

Contaminant of Concern	Cleanup Concentration (mg/kg unless otherwise noted)	BKGD 1 (HRL)	BKGD 2 (HRL)	BKGD 3 (HRL)	EOW#2BG_01 (KLF)	EOW#3BG_01 (KLF)	Emerald C134 Background @ 3ft	Background 6 @ 1ft (KLF)	Background 6 @ 3ft (KLF)	Background 6 @ 6ft 10in (KLF)
Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons)	500	-	-	-	ND	ND	-	ND	ND	ND
GRO (C6-C10)		-	-	-	ND	ND	-	ND	ND	ND
DRO (C10-C28)		-	-	-	ND	ND	-	ND	ND	ND
ORO (C35)		-	-	-	ND	ND	-	ND	ND	ND
Soils and Groundwater - liquid hydrocarbons including condensate and oil	Below Visual Detection Limits	-	-	-	Below Visual Detection Limits	Below Visual Detection Limits	-	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits
Electrical conductivity (EC) (by saturated paste method)	<4mmhos/cm	0.34	0.178	2.53	2.11	0.544	0.186	1.56	3.61	5.88
Sodium adsorption ratio (SAR) (by saturated paste method)	<6 SAR units	0.315	0.158	0.26	0.242	3.15	2.48	0.299	0.551	2.45
pH (by saturated paste method)	6-8.3 pH units.	8.35	8.66	7.89	8.05	8.42	-	8.52	8.29	8.47
Boron (hot water soluble soil extract)	2 mg/l	-	-	-	0.185	0.235	-	-	-	-
Organic Compounds in Soils										
benzene	1.2	-	-	-	ND	ND	-	-	-	-
toluene	490	-	-	-	ND	ND	-	-	-	-
ethylbenzene	5.8	-	-	-	ND	ND	-	-	-	-
xylenes (sum of o-, m- and p- isomers = total xylenes)	58	-	-	-	ND	ND	-	-	-	-
1,2,4-trimethylbenzene	30	-	-	-	ND	ND	-	-	-	-
1,3,5-trimethylbenzene	27	-	-	-	ND	ND	-	-	-	-
acenaphthene	360	-	-	-	ND	ND	-	-	-	-
anthracene	1800	-	-	-	ND	ND	-	-	-	-
benz(a)anthracene	1.1	-	-	-	ND	ND	-	-	-	-
benzo(b)fluoranthene	1.1	-	-	-	ND	ND	-	-	-	-
benzo(k)fluoranthene	11	-	-	-	ND	ND	-	-	-	-
benzo(a)pyrene	0.11	-	-	-	ND	ND	-	-	-	-
chrysene	110	-	-	-	ND	ND	-	-	-	-
dibenzo(a,h)anthracene	0.11	-	-	-	ND	ND	-	-	-	-
fluoranthene	240	-	-	-	ND	ND	-	-	-	-
fluorene	240	-	-	-	ND	ND	-	-	-	-
indeno(1,2,3-cd)pyrene	1.1	-	-	-	ND	ND	-	-	-	-
pyrene	-	-	-	-	ND	ND	-	-	-	-
1-methylnaphthalene	18	-	-	-	ND	ND	-	-	-	-
2-methylnaphthalene	24	-	-	-	ND	ND	-	-	-	-
naphthalene	2	-	-	-	ND	ND	-	-	-	-
Metals in Soils										
arsenic	0.68	8.08	6.41	5.56	6.18	4.67	-	5.01	6.33	5.21
barium	15000	-	-	-	66.1	101	-	-	-	-
cadmium	71	-	-	-	ND	0.252	-	-	-	-
chromium (VI)	0.3	-	-	-	ND	ND	-	-	-	-
copper	3100	-	-	-	12.0	12.5	-	-	-	-
lead	400	-	-	-	13.8	13.4	-	-	-	-
nickel	1500	-	-	-	16.9	14.5	-	-	-	-
selenium	390	-	-	-	1.84	1.33	-	-	-	-
silver	390	-	-	-	0.0872	0.0939	-	-	-	-
zinc	23000	-	-	-	71.8	59.2	-	-	-	-

Greater than Table 915-1
Standards

Contaminant of Concern	Cleanup Concentration (mg/kg unless otherwise noted)	Background 7 @ 1ft (KLF)	Background 7 @ 3ft (KLF)	Background 7 @ 7ft 6in (KLF)	Background 8 @ 1ft (KLF)	Background 8 @ 3ft (KLF)	Background 8 @ 7ft 1in (KLF)	Background 9 @ 1ft (KLF)	Background 9 @ 3ft (KLF)	Background 9 @ 7ft 7in (KLF)
Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons)	500	ND	ND	ND	ND	ND	ND	ND	ND	ND
GRO (C6-C10)		ND	ND	ND	ND	ND	ND	ND	ND	ND
DRO (C10-C28)		ND	ND	ND	ND	ND	ND	ND	ND	ND
ORO (C35)		ND	ND	ND	ND	ND	ND	ND	ND	ND
Soils and Groundwater - liquid hydrocarbons including condensate and oil	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits
Electrical conductivity (EC) (by saturated paste method)	<4mmhos/cm	2.28	5.36	10.4	2.00	3.08	4.92	2.29	4.22	9.01
Sodium adsorption ratio (SAR) (by saturated paste method)	<6 SAR units	0.466	1.35	1.88	0.0876	0.206	0.286	0.182	0.466	0.880
pH (by saturated paste method)	6-8.3 pH units.	9.04	8.34	8.41	7.94	8.12	8.16	8.08	8.19	8.05
Boron (hot water soluble soil extract)	2 mg/l	-	-	-	-	-	-	-	-	-
Organic Compounds in Soils										
benzene	1.2	-	-	-	-	-	-	-	-	-
toluene	490	-	-	-	-	-	-	-	-	-
ethylbenzene	5.8	-	-	-	-	-	-	-	-	-
xylenes (sum of o-, m- and p-isomers = total xylenes)	58	-	-	-	-	-	-	-	-	-
1,2,4-trimethylbenzene	30	-	-	-	-	-	-	-	-	-
1,3,5-trimethylbenzene	27	-	-	-	-	-	-	-	-	-
acenaphthene	360	-	-	-	-	-	-	-	-	-
anthracene	1800	-	-	-	-	-	-	-	-	-
benz(a)anthracene	1.1	-	-	-	-	-	-	-	-	-
benzo(b)fluoranthene	1.1	-	-	-	-	-	-	-	-	-
benzo(k)fluoranthene	11	-	-	-	-	-	-	-	-	-
benzo(a)pyrene	0.11	-	-	-	-	-	-	-	-	-
chrysene	110	-	-	-	-	-	-	-	-	-
dibenzo(a,h)anthracene	0.11	-	-	-	-	-	-	-	-	-
fluoranthene	240	-	-	-	-	-	-	-	-	-
fluorene	240	-	-	-	-	-	-	-	-	-
indeno(1,2,3-cd)pyrene	1.1	-	-	-	-	-	-	-	-	-
pyrene	-	-	-	-	-	-	-	-	-	-
1-methylnaphthalene	18	-	-	-	-	-	-	-	-	-
2-methylnaphthalene	24	-	-	-	-	-	-	-	-	-
naphthalene	2	-	-	-	-	-	-	-	-	-
Metals in Soils										
arsenic	0.68	4.76	4.72	6.12	6.36	5.99	6.14	5.43	5.67	5.11
barium	15000	-	-	-	-	-	-	-	-	-
cadmium	71	-	-	-	-	-	-	-	-	-
chromium (VI)	0.3	-	-	-	-	-	-	-	-	-
copper	3100	-	-	-	-	-	-	-	-	-
lead	400	-	-	-	-	-	-	-	-	-
nickel	1500	-	-	-	-	-	-	-	-	-
selenium	390	-	-	-	-	-	-	-	-	-
silver	390	-	-	-	-	-	-	-	-	-
zinc	23000	-	-	-	-	-	-	-	-	-

Greater than Table 915-1
Standards

Contaminant of Concern	Cleanup Concentration (mg/kg unless otherwise noted)	Background 10 @ 1ft (KLF)	Background 10 @ 3ft (KLF)	Background 10 @ 7ft 2in (KLF)	Background 11 @ 1ft (KLF)	Background 11 @ 3ft (KLF)	Background 11 @ 6ft 8in (KLF)	Background 12 @ 1ft (KLF)	Background 12 @ 3ft (KLF)	Background 12 @ 7ft 8in (KLF)
Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons)	500	ND	ND	ND	ND	ND	ND	ND	ND	ND
GRO (C6-C10)		ND	ND	ND	ND	ND	ND	ND	ND	ND
DRO (C10-C28)		ND	ND	ND	ND	ND	ND	ND	ND	ND
ORO (C35)		ND	ND	ND	ND	ND	ND	ND	ND	ND
Soils and Groundwater - liquid hydrocarbons including condensate and oil	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits
Electrical conductivity (EC) (by saturated paste method)	<4mmhos/cm	0.244	3.24	5.18	1.72	1.64	2.45	2.05	2.48	5.41
Sodium adsorption ratio (SAR) (by saturated paste method)	<6 SAR units	0.120	0.189	0.512	0.00596	0.00951	0.0899	0.0198	0.0654	0.681
pH (by saturated paste method)	6-8.3 pH units.	7.95	7.96	8.11	8.01	7.98	8.05	8.06	8.08	8.29
Boron (hot water soluble soil extract)	2 mg/l	-	-	-	-	-	-	-	-	-
Organic Compounds in Soils										
benzene	1.2	-	-	-	-	-	-	-	-	-
toluene	490	-	-	-	-	-	-	-	-	-
ethylbenzene	5.8	-	-	-	-	-	-	-	-	-
xylenes (sum of o-, m- and p- isomers = total xylenes)	58	-	-	-	-	-	-	-	-	-
1,2,4-trimethylbenzene	30	-	-	-	-	-	-	-	-	-
1,3,5-trimethylbenzene	27	-	-	-	-	-	-	-	-	-
acenaphthene	360	-	-	-	-	-	-	-	-	-
anthracene	1800	-	-	-	-	-	-	-	-	-
benz(a)anthracene	1.1	-	-	-	-	-	-	-	-	-
benzo(b)fluoranthene	1.1	-	-	-	-	-	-	-	-	-
benzo(k)fluoranthene	11	-	-	-	-	-	-	-	-	-
benzo(a)pyrene	0.11	-	-	-	-	-	-	-	-	-
chrysene	110	-	-	-	-	-	-	-	-	-
dibenzo(a,h)anthracene	0.11	-	-	-	-	-	-	-	-	-
fluoranthene	240	-	-	-	-	-	-	-	-	-
fluorene	240	-	-	-	-	-	-	-	-	-
indeno(1,2,3-cd)pyrene	1.1	-	-	-	-	-	-	-	-	-
pyrene	-	-	-	-	-	-	-	-	-	-
1-methylnaphthalene	18	-	-	-	-	-	-	-	-	-
2-methylnaphthalene	24	-	-	-	-	-	-	-	-	-
naphthalene	2	-	-	-	-	-	-	-	-	-
Metals in Soils										
arsenic	0.68	5.06	6.46	6.50	5.76	5.52	5.41	5.71	4.97	4.16
barium	15000	-	-	-	-	-	-	-	-	-
cadmium	71	-	-	-	-	-	-	-	-	-
chromium (VI)	0.3	-	-	-	-	-	-	-	-	-
copper	3100	-	-	-	-	-	-	-	-	-
lead	400	-	-	-	-	-	-	-	-	-
nickel	1500	-	-	-	-	-	-	-	-	-
selenium	390	-	-	-	-	-	-	-	-	-
silver	390	-	-	-	-	-	-	-	-	-
zinc	23000	-	-	-	-	-	-	-	-	-

Greater than Table 915-1
Standards

Contaminant of Concern	Cleanup Concentration (mg/kg unless otherwise noted)	Background 13 @ 1ft (KLF)	Background 13 @ 3ft (KLF)	Background 13 @ 7ft 4in (KLF)
Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons)	500	ND	ND	ND
GRO (C6-C10)		ND	ND	ND
DRO (C10-C28)		ND	ND	ND
ORO (C35)		ND	ND	ND
Soils and Groundwater - liquid hydrocarbons including condensate and oil	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits	Below Visual Detection Limits
Electrical conductivity (EC) (by saturated paste method)	<4mmhos/cm	2.36	4.31	5.85
Sodium adsorption ratio (SAR) (by saturated paste method)	<6 SAR units	0.0472	0.327	0.736
pH (by saturated paste method)	6–8.3 pH units.	8.06	8.23	8.29
Boron (hot water soluble soil extract)	2 mg/l	-	-	-
Organic Compounds in Soils				
benzene	1.2	-	-	-
toluene	490	-	-	-
ethylbenzene	5.8	-	-	-
xylenes (sum of o-, m- and p- isomers = total xylenes)	58	-	-	-
1,2,4-trimethylbenzene	30	-	-	-
1,3,5-trimethylbenzene	27	-	-	-
acenaphthene	360	-	-	-
anthracene	1800	-	-	-
benz(a)anthracene	1.1	-	-	-
benzo(b)fluoranthene	1.1	-	-	-
benzo(k)fluoranthene	11	-	-	-
benzo(a)pyrene	0.11	-	-	-
chrysene	110	-	-	-
dibenzo(a,h)anthracene	0.11	-	-	-
fluoranthene	240	-	-	-
fluorene	240	-	-	-
indeno(1,2,3-cd)pyrene	1.1	-	-	-
pyrene	-	-	-	-
1-methylnaphthalene	18	-	-	-
2-methylnaphthalene	24	-	-	-
naphthalene	2	-	-	-
Metals in Soils				
arsenic	0.68	6.60	6.05	7.19
barium	15000	-	-	-
cadmium	71	-	-	-
chromium (VI)	0.3	-	-	-
copper	3100	-	-	-
lead	400	-	-	-
nickel	1500	-	-	-
selenium	390	-	-	-
silver	390	-	-	-
zinc	23000	-	-	-

Greater than Table 915-1
Standards

Contaminant of Concern	Highest Background Concentration (mg/kg unless otherwise noted)	Highest Background Concentration*1.25 (Metals Only)
Electrical conductivity (EC) (by saturated paste method)	10.4	N/A
Sodium adsorption ratio (SAR) (by saturated paste method)	3.15	N/A
pH (by saturated paste method)	9.04	N/A
Arsenic	8.08	10.1