

Centrale a Ciclo Combinato di Teverola (CE)

SET S.p.A.

RAPPORTO ANNUALE ANNO 2015 - RISULTATI CAMPIONAMENTI PIEZOMETRI

Acque sotterranee			
Denominazione	Piezometro SET PZ1	Piezometro SET PZ2	Piezometro SET PZ3
coordinate Gauss-Boaga	EST: 2455104,649 - NORD: 4539962,45	EST: 2455142,25 - NORD: 4540059,47	EST: 2455403,2 - NORD: 4540152,76

Denominazione		Piezometro PZ1	Piezometro PZ2	Piezometro PZ3	Piezometro PZ1	Piezometro PZ2	Piezometro PZ3
Data campionamento		4-giu-15	5-giu-15	5-giu-15	11-dic-15		
Parametro	U. M.	Risultati			Risultati		
T	° C	18.4	18.8	15.61	18	16.8	17.7
Ph		6.9	7.0	6.98	7.15	7.3	7.2
Conducibilità a 20 °C	micS/cm	981	1062	831	976	1026	859
Durezza	° F	17.4	18.6	14.8	33.3	47.1	45.4
Solidi sospesi totali	mg/l	43.2	337	10	14	40	3
Residuo fisso a 180 °C	mg/l	535	566	449	702	782	602
COD	mg/l	<5	<5	<5	<10	<10	<10
METALLI							
Arsenico	µg/l	3.6	3.2	3.5	4.0	<1	<1
Cromo totale	µg/l	3.5	1	0.3	<5	<5	<5
Cromo esavalente	µg/l						
Ferro	µg/l	<5	<5	<5	158	29.1	<5
Vanadio	µg/l	18.5	16.2	14.1	16.4	<0,5	<0,5
Mercurio	µg/l	<0.1	<0.1	<0.1	<0,5	<0,5	<5
Nichel	µg/l	1.1	1.1	0.8	3.07	4.95	3.65
Selenio	µg/l	1.7	2.1	1.7	2.09	2.96	1.51
Manganese	µg/l	0.6	0.7	1.4	<5	<5	<5
Calcio	mg/l	55	57.1	45.5	84.2	135.5	130.0
Sodio	mg/l	32.4	40.7	34.7	82.4	13.8	13.4
Potassio	mg/l	24.3	21.6	21.5	67.4	9.26	8.77
Magnesio	mg/l	8.94	10.7	8.39	29.7	32.2	31.4
Zinco	µg/l	2	1.5	1.4	<10	16.6	18.9
COMPOSTI INORGANICI							
Solfati (ione solfato)	mg/l	63.3	90.6	60.2	4.4	38	46.3
Solfiti (ione solfito)	mg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitriti (ione nitrito)	mg/l	<0.1	<0.1	<0.1	<0.02	<0.02	<0.02
Nitrati (ione nitrato)	mg/l	53.3	55.2	56.3	42.4	32.6	45.3
Carbonati (ione carbonato)	mg/l	6	<0.3	<0.3	<0.1	<0.1	<0.1
Bicarbonati (ione bicarbonato)	mg/l	342	387	268	348	372	287
Silice	mg/l	50.8	58	43.3	13.3	3.0	3.0
Azoto Ammoniacale (ione ammonio)	mg/l	<5	<5	<5	<0.4	<0.4	<0.4
Cloruri (ione cloruro)	mg/l	58.9	71	55.1	149	58.2	52.8
COMPOSTI ORGANICI AROMATICI							
Benzene	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Etilbenzene	µg/l	<1	<1	<1	<0.1	<0.1	<0.1
Stirene	µg/l	<1	<1	<1	<0.1	<0.1	<0.1
Toluene	µg/l	<1	<1	<1	<0.1	0.18	<0.1
Xileni	µg/l	<1	<1	<1	<0.1	<0.1	<0.1
IDROCARBURI POLICICLICI AROMATICI							
Pirene	µg/l	<0.1	<0.1	<0.1	<0.001	<0.001	<0.001
Benzo(a)antracene	µg/l	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001
Crisene	µg/l	<0.1	<0.1	<0.1	<0.001	<0.001	<0.001
Benzo(b)fluorantene (A)	µg/l	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001
Benzo(k)fluorantene (B)	µg/l	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001
Benzo(ghi)perilene ©	µg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzo(a)pirene	µg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Indeno(1.2.3-cd)pirene (D)	µg/l	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001
Dibenzo(a,h)antracene	µg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sommatoria (A, B, C, D)	µg/l	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001
ALTRE SOSTANZE							
Idrocarburi totali (n-esano)	µg/l	<30	<30	<30	163	247	194

Soggiacenza	m	5.7	5.9	5.1	5.7	5.4	5.2
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