Chemical	CAS	Surface Water Discharges (lbs)	§304(a) criteria - human health
1,2-DICHLOROETHANE	107-06-2	1.36	yes
ANTIMONY	7440-36-0	103.0588	yes
BARIUM	7440-39-3		yes
BENZENE	71-43-2	23.9	yes
COPPER	7440-50-8	583.17	yes
DI(2-ETHYLHEXYL) PHTHALATE[3]	117-81-7	8.5	yes
DIOXIN AND DIOXIN-LIKE COMPOUNDS[4]	N150	0.0213619	yes
ETHYLBENZENE	100-41-4	61	yes
MANGANESE	7439-96-5	9.253	yes
MANGANESE COMPOUNDS	N450	669,713.13	yes
MERCURY COMPOUNDS[1]	N458	1.5252	yes
NICKEL	7440-02-0	15.65	yes
NICKEL COMPOUNDS	N495	365.1508	yes
NITRATE COMPOUNDS	N511	3,282,026.00	yes
NITRATE	14797-55-8		yes
PHENOL	108-95-2	143	yes
SELENIUM COMPOUNDS[2]	N725	0.01	yes
TOLUENE	108-88-3	45	yes
ZINC COMPOUNDS	7440-66-6	29,430.29	yes
1,2,4-TRIMETHYLBENZENE	95636	8.7	no
ACETALDEHYDE	75-07-0	43,606.00	no
AMMONIA	7664-41-7	126,901.27	no
BARIUM COMPOUNDS	N040	63,728.00	no
BENZO(G,H,I)PERYLENE	191-24-2	17.01	no
CADMIUM	7440-43-9	0.002002	no
CARBON DISULFIDE	75-15-0	378	no
CATECHOL	120-80-9	305	no
CERTAIN GLYCOL ETHERS		5	no
CHROMIUM	16065-83-1	50.09	no
CHROMIUM	18540-29-9		no
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	N090	259.37	no
COBALT COMPOUNDS	N096	3	no
COPPER COMPOUNDS	N100	3,287.35	no
CREOSOTE	8001-58-9	82	no

CRESOL (MIXED ISOMERS)	1319773	21	no
CUMENE	98-82-8	1	no
CYANIDE COMPOUNDS		3.32	no
CYCLOHEXANE	110-82-7	1	no
DICHLOROMETHANE	75-09-2	0.16	no
FORMALDEHYDE	50-00-0	11,534.90	no
FORMIC ACID	64-18-6	1,657.00	no
HYDROGEN SULFIDE	7783-06-4	21,236.00	no
LEAD	7439-92-1	69.209	no
LEAD COMPOUNDS	N420	1,409.42	no
MERCURY, ELEMENTAL	7439-97-6		no
METHANOL	67-56-1	160,570.00	no
METHYL ACRYLATE	96-33-3	2.55	no
NAPHTHALENE	91-20-3	9	no
N-HEXANE	110-54-3	16	no
PHENANTHRENE	85-01-8	4.9	no
POLYCYCLIC AROMATIC COMPOUNDS	N590	38.51	no
SODIUM NITRITE[5]	7632000	197	no
NITRITE	14797-65-0		no
STYRENE	100-42-5	0.01	no
THIRAM	137-26-8	21.85	no
VANADIUM COMPOUNDS	N770	180,204.26	no
XYLENE (MIXED ISOMERS)	1330-20-7	36.2	no
ANTIMONY COMPOUNDS		5	

[1]RfD and 304a criteria are for methylmercury

[2]304a criteria is for only selenium; RfD is for selenium and compounds

[3]304a criteria is listed under Bis(2-Ethylhexyl)Phthalate

[4]304a criteria and RfD is for 2,3,7,8-Tetrachlorodibenzo-p-dioxin; oral slope factor is for hexachlorodi

[5]RfD is for nitrite

Reference dose (RfD) from Iris			oral slope factor (q1*)	
(mg/kg)/day	confidence	date	(mg/kg/day)	confidence
			0.0910	no human, adequate # of animals treated
0.0004	low	1/31/1987		
0.2	medium	7/11/2005		
0.0040	medium	4/17/2003	0.015 to 0.055	human evidence, with supporting animal evidence
0.0200	medium	1/31/1997	0.0140	human inadequate, animal sufficient
0.0000000007	high	2/17/2012	6200.0000	no human, adequate # of animals treated
0.1	low	1/31/1987		
0.14	medium	11/1/1995		
0.0001	high	7/27/2001		
0.0200	medium	12/1/1991		
1.6	high	5/1/1991		
0.3	medium to high	9/30/2002		
0.005	high	6/1/1991		
0.0800	medium	9/23/2005		
0.3000	medium/high	8/3/2005		
0.2	medium	7/11/2005		
0.0005 (water); 0.001 (food)	high	10/1/1989		
0.1000	medium	9/30/1987		
1.5 (trivalent chromium)	low	9/3/1998		
.0030 (hexavalent)	low	9/3/1998		

0.1	low	8/1/1997		
0.006	high	11/18/2011	0.0020	limited human, animal sufficient
0.2	medium	9/1/1990		
2	medium to high	9/30/2013		
0.02	low	9/17/1998		
0.1	high	1/31/1987		
0.1	high	1/31/1987		
0.2	medium	1/31/1987		
0.005	low	9/30/1987		
0.2	medium	2/21/2003		

ibenzo-p-dioxin

date
3/31/1987
1/9/2000
9/7/1988
3/1/1991

11/18/2011