

Parametro [mg/Kg]		C.L.A. Col.A ALL.5 degli Allegati alla Parte Quarta del D.L.vo 152/06	C.L.A. Col.B ALL.5 degli Allegati alla Parte Quarta del D.L.vo 152/06	CAMP S2-C1 0,40 - 1,00 m		
Criterio di conformità del parametro:						
Parametri organici: ΔC [%] <100%						
Metalli: ΔC [%] <50%						
			ARPAL	Δ C %	Ambiente	
Arsenico	20	50	2.5	-79.330	1.1	
Cromo totale	150	800	47	-29.380	34.96	
Cadmio	2	15	0.08	OK	<0.2	
Mercurio	1	5	0.024	OK	<0.1	
Nichel	120	500	41	-31.933	29.71	
Piombo	100	1000	<25	OK	5.22	
Rame	120	600	12	-24.299	9.4	
Zinco	150	1500	30	-22.758	23.87	
Σ Idrocarburi C≤12	10	250	<5	OK	<1	
Idrocarburi C>12	50	750	82	-54.264	47	
Benzene	0.1	2	<0.04	OK	<0.01	
Etilbenzene	0.5	50	<0.04	OK	<0.05	
Stirene	0.5	50	<0.04	OK	<0.05	
Toluene	0.5	50	<0.04	OK	<0.05	
Σ Xileni	0.5	50	<0,08	OK	<0.05	
Benzo(a)pirene	0.1	10	0.012	OK	0.05	
Benzo(b)fluorantene	0.5	10	<0.01	OK	0.06	
Benzo(g,h,i)perilene	0.1	10	0.013	OK	0.05	
Crisene	5	50	<0.01	OK	0.039	
Benzo(k)fluorantene	0.5	10	<0.01	OK	0.022	
Dibenzo(a,h)antracene	0.1	10	<0.01	OK	0.019	
Dibenzo(a,e)pirene	0.1	10	<0.01	OK	0.029	
Dibenzo(a,l)pirene	0.1	10	<0.01	OK	0.026	
Dibenzo(a,i)pirene	0.1	10	<0.01	OK	<0.01	
Dibenzo(a,h)pirene	0.1	10	<0.01	OK	<0.01	
Indeno(1,2,3 cd)pirene	0.1	5	<0.01	OK	0.05	
Pirene	5	50	<0.01	OK	0.042	
Benzo(a)antracene	0.5	10	<0.01	OK	0.024	
Tricloroetilene	1	10	<0,03	OK	<0.01	
Tetracloroetilene	0.5	20	<0.01	OK	<0.01	
PCB	0,06	5	<0.03	OK	<0.006	

N.B.

$$\Delta C = \frac{\frac{C_{ambiente}}{CLA} - \frac{C_{ARPAL}}{CLA}}{\frac{1}{2} \left[\frac{C_{ambiente}}{CLA} + \frac{C_{ARPAL}}{CLA} \right]}$$

Critero di conformità del parametro:
Parametri organici: ΔC [%] <100%
Metalli: ΔC [%] <50%

Parametro [mg/Kg]	C.L.A. Col.A ALL.5 degli Allegati alla Parte Quarta del D.L.vo 152/06	C.L.A. Col.B ALL.5 degli Allegati alla Parte Quarta del D.L.vo 152/06	CAMP S3-C3 2,00 - 3,00 m		
			ARPAL	Δ C %	Ambiente
Arsenico	20	50	1.8	-4.545	1.7
Cromo totale	150	800	89	-22.181	71.23
Cadmio	2	15	0.05	OK	<0.2
Mercurio	1	5	0.027	OK	<0.1
Nichel	120	500	98	-10.447	88.27
Piombo	100	1000	<25	OK	6.2
Rame	120	600	10	2.567	10.26
Zinco	150	1500	27	11.847	30.4
Idrocarburi C6-C10			<3		
Idrocarburi C10-C12			<5		
Σ Idrocarburi C≤12	10	250	<5	OK	<1
Idrocarburi C>12	50	750	<10	OK	14
Benzene	0.1	2	<0.04	OK	<0.01
Etilbenzene	0.5	50	<0.04	OK	<0.05
Stirene	0.5	50	<0.04	OK	<0.05
Toluene	0.5	50	<0.04	OK	<0.05
orto-Xilene			<0,04		
meta+para-xilene			<0.08		
Σ Xileni	0.5	50	<0,08	OK	<0.05
Benzo(a)pirene	0.1	10	<0.01	OK	<0.07
Benzo(b)fluorantene	0.5	10	<0.01	OK	<0.01
Benzo(g,h,i)perilene	0.1	10	<0.01	OK	<0.01
Crisene	5	50	<0.01	OK	0.026
Benzo(k)fluorantene	0.5	10	<0.01	OK	<0.01
Dibenzo(a,h)antracene	0.1	10	<0.01	OK	<0.01
Dibenzo(a,e)pirene	0.1	10	<0.01	OK	<0.01
Dibenzo(a,l)pirene	0.1	10	<0.01	OK	<0.01
Dibenzo(a,i)pirene	0.1	10	<0.01	OK	<0.01
Dibenzo(a,h)pirene	0.1	10	<0.01	OK	<0.01
Indeno(1,2,3 cd)pirene	0.1	5	<0.01	OK	<0.01
Pirene	5	50	<0.01	OK	0.013
Benzo(a)antracene	0.5	10	<0.01	OK	0.016
Tricloroetilene	1	10	<0.03	OK	<0.01
Tetracloroetilene	0.5	20	<0.01	OK	<0.01
PCB	0,06	5	<0.03	OK	<0.006

N.B.

$$\Delta C = \frac{\frac{C_{ambiente}}{CLA} - \frac{C_{ARPAL}}{CLA}}{\frac{1}{2} \left[\frac{C_{ambiente}}{CLA} + \frac{C_{ARPAL}}{CLA} \right]}$$

		Criterio di conformità del parametro:			
		Parametri organici: ΔC [%] <100%			
		Metalli: ΔC [%] <50%			
Parametro [mg/Kg]	C.L.A. Col.A ALL.5 degli Allegati alla Parte Quarta del D.L.vo 152/06	C.L.A. Col.B ALL.5 degli Allegati alla Parte Quarta del D.L.vo 152/06	CAMP S4-C3 2.00 - 3,00 m		
			ARPAL	Δ C %	Ambiente
Arsenico	20	50	5.5	-33.794	3.9
Cromo totale	150	800	47	-70.309	22.55
Cadmio	2	15	0.07	OK	<0.2
Mercurio	1	5	0.238	OK	<0.1
Nichel	120	500	39	-63.158	20.28
Piombo	100	1000	44	-68.088	21.65
Rame	120	600	23	-25.545	17.79
Zinco	150	1500	84	-26.369	64.43
Idrocarburi C6-C10			<3		
Idrocarburi C10-C12			<5		
Σ Idrocarburi C≤12	10	250	<5	OK	<1
Idrocarburi C>12	50	750	<10	OK	<5
Benzene	0.1	2	<0.04	OK	<0.01
Etilbenzene	0.5	50	<0.04	OK	<0.05
Stirene	0.5	50	<0.04	OK	<0.05
Toluene	0.5	50	<0.04	OK	<0.05
orto-Xilene			<0,04		
meta+para-xilene			<0.08		
Σ Xileni	0.5	50	<0,08	OK	<0.05
Benzo(a)pirene	0.1	10	0.023	-13.953	0.02
Benzo(b)fluorantene	0.5	10	0.021	-4.878	0.02
Benzo(g,h,i)perilene	0.1	10	0.017	-51.852	0.01
Crisene	5	50	0.018	10.526	0.02
Benzo(k)fluorantene	0.5	10	0.011	OK	<0.01
Dibenzo(a,h)antracene	0.1	10	<0.01	OK	<0.01
Dibenzo(a,e)pirene	0.1	10	<0.01	OK	<0.01
Dibenzo(a,l)pirene	0.1	10	<0.01	OK	<0.01
Dibenzo(a,i)pirene	0.1	10	<0.01	OK	<0.01
Dibenzo(a,h)pirene	0.1	10	<0.01	OK	<0.01
Indeno(1,2,3 cd)pirene	0.1	5	0.013	-8.000	0.012
Pirene	5	50	0.026	-21.277	0.021
Benzo(a)antracene	0.5	10	0.018	5.405	0.019
Tricloroetilene	1	10	<0.03	OK	<0.01
Tetracloroetilene	0.5	20	<0.01	OK	<0.01
PCB	0,06	5	<0.03	OK	<0.006


N.B.

$$\Delta C = \frac{\frac{C_{ambiente}}{CLA} - \frac{C_{ARPAL}}{CLA}}{\frac{1}{2} \left[\frac{C_{ambiente}}{CLA} + \frac{C_{ARPAL}}{CLA} \right]}$$

		Criterio di conformità del parametro:			
		Parametri organici: ΔC [%] <100%			
		Metalli: ΔC [%] <50%			
Parametro [mg/Kg]	C.L.A. Col.A ALL.5 degli Allegati alla Parte Quarta del D.L.vo 152/06	C.L.A. Col.B ALL.5 degli Allegati alla Parte Quarta del D.L.vo 152/06	CAMP S5-C2 1,00 - 2,00 m		
			ARPAL	Δ C %	Ambiente
Arsenico	20	50	2.3	-42.105	1.5
Cromo totale	150	800	245	-107.104	74.11
Cadmio	2	15	0.07	OK	<0.2
Mercurio	1	5	0.035	OK	<0.1
Nichel	120	500	131	-83.136	54.07
Piombo	100	1000	<25	OK	5.92
Rame	120	600	13	-30.394	9.57
Zinco	150	1500	36	-3.332	34.82
Idrocarburi C6-C10			<3		
Idrocarburi C10-C12			<5		
Σ Idrocarburi C≤12	10	250	<5	OK	<1
Idrocarburi C>12	50	750	<10	OK	7
Benzene	0.1	2	<0.04	OK	<0.01
Etilbenzene	0.5	50	<0.04	OK	<0.05
Stirene	0.5	50	<0.04	OK	<0.05
Toluene	0.5	50	<0.04	OK	<0.05
orto-Xilene			<0,04		
meta+para-xilene			<0,08		
Σ Xileni	0.5	50	<0,08	OK	<0.05
Benzo(a)pirene	0.1	10	0.01	OK	0.028
Benzo(b)fluorantene	0.5	10	<0.01	OK	0.026
Benzo(g,h,i)perilene	0.1	10	<0.01	OK	0.014
Crisene	5	50	<0.01	OK	0.01
Benzo(k)fluorantene	0.5	10	<0.01	OK	0.02
Dibenzo(a,h)antracene	0.1	10	<0.01	OK	0.02
Dibenzo(a,e)pirene	0.1	10	<0.01	OK	0.022
Dibenzo(a,l)pirene	0.1	10	<0.01	OK	0.022
Dibenzo(a,i)pirene	0.1	10	<0.01	OK	<0.01
Dibenzo(a,h)pirene	0.1	10	<0.01	OK	<0.01
Indeno(1,2,3 cd)pirene	0.1	5	<0.01	OK	0.02
Pirene	5	50	<0.01	OK	0.02
Benzo(a)antracene	0.5	10	<0.01	OK	0.022
Tricloroetilene	1	10	<0.03	OK	<0.01
Tetracloroetilene	0.5	20	<0.01	OK	<0.01
PCB	0,06	5	<0.03	OK	<0.006

N.B.

$$\Delta C = \frac{\frac{C_{ambiente}}{CLA} - \frac{C_{ARPAL}}{CLA}}{\frac{1}{2} \left[\frac{C_{ambiente}}{CLA} + \frac{C_{ARPAL}}{CLA} \right]}$$

 ARPAL <small>Agenzia Regionale Protezione Ambiente Ligure</small>		SITO: LSCT S.p.A.		
		Criterio di conformità del parametro:		
		Parametri organici: ΔC [%] <100%		
		Metalli: ΔC [%] <50%		
Parametro [mg/Kg]	C.L.A. ALL.5 alla Parte Quarta D.L.vo 152/06 (μg/l)	CAMP Pz9- H2O		
		ARPAL	Δ C %	Ambiente
Arsenico	10	2.6	20.380	3.2
Cromo VI	5	<3	OK	<0.5
Cromo totale	50	<1	OK	<5
Cadmio	5	<0.2	OK	0.5
Mercurio	1	<0.2	OK	<0,1
Nichel	20	1.5	OK	<2
Piombo	10	<0.5	OK	<1
Rame	1000	1.6	OK	<10
Zinco	3000	<50	OK	48.53
Cloruri		450	-21.130	364
Solfati (mg/l)	250	78	-2.980	75.71
Idrocarburi totali	350	<8	NO	47
Benzene	1	<0.15	OK	<0,1
Etilbenzene	50	0.11	OK	<1
Stirene	25	<0.1	OK	<1
Toluene	15	0.26	OK	<1
Σ Xileni	10	1.34	OK	<1
Benzo(a)pirene	0,01	<0.004	OK	<0.001
Benzo(b)fluorantene	0.1	<0.009	OK	<0.01
Benzo(g,h,i)perilene	0.01	<0.004	OK	<0.001
Crisene	5	0.011	OK	<0.5
Benzo(k)fluorantene	0.05	<0.001	OK	<0.005
Dibenzo(a,h)antracene	0.01	<0,01	OK	<0.001
Indeno(1,2,3 cd)pirene	0.1	<0.01	OK	<0.01
Pirene	50	0.114	OK	<5
Benzo(a)antracene	0.1	0.009	OK	<0.01
Tricloroetilene	1.5	<0.01	OK	<0.01
tetracloroetilene	1.1	<0.005	OK	<0.01
PCB	0.01	<0.005	OK	<0.001

N.B.

$$\Delta C = \frac{\frac{C_{ambiente}}{CLA} - \frac{C_{ARPAL}}{CLA}}{\frac{1}{2} \left[\frac{C_{ambiente}}{CLA} + \frac{C_{ARPAL}}{CLA} \right]}$$