Nevada Division of Environmental Protection
Basic Comparison Levels

Key: I=IRIS; P=PPRTV; N=NCEA; H=HEAST; CA=CalEPA; A=ATSDR; O=Other Document; S=Surrogate; x=withdrawn; *=see BCL Guidance Document

Key: C = Cancer endpoint; N = Noncancer endpoint; sat = Saturation Limit; max = Ceiling Limit

NDEP Basic Comparison Levels Jan-13 Chemical Constituents	CAS Number	TOXICITY INFORMATION SFo 1/(mg/kg-d)	Key	CANCER CLASS	RfDo (mg/kg-d)	Key	IUR (ug/m3)-1	Key	RfCi (mg/m3)	Key	VOC[c]	Skin Abs. Soils	COMPARISON LEVELS Residential Soil (mg/kg)	Key	Indoor Industrial/ Commercial Worker w/o Dermal (mg/kg)	Key	Outdoor Industrial/ Commercial Worker Soil (mg/kg)	Key	Ambient Air (µg/m³)	Key	Residential Water (µg/l)	Key	LBCLs DAF 1 (mg/kg)	DAF 20 (mg/kg)
Acetaldehyde	75-07-0						2.20E-06	I	9.00E-03	I			1.39E+01	C	6.99E+01	C	7.77E+01	C	1.11E+00	C	2.21E+00	C		
Acetochlor	34256-82-1				2.00E-02	I					0	0.1	1.22E+03	N	4.09E+04	N	1.37E+04	N			7.30E+02	N		
Acetone	67-64-1				9.00E-01	I			3.10E+01	A	1		6.00E+04	N	1.00E+05	max	1.00E+05	max	3.23E+04	N	2.18E+04	N	8.00E-01	1.60E+01
Acetone cyanohydrin	75-86-5								2.00E-03	X	1		5.46E+01	N	2.29E+02	N	2.55E+02	N	2.09E+00	N	4.17E+00	N		
Acetonitrile	75-05-8								6.00E 02	I	1		1.47E+03	N	6.15E+03	N	6.84E+03	N	6.26E+01	N	1.25E+02	N		
Acetophenone	98-86-2				1.00E-01	I			4.00E-01	S	1		1.74E+03	sat	1.74E+03	sat	1.74E+03	sat	4.17E+02	N	6.79E+02	N		
Acetylaminofluorene, 2-	53-96-3	3.80E+00	C				1.30E-03	C			0	0.1	1.26E-01	C	1.51E+00	C	5.04E-01	C	1.87E-03	C	1.77E-02	C		
Acrolein	107-02-8				5.00E-04	I			2.00E-05	I	1		2.39E-01	N	1.01E+00	N	1.12E+00	N	2.09E-02	N	4.18E-02	N		
Acrylamide	79-06-1	5.10E-01	I	B2	2.00E-03	I	1.00E-04	I	6.00E-03	I	0	0.1	9.54E-01	C	1.12E+01	C	3.76E+00	C	2.43E-02	C	1.32E-01	C		
Acrylic acid	79-10-7				5.00E-01	I			1.00E-03	I	0	0.1	2.98E+04	N	1.00E+05	max	1.00E+05	max	1.04E+00	N	1.83E+04	N		
Acrylonitrile	107-13-1	5.40E-01	I	B1	1.00E-03	H	6.80E-05	I	2.00E-03	I	1		2.54E-01	C	1.41E+00	C	1.38E+00	C	3.58E-02	C	4.54E-02	C		
Alachlor	15972-60-8	8.05E-02	H		1.00E-02	I					0	0.1	6.04E+00	C	7.11E+01	C	2.38E+01	C			2.00E+00	mcl		
Alar	1596-84-5				1.50E-01	I					0	0.1	9.17E+03	N	1.00E+05	max	1.00E+05	max			5.48E+03	N		
Aldicarb	116-06-3				1.00E-03	I					0	0.1	6.11E+01	N	2.04E+03	N	6.84E+02	N			3.00E+00	mcl		
Aldicarb sulfone	1646-88-4				1.00E-03	I					0	0.1	6.11E+01	N	2.04E+03	N	6.84E+02	N			2.00E+00	mcl		
Aldicarb sulfoxide	1646-87-3										0	0.1									2.00E+00	mcl		
Aldrin	309-00-2	1.70E+01	I	B2	3.00E-05	I	4.90E-03	I			0	0.1	2.86E-02	C	3.37E-01	C	1.13E-01	C	4.97E-04	C	3.95E-03	C	2.00E-02	4.00E-01
Allyl chloride	107-05-1	2.10E-02	C		5.00E-02	H	6.00E-06	C	1.00E-03	I	1	0.1	7.04E-01	C	3.61E+00	C	3.89E+00	C	4.06E-01	C	6.47E-01	C		
Aluminum	7429-90-5				1.00E+00	P			5.00E-03	P	0		7.72E+04	N	1.00E+05	max	1.00E+05	max	5.21E+00	N	5.00E+01	mcl	7.50E+01	1.50E+03
Amdro	67485-29-4				3.00E-04	I					0	0.1	1.83E+01	N	6.13E+02	N	2.05E+02	N			1.10E+01	N		
Aminopyridine, 4-	504-24-5				2.00E-05	H					0	0.1	1.22E+00	N	4.09E+01	N	1.37E+01	N			7.30E-01	N		
Ammonia	7664-41-7								1.00E-01	I	n/a				1.00E+05	max	1.00E+05	max	1.04E+02	N	2.08E+02	N		
Ammonium Sulfamate	7773-06-0				2.00E-01	I					0		1.56E+04	N	1.00E+05	max	1.00E+05	max			7.30E+03	N		
Aniline	62-53-3	5.70E-03	I	B2	7.00E-03	P	1.60E-06	C	1.00E-03	I	0	0.1	8.53E+01	C	1.00E+03	C	3.36E+02	C	1.04E+00	N	1.18E+01	C		
Antimony and compounds	7440-36-0				4.00E-04	I					0		3.13E+01	N	8.18E+02	N	4.54E+02	N			6.00E+00	mcl	3.00E-01	6.00E+00
Antimony pentoxide	1314-60-9				5.00E-04	H					0		3.91E+01	N	1.02E+03	N	5.68E+02	N			1.83E+01	N		
Antimony tetroxide	1332-81-6				4.00E-04	H					0		3.13E+01	N	8.18E+02	N	4.54E+02	N			1.46E+01	N		
Antimony trioxide	1309-64-4				4.00E-04	H			2.00E-04	I	0		3.13E+01	N	8.17E+02	N	4.54E+02	N	2.09E-01	N	1.46E+01	N		
Arsenic (noncancer endpoint)	7440-38-2				3.00E-04	I	4.30E-03	I	1.50E-05	CA	0	0.03	2.16E+01	N	6.08E+02	N	2.83E+02	N	5.66E-04	C	1.00E+01	mcl		
Arsenic (cancer endpoint)	7440-38-2	1.50E+00	I	A	3.00E-04	I	4.30E-03	I	1.50E-05	CA	0	0.03	3.90E-01	C	3.81E+00	C	1.77E+00	C	5.66E-04	C	1.00E+01	mcl	1.00E+00	2.00E+01
Arsine	7784-42-1								5.00E-05	I	n/a				1.00E+05	max	1.00E+05	max	5.21E-02	N	1.04E-01	N		
Assure	76578-14-8				9.00E-03	I					0	0.1	5.50E+02	N	1.84E+04	N	6.16E+03	N			3.29E+02	N		
Atrazine	1912-24-9	2.22E-01	H		3.50E-02	H					0	0.1	2.19E+00	C	2.58E+01	C	8.63E+00	C			3.00E+00	mcl		
Azobenzene	103-33-3	1.10E-01	I	B2			3.10E-05	I			1	0.1	3.91E+00	C	3.98E+01	C	1.58E+01	C	7.85E-02	C	1.25E-01	C		
Barium and compounds	7440-39-3				2.00E-01	I			5.00E-04	H	0		1.53E+04	N	1.00E+05	max	1.00E+05	max	5.21E-01	N	2.00E+03	mcl	8.20E+01	1.64E+03
Baygon	114-26-1				4.00E-03	I					0	0.1	2.44E+02	N	8.18E+03	N	2.74E+03	N			1.46E+02	N		
Baythroid	68359-37-5				2.50E-02	I					0	0.1	1.53E+03	N	5.11E+04	N	1.71E+04	N			9.13E+02	N		
Bentazon	25057-89-0				3.00E-02	I					0	0.1	1.83E+03	N	6.13E+04	N	2.05E+04	N			1.10E+03	N		
Benzaldehyde	100-52-7				1.00E-01	I			4.00E-01	S	1	0.1	1.95E+03	sat	1.95E+03	sat	1.95E+03	sat	4.17E+02	N	6.79E+02	N		
Benzene	71-43-2	5.50E-02	I	A	4.00E-03	I	7.80E-06	I	3.00E-02	I	1		8.10E-01	C	4.21E+00	C	4.50E+00	C	3.12E-01	C	5.00E+00	mcl	2.00E-03	4.00E-02
Benzene sulfonic acid	98-11-3				5.00E-01	S					0		3.91E+04	N	1.00E+05	max	1.00E+05	max			1.83E+04	N		
Benzidine	92-87-5	2.30E+02	I	A	3.00E-03	I	6.70E-02	I			0	0.1	2.11E-03	C	2.49E-02	C	8.33E-03	C	3.83E-05	C	2.92E-04	C		
Benzoic acid	65-85-0				4.00E+00	I					0	0.1	1.00E+05	max	1.00E+05	max	1.00E+05	max			1.46E+05	N	2.00E+01	4.00E+02
Benzyl alcohol	100-51-6				5.00E-01	P					0	0.1	3.06E+04	N	1.00E+05	max	1.00E+05	max			1.83E+04	N		
Benzyl chloride	100-44-7	1.70E-01	I	B2	2.00E-03	P			1.00E-03	P	1		3.77E+00	C	3.37E+01	C	1.67E+01	C	1.04E+00	N	3.95E-01	C		
Beryllium and compounds	7440-41-7			B1	2.00E-03	I	2.40E-03	I	2.00E-05	I	0		1.55E+02	N	3.93E+03	N	2.23E+03	N	1.01E-03	C	4.00E+00	mcl	3.00E+00	6.00E+01
Biphenyl, 1,1'-	92-52-4				5.00E-02	I					1		3.91E+03	N	1.00E+05	max	5.68E+04	N			1.83E+03	N		
Bis(2-chloroethyl)ether	111-44-4	1.10E+00	I	B2			3.30E-04	I			1		2.44E-01	C	1.50E+00	C	1.30E+00	C	7.37E-03	C	1.19E-02	C	2.00E-05	4.00E-04
Bis(2-chloro-1-methylethyl) ether	108-60-1	7.00E-02	H		4.00E-02	I	1.00E-05	H			1		3.37E+00	C	2.03E+01	C	1.80E+01	C	2.43E-01	C	3.23E-01	C		
Bis(chloromethyl)ether	542-88-1	2.20E+02	I	A			6.20E-02	I			1		2.42E-04	C	1.27E-03	C	1.34E-03	C	3.92E-05	C	6.25E-05	C		
Bis(2-ethylhexyl)phthalate	117-81-7	1.40E-02	I	B2	2.00E-02	I					0	0.1	3.47E+01	C	4.09E+02	C	1.37E+02	C			6.00E+00	mcl	1.80E+02	3.60E+03
Boron	7440-42-8				2.00E-01	I			2.00E-02	H	0		1.56E+04	N	1.00E+05	max	1.00E+05	max	2.09E+01	N	7.30E+03	N	2.34E+01	4.67E+02
Boron trichloride	10294-34-5				2.00E+00	P			2.00E-02	P	0		1.00E+05	max	1.00E+05	max	1.00E+05	max	2.09E+01	N	7.30E+04	N	0.00E+00	0.00E+00
Boron trifluoride	7637-07-2				4.00E-02	C			1.30E-02	C	0		3.13E+03	N	8.17E+04	N	4.54E+04	N	1.36E+01	N	1.46E+03	N		
Bromobenzene	108-86-1				8.00E-03	I			6.00E-02	I	1		2.43E+02	N	6.95E+02	sat	6.95E+02	sat	6.26E+01	N	8.76E+01	N		
Bromodichloromethane	75-27-4	6.20E-02	I	B2	2.00E-02	I	3.70E-05	CA	1.00E+00	S	1		6.48E-01	C	3.36E+00	C	3.80E+00	C	6.58E-02	C	1.17E-01	C	3.00E-02	6.00E-01
Bromoform	75-25-2	7.90E-03	I	B2	2.00E-02	I	1.10E-06	I			0	0.1	6.16E+01	C	7.24E+02	C	2.42E+02	C	2.21E+00	C	8.51E+00	C	4.00E-02	8.00E-01
Bromomethane	74-83-9				1.40E-03	I			5.00E-03	I	1		8.70E+00	N	3.91E+01	N	4.29E+01	N	5.21E+00	N	8.86E+00	N	1.00E-02	2.00E-01
Bromophos	2104-96-3				5.00E-03	H					0	0.1	3.06E+02	N	1.02E+04	N	3.42E+03	N			1.83E+02	N		
Bromoxynil	1689-84-5				2.00E-02	I					0	0.1	1.22E+03	N	4.09E+04	N	1.37E+04	N			7.30E+02	N		
Butadiene, 1,3-	106-99-0	3.40E+00	CA	B2			3.00E-05	I	2.00E-03	I	1		5.52E-02	C	3.19E-01	C	2.98E-01	C	8.11E-02	C	1.76E-02	C		
Butanol, 1-	71-36-3				1.00E-01	I			3.00E+01	S	0	0.1	6.11E+03	N	1.00E+05	max	6.84E+04	N	3.13E+04	N	3.65E+03	N	9.00E-01	1.80E+01
Butylate	2008-41-5				5.00E-02	I					0	0.1	3.06E+03	N	1.00E+05	max	3.42E+04	N			1.83E+03	N		
tert-Butyl Alcohol	75-65-0								3.00E+01	S	1		2.13E+04	sat	2.13E+04	sat	2.13E+04	sat	3.13E+04	N	6.26E+04	N		
n-Butylbenzene	104-51-8				1.00E-02	N			4.00E-01	S	1		2.37E+02	sat	2.37E+02	sat	2.37E+02	sat	4.17E+02	N	2.54E+02	N		
sec-Butylbenzene	135-98-8				1.00E-02	N			4.00E-01	S	1		2.23E+02	sat	2.23E+02	sat	2.23E+02	sat	4.17E+02	N	2.54E+02	N		
tert-Butylbenzene	98-06-6				1.00E-02	N			4.00E-01	S	1		3.93E+02	sat	3.93E+02	sat	3.93E+02	sat	4.17E+02	N	2.54E+02	N		
Butyl benzyl phthalate	85-68-7	1.90E-03	P		2.00E-01	I					0	0.1	2.40E+02	sat	2.40E+02	sat	2.40E+02	sat			3.54E+01	C	8.10E+02	1.62E+04
Cadmium and compounds	7440-43-9				1.00E-03	I	1.80E-03	I	1.50E-05	O	0	0.001	7.77E+01	N	1.99E+03	N	1.11E+03	N	1.35E-03	C	5.00E+00	mcl	4.00E-01	8.00E+00
Caprolactam	105-60-2				5.00E-01	I					0	0.1	3.06E+04	N	1.00E+05	max	1.00E+05	max			1.83E+04	N		
Captan	133-06-2	3.50E-03	H		1.30E-01	I	8.60E-07	CA			0	0.1	1.39E+02	C	1.64E+03	C	5.47E+02	C	3.69E+00	C	1.92E+01	C		
Carbaryl	63-25-2				1.00E-01	I					0	0.1	6.11E+03	N	1.00E+05	max	6.84E+04	N			3.65E+03	N		
Carbazole	86-74-8	2.00E-02	H								0	0.1	2.43E+01	C	2.86E+02	C	9.58E+01	C			3.36E+00	C	3.00E-02	6.00E-01
Carbofuran	1563-66-2				5.00E-03	I					0	0.1	3.06E+02	N	1.02E+04	N	3.42E+03	N			4.00E+01	mcl		
Carbon disulfide	75-15-0				1.00E-01	I			7.00E-01	I	1		7.21E+02	sat	7.21E+02	sat	7.21E+02	sat	7.30E+02	N	1.04E+03	N	2.00E+00	4.00E+01
Carbon tetrachloride	56-23-5	7.00E-02	I	B2	4.00E-03	I	6.00E-06	I	1.00E-01	I	1		7.35E-01	C	3.84E+00	C	4.07E+00	C	4.06E-01	C	5.00E+00	mcl	3.00E-03	6.00E-02
Carbosulfan	55285-14-8				1.00E-02	I					0	0.1	6.11E+02	N	2.04E+04	N	6.84E+03	N			3.65E+02	N		
Chloral	302-17-0				1.00E-01	I					0	0.1	6.11E+03	N	1.00E+05	max	6.84E+04	N			3.65E+03	N		
Chloranil	118-75-2	4.03E-01	H								0	0.1	1.21E+00	C	1.42E+01	C	4.75E+00	C			1.67E-01	C		
Chlordane	57-74-9	3.50E-01	I	B2	5.00E-04	I	1.00E-04	I	7.00E-04	I	0	0.04	1.62E+00	C	1.64E+01	C	7.19E+00	C	2.43E-02	C	2.00E+00	mcl	5.00E-01	1.00E+01
Chlorine	7782-50-5				1.00E-01	I			1.50E-04	A	0		7.51E+03	N	1.00E+05	max	1.00E+05	max	1.56E-01	N	4.00E+03	N		

a = Comparison Levels Based on EPA Models, IEUBK (USEPA, 1994) and TRW (USEPA, 1996), Tap Water Comparison Level = MCL

b = Tap Water Comparison Level Based on Infant NOAEL (see IRIS).

c = 1, Volatile chemical; 0 nonvolatile chemical.

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Key: C = Cancer endpoint; N = Noncancer endpoint; sat = Saturation Limit; max = Ceiling Limit

NDEP Basic Comparison Levels Jan-13		TOXICITY INFORMATION											COMPARISON LEVELS										LBCLs	
Chemical Constituents	CAS Number	SFo 1/(mg/kg-d)	Key	CANCER CLASS	RfDo (mg/kg-d)	Key	IUR (ug/m3)-1	Key	RfCi (mg/m3)	Key	VOC[c]	Skin Abs. Soils	Residential Soil (mg/kg)	Key	Indoor Industrial/ Commercial Worker w/o Dermal (mg/kg)	Key	Outdoor Industrial/ Commercial Worker Soil (mg/kg)	Key	Ambient Air (µg/m³)	Key	Residential Water (µg/l)	Key	DAF 1 (mg/kg)	DAF 20 (mg/kg)
Chlorine dioxide	10049-04-4				3.00E-02	I			2.00E-04	I	n/a		2.35E+03	N	5.79E+04	N	3.31E+04	N	2.09E-01	N	4.17E-01	N		
Chloroacetic acid	79-11-8				2.00E-03	H					0	0.1	1.22E+02	N	4.09E+03	N	1.37E+03	N			7.30E+01	N		

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Chloroaniline, 4-	106-47-8	2.00E-01	P		4.00E-03	I					0	0.1	2.43E+00	C	2.86E+01	C	9.58E+00	C			3.36E-01	C	3.00E-02	6.00E-01
Chlorobenzene	108-90-7				2.00E-02	I			5.00E-02	P	1		2.73E+02	N	6.95E+02	sat	6.95E+02	sat	5.21E+01	N	1.00E+02	mcl	7.00E-02	1.40E+00
p-Chlorobenzene sulfonic acid	98-66-8				1.00E+00	O					1		1.17E+02	sat	1.17E+02	sat	1.17E+02	sat			3.65E+04	N	7.00E-02	1.40E+00
Chlorobenzilate	510-15-6	2.70E-01	H		2.00E-02	I	3.10E-05	CA			0	0.1	1.80E+00	C	2.12E+01	C	7.09E+00	C	7.85E-02	C	2.49E-01	C		
p-Chlorobenzoic acid	74-11-3				2.00E-01	H					0	0.1	1.22E+04	N	1.00E+05	max	1.00E+05	max			7.30E+03	N		
Chlorobenzotrifluoride, 4-	98-56-6				3.00E-03	P			3.00E-01	P	1	0.1	1.71E+02	N	5.45E+02	sat	5.45E+02	sat	3.13E+02	N	9.32E+01	N		
Chloro-1,3-butadiene, 2-	126-99-8				2.00E-02	H			7.00E-03	H	1		8.45E+00	N	3.56E+01	N	3.96E+01	N	7.30E+00	N	1.43E+01	N		
Chlorobutane, 1-	109-69-3				4.00E-02	P			1.00E+01	S	1		4.77E+02	sat	4.77E+02	sat	4.77E+02	sat	1.04E+04	N	1.36E+03	N		
Chloro-1,1-difluoroethane, 1-	75-68-3				1.43E+01	r			5.00E+01	I	1		3.40E+02	sat	3.40E+02	sat	3.40E+02	sat	5.21E+04	N	6.69E+04	N		
Chloroethanol, 2-	107-07-3				2.00E-02	P					0	0.1	1.22E+03	N	4.09E+04	N	1.37E+04	N			7.30E+02	N		
Chlorodifluoromethane	75-45-6				1.40E+01	r			5.00E+01	I	1		3.40E+02	sat	3.40E+02	sat	3.40E+02	sat	5.21E+04	N	8.66E+04	N		
Chloroform	67-66-3	3.10E-02	CA	B2	1.00E-02	I	2.30E-05	I	9.80E-02	A	1		3.06E-01	C	1.55E+00	C	1.71E+00	C	1.06E-01	C	1.93E-01	C	3.00E-02	6.00E-01
Chloromethane	74-87-3			D			1.80E-06	H	9.00E-02	I	1		1.60E+00	C	8.05E+00	C	8.95E+00	C	1.35E+00	C	2.70E+00	C		
Chloro-2-methylaniline, 4-	95-69-2	5.80E-01	H				7.70E-05	CA			0	0.1	6.39E-01	C	9.87E+00	C	3.30E+00	C	3.16E-02	C	1.16E-01	C		
Chloro-2-methylaniline HCl, 4-	3165-93-3	4.60E-01	H								0	0.1	1.06E+00	C	1.24E+01	C	4.16E+00	C			1.46E-01	C		
beta-Chloronaphthalene	91-58-7				8.00E-02	I			1.00E-03	O	1		8.26E+01	N	3.51E+02	N	3.69E+02	N	1.04E+00	N	2.08E+00	N		
o-Chloronitrobenzene	88-73-3	3.00E-01	P		3.00E-03	P			7.00E-05	P	0		2.13E+00	C	1.91E+01	C	1.06E+01	C	7.30E-02	N	2.24E-01	C		
p-Chloronitrobenzene	100-00-5	6.30E-03	P		1.00E-03	P			6.00E-04	P	0		7.82E+01	N	5.06E+02	sat	5.05E+02	C	6.26E-01	N	1.07E+01	C		
Chlorophenol, 2-	95-57-8				5.00E-03	I			5.00E-02	S	1		2.20E+02	N	1.76E+03	N	1.67E+03	N	5.21E+01	N	6.64E+01	N	2.00E-01	4.00E+00
Chloropropene, 2-	75-29-6										1		1.14E+03	sat	1.14E+03	sat	1.14E+03	sat						
o-Chlorotoluene	95-49-8				2.00E-02	I			5.00E-02	S	1		2.48E+02	N	5.11E+02	sat	5.11E+02	sat	5.21E+01	N	9.13E+01	N		
Chlorpyrifos	2921-88-2				3.00E-03	I					0	0.1	1.83E+02	N	6.13E+03	N	2.05E+03	N			1.10E+02	N		
Chlorpyrifos-methyl	5598-13-0				1.00E-02	H					0	0.1	6.11E+02	N	2.04E+04	N	6.84E+03	N			3.65E+02	N		
Chromium III	16065-83-1				1.50E+00	I					0		1.00E+05	max	1.00E+05	max	1.00E+05	max			1.00E+02	mcl		
Chromium VI	18540-29-9			A	3.00E-03	I	1.20E-02	I	1.00E-04	I	0		2.34E+02	N	1.23E+03	C	1.36E+03	C	2.03E-04	C	1.00E+02	mcl	2.00E+00	4.00E+01
Cobalt	7440-48-4				3.00E-04	P	9.00E-03	P	6.00E-06	P	0		2.34E+01	N	6.02E+02	N	3.37E+02	N	2.70E-04	C	1.10E+01	N	4.95E-01	9.90E+00
Coke Oven Emissions	8007-45-2						6.20E-04	I			0		4.71E+03	C	2.37E+04	C	2.64E+04	C	3.92E-03	C				
Copper and compounds	7440-50-8				3.71E-02	H					0		2.91E+03	N	7.59E+04	N	4.22E+04	N			1.30E+03	mcl	4.58E+01	9.15E+02
Crotonaldehyde	123-73-9	1.90E+00	H								1		3.37E-01	C	3.01E+00	C	1.67E+00	C			3.54E-02	C		
Cumene (isopropylbenzene)	98-82-8				1.00E-01	I			4.00E-01	I	1		3.71E+02	N	6.47E+02	sat	6.47E+02	sat	4.17E+02	N	6.79E+02	N		
Cyanazine	21725-46-2	8.40E-01	H		2.00E-03	H					0	0.1	5.79E-01	C	6.81E+00	C	2.28E+00	C			8.00E-02	C		
Cyanides																								
Barium cyanide	542-62-1				1.00E-01	H					0	0.1	6.11E+03	N	1.00E+05	max	6.84E+04	N			3.65E+03	N		
Calcium cyanide	592-01-8				4.00E-02	I					0	0.1	2.44E+03	N	8.18E+04	N	2.74E+04	N			1.46E+03	N		
Copper cyanide	544-92-3				5.00E-03	I					0	0.1	3.06E+02	N	1.02E+04	N	3.42E+03	N			1.83E+02	N		
Cyanogen	460-19-5				4.00E-02	I					1		1.39E+03	sat	1.39E+03	sat	1.39E+03	sat			1.46E+03	N		
Cyanogen bromide	506-68-3				9.00E-02	I					1		7.04E+03	N	1.00E+05	max	1.00E+05	max			3.29E+03	N		
Cyanogen chloride	506-77-4				5.00E-02	I					1		3.91E+03	N	4.28E+03	sat	4.28E+03	sat			1.83E+03	N		
Cyanide (CN-)	57-12-5				8.00E-04	I			8.00E-04	I	1	0.1	5.71E+00	N	2.78E+01	N	2.93E+01	N	8.34E-01	N	2.00E+02	mcl	2.00E+00	4.00E+01
Hydrogen cyanide	74-90-8				6.00E-04	I			8.00E-04	I	1		5.92E+00	N	2.78E+01	N	3.02E+01	N	8.34E-01	N	1.55E+00	N		
Potassium cyanide	151-50-8				5.00E-02	I					0	0.1	3.06E+03	N	1.00E+05	max	3.42E+04	N			1.83E+03	N		
Potassium silver cyanide	506-61-6				2.00E-01	I					0	0.1	1.22E+04	N	1.00E+05	max	1.00E+05	max			7.30E+03	N		
Silver cyanide	506-64-9				1.00E-01	I					0	0.1	6.11E+03	N	1.00E+05	max	6.84E+04	N			3.65E+03	N		
Sodium cyanide	143-33-9				4.00E-02	I					0	0.1	2.44E+03	N	8.18E+04	N	2.74E+04	N			1.46E+03	N		
Zinc cyanide	557-21-1				5.00E-02	I					0	0.1	3.06E+03	N	1.00E+05	max	3.42E+04	N			1.83E+03	N		
Cyclohexane	110-82-7								6.00E+00	I	1		1.43E+02	sat	1.43E+02	sat	1.43E+02	sat	6.26E+03	N	1.25E+04	N		
Cyclohexanone	108-94-1				5.00E+00	I					0	0.1	1.00E+05	max	1.00E+05	max	1.00E+05	max			1.83E+05	N		
Cyclohexene	110-83-8				5.00E-03	P			1.00E+00	X	1		2.82E+02	sat	2.82E+02	sat	2.92E+02	sat	1.04E+03	N	1.68E+02	N		
Cyhalothrin/Karate	68085-85-8				5.00E-03	I					0	0.1	3.06E+02	N	1.02E+04	N	3.42E+03	N			1.83E+02	N		
Cypermethrin	52315-07-8				1.00E-02	I					0	0.1	6.11E+02	N	2.04E+04	N	6.84E+03	N			3.65E+02	N		
Decthal	1861-32-1				1.00E-02	I					0	0.1	6.11E+02	N	2.04E+04	N	6.84E+03	N			3.65E+02	N		
Dalapon	75-99-0				3.00E-02	I					0	0.1	1.83E+03	N	6.13E+04	N	2.05E+04	N			2.00E+02	mcl		
DDD	72-54-8	2.40E-01	I	B2			6.90E-05	CA			0	0.03	2.44E+00	C	2.38E+01	C	1.11E+01	C	3.53E-02	C	2.80E-01	C	8.00E-01	1.60E+01
DDE	72-55-9	3.40E-01	I	B2			9.70E-05	CA			0	0.03	1.72E+00	C	1.68E+01	C	7.81E+00	C	2.51E-02	C	1.98E-01	C	3.00E+00	6.00E+01
DDT	50-29-3	3.40E-01	I	B2	5.00E-04	I	9.70E-05	I			0	0.03	1.72E+00	C	1.68E+01	C	7.81E+00	C	2.51E-02	C	1.98E-01	C	2.00E+00	4.00E+01
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	7.00E-04	I		7.00E-03	I					0	0.1	4.28E+02	N	8.18E+03	C	2.74E+03	C			9.90E+01	C		
Diazinon	333-41-5				9.00E-04	H					0	0.1	5.50E+01	N	1.84E+03	N	6.16E+02	N			3.29E+01	N		
Dibenzofuran	132-64-9				2.00E-03	N					1		1.56E+02	N	4.09E+03	N	2.27E+03	N			7.30E+01	N		
1,4-Dibromobenzene	106-37-6				1.00E-02	I					0	0.1	6.11E+02	N	2.04E+04	N	6.84E+03	N			3.65E+02	N		
Dibromochloromethane	124-48-1	8.40E-02	I	C	2.00E-02	I	2.70E-05	CA			1		1.12E+00	C	6.03E+00	C	6.15E+00	C	9.01E-02	C	1.47E-01	C	2.00E-02	4.00E-01
1,2-Dibromo-3-chloropropane	96-12-8	8.00E-01	P		2.00E-04	P	6.00E-03	P	2.00E-04	I	1		1.04E-02	C	5.29E-02	C	5.83E-02	C	4.06E-04	C	2.00E-01	C		
1,2-Dibromoethane	106-93-4	2.00E+00	I		9.00E-03	I	6.00E-04	I	9.00E-03	I	1		3.35E-02	C	1.77E-01	C	1.85E-01	C	4.06E-03	C	5.00E-02	C		
Dibutyl phthalate	84-74-2				1.00E-01	I					0	0.1	6.11E+03	N	1.00E+05	max	6.84E+04	N			3.65E+03	N	2.70E+02	5.40E+03
Dicamba	1918-00-9				3.00E-02	I					0	0.1	1.83E+03	N	6.13E+04	N	2.05E+04	N			1.10E+03	N		
1,2-Dichlorobenzene	95-50-1				9.00E-02	I			2.00E-01	H	1		3.73E+02	sat	3.73E+02	sat	3.73E+02	sat	2.09E+02	N	6.00E+02	mcl	9.00E-01	1.80E+01
1,3-Dichlorobenzene	541-73-1				3.00E-03	N			2.00E-01	S	1		2.14E+02	N	3.73E+02	sat	3.73E+02	sat	2.09E+02	N	6.67E+01	N		
1,4-Dichlorobenzene	106-46-7	2.40E-02	H		7.00E-02	A	1.10E-05	CA	8.00E-01	I	1		2.59E+00	C	1.38E+01	C	1.43E+01	C	2.21E-01	C	7.50E+01	mcl	1.00E-01	2.00E+00
3,3-Dichlorobenzidine	91-94-1	4.50E-01	I	B2			3.40E-04	CA			0	0.1	1.08E+00	C	1.27E+01	C	4.26E+00	C	7.16E-03	C	1.49E-01	C	3.00E-04	6.00E-03
4,4-Dichlorobenzil	3457-46-3				3.00E-04	O					0		2.35E+01	N	6.13E+02	N	3.41E+02	N			1.10E+01	N	3.00E-04	6.00E-03
1,4-Dichloro-2-butene	764-41-0	9.30E+00	r				4.20E-03	P			1		6.50E-03	C	3.41E-02	C	3.59E-02	C	5.79E-04	C	9.98E-04	C		
Dichlorodifluoromethane	75-71-8				2.00E-01	I			2.00E-01	H	1		2.18E+02	N	3.40E+02	sat	3.40E+02	sat	2.09E+02	N	3.95E+02	N		
1,1-Dichloroethane	75-34-3	5.70E-03	CA		2.00E-01	P	1.60E-06	CA			1		4.19E+00	C	2.14E+01	C	2.33E+01	C	1.52E+00	C	2.42E+00	C	1.00E+00	2.00E+01
1,2-Dichloroethane (EDC)	107-06-2	9.10E-02	I	B2	2.00E-02	N	2.60E-05	I	2.40E+00	A	1		4.33E-01	C	2.24E+00	C	2.41E+00	C	9.36E-02	C	5.00E+00	mcl	1.00E-03	2.00E-02
1,1-Dichloroethylene	75-35-4				5.00E-02	I			2.00E-01	I	1		2.85E+02	N	1.27E+03	N	1.40E+03	N	2.09E+02	N	7.00E+00	mcl	3.00E-03	6.00E-02
1,2-Dichloroethylene (cis)	156-59-2				1.00E-02	p			6.00E-02	S	1		1.46E+02	N	7.37E+02	N	7.91E+02	N	6.26E+01	N	7.00E+01	mcl	2.00E-02	4.00E-01
1,2-Dichloroethylene (trans)	156-60-5				2.00E-02	I			6.00E-02	P	1		1.22E+02	N	5.47E+02	N	6.00E+02	N	6.26E+01	N	1.00E+02	mcl	3.00E-02	6.00E-01
2,4-Dichlorophenol	120-83-2				3.00E-03	I					0	0.1	1.83E+02	N	6.13E+03	N	2.05E+03	N			1.10E+02	N	5.00E-02	1.00E+00
4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	94-82-6				8.00E-03	I					0	0.1	4.89E+02	N	1.64E+04	N	5.47E+03	N			2.92E+02	N		
2,4-Dichlorophenoxyacetic Acid (2,4-D)	94-75-7				1.00E-02	I					0	0.05	6.86E+02	N	2.04E+04	N	8.54E+03	N			7.00E+01	mcl		
1,2-Dichloropropane	78-87-5	6.80E-02	H		9.00E-02	A	1.00E-05	CA	4.00E-03	I	1		8.20E-01	C	4.29E+00	C	4.54E+00	C	2.43E-01	C	5.00E+00	mcl	1.00E-03	2.00E-02
1,3-Dichloropropane	142-28-9				2.00E-02	P			4.00E-03	S	1		1.52E+01	N	6.48E+01	N	7.16E+01	N	4.17E+00	N	8.25E+00	N	1.00E-03	2.00E-02

a = Comparison Levels Based on EPA Models, IEUBK (USEPA, 1994) and TRW (USEPA, 1996), Tap Water Comparison Level = MCL

b = Tap Water Comparison Level Based on Infant NOAEL (See IRIS).

c = 1, Volatile chemical; 0 nonvolatile chemical.

Nevada Division of Environmental Protection
Basic Comparison Levels

Key: I=IRIS; P=PPRTV; N=NCEA; H=HEAST; CA=CalEPA; A=ATSDR, O=Other Document; S=Surrogate; x=withdrawn; *=see BCL Guidance Document

Key: C = Cancer endpoint; N = Noncancer endpoint; sat = Saturation Limit; max = Ceiling Limit

NDEP Basic Comparison Levels Jan-13		TOXICITY INFORMATION											COMPARISON LEVELS										LBCLs	
Chemical Constituents	CAS Number	SFo 1/(mg/kg-d)	Key	CANCER CLASS	RfDo (mg/kg-d)	Key	IUR (ug/m3)-1	Key	RfCi (mg/m3)	Key	VOC[c]	Skin Abs. Soils	Residential Soil (mg/kg)	Key	Indoor Industrial/ Commercial Worker w/o Dermal (mg/kg)	Key	Outdoor Industrial/ Commercial Worker Soil (mg/kg)	Key	Ambient Air (µg/m³)	Key	Residential Water (µg/l)	Key	DAF 1 (mg/kg)	DAF 20 (mg/kg)
1,3-Dichloropropene	542-75-6	1.00E-01	I	B2	3.00E-02	I	4.00E-06	I	2.00E-02	I	1		8.58E-01	C	4.59E+00	C	4.72E+00	C	8.08E-01	C	4.33E-01	C	2.00E-04	4.00E-03
2,3-Dichloropropanol	616-23-9				3.00E-03	I					0	0.1	1.83E+02	N	6.13E+03	N	2.05E+03	N			1.10E+02	N		
1,2-Dichlorotetrafluorethane	1717-00-6								3.00E+01	S	1		1.18E+03	sat	1.18E+03	sat	1.18E+03	sat	3.13E+04	N	6.28E+04	N		
Dichlorvos	62-73-7	2.90E-01	I	B2	5.00E-04	I	6.30E-05	CA	5.00E-04	I	0	0.1	1.68E+00	C	1.97E+01	C	6.60E+00	C	2.93E-02	C	2.32E-01	C		
Dicofol	115-32-2	4.40E-01	x								0	0.1	1.11E+00	C	1.30E+01	C	4.35E+00	C			1.53E-01	C		
Dicyclopentadiene	77-73-6				8.00E-03	p			7.00E-03	P	1		4.16E+01	N	1.85E+02	N	2.03E+02	N	7.30E+00	N	1.39E+01	N		
Dieldrin	60-57-1	1.60E+01	I	B2	5.00E-05	I	4.60E-03	I			0	0.1	3.04E-02	C	3.58E-01	C	1.20E-01	C	5.29E-04	C	4.20E-03	C	2.00E-04	4.00E-03
Diethanolamine	111-42-2				2.00E-03	P			2.00E-04	P	0	0.1	1.22E+02	N	4.07E+03	N	1.37E+03	N	2.09E-01	N	7.30E+01	N		
Diethylene glycol, monobutyl ether	112-34-5				1.00E-02	P			2.00E-02	P	0	0.1	6.11E+02	N	2.04E+04	N	6.84E+03	N	2.09E+01	N	3.65E+02	N		
Diethylene glycol, monoethyl ether	111-90-0				6.00E-02	P			3.00E-03	P	0	0.1	3.66E+03	N	1.00E+05	max	4.09E+04	N	3.13E+00	N	2.19E+03	N		
Di(2-ethylhexyl)adipate	103-23-1	1.20E-03	I	C	6.00E-01	I					0	0.1	4.05E+02	C	4.77E+03	C	1.60E+03	C			4.00E+02	mcl		
Diethyl phthalate	84-66-2				8.00E-01	I					0	0.1	4.89E+04	N	1.00E+05	max	1.00E+05	max			2.92E+04	N		
Diethyl phosphorodithioate	298-06-6				8.00E-02	S							6.26E+03	N	1.00E+05	max	9.08E+04	N			2.92E+03	N		
Diethylstilbestrol	56-53-1	4.70E+03	H				1.00E-01	CA			0	0.1	1.03E-04	C	1.22E-03	C	4.08E-04	C	2.43E-05	C	1.43E-05	C		
Difenzoquat (Avenge)	43222-48-6				8.00E-02	I					0	0.1	4.89E+03	N	1.00E+05	max	5.47E+04	N			2.92E+03	N		
1,1-Difluoroethane	75-37-6				1.14E+01	R			4.00E+01	I	1		1.43E+03	sat	1.43E+03	sat	1.43E+03	sat	4.17E+04	N	6.95E+04	N		
Diisopropyl methylphosphonate	1445-75-6				6.00E-02	I					1	0.1	4.32E+02	sat	4.32E+02	sat	4.32E+02	sat			2.92E+03	N		
3,3'-Dimethoxybenzidine	119-90-4	1.40E-02	H								0	0.1	3.47E+01	C	4.09E+02	C	1.37E+02	C			4.80E+00	C		
Dimethylamine	124-40-3										1		1.00E+05	max	1.00E+05	max	1.00E+05	max						
N-N-Dimethylaniline	121-69-7				2.00E-03	I			1.00E-03	S	1	0.1	2.76E+01	N	1.44E+02	N	1.48E+02	N	1.04E+00	N	2.03E+00	N		
2,4-Dimethylaniline	95-68-1	2.00E-01	P								0	0.1	2.43E+00	C	2.86E+01	C	9.58E+00	C			3.36E-01	C		
2,4-Dimethylaniline hydrochloride	21436-96-4	5.80E-01	H								0	0.1	8.39E-01	C	9.87E+00	C	3.30E+00	C			1.16E-01	C		
3,3'-Dimethylbenzidine	119-93-7	1.10E+01	P								0	0.1	4.42E-02	C	5.20E-01	C	1.74E-01	C			6.11E-03	C		
1,2-Dimethylhydrazine	540-73-8	5.50E+02	CA				1.60E-01	CA			0	0.1	8.84E-04	C	1.04E-02	C	3.48E-03	C	1.52E-05	C	1.22E-04	C		
Dimethylphenethylamine	122-09-8				1.00E-03	N					0	0.1	6.11E+01	N	2.04E+03	N	6.84E+02	N			3.65E+01	N		
2,4-Dimethylphenol	105-67-9				2.00E-02	I					0	0.1	1.22E+03	N	4.09E+04	N	1.37E+04	N			7.30E+02	N	4.00E-01	8.00E+00
2,6-Dimethylphenol	576-26-1				6.00E-04	I					0	0.1	3.67E+01	N	1.23E+03	N	4.10E+02	N			2.19E+01	N		
3,4-Dimethylphenol	95-65-8				1.00E-03	I					0	0.1	6.11E+01	N	2.04E+03	N	6.84E+02	N			3.65E+01	N		
Dimethyl phthalate	131-11-3				1.00E+01	H					0	0.1	1.00E+05	max	1.00E+05	max	1.00E+05	max			3.65E+05	N		
Dimethyl phosphorodithioate	756-80-9				1.00E-01	S							7.82E+03	N	1.00E+05	max	1.00E+05	max			3.65E+03	N		
4,6-Dinitro-o-cyclohexyl phenol	131-89-5				2.00E-03	I					0	0.1	1.22E+02	N	4.09E+03	N	1.37E+03	N			7.30E+01	N		
1,2-Dinitrobenzene	528-29-0				1.00E-04	P					0	0.1	6.11E+00	N	2.04E+02	N	6.84E+01	N			3.65E+00	N		
1,3-Dinitrobenzene	99-65-0				1.00E-04	I					0	0.1	6.11E+00	N	2.04E+02	N	6.84E+01	N			3.65E+00	N		
1,4-Dinitrobenzene	100-25-4				1.00E-04	P					0	0.1	6.11E+00	N	2.04E+02	N	6.84E+01	N			3.65E+00	N		
2,4-Dinitrophenol	51-28-5				2.00E-03	I					0	0.1	1.22E+02	N	4.09E+03	N	1.37E+03	N			7.30E+01	N	1.00E-02	2.00E-01
Dinitrotoluene mixture	25321-14-6	8.80E-01	I	B2							0	0.1	7.15E-01	C	8.42E+00	C	2.82E+00	C			9.89E-02	C	4.00E-05	8.00E-04
2,4-Dinitrotoluene	121-14-2	3.10E-01	CA		2.00E-03	I	8.90E-05	CA			0	0.1	1.57E+00	C	1.85E+01	C	6.18E+00	C	2.73E-02	C	2.17E-01	C	4.00E-05	8.00E-04
2,6-Dinitrotoluene	606-20-2				1.00E-03	P					0	0.1	6.11E+01	N	2.04E+03	N	6.84E+02	N			3.65E+01	N	3.00E-05	6.00E-04
Dinoseb	88-85-7				1.00E-03	I					0	0.1	6.11E+01	N	2.04E+03	N	6.84E+02	N			7.00E+00	mcl		
1,4-Dioxane	123-91-1	1.00E-01	I	B2	3.00E-02	I	7.70E-06	CA	3.60E+00	CA	0	0.1	4.86E+00	C	5.72E+01	C	1.92E+01	C	3.16E-01	C	6.72E-01	C		
Diphenylamine	122-39-4				2.50E-02	I					0	0.1	1.53E+03	N	5.11E+04	N	1.71E+04	N			9.13E+02	N		
1,2-Diphenylhydrazine	122-66-7	8.00E-01	I	B2			2.20E-04	I			0	0.1	6.08E-01	C	7.15E+00	C	2.39E+00	C	1.11E-02	C	8.40E-02	C		
Diphenyl sulfone	127-63-9				3.00E-03	P					0	0.1	1.83E+02	N	6.13E+03	N	2.05E+03	N			1.10E+02	N		
Diquat	85-00-7				2.20E-03	I					0	0.1	1.34E+02	N	4.50E+03	N	1.50E+03	N			2.00E+01	mcl		
Disulfoton	298-04-4				4.00E-05	I					0	0.1	2.44E+00	N	8.18E+01	N	2.74E+01	N			1.46E+00	N		
1,4-Dithiane	505-29-3				1.00E-02	I					0	0.1	6.11E+02	N	2.04E+04	N	6.84E+03	N			3.65E+02	N		
Diuron	330-54-1				2.00E-03	I					0	0.1	1.22E+02	N	4.09E+03	N	1.37E+03	N			7.30E+01	N		
Endosulfan	115-29-7				6.00E-03	I					0	0.1	3.67E+02	N	1.23E+04	N	4.10E+03	N			2.19E+02	N	9.00E-01	1.80E+01
Endothall	145-73-3				2.00E-02	I					0	0.1	1.22E+03	N	4.09E+04	N	1.37E+04	N			1.00E+02	mcl		
Endrin	72-20-8				3.00E-04	I					0	0.1	1.83E+01	N	6.13E+02	N	2.05E+02	N			2.00E+00	mcl	5.00E-02	1.00E+00
Epichlorohydrin	106-89-8	9.90E-03	I	B2	6.00E-03	P	1.20E-06	I	1.00E-03	I	1		1.79E+01	N	7.75E+01	N	8.58E+01	N	1.04E+00	N	2.07E+00	N		
Ethanol	64-17-5								1.00E+02	S	1		1.00E+05	max	1.00E+05	max	1.00E+05	max	1.04E+05	N	2.09E+05	N		
Ethion	563-12-2				5.00E-04	I					0	0.1	3.06E+01	N	1.02E+03	N	3.42E+02	N			1.83E+01	N		
2-Ethoxyethanol	110-80-5				4.00E-01	H			2.00E-01	I	0	0.1	2.44E+04	N	1.00E+05	max	1.00E+05	max	2.09E+02	N	1.46E+04	N		
2-Ethoxyethanol acetate	111-15-9				3.00E-01	H			3.00E-01	CA	0	0.1	1.83E+04	N	1.00E+05	max	1.00E+05	max	3.13E+02	N	1.10E+04	N		
Ethyl acetate	141-78-6				9.00E-01	I			7.00E-01	S	1		1.11E+04	N	3.66E+04	sat	3.66E+04	sat	7.30E+02	N	1.40E+03	N		
Ethylbenzene	100-41-4	1.10E-02	CA		1.00E-01	I	2.50E-06	CA	1.00E+00	I	1		3.79E+00	C	1.96E+01	C	2.10E+01	C	9.73E-01	C	7.00E+02	mcl	7.00E-01	1.40E+01
Ethyl chloride	75-00-3	2.90E-03	N		4.00E-01	N			1.00E+01	I	1		2.21E+02	C	1.55E+03	sat	1.10E+03	C	1.04E+04	N	2.32E+01	C		
Ethylene cyanohydrin	109-78-4				7.00E-02	P					0	0.1	4.28E+03	N	1.00E+05	max	4.79E+04	N			2.56E+03	N		
Ethylene diamine	107-15-3				9.00E-02	P					0	0.1	5.50E+03	N	1.00E+05	max	6.16E+04	N			3.29E+03	N		
Ethylene glycol	107-21-1				2.00E+00	I			4.00E-01	CA	0	0.1	1.00E+05	max	1.00E+05	max	1.00E+05	max	4.17E+02	N	7.30E+04	N		
Ethylene glycol, monobutyl ether	111-76-2				1.00E-01	I			1.60E+00	I	0	0.1	6.11E+03	N	1.00E+05	max	6.84E+04	N	1.67E+03	N	3.65E+03	N		
Ethylene oxide	75-21-8	1.02E+00	H				8.80E-05	CA	3.00E-02	CA	1		1.84E-01	C	1.06E+00	C	9.93E-01	C	2.77E-02	C	3.01E-02	C		
Ethylene thiourea (ETU)	96-45-7	1.10E-01	H		8.00E-05	I	1.30E-05	CA			0	0.1	4.42E+00	C	5.20E+01	C	1.74E+01	C	1.87E-01	C	6.11E-01	C		
Ethyl ether	60-29-7				2.00E-01	I			3.00E+00	S	1		1.84E+03	sat	1.84E+03	sat	1.84E+03	sat	3.13E+03	N	3.37E+03	N		
Ethyl methacrylate	97-63-2				9.00E-02	H			7.00E-01	S	1		1.40E+02	sat	1.40E+02	sat	1.40E+02	sat	7.30E+02	N	1.01E+03	N		
para-Ethyltoluene	622-96-8								4.00E-01	S	1		3.89E+02	N	6.47E+02	sat	6.47E+02	sat	4.17E+02	N	4.00E+03	N		
Fenamiphos	22224-92-6				2.50E-04	I					0	0.1	1.53E+01	N	5.11E+02	N	1.71E+02	N			9.13E+00	N		
Fluometuron	2164-17-2				1.30E-02	I					0	0.1	7.94E+02	N	2.65E+04	N	8.89E+03	N			4.75E+02	N		
Fluoride	16984-48-8				6.00E-02	I					0	0.1	3.67E+03	N	1.00E+05	max	4.10E+04	N			4.00E+03	mcl		
Fomesafen	72178-02-0	1.90E-01	I	CA							0	0.1	2.56E+00	C	3.01E+01	C	1.01E+01	C			3.54E-01	C		
Fonofos	944-22-9				2.00E-03	I					0	0.1	1.22E+02	N	4.09E+03	N	1.37E+03	N			7.30E+01	N		
Formaldehyde	50-00-0	4.60E-02	r		2.00E-01	I	1.30E-05	I	9.60E-03	A	0	0.1	1.08E+01	C	1.24E+02	C	4.16E+01	C	1.87E-01	C	1.46E+00	C		
Formic Acid	64-18-6				2.00E+00	H			3.00E-03	P	0	0.1	1.00E+05	max	1.00E+05	max	1.00E+05	max	3.13E+00	N	7.30E+04	N		
Furan	110-00-9				1.00E-03	I			3.50E-02	S	1		3.44E+01	N	2.29E+02	N	2.29E+02	N	3.85E+01	N	2.43E+01	N		
Furazolidone	67-45-8	3.80E+00	H								0	0.1	1.28E-01	C	1.51E+00	C	5.04E-01	C			1.77E-02	C		
Furfural	98-01-1				3.00E-03	I			5.00E-02	H	0	0.1	1.83E+02	N	6.13E+03	N	2.05E+03	N	5.21E+01	N	1.10E+02	N		
Glycidaldehyde	765-34-4				4.00E-04	I			1.00E-03	H	0	0.1	2.44E+01	N	8.17E+02	N	2.74E+02	N	1.04E+00	N	1.46E+01	N		
Glyphosate	1071-83-6				1.00E-01	I					0	0.1	6.11E+03	N	1.00E+05	max	6.84E+04	N			7.00E+02	mcl		

a = Comparison Levels Based on EPA Models, IEUBK (USEPA, 1994) and TRW (USEPA, 1996), Tap Water Comparison Level = MCL.
b = Tap Water Comparison Level Based on Infant NOAEL (see IRIS).
c = 1, Volatile chemical; 0 nonvolatile chemical.

Nevada Division of Environmental Protection
Basic Comparison Levels

Key: I=IRIS; P=PPRTV; N=NCEA; H=HEAST; CA=CalEPA; A=ATSDR; O=Other Document; S=Surrogate; x=withdrawn; *=see BCL Guidance Document

Key: C = Cancer endpoint; N = Noncancer endpoint; sat = Saturation Limit; max = Ceiling Limit

NDEP Basic Comparison Levels Jan-13 Chemical Constituents	CAS Number	TOXICITY INFORMATION SFo 1/(mg/kg-d)	Key	CANCER CLASS	RfDo (mg/kg-d)	Key	IUR (ug/m3)-1	Key	RfCi (mg/m3)	Key	VOC[a]	Skin Abs. Soils	COMPARISON LEVELS Residential Soil (mg/kg)	Key	Indoor Industrial/ Commercial Worker w/o Dermal (mg/kg)	Key	Outdoor Industrial/ Commercial Worker Soil (mg/kg)	Key	Ambient Air (µg/m³)	Key	Residential Water (µg/l)	Key	LBCLs DAF 1 (mg/kg)	DAF 20 (mg/kg)
Heptachlor	76-44-8	4.50E+00	I	B2	5.00E-04	I	1.30E-03	I			0	0.1	1.08E-01	C	1.27E+00	C	4.26E-01	C	1.87E-03	C	4.00E-01	mcl	1.00E+00	2.00E+01
Heptachlor epoxide	1024-57-3	9.10E+00	I	B2	1.30E-05	I	2.60E-03	I			0	0.1	5.34E-02	C	6.29E-01	C	2.10E-01	C	9.36E-04	C	2.00E-01	mcl	3.00E-02	6.00E-01
n-Heptane	142-82-5				2.00E+00	S			7.00E+00	S	1		2.20E+02	sat	2.20E+02	sat	2.20E+02	sat	7.30E+03	N	2.00E-01	mcl	3.00E-02	6.00E-01
Hexabromobenzene	87-82-1				2.00E-03	I					0	0.1	1.22E+02	N	4.09E+03	N	1.37E+03	N			7.30E+01	N		
Hexachlorobenzene	118-74-1	1.60E+00	I	B2	6.00E-04	I	4.60E-04	I			0	0.1	3.04E-01	C	3.58E+00	C	1.20E+00	C	5.29E-03	C	1.00E+00	mcl	1.00E-01	2.00E+00
Hexachlorobutadiene	87-68-3	7.80E-02	I	C	1.00E-03	p	2.20E-05	I			0	0.1	6.24E+00	C	7.34E+01	C	2.46E+01	C	1.11E-01	C	8.82E-01	C	1.00E-01	2.00E+00
HCH (alpha)	319-84-6	6.30E+00	I	B2	3.00E-04	*	1.80E-03	I			0	0.04	2.11E+01	N	6.13E+02	N	2.70E+02	N	1.35E-03	C	1.10E+01	N	2.91E-02	5.83E-01
HCH (beta)	319-85-7	1.80E+00	I	C	6.00E-05	*	5.30E-04	I			0	0.04	4.22E+00	N	1.23E+02	N	5.39E+01	N	4.59E-03	C	2.19E+00	N	5.96E-03	1.19E-01
HCH (gamma) Lindane	58-89-9	1.10E+00	CA		1.00E-05	*	3.10E-04	CA	3.10E-04	CA	0	0.04	7.03E-01	N	2.04E+01	N	8.98E+00	N	7.65E-03	C	2.00E-01	mcl	5.00E-04	1.00E-02
Hexachlorocyclopentadiene	77-47-4				6.00E-03	I			2.00E-04	I	0	0.1	3.66E+02	N	1.21E+04	N	4.09E+03	N	2.09E-01	N	5.00E+01	mcl	2.00E+01	4.00E+02
Hexachlorodibenzo-p-dioxin mixture (HxCDD)	19408-74-3	6.20E+03	I	B2							0	0.1	7.85E-05	C	9.23E-04	C	3.09E-04	C			1.08E-05	C		
Hexachloroethane	67-72-1	1.40E-02	I	C	1.00E-03	I	4.00E-06	I			0	0.1	3.47E+01	C	4.09E+02	C	1.37E+02	C	6.08E-01	C	4.80E+00	C	2.00E-02	4.00E-01
Hexachlorophene	70-30-4				3.00E-04	I					0	0.1	1.83E+01	N	6.13E+02	N	2.05E+02	N			1.10E+01	N		
Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	1.10E-01	I	C	3.00E-03	I					0	0.1	4.42E+00	C	5.20E+01	C	1.74E+01	C			6.11E-01	C		
1,6-Hexamethylene diisocyanate	822-06-0				2.86E-06	r			1.00E-05	I	1	0.1	1.67E-01	N	4.28E+00	N	1.76E+00	N	1.04E-02	N	1.74E-02	N		
Hexamethylphosphoramide	680-31-9				4.00E-04	P					0	0.1	2.44E+01	N	8.18E+02	N	2.74E+02	N			1.46E+01	N		
n-Hexane	110-54-3				1.10E+01	P			7.00E-01	I	1		1.15E+02	sat	1.15E+02	sat	1.15E+02	sat	7.30E+02	N	1.45E+03	N		
2-Hexanone	591-78-6								3.00E-02	I	1		4.60E+02	N	1.93E+03	N	2.15E+03	N	3.13E+01	N	6.26E+01	N		
Hexazinone	51235-04-2				3.30E-02	I					0	0.1	2.02E+03	N	6.75E+04	N	2.26E+04	N			1.20E+03	N		
Hydrazine, hydrazine sulfate	302-01-2	3.00E+00	I	B2			4.90E-03	I	2.00E-04	CA	0	0.1	1.62E-01	C	1.91E+00	C	6.38E-01	C	4.97E-04	C	2.24E-02	C		
Hydrogen chloride	7647-01-0								2.00E-02	I	0	0.1	1.00E+05	max	1.00E+05	max	1.00E+05	max	2.09E+01	N				
Hydrogen sulfide	7783-06-4				2.00E-03	I			2.00E-03	I	0	0.1	1.22E+02	N	4.09E+03	N	1.37E+03	N	2.09E+00	N	7.30E+01	N		
p-Hydroquinone	123-31-9	5.60E-02	P		4.00E-02	P					0	0.1	8.69E+00	C	1.02E+02	C	3.42E+01	C			1.20E+00	C		
Iron	7439-89-6				7.00E-01	P					0		5.48E+04	N	1.00E+05	max	1.00E+05	max			3.00E+02	mcl	7.56E+00	1.51E+02
Isobutanol	78-83-1				3.00E-01	I			3.00E+01	S	1		2.32E+04	N	4.00E+04	sat	4.00E+04	sat	3.13E+04	N	9.32E+03	N		
Isobutylbenzene	538-93-2								4.00E-01	S	1		3.89E+02	N	6.47E+02	sat	6.47E+02	sat	4.17E+02	N	8.34E+02	N		
Isophorone	78-59-1	9.50E-04	I	C	2.00E-01	I			2.00E+00	CA	0	0.1	5.12E+02	C	6.02E+03	C	2.02E+03	C	2.09E+03	N	7.08E+01	C	3.00E-02	6.00E-01
Isopropalin	33820-53-0				1.50E-02	I					0	0.1	9.17E+02	N	3.07E+04	N	1.03E+04	N			5.48E+02	N		
Isopropyl Alcohol	67-63-0								3.00E+01	S	1		1.00E+05	max	1.00E+05	max	1.00E+05	max	3.13E+04	N	6.26E+04	N		
Isopropyl methyl phosphonic acid	1832-54-8				1.00E-01	I					0	0.1	6.11E+03	N	1.00E+05	max	6.84E+04	N			3.65E+03	N		
4-Isopropyltoluene	99-87-6								4.00E-01	S	1		3.89E+02	N	6.47E+02	sat	6.47E+02	sat	4.17E+02	N	8.34E+02	N		
Kepone	143-50-0	1.00E+01	I		3.00E-04	I	4.80E-03	CA			0	0.1	4.86E-02	C	5.72E-01	C	1.92E-01	C	5.29E-04	C	6.72E-03	C		
Lead[c]	7439-92-1										0		4.00E+02				8.00E+02				1.50E+01	mcl		
Lead acetate	301-04-2	2.80E-01	C				8.00E-05	C			0	0.1	1.74E+00	C	2.04E+01	C	6.84E+00		3.04E-02	C	2.40E-01	C		
Lead subacetate	1335-32-6	3.80E-02	C				1.10E-05	C			0	0.1	1.28E+01	C	1.51E+02	C	5.04E+01		2.21E-01	C	1.77E+00	C		
Lead (tetraethyl)	78-00-2				1.00E-07	I					0	0.1	6.11E-03	N	2.04E-01	N	6.84E-02	N			3.65E-03	N		
Lithium	7439-93-2				2.00E-03	P					0		1.56E+02	N	4.09E+03	N	2.27E+03	N			7.30E+01	N	2.19E+01	4.38E+02
Magnesium	7439-95-4				5.67E+00	O					0	0.1	1.00E+05	max	1.00E+05	max	1.00E+05	max			2.07E+05	N	9.73E+02	1.95E+04
Malathion	121-75-5				2.00E-02	I					0	0.1	1.22E+03	N	4.09E+04	N	1.37E+04	N			7.30E+02	N		
Maleic anhydride	108-31-6				1.00E-01	I			7.00E-04	CA	0	0.1	6.07E+03	N	1.00E+05	max	6.73E+04	N	7.30E-01	N	3.65E+03	N		
Manganese and compounds	7439-96-5				2.40E-02	I			5.00E-05	I	0		1.82E+03	N	4.13E+04	N	2.49E+04	N	5.21E-02	N	2.00E+01	mcl	1.30E+00	2.61E+01
Mephosfolan	950-10-7				9.00E-05	H					0	0.1	5.50E+00	N	1.84E+02	N	6.16E+01	N			3.29E+00	N		
Mepiquat	24307-26-4				3.00E-02	I					0	0.1	1.83E+03	N	6.13E+04	N	2.05E+04	N			1.10E+03	N		
2-Mercaptobenzothiazole	149-30-4	2.90E-02	N		1.00E-01	N					0	0.1	1.68E+01	C	1.97E+02	C	6.60E+01	C			2.32E+00	C		
Mercury and compounds	7487-94-7				3.00E-04	I					0		2.35E+01	N	6.13E+02	N	3.41E+02	N			2.00E+00	mcl	1.04E-01	2.09E+00
Mercuric chloride	7487-94-7				3.00E-04	I			3.00E-04	S	0		2.35E+01	N	6.13E+02	N	3.41E+02	N	3.13E-01	N	2.00E+00	mcl	1.04E-01	2.09E+00
Mercury (elemental)	7439-97-6				1.60E-04	CA			3.00E-04	I	1		1.25E+01	N	3.27E+02	N	1.82E+02	N	3.13E-01	N	2.00E+00	mcl	1.04E-01	2.09E+00
Mercury (methyl)	22967-92-6				1.00E-04	I					0	0.1	6.11E+00	N	2.04E+02	N	6.84E+01	N			3.65E+00	N		
Methacrylonitrile	126-98-7				1.00E-04	I			3.00E-02	P	1		7.61E+00	N	1.74E+02	N	1.04E+02	N	3.13E+01	N	3.45E+00	N		
Methanol	67-56-1				5.00E-01	I			4.00E+00	CA	0	0.1	3.06E+04	N	1.00E+05	max	1.00E+05	max	4.17E+03	N	1.83E+04	N		
Methidathion	950-37-8				1.00E-03	I					0	0.1	6.11E+01	N	2.04E+03	N	6.84E+02	N			3.65E+01	N		
Methoxychlor	72-43-5				5.00E-03	I					0	0.1	3.06E+02	N	1.02E+04	N	3.42E+03	N			4.00E+01	mcl	8.00E+00	1.60E+02
Methyl acetate	79-20-9				1.00E+00	H			7.00E-01	S	1		1.22E+04	N	5.87E+04	N	6.34E+04	N	7.30E+02	N	1.40E+03	N		
Methyl acrylate	96-33-3				3.00E-02	H			2.00E-02	P	1		3.16E+01	N	1.34E+02	N	1.49E+02	N	2.09E+01	N	4.02E+01	N		
Methyl iodide	74-88-4								1.70E-01		1		3.60E+02	N	1.51E+03	N	1.68E+03	N	1.77E+02	N	3.55E+02	N		
2-Methylaniline (o-toluidine)	95-53-4	2.40E-01	H				5.10E-05	CA			0	0.1	2.03E+00	C	2.38E+01	C	7.98E+00	C	4.77E-02	C	2.80E-01	C		
Methylaniline Hydrochloride, 2-	636-21-5	1.30E-01	C				3.70E-05	C			0	0.1	3.74E+00	C	4.40E+01	C	1.47E+01	C	6.58E-02	C	5.17E-01	C		
2-Methyl-4-chlorophenoxyacetic acid	94-74-6				5.00E-04	I					0	0.1	3.06E+01	N	1.02E+03	N	3.42E+02	N			1.83E+01	N		
4-(2-Methyl-4-chlorophenoxy) butyric acid (MCPB)	94-81-5				1.00E-02	I					0	0.1	6.11E+02	N	2.04E+04	N	6.84E+03	N			3.65E+02	N		
2-(2-Methyl-4-chlorophenoxy) propionic acid	93-65-2				1.00E-03	I					0	0.1	6.11E+01	N	2.04E+03	N	6.84E+02	N			3.65E+01	N		
2-(2-Methyl-1,4-chlorophenoxy) propionic acid (MCPP)	16484-77-8				1.00E-03	I					0	0.1	6.11E+01	N	2.04E+03	N	6.84E+02	N			3.65E+01	N		
Methylcyclohexane	108-87-2				8.60E-01	r					1		1.43E+02	sat	1.43E+02	sat	1.43E+02	sat			3.14E+04	N		
4,4'-Methylene bis(2-chloroaniline)	101-14-4	1.00E-01	P		2.00E-03	P	4.30E-04	CA			0	0.1	4.86E+00	C	5.71E+01	C	1.91E+01	C	5.66E-03	C	6.72E-01	C		
4,4'-Methylene bis(N,N'-dimethyl)aniline	101-61-1	4.60E-02	I	B2			1.30E-05	CA			0	0.1	1.06E+01	C	1.24E+02	C	4.16E+01	C	1.87E-01	C	1.48E+00	C		
Methylene bromide	74-95-3				1.00E-02	H			4.00E-03	S	1		4.34E+01	N	1.91E+02	N	2.10E+02	N	4.17E+00	N	8.16E+00	N		
Methylene chloride	75-09-2	7.50E-03	I	B2	6.00E-02	I	4.70E-07	I	1.10E+00	A	1		1.10E+01	C	5.85E+01	C	6.04E+01	C	5.18E+00	C	5.00E+00	mcl	1.00E-03	2.00E-02
4,4'-Methylenediphenyl isocyanate	101-68-8				1.70E-04	r			6.00E-04	I	0	0.1	1.04E+01	N	3.47E+02	N	1.16E+02	N	6.26E-01	N	6.21E+00	N		
Methyl ethyl ketone	78-93-3				6.00E-01	I			5.00E+00	I	1		3.21E+04	N	3.41E+04	sat	3.41E+04	sat	5.21E+03	N	7.06E+03	N		
Methyl hydrazine	60-34-4	1.10E+00	H								0	0.1	4.42E-01	C	5.20E+00	C	1.74E+00	C			8.11E-02	C		
Methyl isobutyl ketone	108-10-1				8.00E-02	H			3.00E+00	I	1		5.60E+03	N	1.72E+04	sat	1.72E+04	sat	3.13E+03	N	1.99E+03	N		
Methyl mercaptan	74-93-1				5.70E-04	r					0	0.1	3.48E+01	N	1.17E+03	N	3.90E+02	N			2.08E+01	N		
Methyl methacrylate	80-62-6				1.40E+00	I			7.00E-01	I	1		2.72E+03	sat	2.72E+03	sat	2.72E+03	sat	7.30E+02	N	1.42E+03	N		
2-Methyl-5-nitroaniline	99-55-8	9.00E-03	P								0	0.1	5.40E+01	C	6.36E+02	C	2.13E+02	C			7.47E+00	C		
Methyl parathion	298-00-0				2.50E-04	I					0	0.1	1.53E+01	N	5.11E+02	N	1.71E+02	N			9.13E+00	N		
2-Methylphenol (o-cresol)	95-48-7				5.00E-02	I					0	0.1	3.06E+03	N	1.00E+05	max	3.42E+04	N			1.83E+03	N	8.00E-01	1.60E+01
3-Methylphenol (m-cresol)	108-39-4				5.00E-02	I					0	0.1	3.06E+03	N	1.00E+05	max	3.42E+04	N			1.83E+03	N		
4-Methylphenol	106-44-5				5.00E-03	H					0	0.1	3.06E+02	N	1.02E+04	N	3.42E+03	N			1.83E+02	N		
Methyl phosphonic acid	993-13-5				2.00E-02	P					0	0.1	1.22E+03	N	4.09E+04	N	1.37E+04	N			7.30E+02	N		
Methyl styrene (mixture)	25013-15-4				6.00E-03	H			4.00E-02	H	1		2.40E+02	N	3.93E+02	sat	3.93E+02	sat	4.17E+01	N	6.04E+01	N		
Methyl styrene (alpha)	98-83-9				7.00E-02	H			1.00E+00	S	1		6.83E+02	sat	6.83E+02	sat	6.83E+02	sat	1.04E+03	N	1.15E+03	N		
Methyl tertbutyl ether (MTBE)	1634-04-4	1.80E-03	CA		8.57E-01	r	2.60E-07	CA	3.00E+00	I	1		3.92E+01	C	2.08E+02	C	2.16E+02	C	9.36E+00	C	1.25E+01	C		

a = Comparison Levels Based on EPA Models, IEUBK (USEPA, 1994) and TRW (USEPA, 1996). Tap Water Comparison Level = MCL

b = Tap Water Comparison Level Based on Infant NOAEL (see IRIS).

c = 1, Volatile chemical; 0 nonvolatile chemical.

Nevada Division of Environmental Protection
Basic Comparison Levels

Key: I=IRIS; P=PPRTV; N=NCEA; H=HEAST; CA=CalEPA; A=ATSDR; O=Other Document; S=Surrogate; x=withdrawn; *=see BCL Guidance Document

Key: C = Cancer endpoint; N = Noncancer endpoint; sat = Saturation Limit; max = Ceiling Limit

NDEP Basic Comparison Levels Jan-13 Chemical Constituents	CAS Number	TOXICITY INFORMATION											COMPARISON LEVELS										LBCLs	
		SFo 1/(mg/kg-d)	Key	CANCER CLASS	RfDo (mg/kg-d)	Key	IUR (ug/m3)-1	Key	RfCi (mg/m3)	Key	VOC[c]	Skin Abs. Soils	Residential Soil (mg/kg)	Key	Indoor Industrial/ Commercial Worker w/o Dermal (mg/kg)	Key	Outdoor Industrial/ Commercial Worker Soil (mg/kg)	Key	Ambient Air (µg/m³)	Key	Residential Water (µg/l)	Key	DAF 1 (mg/kg)	DAF 20 (mg/kg)
Metolachlor (Dual)	51218-45-2				1.50E-01	I					0	0.1	9.17E+03	N	1.00E+05	max	1.00E+05	max			5.48E+03	N		
Mirex	2385-85-5	1.80E+00	H		2.00E-04	I	5.10E-03	CA			0	0.1	2.70E-01	C	3.18E+00	C	1.06E+00	C	4.77E-04	C	3.74E-02	C		
Molybdenum	7439-98-7				5.00E-03	I					0		3.91E+02	N	1.02E+04	N	5.68E+03	N			1.83E+02	N	3.69E+00	7.37E+01
Monochloramine	10599-90-3				1.00E-01	H					0	0.1	6.11E+03	N	1.00E+05	max	6.84E+04	N			3.65E+03	N		

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Nevada Division of Environmental Protection
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Key: C = Cancer endpoint; N = Noncancer endpoint; sat = Saturation Limit; max = Ceiling Limit

NDEP Basic Comparison Levels Jan-13 Chemical Constituents	CAS Number	TOXICITY INFORMATION SFo 1/(mg/kg-d)	Key	CANCER CLASS	RfDo (mg/kg-d)	Key	IUR (ug/m3)-1	Key	RfCI (mg/m3)	Key	VOC[c]	Skin Abs. Soils	COMPARISON LEVELS Residential Soil (mg/kg)	Key	Indoor Industrial/ Commercial Worker w/o Dermal (mg/kg)	Key	Outdoor Industrial/ Commercial Worker Soil (mg/kg)	Key	Ambient Air (µg/m³)	Key	Residential Water (µg/l)	Key	LBCLs DAF 1 (mg/kg)	DAF 20 (mg/kg)
Naled	300-76-5				2.00E-03	I					0	0.1	1.22E+02	N	4.09E+03	N	1.37E+03	N			7.30E+01	N		
Nickel and compounds	7440-02-0				2.00E-02	I			9.00E-05	A	0		1.54E+03	N	3.76E+04	N	2.18E+04	N	9.39E-02	N	7.30E+02	N	7.00E+00	1.40E+02
Nickel refinery dust				A			2.40E-04	I			0		1.22E+04	C	6.13E+04	C	6.81E+04	C	1.01E-02	C				
Nickel subsulfide	12035-72-2			A			4.80E-04	I			0		6.08E+03	C	3.07E+04	C	3.41E+04	C	5.07E-03	C				
Nitrate	14797-55-8				1.60E+00	I					0		1.00E+05	max	1.00E+05	max	1.00E+05	max			1.00E+04	mcl	7.00E+00	1.40E+02
Nitrite	14797-65-0				1.00E-01						0		7.82E+03	N	1.00E+05	max	1.00E+05	max			1.00E+03	mcl		
2-Nitroaniline	88-74-4				3.00E-03	P			1.00E-04	P	0	0.1	1.83E+02	N	6.06E+03	N	2.05E+03	N	1.04E-01	N	1.10E+02	N		
Nitrobenzene	98-95-3				2.00E-03	I	4.00E-05	I	9.00E-03	H	1		2.69E+00	C	1.36E+01	C	1.51E+01	C	6.08E-02	C	1.22E-01	C	7.00E-03	1.40E-01
Nitrofurantoin	67-20-9				7.00E-02	H					0	0.1	4.26E+03	N	1.00E+05	max	4.79E+04	N			2.56E+03	N		
Nitrofurazone	59-87-0	1.30E+00	H				3.70E-04	CA			0	0.1	3.74E-01	C	4.40E+00	C	1.47E+00	C	6.56E-03	C	5.17E-02	C		
Nitroglycerin	55-63-0	1.70E-02	P		1.00E-04	P					0	0.1	6.11E+00	N	2.04E+02	N	6.84E+01	N			3.65E+00	N		
4-Nitrophenol	100-02-7				6.00E-03	N					0	0.1	4.89E+02	N	1.64E+04	N	5.47E+03	N			2.92E+02	N		
2-Nitropropane	79-46-9	9.40E+00	H				2.70E-03	H	2.00E-02	I	1		1.09E-02	C	5.91E-02	C	5.98E-02	C	9.01E-04	C	1.44E-03	C		
N-Nitrosodi-n-butylamine	924-16-3	5.40E+00	I	B2			1.60E-03	I			1		2.93E-02	C	1.65E-01	C	1.59E-01	C	1.52E-03	C	2.44E-03	C		
N-Nitrosodiethanolamine	1116-54-7	2.80E+00	I	B2			8.00E-04	CA			0	0.1	1.74E-01	C	2.04E+00	C	6.84E-01	C	3.04E-03	C	2.40E-02	C		
N-Nitrosodiethylamine	55-18-5	1.50E+02	I	B2			4.30E-02	I			0	0.1	3.24E-03	C	3.82E-02	C	1.28E-02	C	5.66E-05	C	4.48E-04	C		
N-Nitrosodimethylamine	62-75-9	5.10E+01	I	B2	8.00E-06	p	1.40E-02	I			0	0.1	9.54E-03	C	1.12E-01	C	3.76E-02	C	1.74E-04	C	1.32E-03	C		
N-Nitrosodiphenylamine	86-30-6	4.90E-03	I	B2			2.60E-08	CA			0	0.1	9.93E+01	C	1.17E+03	C	3.91E+02	C	9.36E-01	C	1.37E+01	C	6.00E-02	1.20E+00
N-Nitroso di-n-propylamine	621-64-7	7.00E+00	I	B2			2.00E-03	CA			0	0.1	6.95E-02	C	8.18E-01	C	2.74E-01	C	1.22E-03	C	9.60E-03	C	2.00E-06	4.00E-05
N-Nitroso-N-methylethylamine	10595-95-6	2.20E+01	I	B2			6.30E-03	CA			0	0.1	2.21E-02	C	2.60E-01	C	8.71E-02	C	3.86E-04	C	3.06E-03	C		
N-Nitrosopyrrolidine	930-55-2	2.10E+00	I	B2			6.10E-04	I			0	0.1	2.32E-01	C	2.73E+00	C	9.12E-01	C	3.99E-03	C	3.20E-02	C		
m-Nitrotoluene	99-08-1				2.00E-02	P					0		1.56E+03	N	4.09E+04	N	2.27E+04	N			7.30E+02	N		
o-Nitrotoluene	88-72-2	2.30E-01	P		9.00E-04	P					1		2.78E+00	C	2.49E+01	C	1.38E+01	C			2.92E-01	C		
p-Nitrotoluene	99-99-0	1.60E-02	P		4.00E-03	P					0		4.00E+01	C	3.58E+02	C	1.99E+02	C			4.20E+00	C		
N,N'-Diphenyl-1,4-benzenediamine	74-31-7				3.00E-04	X					0	0.1	1.83E+01	N	6.13E+02	N	2.05E+02	N			1.10E+01	N		
NuStar	85509-19-9				7.00E-04	I					0	0.1	4.28E+01	N	1.43E+03	N	4.79E+02	N			2.56E+01	N		
Octahydro-1357-tetranitro-1357- tetrazocine (HMX)	2691-41-0				5.00E-02	I					0	0.1	3.06E+03	N	1.00E+05	max	3.42E+04	N			1.83E+03	N		
n-Octane	111-65-9								1.84E+01	S	1		7.96E+01	sat	7.96E+01	sat	7.96E+01	sat	1.92E+04	N	3.84E+04	N		
Oryzalin	19044-88-3				5.00E-02	I					0	0.1	3.06E+03	N	1.00E+05	max	3.42E+04	N			1.83E+03	N		
Oxadiazon	19666-30-9				5.00E-03	I					0	0.1	3.06E+02	N	1.02E+04	N	3.42E+03	N			1.83E+02	N		
Oxamyl	23135-22-0				2.50E-02	I					0	0.1	1.53E+03	N	5.11E+04	N	1.71E+04	N			2.00E+02	mcl		
Oxyfluorfen	42874-03-3				3.00E-03	I					0	0.1	1.83E+02	N	6.13E+03	N	2.05E+03	N			1.10E+02	N		
Paraquat	4685-14-7				4.50E-03	I					0	0.1	2.75E+02	N	9.20E+03	N	3.08E+03	N			1.64E+02	N		
Parathion	56-38-2				6.00E-03	H					0	0.1	3.67E+02	N	1.23E+04	N	4.10E+03	N			2.19E+02	N		
Pentachlorobenzene	608-93-5				8.00E-04	I					0	0.1	4.89E+01	N	1.64E+03	N	5.47E+02	N			2.92E+01	N		
Pentachloronitrobenzene	82-68-8	2.60E-01	H		3.00E-03	I					0	0.1	1.87E+00	C	2.20E+01	C	7.37E+00	C			2.59E-01	C		
Pentachlorophenol	87-86-5	4.00E-01	I	B2	5.00E-03	I	5.10E-06	CA			0	0.25	8.94E-01	C	1.43E+01	C	3.00E+00	C	4.77E-01	C	1.00E+00	mcl	1.00E-03	2.00E-02
Perchlorate	7601-90-3				7.00E-04	I					0		5.48E+01	N	1.43E+03	N	7.95E+02	N			1.80E+01	N	1.85E-02	3.71E-01
Permethrin	52645-53-1				5.00E-02	I					0	0.1	3.06E+03	N	1.00E+05	max	3.42E+04	N			1.83E+03	N		
Phenol	108-95-2				3.00E-01	I			2.00E-01	CA	0	0.1	1.83E+04	N	1.00E+05	max	1.00E+05	max	2.09E+02	N	1.10E+04	N	5.00E+00	1.00E+02
Phenothiazine	92-84-2				2.00E-03	N					0	0.1	1.22E+02	N	4.09E+03	N	1.37E+03	N			7.30E+01	N		
m-Phenylenediamine	108-45-2				6.00E-03	I					0	0.1	3.67E+02	N	1.23E+04	N	4.10E+03	N			2.19E+02	N		
p-Phenylenediamine	106-50-3				1.90E-01	H					0	0.1	1.16E+04	N	1.00E+05	max	1.00E+05	max			6.94E+03	N		
Phenylmercuric acetate	62-38-4				8.00E-05	I					0	0.1	4.89E+00	N	1.64E+02	N	5.47E+01	N			2.92E+00	N		
2-Phenylphenol	90-43-7	1.94E-03	H								0	0.1	2.51E+02	C	2.95E+03	C	9.87E+02	C			3.47E+01	C		
Phosphine	7803-51-2				3.00E-04	I			3.00E-04	I	0	0.1	1.83E+01	N	6.13E+02	N	2.05E+02	N	3.13E-01	N	1.10E+01	N		
Phosphoric acid	7664-38-2								1.00E-02	I	n/a				1.00E+05	max	1.00E+05	max	1.04E+01	N	2.09E+01	N		
Phosphorus (white)	7723-14-0				2.00E-05	I					0		1.56E+00	N	4.09E+01	N	2.27E+01	N			7.30E-01	N		
m-Phthalic acid	121-91-5				2.00E+00	S					0		1.00E+05	max	1.00E+05	max	1.00E+05	max			7.30E+04	N		
o-Phthalic acid	88-99-3				2.00E+00	S					0		1.00E+05	max	1.00E+05	max	1.00E+05	max			7.30E+04	N		
p-Phthalic acid	100-21-0				1.00E+00	H					0	0.1	6.11E+04	N	1.00E+05	max	1.00E+05	max			3.65E+04	N		
Phthalic anhydride	85-44-9				2.00E+00	I			2.00E-02	CA	0	0.1	1.00E+05	max	1.00E+05	max	1.00E+05	max	2.09E+01	N	7.30E+04	N		
Polybrominated biphenyls		8.90E+00	H		7.00E-06	H	8.60E-03	CA			0	0.1	5.46E-02	C	6.43E-01	C	2.15E-01	C	2.83E-04	C	7.55E-03	C		
Polychlorinated biphenyls (PCBs)	1336-36-3	2.00E+00	I	B2			2.00E-05	I			0	0.14	2.22E-01	C	2.86E+00	C	8.26E-01	C	1.22E-01	C	5.00E-01	mcl		
Aroclor 1016	12674-11-2	7.00E-02	I	B2	7.00E-05	I	2.00E-05	I			0	0.14	3.93E+00	N	8.18E+01	C	2.36E+01	C	1.22E-01	C	9.60E-01	C		
Aroclor 1221	11104-28-2	2.00E+00	I	B2			5.70E-04	I			0	0.14	2.22E-01	C	2.86E+00	C	8.26E-01	C	4.27E-03	C	3.36E-02	C		
Aroclor 1232	11141-16-5	2.00E+00	I	B2			5.70E-04	I			0	0.14	2.22E-01	C	2.86E+00	C	8.26E-01	C	4.27E-03	C	3.36E-02	C		
Aroclor 1242	53469-21-9	2.00E+00	I	B2			5.70E-04	I			0	0.14	2.22E-01	C	2.86E+00	C	8.26E-01	C	4.27E-03	C	3.36E-02	C		
Aroclor 1248	12672-29-6	2.00E+00	I	B2			5.70E-04	I			0	0.14	2.22E-01	C	2.86E+00	C	8.26E-01	C	4.27E-03	C	3.36E-02	C		
Aroclor 1254	11097-69-1	2.00E+00	I	B2	2.00E-05	I	5.70E-04	I			0	0.14	2.22E-01	C	2.86E+00	C	8.26E-01	C	4.27E-03	C	3.36E-02	C		
Aroclor 1260	11096-82-5	2.00E+00	I	B2			5.70E-04	I			0	0.14	2.22E-01	C	2.86E+00	C	8.26E-01	C	4.27E-03	C	3.36E-02	C		
Polynuclear aromatic hydrocarbons																								
Acenaphthene	83-32-9				6.00E-02	I			3.00E-03	S	1		5.09E+02	N	2.35E+03	N	2.56E+03	N	3.13E+00	N	6.24E+00	N	2.90E+01	5.80E+02
Acenaphthylene	208-96-8				3.00E-02	S			3.00E-03	S	1		1.47E+02	sat	1.47E+02	sat	1.47E+02	sat	3.13E+00	N	6.22E+00	N		
Anthracene	120-12-7				3.00E-01	I			3.00E-03	S	1		2.00E+03	N	9.06E+03	N	9.92E+03	N	3.13E+00	N	6.25E+00	N	5.90E+02	1.18E+04
Benz[a]anthracene	56-55-3	7.30E-01	N				1.10E-04	CA			0	0.13	6.21E-01	C	7.84E+00	C	2.34E+00	C	2.21E-02	C	9.21E-02	C	8.00E-02	1.60E+00
Benzo[b]fluoranthene	205-99-2	7.30E-01	N	B2			1.10E-04	CA			0	0.13	6.21E-01	C	7.84E+00	C	2.34E+00	C	2.21E-02	C	9.21E-02	C	2.00E-01	4.00E+00
Benzo[ghi]perylene	191-24-2				3.00E-02	S					0		2.35E+03	N	6.13E+04	N	3.41E+04	N			1.10E+03	N		
Benzo[k]fluoranthene	207-08-9	7.30E-02	N	B2			1.10E-04	CA			0	0.13	6.21E+00	C	7.84E+01	C	2.34E+01	C	2.21E-02	C	9.21E-01	C	2.00E+00	4.00E+01
Benzo[a]pyrene	50-32-8	7.30E+00	I	B2			1.10E-03	CA			0	0.13	6.21E-02	C	7.84E-01	C	2.34E-01	C	2.21E-03	C	2.00E-01	mcl	4.00E-01	8.00E+00
Chrysene	218-01-9	7.30E-03	N	B2			1.10E-05	CA			0	0.13	6.21E+01	C	7.84E+02	C	2.34E+02	C	2.21E-01	C	9.21E+00	C	8.00E+00	1.60E+02
Dibenz[ah]anthracene	53-70-3	7.30E+00	N	B2			1.20E-03	CA			0	0.13	6.21E-02	C	7.84E-01	C	2.34E-01	C	2.03E-03	C	9.21E-03	C	8.00E-02	1.60E+00
Fluoranthene	206-44-0			D	4.00E-02	I					0	0.13	2.29E+03	N	8.18E+04	N	2.44E+04	N			1.46E+03	N	2.10E+02	4.20E+03
Fluorene	86-73-7			D	4.00E-02	I			3.00E-03	S	1		6.71E+02	N	3.44E+03	N	3.67E+03	N	3.13E+00	N	6.23E+00	N	2.80E+01	5.60E+02
Indeno[1,2,3-cd]pyrene	193-39-5	7.30E-01	N	B2			1.10E-04	CA			0	0.13	6.21E-01	C	7.84E+00	C	2.34E+00	C	2.21E-02	C	9.21E-02	C	7.00E-01	1.40E+01
Naphthalene	91-20-3			C	2.00E-02	I	3.40E-05	CA	3.00E-03	I	1		3.10E+00	C	1.56E+01	C	1.74E+01	C	7.16E-02	C	1.43E-01	C	4.00E+00	8.00E+01
Phenanthrene	85-01-8				3.00E-02	S			3.00E-03	S	1		2.45E+01	sat	2.45E+01	sat	2.45E+01	sat	3.13E+00	N	6.22E+00	N		
Pyrene	129-00-0			D	3.00E-02	I			3.00E-03	S	1		1.89E+03	N	2.43E+04	N	1.93E+04	N	3.13E+00	N	6.22E+00	N	2.10E+02	4.20E+03
Prometon	1610-18-0				1.50E-02	I					0	0.1	9.17E+02	N	3.07E+04	N	1.03E+04	N			5.48E+02	N		
Prometryn	7287-19-6				4.00E-03	I					0	0.1	2.44E+02	N	8.18E+03	N	2.74E+03	N			1.46E+02	N		

a = Comparison Levels Based on EPA Models, IEUBK (USEPA, 1994) and TRW (USEPA, 1996), Tap Water Comparison Level = MCL

b = Tap Water Comparison Level Based on Infant NOAEL (see IRIS).

c = 1, Volatile chemical; 0 nonvolatile chemical.

Nevada Division of Environmental Protection
Basic Comparison Levels

Key: I=IRIS; P=PPRTV; N=NCEA; H=HEAST; CA=CalEPA; A=ATSDR; O=Other Document; S=Surrogate; x=withdrawn; *=see BCL Guidance Document

Key: C = Cancer endpoint; N = Noncancer endpoint; sat = Saturation Limit; max = Ceiling Limit

NDEP Basic Comparison Levels Jan-13 Chemical Constituents	CAS Number	TOXICITY INFORMATION SFo 1/(mg/kg-d)	Key	CANCER CLASS	RfDo (mg/kg-d)	Key	IUR (ug/m3)-1	Key	RfCi (mg/m3)	Key	VOC[a]	Skin Abs. Soils	COMPARISON LEVELS Residential Soil (mg/kg)	Key	Indoor Industrial/ Commercial Worker w/o Dermal (mg/kg)	Key	Outdoor Industrial/ Commercial Worker Soil (mg/kg)	Key	Ambient Air (µg/m³)	Key	Residential Water (µg/l)	Key	LBCLs DAF 1 (mg/kg)	DAF 20 (mg/kg)
Propachlor	1918-16-7				1.30E-02	I					0	0.1	7.94E+02	N	2.66E+04	N	8.89E+03	N			4.75E+02	N		
Propanil	709-98-8				5.00E-03	I					0	0.1	3.06E+02	N	1.02E+04	N	3.42E+03	N			1.83E+02	N		
Propargite	2312-35-8				2.00E-02	I					0	0.1	1.22E+03	N	4.09E+04	N	1.37E+04	N			7.30E+02	N		
Propargyl alcohol	107-19-7				2.00E-03	I					0	0.1	1.22E+02	N	4.09E+03	N	1.37E+03	N			7.30E+01	N		
Propazine	139-40-2				2.00E-02	I					0	0.1	1.22E+03	N	4.09E+04	N	1.37E+04	N			7.30E+02	N		
Propiconazole	60207-90-1				1.30E-02	I					0	0.1	7.94E+02	N	2.66E+04	N	8.89E+03	N			4.75E+02	N		
Propyl Alcohol	71-23-8								3.00E+01	S	1		1.79E+01	sat	1.79E+01	sat	1.79E+01	sat	3.13E+04	N	6.26E+04	N		
n-Propylbenzene	103-65-1				1.00E-02	N			4.00E-01	S	1		2.37E+02	sat	2.37E+02	sat	2.37E+02	sat	4.17E+02	N	2.54E+02	N		
Propylene glycol	57-55-6				2.00E+01	P					0	0.1	1.00E+05	max	1.00E+05	max	1.00E+05	max			7.30E+05	N		
Propylene glycol, monoethyl ether	111-35-3				7.00E-01	H					0	0.1	4.28E+04	N	1.00E+05	max	1.00E+05	max			2.56E+04	N		
Propylene glycol, monomethyl ether	107-98-2				7.00E-01	H			2.00E+00	I	0	0.1	4.28E+04	N	1.00E+05	max	1.00E+05	max	2.09E+03	N	2.56E+04	N		
Propylene oxide	75-56-9	2.40E-01	I	B2	8.60E-03	I	3.70E-06	I	3.00E-02	I	1		2.05E+00	C	1.55E+01	C	1.04E+01	C	6.58E-01	C	2.31E-01	C		
Pursuit	81335-77-5				2.50E-01	I					0	0.1	1.53E+04	N	1.00E+05	max	1.00E+05	max			9.13E+03	N		
Pyridine	110-86-1				1.00E-03	I			1.20E-01	S	1	0.1	6.05E+01	N	1.88E+03	N	6.67E+02	N	1.25E+02	N	3.19E+01	N		
Quinoline	91-22-5	3.00E+00	I	B2							0	0.1	1.62E-01	C	1.91E+00	C	6.38E-01	C			2.24E-02	C		
RDX (Cyclonite)	121-82-4	1.10E-01	I	CA	3.00E-03	I					0	0.1	4.42E+00	C	5.20E+01	C	1.74E+01	C			6.11E-01	C		
Resmethrin	10453-86-8				3.00E-02	I					0	0.1	1.83E+03	N	6.13E+04	N	2.05E+04	N			1.10E+03	N		
Ronnel	299-84-3				5.00E-02	H					0	0.1	3.06E+03	N	1.00E+05	max	3.42E+04	N			1.83E+03	N		
Rotenone	83-79-4				4.00E-03	I					0	0.1	2.44E+02	N	8.18E+03	N	2.74E+03	N			1.46E+02	N		
Safrole	94-59-7	2.20E-01	C				6.30E-05	C			0	0.1	2.21E+00	C	2.60E+01	C	8.71E+00	C	3.86E-02	C	3.06E-01	C		
Selenious Acid	7783-00-8				5.00E-03	I					0	0.1	3.06E+02	N	1.02E+04	N	3.42E+03	N			1.83E+02	N		
Selenium	7782-49-2				5.00E-03	I			2.00E-02	CA	0		3.91E+02	N	1.02E+04	N	5.68E+03	N	2.09E+01	N	5.00E+01	mcl	3.00E-01	6.00E+00
Silver and compounds	7440-22-4				5.00E-03	I					0		3.91E+02	N	1.02E+04	N	5.68E+03	N			1.00E+02	mcl	8.50E-01	1.70E+01
Simazine	122-34-9	1.20E-01	H		5.00E-03	I					0	0.1	4.05E+00	C	4.77E+01	C	1.60E+01	C			4.00E+00	mcl		
Sodium azide	26628-22-8				4.00E-03	I					0	0.1	2.44E+02	N	8.18E+03	N	2.74E+03	N			1.46E+02	N		
Sodium diethyldithocarbamate	148-18-5	2.70E-01	H		3.00E-02	I					0	0.1	1.80E+00	C	2.12E+01	C	7.09E+00	C			2.49E-01	C		
Sodium fluoroacetate	62-74-8				2.00E-05	I					0	0.1	1.22E+00	N	4.09E+01	N	1.37E+01	N			7.30E-01	N		
Sodium metavanadate	13718-26-8				1.00E-03	H					0	0.1	6.11E+01	N	2.04E+03	N	6.84E+02	N			3.65E+01	N		
Strontium, stable	7440-24-6				6.00E-01	I					0		4.69E+04	N	1.00E+05	max	1.00E+05	max			2.19E+04	N		
Strychnine	57-24-9				3.00E-04	I					0	0.1	1.83E+01	N	6.13E+02	N	2.05E+02	N			1.10E+01	N		
Styrene	100-42-5				2.00E-01	I			1.00E+00	I	1		1.73E+03	sat	1.73E+03	sat	1.73E+03	sat	1.04E+03	N	1.00E+02	mcl	2.00E-01	4.00E+00
2,3,7,8-TCDD (dioxin)	1746-01-6	1.50E+05	H				3.80E+01	CA			0	0.03	5.00E-05	C	1.00E-03	C	1.00E-03	C	6.40E-08	C	3.00E-05	mcl		
1,2,4,5-Tetrachlorobenzene	95-94-3				3.00E-04	I					0	0.1	1.83E+01	N	6.13E+02	N	2.05E+02	N			1.10E+01	N		
1,1,1,2-Tetrachloroethane	630-20-6	2.60E-02	I	CA	3.00E-02	I	7.40E-06	I			1		3.69E+00	C	1.99E+01	C	2.03E+01	C	3.29E-01	C	5.24E-01	C		
1,1,2,2-Tetrachloroethane	79-34-5	2.00E-01	I	CA	4.00E-03	P	5.80E-05	I			1		4.72E-01	C	2.54E+00	C	2.59E+00	C	4.20E-02	C	6.71E-02	C	2.00E-04	4.00E-03
Tetrachloroethylene (PCE)	127-18-4	5.40E-01	O		1.00E-02	I	5.90E-06	CA	2.70E-01	A	1		6.24E-01	C	4.08E+00	C	3.28E+00	C	4.12E-01	C	5.00E+00	mcl	3.00E-03	6.00E-02
2,3,4,6-Tetrachlorophenol	58-90-2				3.00E-02	I					0	0.1	1.83E+03	N	6.13E+04	N	2.05E+04	N			1.10E+03	N		
p,a,a,a-Tetrachlorotoluene	5216-25-1	2.00E+01	H								0	0.1	2.43E-02	C	2.86E-01	C	9.58E-02	C			3.36E-03	C		
Tetrachlorovinphos	961-11-5	2.40E-02	H		3.00E-02	I					0	0.1	2.03E+01	C	2.38E+02	C	7.98E+01	C			2.80E+00	C		
Tetrahydrofuran	109-99-9	7.60E-03	N		2.00E-01	N					1	0.1	8.40E+01	C	7.53E+02	C	2.52E+02	C			8.85E+00	C		
Thallic oxide	1314-32-5				7.00E-05	H					0		5.48E+00	N	1.43E+02	N	7.95E+01	N			2.58E+00	N		
Thallium					6.60E-05	I					0		5.16E+00	N	1.35E+02	N	7.49E+01				2.00E+00	mcl	4.00E-01	8.00E+00
Thallium acetate	563-68-8				6.00E-06	SC					0		4.69E-01	N	1.23E+01	N	6.81E+00	N			2.00E+00	mcl	4.00E-01	8.00E+00
Thallium carbonate	6533-73-9				2.00E-05	SC					0		1.56E+00	N	4.09E+01	N	2.27E+01	N			2.00E+00	mcl	4.00E-01	8.00E+00
Thallium chloride	7791-12-0				6.00E-06	SC					0		4.69E-01	N	1.23E+01	N	6.81E+00	N			2.00E+00	mcl	4.00E-01	8.00E+00
Thallium nitrate	10102-45-1				7.00E-06	SC					0		5.48E-01	N	1.43E+01	N	7.95E+00	N			2.00E+00	mcl	4.00E-01	8.00E+00
Thallium sulfate	7446-18-6				2.00E-05	SC					0		1.56E+00	N	4.09E+01	N	2.27E+01	N			2.00E+00	mcl	4.00E-01	8.00E+00
Thiobencarb	28249-77-6				1.00E-02	I					0	0.1	6.11E+02	N	2.04E+04	N	6.84E+03	N			3.65E+02	N		
Thiocyanate	463-56-9				2.00E-04	SC					0	0.1	1.22E+01	N	4.09E+02	N	1.37E+02	N			7.30E+00	N		
Tin and compounds	N/A				6.00E-01	H					0		4.69E+04	N	1.00E+05	max	1.00E+05	max			2.19E+04	N		
Titanium	N/A				4.00E+00	O					0		1.00E+05	max	1.00E+05	max	1.00E+05	max			1.46E+05	N	1.46E+05	2.92E+06
Toluene	108-88-3				8.00E-02	I			5.00E+00	I	1		5.21E+02	sat	5.21E+02	sat	5.21E+02	sat	5.21E+03	N	1.00E+03	mcl	6.00E-01	1.20E+01
Toluene-2,4-diamine	95-80-7	3.20E+00	H				1.10E-03	CA			0	0.1	1.52E-01	C	1.79E+00	C	5.99E-01	C	2.21E-03	C	2.10E-02	C		
Toluene-2,5-diamine	95-70-5				6.00E-01	H					0	0.1	3.67E+04	N	1.00E+05	max	1.00E+05	max			2.19E+04	N		
Toluene-2,6-diamine	823-40-5				3.00E-02	P					0	0.1	1.83E+03	N	6.13E+04	N	2.05E+04	N			1.10E+03	N		
p-Toluidine	106-49-0	3.00E-02	P		4.00E-03	SC					0	0.1	1.62E+01	C	1.91E+02	C	6.38E+01	C			2.24E+00	C		
Toxaphene	8001-35-2	1.10E+00	I	B2			3.20E-04	I			0	0.1	4.42E-01	C	5.20E+00	C	1.74E+00	C	7.60E-03	C	3.00E+00	mcl	2.00E+00	4.00E+01
Triacetin	102-76-1				8.00E+01	X					0	0.1	1.00E+05	max	1.00E+05	max	1.00E+05	max			3.00E+00	N		
1,2,4-Tribromobenzene	615-54-3				5.00E-03	I			4.00E-03	P	0	0.1	3.06E+02	N	1.02E+04	N	3.42E+03	N	4.17E+00	N	1.83E+02	N		
Tributyltin oxide (TBTO)	56-35-9				3.00E-04	I					0	0.1	1.83E+01	N	6.13E+02	N	2.05E+02	N			1.10E+01	N		
2,4,6-Trichloroaniline	634-93-5	3.40E-02	H								0	0.1	1.43E+01	C	1.68E+02	C	5.63E+01	C			1.98E+00	C		
1,2,4-Trichlorobenzene	120-82-1	2.90E-02	P		1.00E-02	I			2.00E-03	P	1		2.21E+01	C	1.97E+02	C	1.10E+02	C	2.09E+00	N	7.00E+01	mcl	3.00E-01	6.00E+00
1,1,1-Trichloroethane	71-55-6				2.00E+00	I			5.00E+00	I	1		1.39E+03	sat	1.39E+03	sat	1.39E+03	sat	5.21E+03	N	2.00E+02	mcl	1.00E-01	2.00E+00
1,1,2-Trichloroethane	79-00-5	5.70E-02	I	C	4.00E-03	I	1.60E-05	I			1		1.05E+00	C	5.51E+00	C	5.60E+00	C	1.52E-01	C	5.00E+00	mcl	9.00E-04	1.80E-02
Trichloroethylene (TCE)	79-01-6	4.00E-01	N		3.00E-04	N	2.00E-06	CA			1		1.06E+00	C	7.54E+00	C	5.49E+00	C	1.22E+00	C	5.00E+00	mcl	3.00E-03	6.00E-02
Trichlorofluoromethane	75-69-4				3.00E-01	I			7.00E-01	H	1		8.83E+02	N	1.98E+03	sat	1.98E+03	sat	7.30E+02	N	1.29E+03	N		
2,4,5-Trichlorophenol	95-95-4				1.00E-01	I					0	0.1	6.11E+03	N	1.00E+05	max	6.84E+04	N			3.65E+03	N	1.40E+01	2.80E+02
2,4,6-Trichlorophenol	88-06-2	1.10E-02	I	B2	1.00E-03	P	3.10E-06	I			0	0.1	4.42E+01	C	5.20E+02	C	1.74E+02	C	7.85E-01	C	6.11E+00	C	8.00E-03	1.60E-01
2,4,5-Trichlorophenoxyacetic Acid	93-76-5				1.00E-02	I					0	0.1	6.11E+02	N	2.04E+04	N	6.84E+03	N			3.65E+02	N		
2-(2,4,5-Trichlorophenoxy) propionic acid	93-72-1				8.00E-03	I					0	0.1	4.89E+02	N	1.64E+04	N	5.47E+03	N			5.00E+01	N		
1,1,2-Trichloropropane	598-77-6				5.00E-03	I			3.00E-04	S	1		6.28E-01	N	2.64E+00	N	2.93E+00	N	3.13E-01	N	8.24E-01	N		
1,2,3-Trichloropropane	96-18-4	3.00E+01	I		4.00E-03	I			3.00E-04	I	1		2.13E-02	C	1.91E-01	C	1.06E-01	C	3.13E-01	N	2.24E-03	C		
1,2,3-Trichloropropene	96-19-5				1.00E-02	P			1.00E-03	P	1		1.58E+00	N	6.65E+00	N	7.39E+00	N	1.04E+00	N	2.07E+00	N		
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1				3.00E+01	I			3.00E+01	H	1		5.55E+03	sat	5.55E+03	sat	5.55E+03	sat	3.13E+04	N	5.92E+04	N		
Triethylamine	121-44-8				2.00E-03	I			7.00E-03	I	1		4.56E+01	N	2.53E+02	N	2.65E+02	N	7.30E+00	N	1.22E+01	N		
1,2,4-Trimethylbenzene	95-63-6								7.00E-03	P	1		1.44E+02	N	6.04E+02	N	6.71E+02	N	7.30E+00	N	1.46E+01	N		
1,3,5-Trimethylbenzene	108-67-8				5.00E-02	P			7.00E-03	P	1		5.79E+01	N	2.46E+02	N	2.54E+02	sat	7.30E+00	N	1.45E+01	N		
Trimethyl phosphate	512-56-1	2.00E-02	P		1.00E-02	P					0	0.1	2.43E+01	C	2.86E+02	C	9.58E+01	C			3.36E+00	C		
1,3,5-Trinitrobenzene	99-35-4				3.00E-02	I					0	0.1	1.83E+03	N	6.13E+04	N	2.05E+04	N			1.10E+03	N		
Trinitrophenylmethylnitramine	479-45-8				4.00E-03	P					0	0.1	2.44E+02	N	8.18E+03	N	2.74E+03	N			1.46E+02	N		

a = Comparison Levels Based on EPA Models, IEUBK (USEPA, 1994) and TRW (USEPA, 1996), Tap Water Comparison Level = MCL.

b = Tap Water Comparison Level Based on Infant NOAEL (see IRIS)

c = I, Volatile chemical; O nonvolatile chemical.

Nevada Division of Environmental Protection
Basic Comparison Levels

Key: I=IRIS, P=PPRTV; N=NCEA; H=HEAST; CA=CalEPA; A=ATSDR; O=Other Document; S=Surrogate; x=withdrawn, *=see BCL Guidance Document

Key: C = Cancer endpoint; N = Noncancer endpoint; sat = Saturation Limit; max = Ceiling Limit

NDEP Basic Comparison Levels Jan-13 Chemical Constituents	CAS Number	TOXICITY INFORMATION SFo 1/(mg/kg-d)	Key	CANCER CLASS	RfDo (mg/kg-d)	Key	IUR (ug/m3)-1	Key	RfCi (mg/m3)	Key	VOC[c]	Skin Abs. Soils	COMPARISON LEVELS Residential Soil (mg/kg)	Key	Indoor Industrial/ Commercial Worker w/o Dermal (mg/kg)	Key	Outdoor Industrial/ Commercial Worker Soil (mg/kg)	Key	Ambient Air (µg/m³)	Key	Residential Water (µg/l)	Key	LBCLs DAF 1 (mg/kg)	DAF 20 (mg/kg)
2,4,6-Trinitrotoluene	118-96-7	3.00E-02	I	CA	5.00E-04	I					0	0.1	1.62E+01	C	1.91E+02	C	6.38E+01	C			2.24E+00	C		
Tris(1-chloro-2-propyl)phosphate	13674-84-5				1.00E-02	X					0	0.1	6.11E+02	N	2.04E+04	N	6.84E+03	N			3.65E+02	N		
Tungsten	N/A				7.50E-03	O			3.30E-03	O	0		5.67E+02	N	1.53E+04	N	6.51E+03	N	3.44E+00	N	2.74E+02	N	4.11E+01	8.22E+02
Uranium	7440-61-1				3.00E-03	I			3.00E-04	A	0		2.34E+02	N	6.11E+03	N	3.40E+03	N	3.13E-01	N	3.00E+01	mcl	1.35E+01	2.70E+02
Vanadium	7440-62-2				5.00E-03	I					0		3.91E+02	N	1.02E+04	N	5.68E+03	N			1.83E+02	N	3.00E+02	6.00E+03
Vanadium pentoxide	1314-62-1				9.00E-03	I	8.30E-03	P	7.00E-06	P	0		3.52E+02	C	1.77E+03	C	1.97E+03	C	2.93E-04	C	3.29E+02	N	3.00E+02	6.00E+03
Vinclozolin	50471-44-8				2.50E-02	I					0	0.1	1.53E+03	N	5.11E+04	N	1.71E+04	N			9.13E+02	N		
Vinyl acetate	108-05-4				1.00E+00	H			2.00E-01	I	1		9.88E+02	N	2.71E+03	sat	2.71E+03	sat	2.09E+02	N	4.12E+02	N	8.00E+00	1.60E+02
Vinyl bromide	593-60-2	1.10E-01	I		8.57E-04	I	3.20E-05	H	3.00E-03	I	1		1.12E-01	C	5.71E-01	C	6.27E-01	C	7.60E-02	C	1.22E-01	C		
Vinyl chloride	75-01-4	7.20E-01	I	A	3.00E-03	I	4.40E-06	I	1.00E-01	I	1		2.91E-01	C	2.12E+00	C	1.86E+00	C	5.53E-01	C	2.00E+00	mcl	7.00E-04	1.40E-02
Warfarin	81-81-2				3.00E-04	I					0	0.1	1.83E+01	N	6.13E+02	N	2.05E+02	N			1.10E+01	N		
m-Xylene	108-38-3				2.00E-01	I			7.00E-01	CA	1		2.14E+02	sat	2.14E+02	sat	2.14E+02	sat	7.30E+02	N	1.22E+03	N	1.00E+01	2.00E+02
o-Xylene	95-47-6				2.00E-01	I			7.00E-01	CA	1		2.62E+02	sat	2.62E+02	sat	2.62E+02	sat	7.30E+02	N	1.22E+03	N	9.00E+00	1.80E+02
p-Xylene	106-42-3				2.00E-01	I			7.00E-01	CA	1		3.75E+02	sat	3.75E+02	sat	3.75E+02	sat	7.30E+02	N	1.22E+03	N	1.00E+01	2.00E+02
Xylenes	1330-20-7				2.00E-01	I			1.00E-01	I	1	0.1	2.14E+02	sat	2.14E+02	sat	2.14E+02	sat	1.04E+02	N	1.00E+04	mcl	1.00E+01	2.00E+02
Zinc	7440-66-6				3.00E-01	I					0		2.35E+04	N	1.00E+05	max	1.00E+05	max			1.10E+04	N	6.20E+02	1.24E+04
Zinc phosphide	1314-84-7				3.00E-04	I					0		2.35E+01	N	6.13E+02	N	3.41E+02	N			1.10E+01	N		
Zineb	12122-67-7				5.00E-02	I					0	0.1	3.06E+03	N	1.00E+05	max	3.42E+04	N			1.83E+03	N		
Zirconium	7440-67-7				8.00E-05	P					0		6.26E+00	N	1.64E+02	N	9.08E+01	N			2.92E+00	N		

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b = Tap Water Comparison Level Based on Infant NOAEL (see IRIS).
c = 1, Volatile chemical; 0 nonvolatile chemical.