

Preg.mi

- **Provincia della Spezia**
Settore Gestione Ambiente e Tutela Ambientale
- **Comune della Spezia**
Dipartimento II "Territorio e politiche ambientali"
- **Regione Liguria**
Dipartimento Territorio
Vice Direzione Ambiente
Settore Ecologia

OGGETTO: trasmissione dati metalli I TRIMESTRE 2018.

Si trasmettono in allegato i dati relativi alla ricerca dei metalli nell'aria ai sensi del D.Lgs. 155/2010.

Rimanendo a disposizione per ulteriori chiarimenti, si porgono cordiali saluti.

***Il Dirigente Responsabile Settore Agenti
Fisici-Inquinamento Atmosferico***

dott. Ing. G.C. Leveratto

Allegati:
- elaborazioni dati in oggetto

Il Dirigente Responsabile U.O Territorio: dott.ssa. F.Colonna
Il Dirigente Responsabile Settore Agenti Fisici-Inquinamento Atmosferico: dott.G.C. Leveratto
Estensore Provvedimento: dott. R.Cresta

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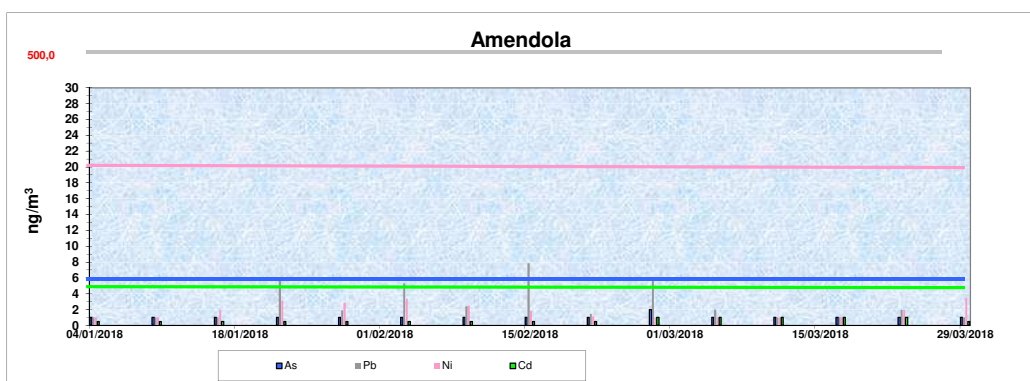


Metalli anno 2018

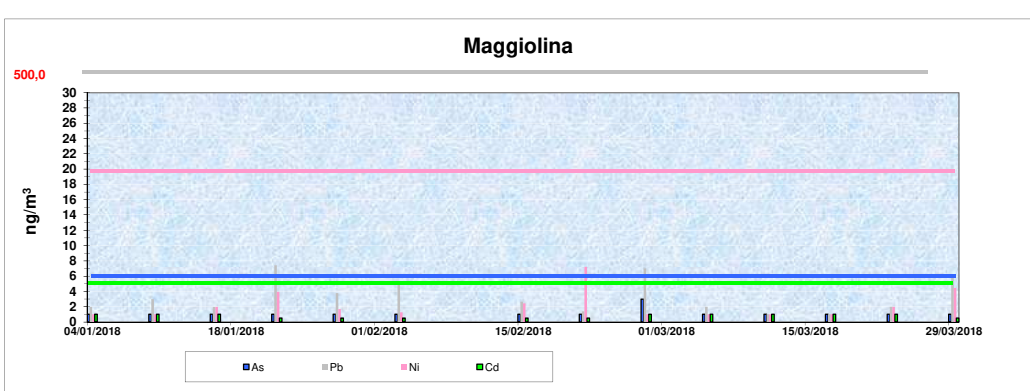
Valori obiettivo annuale per As, Ni, Cd e valore limite per il piombo ai sensi D.Lgs. 155/2010

Arsenico: 6 ng/m³ - Cadmio 5ng/m³ - Nichel 20 ng/m³ - Piombo 500 ng/m³

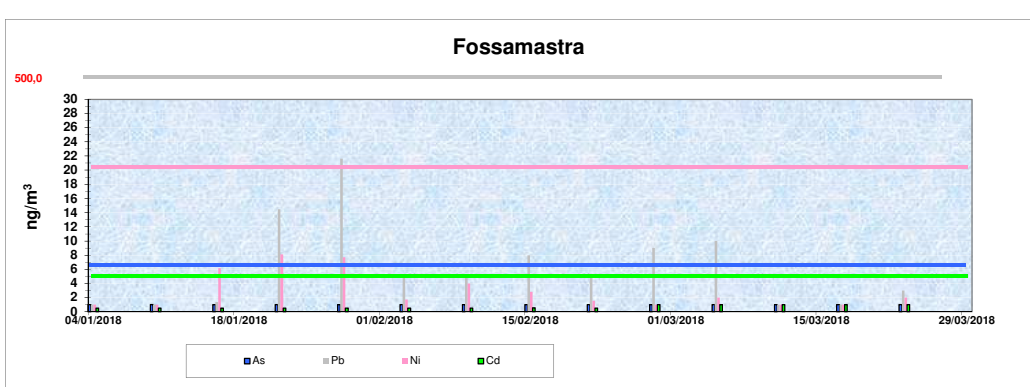
Amendola				
	As	Pb	Ni	Cd
4-gen-18	< 1,0	< 1,0	1,0	< 0,5
10-gen-18	< 1,0	< 1,0	< 1,0	< 0,5
16-gen-18	< 1,0	< 1,0	< 2,0	< 0,5
22-gen-18	< 1,0	5,8	3,2	< 0,5
28-gen-18	< 1,0	1,9	2,9	< 0,5
3-feb-18	< 1,0	5,3	3,4	< 0,5
9-feb-18	< 1,0	2,4	2,5	< 0,5
15-feb-18	< 1,0	7,9	1,8	< 0,5
21-feb-18	< 1,0	1,5	1,1	< 0,5
27-feb-18	2,0	6,0	< 1,0	< 1,0
5-mar-18	< 1,0	2,0	1,0	< 1,0
11-mar-18	1,0	1,0	1,0	< 1,0
17-mar-18	< 1,0	1,0	1,0	< 1,0
23-mar-18	< 1,0	2,0	2,0	< 1,0
29-mar-18	< 1,0	< 1,0	3,5	< 0,5
media (*)	1,1	2,7	1,9	0,7



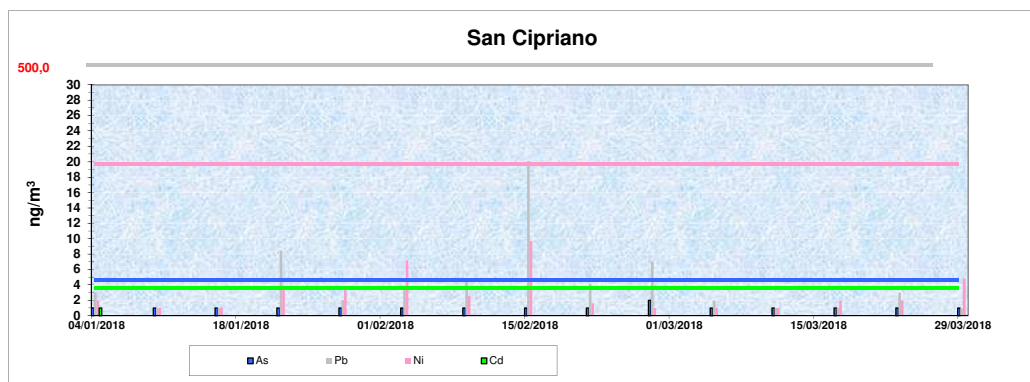
Maggiolina				
	As	Pb	Ni	Cd
4-gen-18	< 1,0	2,0	1,0	< 1,0
10-gen-18	< 1,0	3,0	1,0	< 1,0
16-gen-18	< 1,0	2,0	2,0	< 1,0
22-gen-18	< 1,0	7,4	3,9	< 0,5
28-gen-18	< 1,0	3,8	1,7	< 0,5
3-feb-18	< 1,0	4,9	1,3	< 0,5
9-feb-18	-	-	-	-
15-feb-18	< 1,0	2,6	2,4	< 0,5
21-feb-18	< 1,0	1,4	7,2	< 0,5
27-feb-18	3,0	7,0	1,0	< 1,0
5-mar-18	< 1,0	2,0	1,0	< 1,0
11-mar-18	< 1,0	< 1,0	1,0	< 1,0
17-mar-18	< 1,0	1,0	1,0	< 1,0
23-mar-18	< 1,0	2,0	2,0	< 1,0
29-mar-18	< 1,0	6,1	4,5	< 0,5
media (*)	1,1	3,3	2,2	0,8



Fossamastra				
	As	Pb	Ni	Cd
4-gen-18	< 1,0	< 1,0	< 1,0	< 0,5
10-gen-18	< 1,0	< 1,0	< 1,0	< 0,5
16-gen-18	< 1,0	1,4	6,1	< 0,5
22-gen-18	< 1,0	14,5	8,1	0,5
28-gen-18	< 1,0	21,6	7,7	0,5
3-feb-18	< 1,0	4,8	1,8	< 0,5
9-feb-18	< 1,0	4,9	4,0	< 0,5
15-feb-18	< 1,0	8,0	2,8	0,6
21-feb-18	< 1,0	5,2	1,5	< 0,5
27-feb-18	1,0	9,0	< 1,0	< 1,0
5-mar-18	1,0	10,0	2,0	< 1,0
11-mar-18	< 1,0	1,0	1,0	< 1,0
17-mar-18	< 1,0	1,0	1,0	< 1,0
23-mar-18	< 1,0	3,0	2,0	< 1,0
29-mar-18	-	-	-	-
media (*)	1,0	6,2	2,9	0,7



San Cipriano				
	As	Pb	Ni	Cd
4-gen-18	< 1,0	3,0	2,0	< 1,0
10-gen-18	< 1,0	1,0	1,0	< 1,0
16-gen-18	< 1,0	1,0	1,0	< 1,0
22-gen-18	< 1,0	8,4	3,4	< 0,5
28-gen-18	< 1,0	2,0	3,3	< 0,5
3-feb-18	< 1,0	3,9	7,2	< 0,5
9-feb-18	< 1,0	4,4	2,5	< 0,5
15-feb-18	< 1,0	20,1	9,7	< 0,5
21-feb-18	< 1,0	4,1	1,6	< 0,5
27-feb-18	2,0	7,0	1,0	< 1,0
5-mar-18	< 1,0	2,0	1,0	< 1,0
11-mar-18	< 1,0	1,0	1,0	< 1,0
17-mar-18	< 1,0	< 1,0	2,0	< 1,0
23-mar-18	< 1,0	3,0	2,0	< 1,0
29-mar-18	< 1,0	< 1,0	4,8	< 0,5
media (*)	1,1	4,2	2,9	0,8



(*) calcolata tenendo conto anche dei valori sotto il limite di quantificazione strumentale espresso in ng/m³ come da tabella

metodo	As	Pb	Ni	Cd
EPA 3051A + EPA 6010C	1,0	1,0	1,0	1,0
UNI EN 14902:2005	1,0	1,0	1,0	0,5