

TABLE D-6  
RANGE OF DETECTED ORGANIC CONSTITUENTS IN SURFACE WATER DRAINAGE SAMPLES  
CASMALIA RESOURCES SUPERFUND SITE REMEDIAL INVESTIGATION

Parameter	Units	A Drainage	Lower C Drainage	North Drainage	RCRA Canyon	Upper C Drainage
<b>Dioxins</b>						
1,2,3,4,6,7,8-HpCDD	pg/l	ND	6.54-202	6.91-57.9	ND-5.12	8.59-278
1,2,3,4,6,7,8-HpCDF	pg/l	ND	ND-11.6	ND-7.56	ND	ND
1,2,3,4,7,8-HxCDD	pg/l	ND	ND-6.11	ND-0.666	ND	ND-7.53
1,2,3,4,7,8-HxCDF	pg/l	ND	ND	ND-2.06	ND	ND
1,2,3,6,7,8-HxCDD	pg/l	ND	ND-21.2	ND-20.1	ND	ND-26.9
1,2,3,6,7,8-HxCDF	pg/l	ND	ND-3.66	ND-3.21	ND	ND
1,2,3,7,8,9-HxCDD	pg/l	ND	ND-25.4	ND-24.6	ND	ND-30.5
1,2,3,7,8,9-HxCDF	pg/l	ND	ND-10	ND-6.59	ND	ND-10.8
1,2,3,7,8-PeCDD	pg/l	ND	ND	ND-2.45	ND	ND
OCDD	pg/l	18.4-18.4	145-6930	135-1020	15.6-35.6	203-9650
OCDF	pg/l	ND	ND-14.9	ND-12	ND	ND
Total TEQ	pg/l	0.00552-0.00552	0.1089-10.4971	0.1096-9.067977	0.00468-0.06188	0.1468-13.248
<b>Poor Purging Organics</b>						
Acetone	µg/l	ND	ND-1100	ND-320	ND	ND
Acetonitrile	µg/l	ND	ND-3700	ND	ND	ND
Ethylene glycol	µg/l	4100-4100	4600-6400	4000-4000	3800-3800	5300-5300
Methyl isobutyl ketone (MIBK)	µg/l	ND	ND	ND-490	ND	ND
<b>Semi Volatile Organic Compounds</b>						
Benzo(a)anthracene	µg/l	ND	ND-0.011	ND-0.011	ND	ND-0.01
Benzo(a)pyrene	µg/l	ND	ND	ND-0.016	ND	ND
Benzo(b)fluoranthene	µg/l	ND	ND	ND-0.057	ND-0.054	ND
Benzo(g,h,i)perylene	µg/l	ND	ND	ND-0.016	ND	ND
Bis(2-chloroethyl)ether	µg/l	ND	ND-0.016	ND-0.092	ND-0.089	ND
Bis(2-ethylhexyl)phthalate	µg/l	ND	ND-1.3	ND-1.6	ND	ND
Chrysene	µg/l	ND	ND	ND-0.011	ND	ND
Dibenzo(a,h)anthracene	µg/l	ND	ND	ND-0.022	ND	ND
Hexachlorobutadiene	µg/l	ND	ND	ND	ND-0.44	ND
Hexachloropropene	µg/l	ND	ND	ND-0.019	ND	ND
Naphthalene	µg/l	0.03-0.03	ND	ND	ND	ND
N-Nitrosodiethylamine	µg/l	ND	ND	ND-0.067	ND	ND
N-Nitrosodipropylamine	µg/l	0.05-0.05	ND-0.1	ND-0.086	0.05-0.053	ND-0.068
N-Nitrosopyrrolidine	µg/l	ND	ND	ND-0.094	ND-0.09	ND
<b>Volatile Organic Compounds</b>						
Carbon disulfide	µg/l	ND	ND-0.59	ND	ND	ND
Nonanal	µg/l	ND	ND	ND-0.91	ND-1.4	ND
p-Isopropyltoluene	µg/l	ND	ND	ND-0.29	ND	ND

**Footnotes:**

µg/l = micrograms per liter

mg/l = milligrams per liter

pg/l = picograms per liter

ND = Parameter was not detected at or above the method detection limit