TABLE 1. GROUND/SURFACE WATER CLEANUP LEVELS CRITERIA

CONTAMINANT	GROUND WATER							SURFACE WATER					Preliminary Method B Cleanup Level, ug/L	PQL
	ARAR								Chapter 173-201A, AWQC, or NTR Freshwater, ug/L					
	MCL, ug/L	Cancer Risk	Hazard Quotient	MTCA Method A, ug/L	Basis	MTCA Method B Formula, ug/L	Basis	MTCA Method B Formula ug/L	Acute	Chronic	Human Health	Back-ground		
TPH														
TPH				1000	aesthetics								1000	
Non-cPAHs														
acenaphthene						960	NCAR	643			1200		643	0.1
acenapthylene														
anthracene						4800	NCAR	25900			9600		4800	0.1
fluoranthene						640	NCAR	90.2			300		90.2	0.3
fluorene						640	NCAR	3460			1300		640	0.1
2-methylnaphthalene														0.1
naphthalene						320	NCAR	9880					320	0.3
phenanthrene														0.1
pyrene						480	NCAR	2590			960		480	0.3
cPAHs														
benzo(a)anthracene						0.012	CAR	0.0296			0.0028		0.0028	0.1
benzo(a)pyrene	0.2	1.67E-05				0.012	CAR	0.0296			0.0028		0.0028	0.1
benzo(b)fluoranthene						0.012	CAR	0.0296			0.0028		0.0028	0.1
benzo(k)fluoranthene						0.012	CAR	0.0296			0.0028		0.0028	0.1
benzo(ghi)perylene														0.1
chrysene						0.012	CAR	0.0296			0.0028		0.0028	0.1
dibenzo(ah)anthracene						0.012	CAR	0.0296			0.0028		0.0028	0.1
indeno(123-cd)pyrene						0.012	CAR	0.0296			0.0028		0.0028	0.1
Total cPAHs				0.1										0.1
VOCs														
acetone						800	NCAR						800	10
benzene	5	3.31E-06		5	ARAR	1.51	CAR	43			1.2		1.2	0.5
ethylbenzene	700		0.875	30	ARAR, aesthetics	800	NCAR	6910			3100		700	0.5

CAR - Carcinogen
NCAR - Noncarcinogen

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CONTAMINANT	GROUND WATER							SURFACE WATER				Back-ground	Preliminary Method B Cleanup Level, ug/L	PQL
	ARAR			MTCA Method A, ug/L	Basis	MTCA Method B Formula, ug/L	Basis	MTCA Method B Formula ug/L	Chapter 173-201A, AWQC, or NTR Freshwater, ug/L					
	MCL, ug/L	Cancer Risk	Hazard Quotient						Acute	Chronic	Human Health			
toluene	**1000**		0.625	40	ARAR, aesthetics	1600	NCAR	48500			6800		1000	0.5
xylene, total	**10000**		0.625	20	ARAR, aesthetics	16000	NCAR						10000	1
n-butylbenzene														
sec-butylbenzene														
tert-butylbenzene														
isopropylbenzene														
p-isopropylbenzene														
n-propylbenzene														
styrene	100	6.86E-05	0.0625			**1.46**	CAR						1.46	1
1,2,3-trichloropropane						**0.00625**	CAR						0.00625	1
1,3,5-trimethylbenzene														
1,4,5-trimethylbenzene														
1,2,4-trimethylbenzene														
SVOCs														
aniline						**15.4**	CAR						15.4	10
bis(2-ethylhexyl)phthalate	6	9.60E-07	0.0187			6.25	CAR	3.56			**1.8**		1.8	10
butyl benzyl phthalate						3200	NCAR	**1250**			3000		1250	5
carbazole						**4.37**	CAR						4.37	10
dibenzofuran														
di-n-octylphthalate						**320**	NCAR						320	5
2,4-dimethylphenol						**320**	NCAR	553			540		320	10
2-methylphenol														
3&4-methylphenol														
N-nitrosodiphenylamine						17.9	CAR	9.73			**5**		5	10
phenol						**9600**	NCAR	1110000			21000		9600	10
Metals														

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CONTAMINANT	GROUND WATER							SURFACE WATER						
	ARAR								Chapter 173-201A, AWQC, or NTR Freshwater, ug/L					
	MCL, ug/L	Cancer Risk	Hazard Quotient	MTCA Method A, ug/L	Basis	MTCA Method B Formula, ug/L	Basis	MTCA Method B Formula ug/L	Acute	Chronic	Human Health	Back-ground	Preliminary Method B Cleanup Level, ug/L	PQL
antimony											**14**		14	10
arsenic	50	8.57E-04	10.4	5	background	0.0583	CAR	0.0982	360	190	0.018	6	6	1
barium	2000		1.79			**1120**	NCAR		EPA recommends 1 mg/L for drinking water				1120	2
beryllium	4	1.97E-04	0.005			**0.023**	CAR	0.0793					0.0203	3
cadmium	5		0.625	5		8	NCAR	20.3	2.73	**1**		0.03	1	1
chromium (total)	100					80(hex)	NCAR	810(hex)	15(hex)	**10(hex)**		4.71	10	1
copper	1300**					592	NCAR	2660	17	**11**	1300	4	11	2
lead	15**								65	**2.5**		0.8	2.5	1
manganese						**2240**	NCAR						2240	10
mercury	2		0.417			4.8	NCAR		2.1	**0.012**	0.14		0.012	0.2
nickel	**100(s)**		0.312			320	NCAR	1100	1400	160	610		100	2
selenium	50		0.63			80	NCAR		20	**5**	170		5	1
silver*						80	NCAR	25900	**3.4**				3.4	1
thallium	2					**1.12**	NCAR	1.56			1.7		1.12	1
zinc						4800	NCAR	16500	110	**100**	9100	82	100	5
Conventionals														
cyanide	200		0.625			320	NCAR	51900	22	**5.2**	700		5.2	10
nitrate as nitrogen	**10000**		0.391			25600	NCAR						10000	100
PCBs						0.00114	CAR	**2.70E-05**			**2.70E-05**		2.70E-05	0.65

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