

Substance classification		Determinant	Target concentrations ($\mu\text{g/l}$)				
Groundwater receptors ⁽⁵⁾	Surface water receptors ⁽⁶⁾		Minimum reporting value	UK drinking water standard (or best equivalent)	EQS or best equivalent		
					Freshwater	Transitional (estuaries) and coastal waters	
-	Priority substance	Lead	-	10 ⁽²⁾	1.2 bioavailable ^(6a)	1.3 ^(6a)	
Hazardous substance	Priority hazardous substance	Mercury	0.01 ⁽⁷⁾	1 ⁽²⁾	0.07 ^(6c)	0.07 ^(6c)	
-	Priority substance	Nickel	-	20 ⁽²⁾	4.0 bioavailable ^(6a)	8.6 ^(6a)	
-	-	Selenium	-	10 ⁽²⁾	-	-	
-	Specific pollutant	Zinc	-	3,000 ⁽⁸⁾	10.9 bioavailable ^(6a)	6.8 dissolved ^(6a)	
-	Specific pollutant	Iron	-	200 ⁽²⁾	1000 ^{(6a)*1}	1000 ^{(6a) *1}	
-	Specific pollutant	Manganese	-	50 ⁽²⁾	123 bioavailable ^(6a)	-	
-	-	Aluminium	-	200 ⁽²⁾	-	-	
Hazardous substance	Priority hazardous substance	Tributyltin compounds (Tributyltin-cation)	0.001 ⁽⁷⁾	-	0.0002 ^(6a)	0.0002 ^(6a)	
-	-	Sodium	-	200,000 ⁽²⁾	-	-	
-	Specific pollutant	Cyanide (Hydrogen cyanide)	-	50 ⁽²⁾	1 ^(6a)	1 ^(6a)	
-	-	Total ammonia ^{\$} (ammonium (as NH_4^+) plus ammonia (NH_3))	-	50 ⁽²⁾	300 ^(6f)	-	
-	Specific pollutant	Ammonia un-ionised (NH_3)	-	-	-	21 ^(6a)	
-	Specific pollutant	Chlorine	-	-	2 ^(6a)	10 ^(6d)	
-	-	Chloride	-	250,000 ⁽²⁾	-	-	

Substance classification		Determinant	Target concentrations ($\mu\text{g/l}$)				
Groundwater receptors ⁽⁵⁾	Surface water receptors ⁽⁶⁾		Minimum reporting value	UK drinking water standard (or best equivalent)	EQS or best equivalent		
					Freshwater	Transitional (estuaries) and coastal waters	
-	-	Sulphate	-	250,000 ⁽²⁾	-	-	
-	-	Nitrate (as NO_3)	-	50,000 ⁽²⁾	-	-	
-	-	Nitrite (as NO_2)	-	100 ⁽²⁾	10 ⁽⁹⁾	-	
Volatile organic compounds (VOC)							
Hazardous substance	Other pollutant	Tetrachloroethene (tetrachloroethylene)	0.1 ⁽⁷⁾	10 ⁽²⁾	10 ^(6a)	10 ^(6a)	
Hazardous substance	Other pollutant	Trichloroethene (trichloroethylene)	0.1 ⁽⁷⁾	10 ⁽²⁾	10 ^(6a)	10 ^(6a)	
Hazardous substance	Specific pollutant	Tetrachloroethane	-	-	140 ^(6a)	-	
Hazardous substance	Other pollutant	Carbon tetrachloride (tetrachloromethane)	0.1 ⁽⁷⁾	3.0 ⁽²⁾	12 ^(6a)	12 ^(6a)	
Hazardous substance	Priority substance	1,2-Dichloroethane	1.0 ⁽⁷⁾	3.0 ⁽²⁾	10 ^(6a)	10 ^(6a)	
Hazardous substance	-	Vinyl chloride (chloroethene)	-	0.5 ⁽²⁾	-	-	
Hazardous substance	Priority substance	Dichloromethane	-	20 ⁽⁴⁾	20 ^(6a)	20 ^(6a)	
Hazardous substance	Priority substance	Trichlorobenzenes	0.01 ⁽⁷⁾	-	0.4 ^(6a)	0.4 ^{((6a)}	
Hazardous substance	-	Trihalomethanes	-	0.1 ^(2a)	-	-	

Substance classification		Determinant	Target concentrations ($\mu\text{g/l}$)				
Groundwater receptors ⁽⁵⁾	Surface water receptors ⁽⁶⁾		Minimum reporting value	UK drinking water standard (or best equivalent)	EQS or best equivalent		
					Freshwater	Transitional (estuaries) and coastal waters	
Hazardous substance	Priority substance	Trichloromethane (Chloroform)	0.1 ⁽⁷⁾	(see "Trihalomethanes" above)	2.5 ^(6a)	2.5 ^(6a)	
-	Priority hazardous substance	Di(2-ethylhexyl) phthalate (bis(2-ethylhexyl) phthalate, DEHP)	-	8 ⁽⁴⁾	1.3 ^(6a)	1.3 ^(6a)	
-	Specific pollutant	Benzyl butyl phthalate	-	-	7.5 ^(6a)	0.75 ^(6e)	
Hazardous substance	Priority hazardous substance	Hexachlorobutadiene	0.005 ⁽⁷⁾	0.6 ⁽⁴⁾	0.6 ^(6c)	0.6 ^(6c)	
Semi-volatile organic compounds (SVOC)							
Hazardous substance	-	Acenaphthylene (C12-C16)	-	-	5.8 ⁽¹⁰⁾		
Hazardous substance	Priority hazardous substance	Anthracene (C16-C35)	-	-	0.1 ^(6a)	0.1 ^(6a)	
Hazardous substance	Priority substance	Naphthalene (C10-C12)	-	-	2 ^(6a)	2 ^(6a)	
Hazardous substance	Priority substance	Fluoranthene (C16-C35)	-	-	0.0063 ^(6a)	0.0063 ^(6a)	

Substance classification		Determinant	Target concentrations ($\mu\text{g/l}$)				
Groundwater receptors ⁽⁵⁾	Surface water receptors ⁽⁶⁾		Minimum reporting value	UK drinking water standard (or best equivalent)	EQS or best equivalent		
					Freshwater	Transitional (estuaries) and coastal waters	
Hazardous substance	Priority hazardous substance(s)	Benzo(a)pyrene (C16-C35)	-	0.01 ⁽²⁾	0.00017 ^(6a)	0.00017 ^(6a)	
Hazardous substance		Benzo(b)fluoranthene (C16-C35)	-	0.1 ⁽²⁾	No EQS for these substances. B(a)P should be used as the indicator compound instead.		
Hazardous substance		Benzo(k)fluoranthene (C16-C35)	-				
Hazardous substance		Benzo(g,h,i)perylene (C16-C35)	-				
Hazardous substance		Indeno(1,2,3-cd) pyrene (C16-C35)	-				
-	Specific pollutant	Phenol	0.5 ⁽⁷⁾	-	7.7 ^(6a)	7.7 ^(6a)	
Hazardous substance	Specific pollutant	2,4-Dichlorophenol	0.1 ⁽⁷⁾	-	4.2 ^(6a)	0.42 ^(6a)	
Hazardous substance	Priority substance	Pentachloro-phenol (PCP)	0.1 ⁽⁷⁾	9 ⁽⁴⁾	0.4 ^(6a)	0.4 ^(6a)	
Petroleum hydrocarbons							
Hazardous substance	-	Total petroleum hydrocarbons	-	10 ⁽¹¹⁾			
Hazardous substance	Priority substance	Benzene	1 ⁽⁷⁾	1 ⁽²⁾	10 ^(6a)	8 ^(6a)	
Hazardous substance	Specific pollutant	Toluene	4 ⁽⁷⁾	700 ⁽⁴⁾	74 ^(6a)	74 ^(6a)	

Substance classification		Determinant	Target concentrations ($\mu\text{g/l}$)				
Groundwater receptors ⁽⁵⁾	Surface water receptors ⁽⁶⁾		Minimum reporting value	UK drinking water standard (or best equivalent)	EQS or best equivalent		
					Freshwater	Transitional (estuaries) and coastal waters	
Hazardous substance	-	Ethylbenzene	-	300 ⁽⁴⁾	-	-	
Hazardous substance	-	Xylene	3 ⁽⁷⁾	500 ⁽⁴⁾	-	-	
-	-	Methyl tertiary butyl ether (MTBE)	-	15 ⁽¹²⁾	-		
Pesticides, fungicides, insecticides and herbicides							
Hazardous substance	Other pollutant (Cyclodiene pesticides)	Aldrin	0.003 ⁽⁷⁾	0.03 ⁽²⁾	0.01 ^(6a)	0.005 ^(6a)	
Hazardous substance		Dieldrin	3 ⁽⁷⁾	0.03 ⁽²⁾			
Hazardous substance		Endrin	0.003 ⁽⁷⁾	0.1 ^(2b)			
Hazardous substance		Isodrin* ²	0.003 ⁽⁷⁾	0.1 ^(2b)			
Hazardous substance	Other pollutant	DDT (total)	0.006 ⁽⁷⁾	1 ⁽⁴⁾	0.025 ^(6a)	0.025 ^(6a)	
Hazardous substance	-	Total pesticides	-	0.5 ⁽²⁾	-	-	
Hazardous substance	-	Other individual pesticides	-	0.1 ⁽²⁾			
Hazardous substance	Specific pollutant	Carbendazim	-	-	0.15 ^(6a)	-	

Substance classification		Determinant	Target concentrations ($\mu\text{g/l}$)				
Groundwater receptors ⁽⁵⁾	Surface water receptors ⁽⁶⁾		Minimum reporting value	UK drinking water standard (or best equivalent)	EQS or best equivalent		
					Freshwater	Transitional (estuaries) and coastal waters	
Hazardous substance	Specific pollutant	Chlorothalonil	-	-	0.035 ^(6a)	-	
Hazardous substance	Specific pollutant (until 22/12/18, after which it becomes a Priority substance)	Cypermethrin	-	-	0.0001 ^(6a) From 22/12/18: 8.0E-5 ^(6a)	0.0001 ^(6a) From 22/12/18: 8.0E-6 ^(6a)	
Hazardous substance	Specific pollutant	Dimethoate	0.01 ⁽⁷⁾	-	0.48 ^(6a)	0.48 ^(6a)	
-	Specific pollutant	Glyphosate	-	-	196 ^(6a)	196 ^(6a)	
Hazardous substance	Specific pollutant	Linuron	0.1 ⁽⁷⁾	-	0.5 ^(6a)	0.5 ^(6a)	
-	Specific pollutant	Mecoprop	0.04 ⁽⁷⁾	-	18 ^(6a)	18 ^(6a)	
-	Specific pollutant	Methiocarb	-	-	0.01 ^(6a)	-	
-	Specific pollutant	Pendimethalin	-	20 ⁽⁴⁾	0.3 ^(6a)	-	
Hazardous substance	Specific pollutant	Permethrin	0.001 ⁽⁷⁾	-	0.001 ^(6a)	0.0002 ^(6a)	
Hazardous substance	Priority substance	Alachlor	-	20 ⁽⁴⁾	0.3 ^(6a)	0.3 ^(6a)	
Hazardous substance	Priority substance	Atrazine	0.03 ⁽⁷⁾	100 ⁽⁴⁾	0.6 ^(6a)	0.6 ^(6a)	
Hazardous substance	Priority substance	Diuron	-	-	0.2 ^(6a)	0.2 ^(6a)	

Substance classification		Determinant	Target concentrations ($\mu\text{g/l}$)				
Groundwater receptors ⁽⁵⁾	Surface water receptors ⁽⁶⁾		Minimum reporting value	UK drinking water standard (or best equivalent)	EQS or best equivalent		
					Freshwater	Transitional (estuaries) and coastal waters	
Hazardous substance	Priority hazardous substance	Endosulphan	0.005 ⁽⁷⁾	-	0.005 ^(6a)	0.0005 ^(6a)	
-	Priority substance	Isoproturon	-	9 ⁽⁴⁾	0.3 ^(6a)	0.3 ^(6a)	
Hazardous substance	Priority substance	Simazine	0.03 ⁽⁷⁾	2 ⁽⁴⁾	1 ^(6a)	1 ^(6a)	
Hazardous substance	Priority hazardous substance	Trifluralin	0.01 ⁽⁷⁾	20 ⁽⁴⁾	0.03 ^(6a)	0.03 ^(6a)	
-	From 22/12/18: Priority substance	Dichlorovos	-	-	From 22/12/18: 6.0E-4 ^(6a)	From 22/12/18: 6.0E-5 ^(6a)	
Hazardous substance	From 22/12/18: Priority substance	Heptachlor and heptachlor epoxide	-	0.03 ⁽²⁾	From 22/12/18: 2.0E-7 ^(6a)	From 22/12/18: 1.0E-08 ^(6a)	
Miscellaneous							
-	Specific pollutant	Triclosan (antibacterial agent)	-	-	0.1 ^(6a)	0.1 ^(6a)	
-	From 22/12/18: Priority hazardous substance	Perfluoro-octane sulfonic acid (and its derivatives) (PFOS)	-	-	From 22/12/18: 6.5E-4 ^(6a)	From 22/12/18: 1.3E-4 ^(6a)	
-	From 22/12/18: Priority hazardous substance	Hexabromo cyclododecane (HBCDD)	-	-	From 22/12/18: 0.0016 ^(6a)	From 22/12/18: 0.0016 ^(6a)	



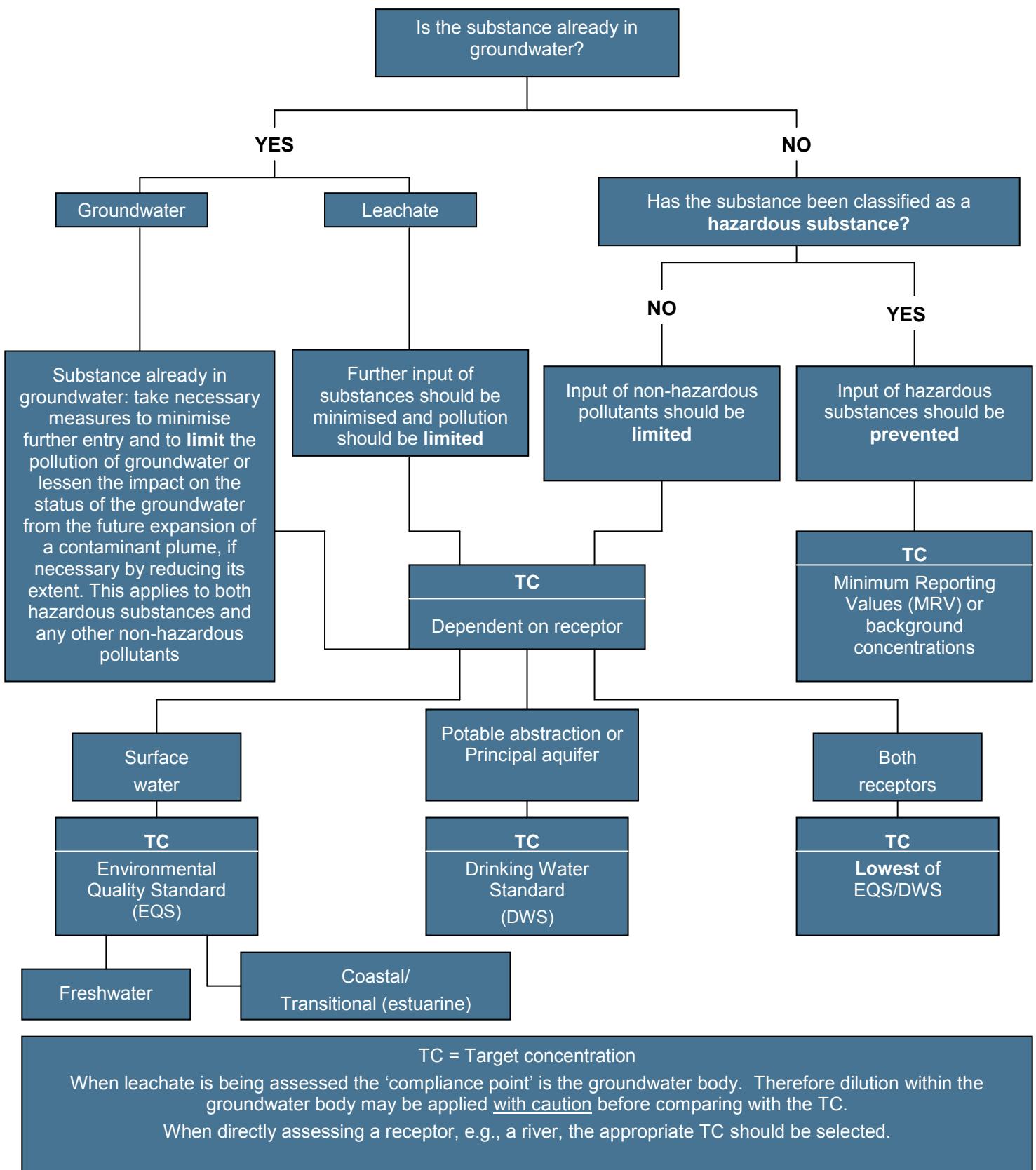
Substance classification		Determinant	Target concentrations ($\mu\text{g/l}$)								
Groundwater receptors ⁽⁵⁾	Surface water receptors ⁽⁶⁾		Minimum reporting value	UK drinking water standard (or best equivalent)	EQS or best equivalent						
					Freshwater	Transitional (estuaries) and coastal waters					
Note: '-' A target concentration is not available.											
^{\$} Please note that total ammonia (NH_4^+ and NH_3) is equivalent to ammoniacal nitrogen in laboratory reports											
^{*1} Please note that although iron is listed in the 2015 Direction as 1.000 $\mu\text{g/l}$, the EQS remains at 1mg/l in Scotland and it is assumed this is a mistake and should read either 1,000 or 1000 $\mu\text{g/l}$.											
^{*2} Please note that although Isodrin is not listed in name within the group of "Cyclodiene pesticides" in Table 1 of Schedule 3 Part 3 of the 2015 Direction ⁽⁶⁾ , the CAS number for Isodrin (465-73-6) <u>is</u> listed and therefore it is assumed that it has been missed off the named list of substances.											
"Bioavailable" in relation to copper, zinc, nickel and manganese (but not lead) is the generic EQSbioavailable ^(6a) derived from the Metal Bioavailability Assessment Tool (M-BAT) developed by the Water Framework Directive UK Technical Advisory Group (WFDTAG). Exceedance of this value should prompt a site-specific assessment using the M-BAT with pH, DOC and Ca to derive a site-specific EQS termed the PNEC _{dissolved} .											
<u>http://www.wfd.uk.org/resources/rivers-lakes-metal-bioavailability-assessment-tool-m-bat</u> . For zinc, if there is an exceedance of the EQSbioavailable in an initial GQRA, Tier 2 required that the EQS for zinc should also have the ambient background concentration of zinc added as well (as listed by catchment in Table 2).											

References

1. Environment Agency (2013), 'Groundwater Protection: Principles and Policy (GP3) v1.1'.
2. The Water Supply (Water Quality) Regulations 2000 (SI 2000/3184), as amended by SI 2001/2885, SI 2002/2469, SI 2005/2035, SI 2007/2734 and SI 2010/991
 - 2a. Sum of chloroform, bromoform, dibromochloromethane and bromodichloromethane
 - 2b. Standard applies to individual pesticides except aldrin, dieldrin, heptachlor and heptachlor epoxide, for which a separate standard is defined.
3. The Private Water Supplies (England) Regulations 2016. SI 2016 / 618
4. WHO (2011), *Guidelines for drinking-water quality*, 4th edn
5. JAGDAG list of Substances transferred from List I & II to hazardous or non hazardous. Although currently under review, the existing list of groundwater hazardous substances and non-hazardous pollutants is largely based on the former List 1 and List 2 substances which were defined under the old (now repealed) Groundwater Directive (80/68/EEC). These have been taken to be hazardous substances and non-hazardous pollutants respectively, though these may be reviewed if new information is made available. JAGDAG has developed on a methodology for substance determination to fulfil the requirements of the WFD and the Groundwater Daughter Directive, which was finalised following consultation. The current list of substances can be found at:
<http://www.wfd.uk.org/sites/default/files/Media/Substances%20transferred%20from%20List%20I%20to%20hazardous%20or%20non%20hazardous.pdf>
6. The Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015.
 - 6a. The EQS for these substances are based on a "long term mean" or an "annual average (AA)" EQS.
 - 6b. For cadmium and its compounds the EQS values vary depending on the hardness of the water as specified in five class categories (Class 1: < 40 mg CaCO₃/l, Class 2: 40 to < 50 mg CaCO₃/l, Class 3: 50 to < 100 mg CaCO₃/l, Class 4: 100 to < 200 mg CaCO₃/l and Class 5: ≥ 200 mg CaCO₃/l).
 - 6c. The EQS for Mercury and hexachlorobutadiene are based on a "maximum acceptable concentration (MAC)" EQS in absence of an "annual average (AA)" EQS.
 - 6d. The EQS for chlorine in saltwater is based on the 95th percentile concentration of total residual oxidant, which refers to the sum of all oxidising agents existing in water, expressed as available chlorine.
 - 6e. The recommended saltwater standard is derived using a safety factor of 100. Where the standard is failed, it is recommended that supporting evidence of ecological damage should be obtained before committing to expensive action.
 - 6f. EQS for total ammonia is as per Schedule 3, Part 1, Table 7 of the above directions. EQS applies to river types 1, 2 and 4 and 6 (namely upland and low alkalinity). The EQS for a lowland and high alkalinity rivers (types 3, 5 and 7) is 600µg/l (0.6mg/l).
- Additional information on the Metal Bioavailability Assessment Tool (M-BAT) is available at
<http://www.wfd.uk.org/resources/rivers-lakes-metal-bioavailability-assessment-tool-m-bat>
7. Minimum reporting values listed in Annex (J) of Horizontal Guidance Note H1 (H1 Environmental Risk Assessment Framework, Environment Agency, April 2010 v2.0). Note target concentration for xylenes is 0.003mg/l each for o-xylene and m/p xylene)

8. The Surface Waters (Abstraction for Drinking Water) (Classification) Regulations 1996 (as amended). SI 1996 / 3001
 9. Council Directive on the Quality of Fresh Waters Needing Protection or Improvement in Order to Support Fish Life (Freshwater Fish Directive) (78/659/EEC)
 10. WRc plc (2002), R&D Technical Report P45.
 11. Environment Agency (2009), 'Petroleum hydrocarbons in groundwater: supplementary guidance for hydrogeological risk assessment'.
- NOTE:** EA advice in the above document should be referred to with respect to risk rankings of TPH CWG fractions. It may be possible to eliminate low risk fractions and/or those not detected above LMDL from concern
12. Drinking Water Inspectorate (London, UK). Environmental Information Request on MTBE in drinking water. Ref. DWI 1/10/18; dated 28 November 2006. Value is based on the odour threshold for MTBE, which is lower than a health-based guideline value

FLOW CHART TO ASSIST WITH SELECTION OF TARGET CONCENTRATIONS





APPENDIX P

HASWASTE ASSESSMENT



Haswaste, developed by Dr. Iain Haslock.

The Hope Project
371475

TP/WS/BH
Depth (m)
Envirolab reference

% Moisture
pH (soil)
pH (leachate)

Arsenic
Cadmium
Copper
CrVI or Chromium
Lead
Mercury
Nickel
Selenium
Zinc

updated v5.4di

Barium
Beryllium
Vanadium
Cobalt
Manganese
Molybdenum
Antimony
Aluminum
Bismuth
Crill
Iron
Strontium
Tellurium
Thallium
Titanium
Tungsten
Ammoniacal Nitrogen
Boron

PAH (Input Total PAH OR individual PAH results)

Acenaphthene
Acenaphthylene
Anthracene
Benzo(a)anthracene
Benzo(a)pyrene
Benzo(b)fluoranthene
Benzo(k)phenylene
Benzo(k)fluoranthene
Chrysene
Dibenzo(ah)anthracene
Fluoranthene
Fluorene
Indeno(123cd)pyrene
Naphthalene
Phenanthrene
Pyrene
Coronene

Total PAHs (16 or 17)

TPH

Petrol
Blends

BH1	TP1	TP2	TP4	TP5	TP6	TP7	TP9	TP13a	TP14
1.10	0.70	0.50	0.60	0.50	0.80	0.35	0.40	0.30	0.20
16/03976/1	16/04246/1	16/04010/1	16/04010/2	16/04078/1	16/04078/2	16/04167/1	16/04078/3	16/04207/1	16/04376/1

Some Pesticides (PCBs unless otherwise stated)

Some Pesticides (POPs unless otherwise indicated)

a) The chart displays the following data:

Grade Level	Percentage Heard of Cryptocurrency
1st Grade	10%
2nd Grade	20%
3rd Grade	30%
4th Grade	40%
5th Grade	50%
6th Grade	60%
7th Grade	70%
8th Grade	80%
9th Grade	90%
10th Grade	95%
11th Grade	98%
12th Grade	99%



Haswaste, developed by Dr. Iain Haslock.

The Hope Project
371475TP/WS/BH
Depth (m)
Envirolab reference

Mutagenic HP11	$\geq 1\%$
Produces Toxic Gases HP12 Sulphide	$\geq 1,400\text{mg/kg}$
Produces Toxic Gases HP12 Cyanide	$\geq 1,200\text{mg/kg}$
Produces Toxic Gases HP12 Thiocyanate	$\geq 2,600\text{mg/kg}$
HP13 Sensitising	$\geq 10\%$

Ecotoxic HP14	≥ 1.0	<0.1% (except CompCN + Thiocyanate + Xylene + BTEX 1%).
Ecotoxic HP14	$\geq 25\%$	<0.1%
Ecotoxic HP14	$\geq 25\%$	<0.1% (except CompCN + Thiocyanate + Xylene + BTEX 1%).
Ecotoxic HP14 individual substance specific thresholds (Benzo(a)anthracene, Dibenz(ah)anthracene (or Total PAH if only used), Sn, TriPT)	$\geq 0.0025\%$	
Ecotoxic HP14 individual substance specific thresholds (Co, γ -HCH, DiBT, TriBT)	$\geq 0.025\%$	

Persistent Organic Pollutant (PCB, PBB or POP Pesticides)	$>0.005\%$
Persistent Organic Pollutant (Total Dioxins+Furans)	$>0.0000015\%$
Persistent Organic Pollutant (Individual Dioxins+Furans)	$>0.0000015\%$

BH1 1.10 16/03976/1	TP1 0.70 16/04246/1	TP2 0.50 16/04010/1	TP4 0.60 16/04010/2	TP5 0.50 16/04078/1	TP6 0.80 16/04078/2	TP7 0.35 16/04167/1	TP9 0.40 16/04078/3	TP13a 0.30 16/04207/1	TP14 0.20 16/04376/1	
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0.00444	0.00485	0.00444	0.00384	0.00404	0.00646	0.00485	0.00343	0.00626	0.00707	0.00000
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	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	0.0
0.00444	0.00485	0.00444	0.00384	0.00422	0.00646	0.00576	0.00384	0.00634	0.00749	0.00000

Ecotoxic HP14	≥ 1.0	<0.1% (except CompCN + Thiocyanate + Xylene + BTEX 1%).	0.25286	0.26156	0.30666	0.20757	0.49237	0.12349	0.18926	0.09215	0.14362	0.13836	0.00000
Ecotoxic HP14	$\geq 25\%$	<0.1%	0.06312	0.06529	0.07657	0.05180	0.12300	0.03088	0.04722	0.02294	0.03581	0.03450	0.00000
Ecotoxic HP14	$\geq 25\%$	<0.1% (except CompCN + Thiocyanate + Xylene + BTEX 1%).	0.06411	0.06629	0.07757	0.05279	0.12399	0.03087	0.04821	0.02394	0.03681	0.03549	0.00000
Ecotoxic HP14 individual substance specific thresholds (Benzo(a)anthracene, Dibenz(ah)anthracene (or Total PAH if only used), Sn, TriPT)	$\geq 0.0025\%$		0.000004	0.000004	0.000006	0.000008	0.000004	0.000004	0.000004	0.000008	0.000008	0.00000	
Ecotoxic HP14 individual substance specific thresholds (Co, γ -HCH, DiBT, TriBT)	$\geq 0.025\%$		0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
Persistent Organic Pollutant (PCB, PBB or POP Pesticides)	$>0.005\%$		0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	
Persistent Organic Pollutant (Total Dioxins+Furans)	$>0.0000015\%$		0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	
Persistent Organic Pollutant (Individual Dioxins+Furans)	$>0.0000015\%$		0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	0.0000000000	