0				0
		1	41964.425	67	872464.92	1
		0				0

		0			0
		1	2210349.948	950098.37	242256828.1	1
		0			0
		0	0	0	0	1
		0			0
		0			0
		0	1	0	1	1
		0			0
		0	445	0	445	1
		0	1	0	1	1
		0			0
		0			0
		0			0
		0	149.42	0	209.29	1
		0			0
		1	3845019.897	7692.2	4062478.02	1
		0	0	0	11.63	1
		0			0

0				0
0				0
0	13893.49113	318.863024	53084.89	1
0				0
0				0
0				0
0	0.03	0	19.63	1
0	2367.55	0	2367.55	1
0	2221.859	250	23194.19	1
0	10704.429	30	11831.93	1
1	2870.2442	134.73	721299.4	1
0				0

		1			0
		0			0
		0			0
		0			0
		0			0
		0	10	0	11470.5	1
		0	249	0	249	1
		0	0.44	0	54.06	1
		0				0
		0				0
		0	1558.133489	1.78	1602.44	1
		0	0	0	0	1
		0				0
		1				0
		0				0
		0	83	0	145	1
		0	6997	0	7518	1
		0	0	0	2870	1

		0			0
		0			0
		0	363478.97	4896	395945.97	1
		0			0
		0	1154	0	1154	1
		0			0
		0			0
		1			0

		1	6234	0	6234	1
		0	393720.05	1446	403392.34	1
		0				0
		0	8082	0	8082	1
		0	10	0	10	1
		0	64	0	64	1
		0				0
		0	347255.8034	286.03	362471.13	1
		0				0
		0				0
		0				0
		0				0
		0	287557.04	7356	318901.04	1
		0				0
		0				0
		0	0	750	750	1
		0				0
		0	.	.	.	1
		0				0
		0				0
		1	731.244	136.2	402760.48	1
		0	11566.8442	1479.8	2113738.55	1
		0				0
		0				0
		0	13.29	0	13.29	1
		0				0
		0				0
		0				0
		0	160.65	5	3952.65	1
		0	388.91	10.019	628.009	1
		0				0
		0	388	0	388	1
		1				0

		0	8924926.499	27529.51	8953758.81		1
		0					0
		1	113562.009	188.22	158480.1		1
		0	15120960.72	817.44	15122770.16		1
		0					0
		0					0
		0	15.84	0	15.84		1
		0	2908.23	12289.5	18400.83		1
		0					0
		0	12603735.91	64976	14060718.77		1
		1					0
		0					0
		0					0
		0					0
		0	35.7256	0	2939.43		1

		0					0
		0					0
		0	39	0	39		1
		0					0
		0	3940015.726	99426.7	4387515.68		1
		0					0
		0	465577.98	0	466201.98		1
		0					0
		0	6592.3	0	8492.3		1
		1	185199.943	80	211984.13		1
		0	0	0	25.65		1
		0					0
		0	3776293.335	2798.01	3841091.95		1
		0	502492.2633	113	502767.86		1
		1	479353.532	7296.05	554752.55		1
		0	120	0	120		1
		0	651.04	4	68285.8		1

				0	2747.9	0	2750.9	1
				0	169572.1004	75	180006.1	1
				0				0
				0	2788.22	147	92413.49	1
				0	95546	0	95546	1
				0				0
				0				0
				0				0
				0	28.99	0	28.99	1
				0	512133.7672	5453.38	7780774.77	1
				0				0
				0	269598.6622	93454.35	36385312.31	1
				0				0
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				0				0
				0				0
				0				0
				1	123764.4878	2970.62	296948.96	1
				0	38913.116	154030.75	5495808.36	1
				0				0
				0	388582.441	28481.44	9661498.84	1
				0	518678.1087	293490.27	167742932.4	1
				0				0
.57 (.048-.068)	1.81 (1.45-2.43)	6197		1				0

		0	307548.4	2469	499660.14	1
		0	3560.66	20	6020.17	1
		0	788694.135	970.13	798266.76	1
		0	31162.85	0	104171.35	1
		0	0.37	0	0.37	1
		0	22.59	0	16022.59	1
		0	333256.51	36477.04	4651031.57	1
		0				0
		0				0
		0				0
		0				0
		0	3598639.772	13607.9	3811964.47	1
		0	60101.51	75643	1371750.51	1
		0				0
		0				0
		0				0
		0	2.477	0	2.698	1
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		0	5994	2951	9044.89	1
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		0	2723.4	37	11260.3	1
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		0	18905.0842	9	211962.82	1
		0	61.03	16	68544.03	1
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		0	229640.32	0	230240.32	1
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		0	1820	0	1820	1
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		0	9902.175	0	10122.21	1
		0	333893.37	0	334795.37	1
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		0	7510	5	9731.9	1
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		0	2677903.58	424128.24	6490853.22	1
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		0	447669.2735	478013.44	10319032.17	1
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		0				0

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		0	812.08	638	11841.94	1
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		0	13685.348	4428	468978.52	1
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		0	129818.14	250	130068.14	1
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		0	91313.22434	2649.41	5972548.54	1
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		0	10	0	510	1
		0	989576.3326	4435.35	1357774.89	1
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				0	29851964.78	7336.08	30015657.6	1
				0	696946.2473	13761.92	5133500.68	1
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				0	405572.9795	87556.66	23723978.03	1
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				0	220272.49	623	640418.15	1
				0	36	0	36	1
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				0	337059.5861	185994802.9	242224416.1	1
				0	1096331.767	49362.94	9587086.4	1
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				1	69431.13	77	371533.57	1
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		0	27.02	0	1549.02	1
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		0	185.3		0	185.3	1
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0	605685.58		208	605951.58	1
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0					0

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		0	18	17	37	1
		0	6	0	6	1
		0	2003.84	6.004	123073.66	1
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		0	363.8787	5.06	905.2087	1
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		1	124.64	860	146572.13	1
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4.13 (4.01-4.25)	9.70 (9.00-10.1)	2100		1				0
20.7 (19.2-22.3)	54.6 (44.0-66.5)	2094		1				
				0	1642.96	0	3045.56	1
				0	35246.236	233.2	150506.43	1
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				0				0
				0	4243.4	0	4292.4	1
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				0	231599.98	20	471521.11	1
				0	216	24	241	1
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		0	1716.6	0	1716.6	1
		0				0

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		1	26729835.71	24254.21	29817193.74	1
		0	1237.941	285	4932.87	1
		0	786.483	73	1356.73	1
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		0	2192	250	16262.07	1

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		0	887.11	0	887.11	1
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0	288	0	317	1
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0				0
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0				0
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0	1332531.207	4126.98	1920535.14	1
0				0
0	321405.589	2142.4	337278.36	1
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		0	477759.125	554618.75	40032571.41	1
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		0	332838.6074	0	11842352.57	1
		0	5968992.581	763377.23	783523585	1

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Clean Air Act HAPs (1990)		
http://www.epa.gov/ttn/atw/orig189.html		
On the HAPs List?	HAP Score	On the CCL?
	0	
	0	
Yes	1	Yes
	0	
Yes	1	
	0	
	0	
	0	

	0	
	0	
Yes	1	
	0	
	0	
	0	Yes
	0	
Yes	1	
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Yes	1	
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		0	
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		0	
		0	
		0	
		0	Yes
		0	
		0	

Yes	1
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Yes	1
Yes	1
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Yes	1
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Yes	1
Yes	1
Yes	1
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Drinking Water Contaminant Candidate List

http://www.epa.gov/safewater/ccl/ccl3.html#ccl3

Information About the Contaminant

It is an industrial chemical used in the production of other substances.

It is an industrial chemical used as a solvent.

It is an industrial chemical used in paint manufacture.

It is an industrial chemical used in rubber production.

It is used as a solvent or solvent stabilizer in the manufacture and processing of paper, cotton, textile products, automotive coolant, cosmetics and shampoos.

It is used in the manufacture of plastics.

It is used in consumer products, such as synthetic cosmetics, perfumes, fragrances, hair preparations, and skin lotions.

It is a carbamate, and is a pesticide degradate. The parent, carbofuran, is used as an insecticide.

It is used in the production of other substances, and as a corrosion inhibitor and curing agent for polyurethanes.

It is used as an insecticide.
It is used in the production of other substances, and as a pesticide and food additive.
It is used as a solvent, solubilizer, plasticizer, and stabilizer.
It is used as an herbicide for weed control on agricultural crops.

Acetochlor ESA is an acetanilide pesticide degradate. The parent, acetochlor, is used as an herbicide for weed control on agricultural crops.

Acetochlor OA is an acetanilide pesticide degradate. The parent, acetochlor, is used as an herbicide for weed control on agricultural crops.

It is used as an aquatic herbicide, rodenticide, and industrial chemical.

Alachlor ESA is an acetanilide pesticide degradate. The parent, alachlor, is used as an herbicide for weed control on agricultural crops.
Alachlor OA is an acetanilide pesticide degradate. The parent, alachlor, is used as an herbicide for weed control on agricultural crops.

It is used in the production of other substances, and in the manufacture of flavorings and perfumes.

It is a component of benzene hexachloride (BHC) and was formerly used as an insecticide.

It is used as an industrial chemical, as a solvent, in the synthesis of explosives, rubber products, and in isocyanates.

It is used as an herbicide.

It is used in the production of other substances, such as plastics, dyes, lubricants, gasoline and pharmaceuticals.

It is used as an insecticide.

It has been used as a fumigant as a fungicide.

It is used as a food additive (antioxidant).

It is used as a food additive (antioxidant).

It is used as a refrigerant, as a low-temperature solvent, and in fluorocarbon resins, especially in tetrafluoroethylene polymers.

It is used as an herbicide.

It is a naturally-occurring element and was formerly used as cobaltus chloride in medicines and as a germicide.

It is used as an industrial chemical and is used in the production of other substances.

Toxins naturally produced and released by cyanobacteria ("blue-green algae"). Various studies suggest three cyanotoxins for consideration: Anatoxin-a, Microcyst

It is used as an herbicide and plant growth regulator.
It is used as an insecticide on field crops, (such as cotton), orchard crops, vegetable crops, in forestry and for residential purposes.

It is used as an insecticide.
It is used as an herbicide.

It is used as an insecticide.
It is used as an insecticide.

It is used as a paint ingredient.

It is used as an antifreeze, in textile manufacture and is a cancelled pesticide.

It is used as a fungicidal and insecticidal fumigant.

It is used in the production of other substances, such as for vulcanizing polychloroprene (neoprene) and polyacrylate rubbers, and as a pesticide.

It is used as an insecticide.

It has been used as a fungicide, may be a disinfection byproduct, and can occur naturally.

It is a naturally-occurring element and is commonly used as germanium dioxide in phosphors, transistors and diodes, and in electroplating.

It is used as an explosive.

It is used in the production of other substances, such as rocket propellants, and as an oxygen and chlorine scavenging compound.

It is an industrial chemical and is used in the production of other substances.

It is used as an insecticide and as a cotton defoliant.

It is used as an insecticide.

It is used as an industrial solvent, a gasoline additive and also as anti-freeze.

It is used as a foaming agent and in the production of other substances.

It is used as an octane booster in gasoline, in the manufacture of isobutene and as an extraction solvent.

It is used as an herbicide for weed control on agricultural crops.

Metolachlor ESA is an acetanilide pesticide degradate. The parent, metolachlor, is used as an herbicide for weed control on agricultural crops.

Metolachlor OA is an acetanilide pesticide degradate. The parent, metolachlor, is used as an herbicide for weed control on agricultural crops.

It is used as an herbicide.

It is used in the production of other substances, and as a paint solvent and food additive.

It is used as a solvent and is a naturally-occurring alkane.

It is used in the production of aniline, and also as a solvent in the manufacture of paints, shoe polishes, floor polishes, metal polishes, explosives, dyes, pesticides
It is used as an herbicide.

It is used in pharmaceuticals, in the production of explosives, and in rocket propellants.

It is a solvent in the chemical industry, and is used for pesticide application and in food packaging materials.

It is a nitrosamine used as an additive in gasoline and in lubricants, as an antioxidant, as a stabilizer in plastics, and also may be a disinfection byproduct.

It is a nitrosamine and has been formerly used in the production of rocket fuels, is used as an industrial solvent and an anti-oxidant, and also may be a disinfectio

It is a nitrosamine and may be a disinfection byproduct.

It is a nitrosamine chemical reagent that is used as a rubber and polymer additive and may be a disinfection byproduct.

It is a nitrosamine used as a research chemical and may be a disinfection byproduct.

It is used in the manufacture of methylstyrene, in textile dyeing, and as a printing solvent, and is a constituent of asphalt and naptha.

It is used in the production of other substances, such as dyes, rubber, pharmaceuticals and pesticides.

It is used as an insecticide.

It is used as an herbicide.

It is both a naturally occurring and man-made chemical. Most of the perchlorate manufactured in the United States is used as the primary ingredient of solid rocke

It is used for its emulsifier and surfactant properties in or as fluoropolymers (such as Teflon), fire-fighting foams, cleaners, cosmetics, greases and lubricants, pain

It is used as an insecticide.

It is used as an insecticide and an acaricide.

It is an industrial chemical used in the production of other substances.

It is used in the production of other substances, and as a pharmaceutical (anti-malarial) and as a flavoring agent.

It is used as a solvent for coating compositions, in organic synthesis, as a plasticizer and in surfactants.

It is naturally-occurring element and is used as strontium carbonate in pyrotechnics, in steel production, as a catalyst and as a lead scavenger.

It is used as a fungicide.
It is used as an insecticide.

It is a naturally-occurring element and is commonly used as sodium tellurite in bacteriology and medicine.

It is used as an insecticide.
Terbufos sulfone is a phosphorodithioate pesticide degradate. The parent, terbufos, is used as an insecticide.

It is used as an insecticide.

It is used as a fungicide.

It is used in the production of other substances, and as a stabilizer in herbicides and pesticides, in consumer products, in food additives, in photographic chemical

It is used in the production of other substances, and as a stabilizer in herbicides and pesticides, in consumer products, in food additives, in photographic chemical

It is a naturally-occurring element and is commonly used as vanadium pentoxide in the production of other substances and as a catalyst.

It is used as a fungicide.

	Superfund Target Compounds Lists and Target Analytes List																
	TCL (Pesticides & Alachlors)		TCL (Semivolatiles)					TCL (Volatiles)					TAL (Metals & Cyanide)				
CCL Score	Water (µg/L)	Soil (µg/kg)	Low Water by SIM (µg/L)	Low Water (µg/L)	Low Soil by SIM (µg/kg)	Low Soil (µg/kg)	Med. Soil (µg/kg)	Trace Water by SIM (µg/L)	Trace Water (µg/L)	Low Water (µg/L)	Low Soil (µg/kg)	Med. Soil (µg/kg)	ICP-AES Water (µg/L)	ICP-AES Soil (mg/kg)	ICP-MS Water (µg/L)	ICP-MS Soil (mg/kg)	TCL/ TAL Score
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1				50	5	5	2.5	1
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0			0.5	5	5	250							1
0													0
0			0.5	5	5	250							1
0													0
0								60	6	2	1		1

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NATA			
2002 Data			
Total Emissions (tons per year)	NATA Score	PPRTV?	PPRTV Status
	0		
	0		
	0		
	0		
69373.59	1		
	0		
297	1		
	0		

851	1
	0
415.73	1
	0
	0
434.51	1
	0
94.91	1
	0
0.42	1
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263.74	1 0 0	Yes	2009; Current; sRfD & sRfC
0.38	1		
23.58	1 0		

	0			
	0	Assessment in Progress		
	0			
	0			
	0			
	0			
160.61	1			
0.00395	1			
11.22	1			
	0			
	0			
	0			

51796.76	1 0 0	Yes	2006; Current	
11521.87	1 0 0 0 0			

7243.89	1	Yes	1997; Retired
105.66	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yes	1994; Retired

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271233.37	1			
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0.1	1
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0.84	1		
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0.4	1		
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1.24	1		
	0		
1895.4	1		

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0.2	1
4.05	1
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0.03	1
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3.61	1
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17.06	1
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0.37	1
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0.00131	1
0.01	1
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1.06	1
21.74	1
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3.67	1
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0.01	1
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0.01	1
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0.00182	1
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80517.25	1
0.45	1
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	0
775.41	1
209.87	1
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29335.32	1	Yes	2001, 2002; Current
11.71	1		
244.52	1		
1026.89	1		
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27.06	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yes	2009; Current

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241.4	1		
	0		
	0	Yes	Trioxide and antimony soluble
159.43	1		
	0	Yes	Trioxide and antimony soluble
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396.6	1		
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	0	Yes	2002; Retired
1.81	1		
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0.01	1
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410219.18	1
0.1	1
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	0	Yes	1994; Retired
	0		
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2.57	1		
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325.43	1		
42.05	1	Yes	1994; Retired
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0.00000025	1
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2.67	1
0.01	1
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	0	Yes	2009; Current	
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22.05	1			

14780	1		
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89.9	1	Yes	1998; Current
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0.13	1		
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15.77	1		
22.1	1		
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15554.77	1		

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458.39	1
15087.96	1
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6.67	1
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0.26	1

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12567.35	1			
	0		Yes	1999; Retired
	0			
	0			
21.42	1			
3568.22	1			
0.35	1	Yes	2006; Current	
	0			
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6805.05	1			
1.09	1			
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497	1		
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643.61	1		
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	0	Yes	1999; Retired
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124.04	1	Yes	2008; Current
771.01	1		
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1363.3	1		
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15540.09	1		
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272.53	1		

	0	Yes	1996; Retired
	0		
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0.01	1		
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133.72	1		
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2436.96	1		
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	0 0 0 0	Yes	2006; Current
0.18	0 0 0 1	Yes	1992; Retired
160.71	0 0 0 0 0 0 1 0		

7.83	1		
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	0	Yes	2011; Current
	0	Assessment in Progress	
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260.72	1		
27.08	1	Yes	2007; Current
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0.06	1		
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	0	Assessment in Progress		
0.1	1			
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128.73	1			
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71.62	1		
9.83	1		
1543.82	1		
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127741.52	1		
	0	Yes	2009; Current; sRfD & sRfC
	0		
	0		
	0	Yes	2002; Retired; RfD
	0		
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702.42	1		
0.68	1		
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0.3	1
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2.22	1
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266685.76	1
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39201.7	1
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0.48	1
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1.05	1		
1.27	1		
	0	Yes	2010; Current
33.7	1		
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93.1	1		

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0.00011	1		
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	0		
5.6	1		
564442.18	1		
	0	Yes	2009; Current
74903.56	1		

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61.54	1			
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	0	Yes	2002; Current	
465.72	1			
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	0	Assessment in Progress	
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1707.87	1		
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144.3	1		
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2403.4	1		
	0	Yes	1991; Retired

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119.09	100		
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238788.65	1		
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0.16	1		
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14267.46	1		
	0		
96386.92	1	Yes	1999; Current
81.36	1		
64.18	1		
77304.58	1		
0.48	1		
	0		
1718.73	1		
	0		
138677.75	1		
	0		

	0	Yes	2002; Retired	
374.43	1			
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	0	Yes	1993; Retired	
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	0	Assessment in Progress		
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1149.19	1			
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15120.6	1			
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	0	Yes	1993; Retired	
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168969.27	1
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1085.57	1
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40.78	1
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27.84	0 1 0 0
0.01	1

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1.01	1000			
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0.24	1		
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		Yes	2008; Current
	0		
4.77	1		

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	0	Assessment in Progress		
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0.0046	1			
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0.05	1
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0.85	1
5.05	1
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7882.76	1
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5.03	1
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53.56	1
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201.24	1
137.02	1
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17.54	1
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26.41	1
13840.66	1

	0	Yes	1998; Retired	
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15.72	1			
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3.69	1
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11760.11	1
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288.99	1
4.59	1
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3.67	1			
4.27	1			
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7.04	1			
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711.85	1			
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	0	Assessment in Progress		
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49794.98	1	Assessment in Progress	
1.75	1		
	0	Yes	1994; Retired Cancer
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4.41	1		
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	0	Assessment in Progress		
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35613.38	1			

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0	Yes	199; Retired	
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16.72	1
884066.24	1
85.84	1
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0.02	1
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	0	Yes	1992; Retired
	0		
1895.68	1		
	0		
813.74	1		
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	0		
414.44	1		

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	0	Assessment in Progress, but on hold	
	0	Yes	1998; Retired
	0		
	0		
	0	Yes, Vanadium and its soluble inorganic compounds other than vanadium pentoxide	2009; Current
	0	Yes, Vanadium and its soluble inorganic compounds other than vanadium pentoxide	2009; Current
	0		
2053.34	1		
0.52	1		
1306.87	1		
	0		

595240.92	1000			
	0			

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In Queue?	PPRTV Score	Total Score
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	0	2
	0	7.5
	0	2
	0	10.3
	0	1
	0	8.5
	0	2

0	9.5
0	2
0	6.3
0	0
0	1
0	7.5
0	4
0	6.5
0	2
0	3
0	2
0	1
0	2
0	2
0	1
0	1
0	1
0	1

0	1
0	1
0	1
0	1
0	1
0	2
0	5
0	2
0	2

No	1	8.3
	0	1
	0	1
	0	8
	0	11.7
	0	1

	0	1
Assessment Started	1	5.3
	0	8.7
	0	2
	0	3
	0	2
	0	7
	0	7.7
	0	5
	0	1
	0	0
	0	3

	0	8
	0	1
	0	4.3
No	1	1
	0	9.7
	0	1
	0	1
	0	2
	0	1

No	1	9
No	1	10.7
	0	2.3
	0	3
	0	1
	0	1
	0	3
	0	1.3
	0	0
	0	0
	0	0
	0	1
	0	1
	0	1
	0	1
	0	2.3
	0	2
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0	1
0	8
0	3
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0	1.7
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0	4.5
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0	1
0	1
0	2.7
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0	5
0	1
0	4
0	2
0	1
0	4
0	1.3

0	1
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0	3.5
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0	1
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0	1
0	4
0	2.3
0	5.5
0	7.7
0	4
0	4
0	1
0	1
0	4
0	5.3
0	6.3
0	1.3

	0	3
Assessment started; but cancelled	1	9
	0	8.7
	0	7
	0	9.7
	0	1
	0	1.3
	0	3
	0	1
	0	1
	0	1
	0	3.3
	0	2

	0	8.7
	0	0
	0	2
No	1	5
	0	5.5
	0	1
	0	1
	0	1
	0	6.7
	0	0
	0	3
	0	1
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0	5
0	1.3
0	1.3
0	2
0	1
0	0

	0	7.7
	0	3.3
No	1	7
	0	3
No	1	3
	0	2.5
	0	3.7
	0	1
	0	3
	0	2
	0	2
	0	1
	0	2
	0	2
	0	3
	0	2
	0	1
	0	1
	0	2
	0	3
	0	1

	0	9
No	1	5
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	0	2.3
	0	2
	0	4
	0	1

0	3.7
0	6.3
0	1
0	5
0	2
0	2
0	1
0	2
0	1
0	3
0	1
0	2.1
0	2.7
0	1
0	3
0	11.9
0	8.9
0	1

No	1	4.7
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	0	3.3
	0	3.7
	0	1
	0	2.3
	0	5.7
	0	1
	0	1
	0	7.7
No	1	12.7
	0	2

0	6.5
0	0
0	3
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0	3.3
0	1
0	2
0	8.7
0	5.9
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0	1

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	0	2
	0	1
No	1	3.3
	0	1
	0	5.7

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	0	8.3
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	0	3
	0	0
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	0	4.5
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	0	1
	0	0
	0	1.3
No	1	9.7
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	0	1
	0	2
	0	2
	0	2
	0	4
	0	3
	0	6
	0	5
	0	2
	0	3
	0	2

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0	1
0	2.5
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0	4

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	No	1	7
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		0	5.3
		0	3.3
		0	3
No		1	9.3
		0	4
		0	0.3
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		0	4
		0	9.7
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	0	3.3
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	0	3.7
No	1	2
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No	1	7
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0	3.7
0	3.5
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No	1	7.7
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	0	4.7
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No	1	2
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No	1	10.7
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No	1	1
Assessment Started	1	3.3
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No	1	6.3
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	0	2

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Assessment Started	1	2
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	0	2
	0	1
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	0	5
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	0	5.3
	0	2
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	0	1
	0	2
	0	7.7

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	0	3
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	0	5
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	0	1
	0	1
	0	3
	0	2
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No	1	1
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	0	2
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	0	4

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0	2
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No	1	10.7
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No	1	8.7
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No	1	3
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Assessment started	1	2
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No	1	8.3

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0	7.3
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No	1	9.3
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	0	1
	0	6.1
	0	3

No	1	8
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No	1	3.5
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Assessment Started	1	4
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	0	6
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No	1	8.5
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0	5
0	4
0	1.7
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0	1
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0	8.3
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0	3
0	1
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0	3.7

0	5.7
0	6.7
0	4.7
0	6.7
0	7.7
0	0
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0	1
0	2.7
0	2
0	1
0	4.7
0	1.3

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No	1	1
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Assessment Started	1	4
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	0	3
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No	1	6.7
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	0	2.3
Assessment started	1	8.3
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Assessment Started	1	6
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	0	4.7
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Assessment started	1	1
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No	1	6
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Assessment started	1	2
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No	1	5
No	1	2
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	0	3
	0	5
	0	3

0	11
0	3
0	8
0	1
0	4.3

0	2
0	2
0	2
0	1

Client Need
Program and Regional Input
FY 2011 Chemical Nominations

OSRTI - cancer and non-cancer toxicity values for all routes of exposure. OPM - supports an IRIS assessment and new/updated toxicity values (if data insufficien

OTAQ - RfC; cancer hazard identification; and acute noncancer inhalation values. Exposure to acrolein is the ony national noncancer risk driver according to OA(

OUST nominated this chemical in 2007. It is an additive to automotive fuel and is listed in Section 1505 of the Energy Policy Act of 2005, which obligated EPA's a

OSRTI - cancer and non-cancer toxicity values for inhalation exposures. OPM - supports an IRIS assessment and new/updated toxicity values. Region 5 - Top pri

Low to moderate priority for OSRTI. Needed as basis for NPL listing, site cleanup and recovery of costs from PRPs. Very high priority for ORCR; RfC, RfD and ca

Region 5 - Top priority. Region 8 - Supports IRIS assessment. OSRTI - cancer and non-cancer toxicity values for inhalation exposures.

Low to moderate priority for OSRTI. Needed as basis for NPL listing, site cleanup and recovery of costs from PRPs. Not a high priority for an IRIS assessment. N

Low to moderate priority for OSRTI. Needed as basis for NPL listing, site cleanup and recovery of costs from PRPs. High priority for ORCR; RfC, RfD and cancer

OAQPS - Need RfC and inhalation unit risk for upcoming RTR assessments **Nominated as an acid gas

Region 1 - Cancer assessment; oral slope factor; and RfD - found at multiple R1 Superfund sites. Region 3- Support IRIS assessment (any toxicity values); chemi

Region 1 - cancer assessment; oral slop factor; and RfD - found at multiple R1 Superfund sites. Region 5 - Top priority. Region 8 - Supports assessment. OSRTI -

OPPT - Do not need an IRIS assessment; this compound is bieng phased out of commerce in the US. Region 5 - Would not support a chemical-specific IRIS asse

Region 5 - Minnesota has listed all major Siloxanes in production as Chemicals of High Concern. Would like to highlight that risks have been identified in some gc

OPPT - Would like to see DiDP included in IRIS's cumulative phthalate assessment as DiDP is included in OPPT's Phthalates Action Plan. NOTE: OPPT has dev
OUST nominated this chemical in 2007. It is an additive to automotive fuel and is listed in Section 1505 of the Energy Policy Act of 2005, which obligated EPA's a

OSRTI - cancner and non-cancer toxicity values for inhalation exposures.

OAQPS - Need RfC and inhalation unit risk for upcoming RTR assessments. Region 5 - to the extent that the phthalates assessment can be more inclusive of the

Region 1 - Cancer assessment; RfD; oral slope factor - found at Troy Mill Superfund site. Region 5 - to th extent that the phthalates assessment can be more inclu