PROPONENTE

ENAC
ENTE NAZIONALE PER L'AVIAZIONE CIVILE
ITALIAN CIVIL AVIATION AUTHORITY

Toscana Aeroporti

MASTER PLAN 2014-2029

AEROPORTO AMERIGO VESPUCCI FIRENZE

STUDIO DI IMPATTO AMBIENTALE

ambiente
ingegneria ambientale e laboratori

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RESPONSABILE PROGETTO E COORDINATORE TECNICO:
Ing. Lorenzo TENERANI

NOME ELABORATO

Atmosfera: report tabellare delle simulazioni - Fase di cantiere

CODICE ELABORATO

INT-AMB-01-SCD-004

Codice elaborato			INT-AMB-01-SCD-004		Scala			
Rev.	**Descrizione**	**Redatto**	**Data**	**Verificato**	**Data**	**Approvato**	**Data**	**Autorizzato**
A	Emissione per integrazioni VIA	F.Tamburini	Agosto 2015	L.Tenerani	Agosto 2015	L.Tenerani	Agosto 2015	T.A. - V. D'Arienzo

ambiente
ingegneria ambientale e laboratori

Recettori Cantiere

Toscana Aeroporti

		UTM WGS84 F32	UTM WGS84 F32	PM10		[ug/m3]	NOX		[ug/m3]	CO	[ug/m3]	C6H6	[ug/m3]
id	quota [m sls]	x	y	media annuale	massimo 24 h	90.4 perc	media annuale	massimo orario	99.8 perc	media annuale	massimo orario	media annuale	massimo orario
1	2	671.25	4849.25	0.1793	2.2568	0.4965	0.0613	6.8362	3.3490	0.0163	1.8196	1.93E-06	2.15E-04
2	2	671.75	4849.25	0.2051	2.4260	0.6022	0.0705	8.6338	3.7137	0.0188	2.2981	2.22E-06	2.72E-04
3	2	672.25	4849.25	0.2185	2.6528	0.6292	0.0746	7.0785	4.0552	0.0199	1.8841	2.35E-06	2.23E-04
4	2	672.75	4849.25	0.2347	2.9169	0.6892	0.0785	6.9598	4.3485	0.0209	1.8525	2.47E-06	2.19E-04
5	2	673.25	4849.25	0.2425	3.1875	0.7117	0.0803	7.3255	4.4565	0.0214	1.9499	2.53E-06	2.31E-04
6	2	673.75	4849.25	0.2563	3.4504	0.7679	0.0829	6.8864	4.7743	0.0221	1.8330	2.61E-06	2.17E-04
7	2	674.25	4849.25	0.2763	3.6870	0.8303	0.0875	7.3428	5.0880	0.0233	1.9545	2.75E-06	2.31E-04
8	2	674.75	4849.25	0.2972	3.8977	0.8831	0.0917	7.9336	5.4243	0.0244	2.1117	2.89E-06	2.50E-04
9	2	675.25	4849.25	0.2968	4.0580	0.9419	0.0917	12.9500	5.7724	0.0244	3.4470	2.89E-06	4.08E-04
10	2	675.75	4849.25	0.2985	4.1562	0.9005	0.0902	12.3880	5.9298	0.0240	3.2974	2.84E-06	3.90E-04
11	2	676.25	4849.25	0.2835	4.1708	0.8648	0.0854	17.0450	5.5468	0.0227	4.5370	2.69E-06	5.37E-04
12	2	676.75	4849.25	0.2663	4.9554	0.8458	0.0798	15.9180	5.0383	0.0212	4.2370	2.51E-06	5.01E-04
13	2	677.25	4849.25	0.2439	3.9536	0.7883	0.0730	9.4111	4.5479	0.0194	2.5050	2.30E-06	2.96E-04
14	2	677.75	4849.25	0.2318	3.9633	0.7428	0.0666	9.5574	4.0673	0.0177	2.5440	2.10E-06	3.01E-04
15	2	678.25	4849.25	0.2007	3.4495	0.6576	0.0598	7.5372	3.6463	0.0159	2.0062	1.88E-06	2.37E-04
16	2	678.75	4849.25	0.1811	3.1395	0.5904	0.0545	7.1098	3.4724	0.0145	1.8925	1.71E-06	2.24E-04
17	2	679.25	4849.25	0.1657	2.9661	0.5729	0.0494	6.6489	3.1388	0.0132	1.7698	1.56E-06	2.09E-04
18	2	679.75	4849.25	0.1466	2.7360	0.4600	0.0443	6.1640	2.8307	0.0118	1.6407	1.39E-06	1.94E-04
19	2	680.25	4849.25	0.1323	2.4701	0.4120	0.0406	5.6782	2.5877	0.0108	1.5114	1.28E-06	1.79E-04
20	2	680.75	4849.25	0.1161	2.1928	0.3764	0.0359	5.2044	2.2814	0.0096	1.3853	1.13E-06	1.64E-04
21	2	671.25	4849.75	0.2643	2.8476	0.8162	0.0872	7.5257	4.0874	0.0232	2.0032	2.74E-06	2.37E-04
22	2	671.75	4849.75	0.2953	3.2640	0.9218	0.0982	9.2020	4.6383	0.0261	2.4494	3.09E-06	2.90E-04
23	2	672.25	4849.75	0.3098	3.3769	0.8667	0.1043	10.1690	5.2002	0.0278	2.7068	3.28E-06	3.20E-04
24	2	672.75	4849.75	0.3201	3.4302	0.9046	0.1073	9.9748	5.5815	0.0286	2.6551	3.38E-06	3.14E-04
25	2	673.25	4849.75	0.3388	3.7801	0.9689	0.1110	10.6410	5.6998	0.0295	2.8324	3.49E-06	3.35E-04
26	2	673.75	4849.75	0.3502	4.1325	1.0201	0.1128	9.8690	5.9839	0.0300	2.6269	3.55E-06	3.11E-04
27	2	674.25	4849.75	0.3664	4.4695	1.0826	0.1160	9.5275	6.5914	0.0309	2.5360	3.65E-06	3.00E-04
28	2	674.75	4849.75	0.3907	4.7818	1.2112	0.1217	10.3860	7.0267	0.0324	2.7645	3.83E-06	3.27E-04
29	2	675.25	4849.75	0.4103	5.0580	1.2603	0.1255	14.7510	7.3266	0.0334	3.9264	3.95E-06	4.64E-04
30	2	675.75	4849.75	0.4094	5.2375	1.2857	0.1223	12.4390	7.4194	0.0326	3.3110	3.85E-06	3.92E-04
31	2	676.25	4849.75	0.4062	5.7410	1.2281	0.1208	23.7790	7.2212	0.0322	6.3294	3.80E-06	7.49E-04
32	2	676.75	4849.75	0.3685	5.9060	1.1930	0.1084	15.9260	6.6473	0.0288	4.2391	3.41E-06	5.01E-04
33	2	677.25	4849.75	0.3409	4.9478	1.1107	0.1005	12.7720	6.4447	0.0268	3.3996	3.17E-06	4.02E-04
34	2	677.75	4849.75	0.3159	4.6061	1.0341	0.0903	9.3373	5.7108	0.0240	2.4854	2.84E-06	2.94E-04
35	2	678.25	4849.75	0.2714	4.4082	0.8362	0.0808	8.7348	4.7336	0.0215	2.3250	2.54E-06	2.75E-04
36	2	678.75	4849.75	0.2490	4.4290	0.8627	0.0737	8.1360	4.4571	0.0196	2.1656	2.32E-06	2.56E-04
37	2	679.25	4849.75	0.2203	4.0307	0.6521	0.0655	7.4813	3.8231	0.0174	1.9914	2.06E-06	2.36E-04
38	2	679.75	4849.75	0.2002	3.5535	0.6203	0.0606	6.8584	3.4983	0.0161	1.8256	1.91E-06	2.16E-04
39	2	680.25	4849.75	0.1817	3.1318	0.5777	0.0556	6.8792	3.1537	0.0148	1.8311	1.75E-06	2.17E-04
40	2	680.75	4849.75	0.1583	2.7104	0.4952	0.0484	10.3840	2.6892	0.0129	2.7640	1.52E-06	3.27E-04
41	2	671.25	4850.25	0.3672	3.7178	1.0897	0.1187	10.3850	5.0642	0.0316	2.7643	3.74E-06	3.27E-04
42	2	671.75	4850.25	0.4194	4.0919	1.2501	0.1355	10.4250	5.7421	0.0361	2.7749	4.27E-06	3.28E-04
43	2	672.25	4850.25	0.4420	4.1108	1.2575	0.1438	10.7760	6.3480	0.0383	2.8683	4.53E-06	3.39E-04
44	2	672.75	4850.25	0.4582	4.3420	1.3580	0.1509	13.0580	6.9180	0.0402	3.4757	4.75E-06	4.11E-04
45	2	673.25	4850.25	0.4632	4.5300	1.3016	0.1522	16.7120	7.0470	0.0405	4.4484	4.79E-06	5.26E-04
46	2	673.75	4850.25	0.4897	4.9976	1.3366	0.1567	18.0090	7.5398	0.0417	4.7936	4.93E-06	5.67E-04
47	2	674.25	4850.25	0.5202	5.4655	1.5192	0.1618	15.9570	8.3635	0.0431	4.2474	5.09E-06	5.02E-04
48	2	674.75	4850.25	0.5321	5.9305	1.4881	0.1656	13.4970	9.1641	0.0441	3.5926	5.21E-06	4.25E-04
49	2	675.25	4850.25	0.5759	6.3640	1.7768	0.1750	17.4030	9.4396	0.0466	4.6323	5.51E-06	5.48E-04
50	2	675.75	4850.25	0.5913	6.6700	1.8330	0.1738	14.9230	9.4642	0.0463	3.9722	5.47E-06	4.70E-04
51	2	676.25	4850.25	0.5888	6.9120	1.8175	0.1717	30.8960	9.7176	0.0457	8.2238	5.40E-06	9.73E-04
52	2	676.75	4850.25	0.5316	7.8380	1.7155	0.1530	16.1670	9.0146	0.0407	4.3033	4.82E-06	5.09E-04
53	2	677.25	4850.25	0.4859	6.2475	1.6085	0.1402	14.8700	8.1649	0.0373	3.9581	4.41E-06	4.68E-04
54	2	677.75	4850.25	0.4278	6.0590	1.4222	0.1231	11.9800	6.8811	0.0328	3.1888	3.87E-06	3.77E-04
55	2	678.25	4850.25	0.3841	6.6500	1.2877	0.1110	10.3230	6.0287	0.0295	2.7478	3.49E-06	3.25E-04

ambiente
ingegneria ambientale e laboratori

Recettori Cantiere

Toscana Aeroporti

		UTM WGS84 F32	UTM WGS84 F32	PM10		[ug/m3]	NOX		[ug/m3]	CO	[ug/m3]	C6H6	[ug/m3]
id	quota [m sls]	x	y	media annuale	massimo 24 h	90.4 perc	media annuale	massimo orario	99.8 perc	media annuale	massimo orario	media annuale	massimo orario
61	2	671.25	4850.75	0.5231	4.8169	1.4699	0.1696	20.0500	6.3017	0.0452	5.3369	5.34E-06	6.31E-04
62	2	671.75	4850.75	0.5937	5.5445	1.6693	0.1899	18.3710	7.2831	0.0505	4.8899	5.98E-06	5.78E-04
63	2	672.25	4850.75	0.6440	5.7095	1.8307	0.2057	13.9840	7.8388	0.0548	3.7222	6.48E-06	4.40E-04
64	2	672.75	4850.75	0.6827	5.7115	1.9233	0.2173	20.6930	8.3842	0.0578	5.5080	6.84E-06	6.51E-04
65	2	673.25	4850.75	0.7236	5.6100	2.0109	0.2292	28.5870	9.2805	0.0610	7.6092	7.22E-06	9.00E-04
66	2	673.75	4850.75	0.7020	6.1310	1.8711	0.2240	25.6300	9.3290	0.0596	6.8221	7.05E-06	8.07E-04
67	2	674.25	4850.75	0.7282	6.7670	1.9710	0.2277	20.4830	10.6220	0.0606	5.4521	7.17E-06	6.45E-04
68	2	674.75	4850.75	0.7993	7.4365	2.2081	0.2420	17.3060	11.7470	0.0644	4.6065	7.62E-06	5.45E-04
69	2	675.25	4850.75	0.8275	8.1090	2.2793	0.2481	22.4630	12.1340	0.0660	5.9791	7.81E-06	7.07E-04
70	2	675.75	4850.75	0.9156	9.0060	2.6707	0.2614	19.2150	12.3230	0.0696	5.1146	8.23E-06	6.05E-04
71	2	676.25	4850.75	0.9307	13.4205	2.6993	0.2620	37.4880	13.3960	0.0697	9.9785	8.25E-06	1.18E-03
72	2	676.75	4850.75	0.8026	10.7190	2.5915	0.2284	21.7760	12.4200	0.0608	5.7963	7.19E-06	6.86E-04
73	2	677.25	4850.75	0.7819	12.3830	2.4460	0.2159	19.4470	11.5760	0.0575	5.1764	6.80E-06	6.12E-04
74	2	677.75	4850.75	0.6524	10.0870	2.0843	0.1846	16.1600	9.3318	0.0491	4.3014	5.81E-06	5.09E-04
75	2	678.25	4850.75	0.5633	9.3075	1.7502	0.1603	12.9330	7.6636	0.0427	3.4425	5.05E-06	4.07E-04
76	2	678.75	4850.75	0.5229	8.7715	1.5496	0.1485	11.6260	6.8526	0.0395	3.0946	4.68E-06	3.66E-04
77	2	679.25	4850.75	0.4957	8.6540	1.4456	0.1410	19.6750	6.4393	0.0375	5.2370	4.44E-06	6.19E-04
78	2	679.75	4850.75	0.4135	7.5995	1.1989	0.1204	21.6110	5.3405	0.0321	5.7524	3.79E-06	6.80E-04
79	2	680.25	4850.75	0.3523	6.6875	1.0760	0.1035	16.6540	4.2343	0.0276	4.4329	3.26E-06	5.24E-04
80	2	680.75	4850.75	0.2786	5.5870	0.8562	0.0837	13.4270	3.6317	0.0223	3.5740	2.63E-06	4.23E-04
81	2	671.25	4851.25	0.7390	5.8800	2.0707	0.2446	22.3500	8.4289	0.0651	5.9491	7.70E-06	7.04E-04
82	2	671.75	4851.25	0.8368	6.7650	2.3535	0.2729	24.8320	8.9591	0.0726	6.6097	8.59E-06	7.82E-04
83	2	672.25	4851.25	0.9049	7.1515	2.5752	0.2903	23.8890	9.6193	0.0773	6.3587	9.14E-06	7.52E-04
84	2	672.75	4851.25	1.0007	7.6525	2.7271	0.3176	28.5730	10.3120	0.0845	7.6055	1.00E-05	9.00E-04
85	2	673.25	4851.25	1.0897	8.1075	2.9619	0.3372	30.0590	11.6750	0.0897	8.0010	1.06E-05	9.46E-04
86	2	673.75	4851.25	1.1920	9.5290	3.1135	0.3613	26.3810	12.5110	0.0962	7.0220	1.14E-05	8.31E-04
87	2	674.25	4851.25	1.2100	9.1225	3.1164	0.3617	26.6710	13.5420	0.0963	7.0992	1.14E-05	8.40E-04
88	2	674.75	4851.25	1.2702	10.4775	3.2472	0.3761	25.8630	14.8600	0.1001	6.8842	1.18E-05	8.14E-04
89	2	675.25	4851.25	1.4415	12.6115	4.0404	0.4112	25.8550	16.7850	0.1094	6.8820	1.29E-05	8.14E-04
90	2	675.75	4851.25	1.4734	13.3780	4.0401	0.4121	24.2170	17.4870	0.1097	6.4460	1.30E-05	7.62E-04
91	2	676.25	4851.25	1.8609	16.4780	5.4150	0.4911	42.3010	18.9190	0.1307	11.2596	1.55E-05	1.33E-03
92	2	676.75	4851.25	1.7641	19.7580	5.2730	0.4686	42.8590	19.4930	0.1247	11.4081	1.48E-05	1.35E-03
93	2	677.25	4851.25	1.4824	16.3005	4.7834	0.4312	27.8520	18.8780	0.1148	7.4136	1.36E-05	8.77E-04
94	2	677.75	4851.25	1.1396	16.3370	3.6697	0.3335	26.0990	13.6770	0.0888	6.9470	1.05E-05	8.22E-04
95	2	678.25	4851.25	1.0749	17.2200	3.0747	0.2945	20.7970	12.2160	0.0784	5.5357	9.27E-06	6.55E-04
96	2	678.75	4851.25	0.9207	14.4110	2.7060	0.2564	30.5610	10.7060	0.0682	8.1347	8.07E-06	9.62E-04
97	2	679.25	4851.25	0.7262	12.3385	2.3173	0.2057	21.9980	8.5415	0.0547	5.8554	6.47E-06	6.93E-04
98	2	679.75	4851.25	0.5830	10.7660	1.8193	0.1697	19.3480	7.1394	0.0452	5.1500	5.34E-06	6.09E-04
99	2	680.25	4851.25	0.4855	8.9880	1.4470	0.1446	17.8780	5.8121	0.0385	4.7587	4.55E-06	5.63E-04
100	2	680.75	4851.25	0.3769	6.7360	1.1618	0.1132	14.2610	5.3363	0.0301	3.7960	3.56E-06	4.49E-04
101	2	671.25	4851.75	1.0178	7.9750	2.9192	0.3487	19.8170	11.0620	0.0928	5.2748	1.10E-05	6.24E-04
102	2	671.75	4851.75	1.1645	8.9230	3.1848	0.3925	23.6080	12.1150	0.1045	6.2839	1.24E-05	7.43E-04
103	2	672.25	4851.75	1.2450	9.0555	3.2387	0.4121	23.0280	12.3610	0.1097	6.1295	1.30E-05	7.25E-04
104	2	672.75	4851.75	1.3880	9.3635	3.6996	0.4486	24.6100	13.5000	0.1194	6.5506	1.41E-05	7.75E-04
105	2	673.25	4851.75	1.5774	9.8400	4.2307	0.4987	22.9790	15.0330	0.1327	6.1165	1.57E-05	7.23E-04
106	2	673.75	4851.75	1.7698	10.9945	4.4955	0.5335	34.8920	16.3220	0.1420	9.2875	1.68E-05	1.10E-03
107	2	674.25	4851.75	2.0484	12.5235	5.3885	0.6010	36.2380	18.7040	0.1600	9.6457	1.89E-05	1.14E-03
108	2	674.75	4851.75	2.5032	19.0950	6.4915	0.6895	34.3360	20.7680	0.1835	9.1395	2.17E-05	1.08E-03
109	2	675.25	4851.75	3.2667	26.0935	9.0535	0.8601	47.4320	24.6930	0.2289	12.6253	2.71E-05	1.49E-03
110	2	675.75	4851.75	3.9154	25.2050	10.5980	1.0038	48.9280	30.5530	0.2672	13.0235	3.16E-05	1.54E-03
111	2	676.25	4851.75	6.1615	64.6250	17.0205	1.4045	70.3160	36.7340	0.3738	18.7165	4.42E-05	2.21E-03
112	2	676.75	4851.75	7.0115	58.1900	20.8415	1.7150	78.8320	43.6600	0.4565	20.9833	5.40E-05	2.48E-03
113	2	677.25	4851.75	5.7460	49.4350	14.7435	1.8787	50.5490	38.3570	0.5001	13.4550	5.91E-05	1.59E-03
114	2	677.75	4851.75	3.3957	35.5360	9.4430	1.0500	44.7950	27.6520	0.2795	11.9234	3.31E-05	1.41E-03
115	2	678.25	4851.75	2.1862	26.9040	6.1650	0.6411	42.5570	21.6150	0.1706	11.3277	2.02E-05	1.34E-03

ambiente
ingegneria ambientale e laboratori

Recettori Cantiere

Toscana Aeroporti

		UTM WGS84 F32	UTM WGS84 F32	PM10		[ug/m3]	NOX		[ug/m3]	CO	[ug/m3]	C6H6	[ug/m3]
id	quota [m sls]	x	y	media annuale	massimo 24 h	90.4 perc	media annuale	massimo orario	99.8 perc	media annuale	massimo orario	media annuale	massimo orario
121	2	671.25	4852.25	1.3828	9.4870	3.6216	0.4903	29.1180	13.6340	0.1305	7.7506	1.54E-05	9.17E-04
122	2	671.75	4852.25	1.6335	11.3130	4.2964	0.5653	24.5880	14.9530	0.1505	6.5448	1.78E-05	7.74E-04
123	2	672.25	4852.25	1.8691	12.5150	4.8152	0.6324	26.7500	15.5950	0.1683	7.1202	1.99E-05	8.42E-04
124	2	672.75	4852.25	2.1656	13.6810	5.4545	0.7150	27.8930	17.2340	0.1903	7.4245	2.25E-05	8.78E-04
125	2	673.25	4852.25	2.5228	14.8035	6.1740	0.8103	33.0010	20.1250	0.2157	8.7841	2.55E-05	1.04E-03
126	2	673.75	4852.25	2.9067	15.7880	6.7720	0.9021	46.3300	23.8440	0.2401	12.3320	2.84E-05	1.46E-03
127	2	674.25	4852.25	3.3790	16.3900	7.8515	0.9982	47.7480	25.4430	0.2657	12.7094	3.14E-05	1.50E-03
128	2	674.75	4852.25	4.0905	19.5580	8.8155	1.1249	42.9110	27.3730	0.2994	11.4219	3.54E-05	1.35E-03
129	2	675.25	4852.25	5.3425	25.9365	11.3460	1.3378	48.5210	31.9460	0.3561	12.9152	4.21E-05	1.53E-03
130	2	675.75	4852.25	10.6080	48.4115	24.8375	2.2080	57.5880	42.3570	0.5877	15.3286	6.95E-05	1.81E-03
131	2	676.25	4852.25	37.8795	140.9800	80.5850	6.4127	132.4500	89.4340	1.7069	35.2552	2.02E-04	4.17E-03
132	2	676.25	4852.25	37.8795	140.9800	80.5850	6.4127	132.4500	89.4340	1.7069	35.2552	2.02E-04	4.17E-03
133	2	677.25	4852.25	25.2830	131.7800	48.6090	12.8300	119.3100	87.3820	3.4151	31.7576	4.04E-04	3.76E-03
134	2	677.75	4852.25	9.1515	54.5750	20.6935	2.3546	72.2330	45.5780	0.6267	19.2268	7.41E-05	2.27E-03
135	2	678.25	4852.25	3.7830	33.9920	9.7960	1.0453	47.6780	28.4280	0.2782	12.6908	3.29E-05	1.50E-03
136	2	678.75	4852.25	2.2747	23.6515	6.1215	0.6412	42.7390	20.1540	0.1707	11.3762	2.02E-05	1.35E-03
137	2	679.25	4852.25	1.5528	17.0265	4.4196	0.4434	34.9860	13.3600	0.1180	9.3125	1.40E-05	1.10E-03
138	2	679.75	4852.25	1.1329	12.5880	2.9541	0.3283	23.8010	10.7750	0.0874	6.3353	1.03E-05	7.49E-04
139	2	680.25	4852.25	0.8541	9.6315	2.2660	0.2529	21.7130	8.6981	0.0673	5.7795	7.96E-06	6.84E-04
140	2	680.75	4852.25	0.6230	7.8115	1.6663	0.1873	18.3850	6.6067	0.0498	4.8937	5.90E-06	5.79E-04
141	2	671.25	4852.75	1.6688	10.6765	4.3821	0.6360	25.5780	16.3590	0.1693	6.8083	2.00E-05	8.05E-04
142	2	671.75	4852.75	2.0043	12.1375	4.9348	0.7479	27.2540	17.8040	0.1991	7.2544	2.35E-05	8.58E-04
143	2	672.25	4852.75	2.3338	13.8210	5.8385	0.8559	33.1510	18.5040	0.2278	8.8241	2.69E-05	1.04E-03
144	2	672.75	4852.75	2.7391	16.1960	6.7695	0.9871	37.5730	20.5410	0.2627	10.0011	3.11E-05	1.18E-03
145	2	673.25	4852.75	3.2339	19.3180	7.8100	1.1446	40.0900	23.6930	0.3047	10.6711	3.60E-05	1.26E-03
146	2	673.75	4852.75	3.8083	22.7930	9.0440	1.3158	52.6480	27.4180	0.3502	14.0137	4.14E-05	1.66E-03
147	2	674.25	4852.75	4.5738	27.4875	10.0360	1.5232	56.6410	32.8580	0.4054	15.0766	4.80E-05	1.78E-03
148	2	674.75	4852.75	5.8265	30.3275	12.3840	1.8299	68.7410	40.7570	0.4871	18.2973	5.76E-05	2.16E-03
149	2	675.25	4852.75	7.9210	36.8385	16.5375	2.3240	76.8610	50.7900	0.6186	20.4587	7.32E-05	2.42E-03
150	2	675.75	4852.75	11.9690	54.0200	26.0635	3.2941	90.9340	66.9000	0.8768	24.2046	1.04E-04	2.86E-03
151	2	676.25	4852.75	19.3640	90.4200	40.2540	4.9532	130.6500	94.2200	1.3184	34.7761	1.56E-04	4.11E-03
152	2	676.75	4852.75	29.3975	118.8250	56.8850	6.9265	164.4400	109.0400	1.8437	43.7702	2.18E-04	5.18E-03
153	2	677.25	4852.75	24.8245	77.9450	50.1200	6.4311	139.0100	107.1000	1.7118	37.0013	2.02E-04	4.38E-03
154	2	677.75	4852.75	13.8150	61.5450	28.1100	3.5732	97.1100	61.6890	0.9511	25.8485	1.12E-04	3.06E-03
155	2	678.25	4852.75	5.3965	32.1530	12.1935	1.5031	68.7350	32.3850	0.4001	18.2957	4.73E-05	2.16E-03
156	2	678.75	4852.75	2.9598	22.3575	6.9735	0.8638	65.1430	21.4250	0.2299	17.3396	2.72E-05	2.05E-03
157	2	679.25	4852.75	1.9504	18.2045	4.6697	0.5880	61.1830	15.1490	0.1565	16.2855	1.85E-05	1.93E-03
158	2	679.75	4852.75	1.3914	15.2120	3.4493	0.4291	54.9580	13.1190	0.1142	14.6286	1.35E-05	1.73E-03
159	2	680.25	4852.75	1.0241	12.2180	2.5824	0.3216	46.0860	10.1140	0.0856	12.2671	1.01E-05	1.45E-03
160	2	680.75	4852.75	0.7304	8.7320	1.7892	0.2326	34.5490	7.8662	0.0619	9.1962	7.32E-06	1.09E-03
161	2	671.25	4853.25	1.9342	12.1985	5.1885	0.7917	29.5370	19.3570	0.2107	7.8621	2.49E-05	9.30E-04
162	2	671.75	4853.25	2.3333	14.2050	6.3210	0.9448	31.6350	21.9180	0.2515	8.4205	2.97E-05	9.96E-04
163	2	672.25	4853.25	2.7452	16.6660	7.3345	1.1016	35.9470	24.3830	0.2932	9.5683	3.47E-05	1.13E-03
164	2	672.75	4853.25	3.2450	19.9725	8.3365	1.2954	42.4350	26.7040	0.3448	11.2952	4.08E-05	1.34E-03
165	2	673.25	4853.25	3.9276	24.4750	9.9000	1.5589	45.5690	31.7080	0.4149	12.1294	4.91E-05	1.43E-03
166	2	673.75	4853.25	4.9228	30.4095	11.4940	1.9309	55.1400	38.4830	0.5140	14.6770	6.08E-05	1.74E-03
167	2	674.25	4853.25	6.3720	37.7700	14.0610	2.4780	73.3930	45.8050	0.6596	19.5356	7.80E-05	2.31E-03
168	2	674.75	4853.25	8.7245	49.7970	19.3380	3.3418	98.9570	60.3780	0.8895	26.3401	1.05E-04	3.12E-03
169	2	675.25	4853.25	13.1415	72.5850	29.6185	4.8492	140.1700	90.3060	1.2907	37.3101	1.53E-04	4.41E-03
170	2	675.75	4853.25	26.3265	117.2050	60.0100	9.0598	178.4300	145.9100	2.4115	47.4941	2.85E-04	5.62E-03
171	2	676.25	4853.25	29.9160	160.8900	71.4900	10.6980	231.0300	180.4400	2.8476	61.4950	3.37E-04	7.27E-03
172	2	676.75	4853.25	26.3055	118.3900	57.8900	11.1310	212.9100	161.6500	2.9628	56.6719	3.50E-04	6.70E-03
173	2	677.25	4853.25	15.8510	76.9150	32.5410	5.4504	160.4400	104.2400	1.4508	42.7055	1.72E-04	5.05E-03
174	2	677.75	4853.25	11.1090	53.6700	22.4850	3.3910	120.3900	58.8780	0.9026	32.0451	1.07E-04	3.79E-03
175	2	678.25	4853.25	5.6000	42.5885	11.8815	1.6895	94.3970	36.1870	0.4497	25.1264	5.32E-05	2.97E-03

ambiente
ingegneria ambientale e laboratori

Recettori Cantiere

Toscana Aeroporti

		UTM WGS84 F32	UTM WGS84 F32	PM10		[ug/m3]	NOX		[ug/m3]	CO	[ug/m3]	C6H6	[ug/m3]
id	quota [m sls]	x	y	media annuale	massimo 24 h	90.4 perc	media annuale	massimo orario	99.8 perc	media annuale	massimo orario	media annuale	massimo orario
181	2	671.25	4853.75	2.2259	14.3330	6.1255	0.9530	50.7820	22.8050	0.2537	13.5170	3.00E-05	1.60E-03
182	2	671.75	4853.75	2.7328	17.6990	7.5750	1.1610	46.1220	25.2920	0.3090	12.2766	3.66E-05	1.45E-03
183	2	672.25	4853.75	3.2480	21.5345	8.9590	1.3826	44.3610	29.2910	0.3680	11.8079	4.35E-05	1.40E-03
184	2	672.75	4853.75	3.8789	25.9960	10.3835	1.6641	62.4340	34.7380	0.4429	16.6185	5.24E-05	1.97E-03
185	2	673.25	4853.75	4.7864	31.9795	12.0705	2.0762	76.6270	41.2720	0.5526	20.3964	6.54E-05	2.41E-03
186	2	673.75	4853.75	6.4010	41.0830	15.4020	2.7892	92.8850	54.2670	0.7424	24.7239	8.78E-05	2.92E-03
187	2	674.25	4853.75	9.7340	57.7150	23.3105	4.1916	118.6900	71.9350	1.1157	31.5926	1.32E-04	3.74E-03
188	2	674.75	4853.75	12.6075	73.2850	30.3865	5.8085	136.1300	105.3900	1.5461	36.2348	1.83E-04	4.29E-03
189	2	675.25	4853.75	18.2085	96.7500	46.3325	8.4589	179.9800	152.8900	2.2516	47.9066	2.66E-04	5.67E-03
190	2	675.75	4853.75	31.5525	154.2150	78.2200	14.5400	242.0100	213.0500	3.8702	64.4176	4.58E-04	7.62E-03
191	2	676.25	4853.75	38.0400	176.2900	93.6800	17.6020	288.0000	218.0300	4.6853	76.6591	5.54E-04	9.07E-03
192	2	676.75	4853.75	26.7710	163.7600	67.7300	11.3230	221.5000	162.2500	3.0139	58.9583	3.56E-04	6.97E-03
193	2	677.25	4853.75	12.9245	95.3650	28.1580	4.8317	158.1400	90.6840	1.2861	42.0933	1.52E-04	4.98E-03
194	2	677.75	4853.75	7.4015	61.1000	16.3115	2.5457	111.0000	53.5340	0.6776	29.5457	8.01E-05	3.49E-03
195	2	678.25	4853.75	4.5632	43.1185	10.7170	1.5267	72.7680	37.1230	0.4064	19.3692	4.81E-05	2.29E-03
196	2	678.75	4853.75	3.0977	31.7865	6.9300	1.0151	60.4780	26.6670	0.2702	16.0979	3.20E-05	1.90E-03
197	2	679.25	4853.75	2.1759	24.6405	5.0510	0.7089	49.7550	20.5950	0.1887	13.2437	2.23E-05	1.57E-03
198	2	679.75	4853.75	1.5754	19.5695	3.6874	0.5167	40.4210	15.1710	0.1375	10.7592	1.63E-05	1.27E-03
199	2	680.25	4853.75	1.1660	15.5275	2.7440	0.3849	31.3220	12.6920	0.1024	8.3372	1.21E-05	9.86E-04
200	2	680.75	4853.75	0.8456	11.5705	2.1537	0.2785	23.4010	8.8676	0.0741	6.2288	8.77E-06	7.37E-04
201	2	671.25	4854.25	2.3834	13.8280	6.4185	1.0401	39.5190	23.8260	0.2769	10.5191	3.27E-05	1.24E-03
202	2	671.75	4854.25	2.9960	17.9525	8.2070	1.3102	45.8980	28.3770	0.3487	12.2170	4.12E-05	1.44E-03
203	2	672.25	4854.25	3.6930	23.0270	10.2355	1.6294	51.5880	33.4880	0.4337	13.7316	5.13E-05	1.62E-03
204	2	672.75	4854.25	4.6843	29.8180	12.4855	2.0890	67.4180	42.1510	0.5560	17.9452	6.58E-05	2.12E-03
205	2	673.25	4854.25	6.3430	40.2805	16.4385	2.8575	96.7660	54.6410	0.7606	25.7569	9.00E-05	3.05E-03
206	2	673.75	4854.25	9.6355	59.0700	24.4005	4.3568	151.8300	81.7200	1.1597	40.4137	1.37E-04	4.78E-03
207	2	674.25	4854.25	16.7150	97.8750	42.7575	7.5059	193.3600	136.8800	1.9979	51.4681	2.36E-04	6.09E-03
208	2	674.75	4854.25	24.5420	135.0800	64.7000	12.1740	237.6700	197.6600	3.2404	63.2624	3.83E-04	7.48E-03
209	2	675.25	4854.25	29.1055	160.9850	81.6350	14.8850	256.7800	219.5500	3.9621	68.3491	4.69E-04	8.08E-03
210	2	675.75	4854.25	26.5340	162.3000	71.0500	13.0400	255.4200	200.4700	3.4710	67.9871	4.11E-04	8.04E-03
211	2	676.25	4854.25	19.7720	125.6500	51.9800	8.9601	206.6800	145.8900	2.3850	55.0136	2.82E-04	6.51E-03
212	2	676.75	4854.25	12.6510	80.0000	29.7990	5.3320	149.5100	90.8430	1.4193	39.7962	1.68E-04	4.71E-03
213	2	677.25	4854.25	8.2340	55.8400	18.8890	3.2043	124.2300	64.9470	0.8529	33.0672	1.01E-04	3.91E-03
214	2	677.75	4854.25	5.5755	42.3930	12.4070	2.0344	104.6400	40.5180	0.5415	27.8528	6.40E-05	3.29E-03
215	2	678.25	4854.25	3.8331	32.9495	8.9300	1.3535	70.5030	29.2830	0.3603	18.7663	4.26E-05	2.22E-03
216	2	678.75	4854.25	2.7385	27.2715	6.3470	0.9466	55.2890	23.5540	0.2520	14.7167	2.98E-05	1.74E-03
217	2	679.25	4854.25	2.0546	23.2910	4.8248	0.6994	40.3270	19.0870	0.1862	10.7341	2.20E-05	1.27E-03
218	2	679.75	4854.25	1.5582	18.9585	3.6189	0.5239	36.3420	16.5480	0.1395	9.6734	1.65E-05	1.14E-03
219	2	680.25	4854.25	1.1851	14.9515	2.8946	0.3981	36.0050	13.3400	0.1060	9.5837	1.25E-05	1.13E-03
220	2	680.75	4854.25	0.8545	10.9260	2.0164	0.2879	32.4290	8.8745	0.0766	8.6319	9.06E-06	1.02E-03
221	2	671.25	4854.75	2.2351	11.2430	5.4290	0.9767	36.2850	21.6340	0.2600	9.6583	3.07E-05	1.14E-03
222	2	671.75	4854.75	2.8681	13.7505	7.0615	1.2566	40.6060	23.8320	0.3345	10.8084	3.96E-05	1.28E-03
223	2	672.25	4854.75	3.6291	17.5855	9.2990	1.6045	46.5560	28.3220	0.4271	12.3922	5.05E-05	1.47E-03
224	2	672.75	4854.75	4.7704	23.2110	12.0005	2.1269	66.7310	38.2400	0.5661	17.7623	6.70E-05	2.10E-03
225	2	673.25	4854.75	6.7445	38.1440	16.5725	3.0259	126.0700	52.1440	0.8054	33.5570	9.53E-05	3.97E-03
226	2	673.75	4854.75	10.9675	61.8450	27.1090	4.9327	153.8400	79.1440	1.3130	40.9488	1.55E-04	4.84E-03
227	2	674.25	4854.75	23.6665	112.0000	61.4200	10.6240	227.0100	149.9500	2.8279	60.4250	3.34E-04	7.15E-03
228	2	674.75	4854.75	30.8450	144.7250	75.3750	14.7670	244.6600	185.7800	3.9306	65.1230	4.65E-04	7.70E-03
229	2	675.25	4854.75	22.6785	130.9800	57.0800	10.7360	214.2100	164.2000	2.8577	57.0179	3.38E-04	6.74E-03
230	2	675.75	4854.75	16.0895	103.1950	41.6795	7.4580	171.6100	123.5700	1.9852	45.6787	2.35E-04	5.40E-03
231	2	676.25	4854.75	11.3385	76.7250	28.8845	5.0079	122.8600	85.1990	1.3330	32.7026	1.58E-04	3.87E-03
232	2	676.75	4854.75	7.7880	59.5050	19.3715	3.2886	90.5580	60.1640	0.8754	24.1045	1.04E-04	2.85E-03
233	2	677.25	4854.75	5.7005	43.7065	13.5960	2.2686	79.6460	44.7850	0.6039	21.2000	7.14E-05	2.51E-03
234	2	677.75	4854.75	4.2377	33.3535	9.9525	1.6118	74.4180	33.3980	0.4290	19.8084	5.07E-05	2.34E-03
235	2	678.25	4854.75	3.2017	26.0225	7.2520	1.1757	70.7980	28.5700	0.3129	18.8448	3.70E-05	2.23E-03

Recettori Cantiere

		UTM WGS84 F32	UTM WGS84 F32	PM10		[ug/m3]	NOX		[ug/m3]	CO	[ug/m3]	C6H6	[ug/m3]
id	quota [m sls]	x	y	media annuale	massimo 24 h	90.4 perc	media annuale	massimo orario	99.8 perc	media annuale	massimo orario	media annuale	massimo orario
241	2	671.25	4855.25	1.8363	8.5420	4.3639	0.7961	38.5610	19.4930	0.2119	10.2641	2.51E-05	1.21E-03
242	2	671.75	4855.25	2.3405	10.6645	5.6885	1.0154	66.1900	24.0880	0.2703	17.6183	3.20E-05	2.08E-03
243	2	672.25	4855.25	2.8967	15.0465	7.1630	1.2590	86.1550	28.6280	0.3351	22.9325	3.96E-05	2.71E-03
244	2	672.75	4855.25	3.6444	20.1610	9.0545	1.5897	88.3210	33.3980	0.4231	23.5091	5.00E-05	2.78E-03
245	2	673.25	4855.25	4.8349	27.3575	12.0210	2.1255	79.4280	48.3170	0.5658	21.1420	6.69E-05	2.50E-03
246	2	673.75	4855.25	7.1630	41.7185	18.1505	3.1666	101.0700	70.3160	0.8429	26.9026	9.97E-05	3.18E-03
247	2	674.25	4855.25	12.3410	63.6350	32.8295	5.4177	178.6200	100.0400	1.4421	47.5446	1.71E-04	5.62E-03
248	2	674.75	4855.25	13.0775	71.4000	33.5975	5.9327	146.2000	96.9230	1.5792	38.9152	1.87E-04	4.60E-03
249	2	675.25	4855.25	10.3925	60.6550	26.4170	4.7394	126.5800	82.0680	1.2615	33.6928	1.49E-04	3.98E-03
250	2	675.75	4855.25	8.3760	51.4000	22.1980	3.7422	105.8500	69.7400	0.9961	28.1749	1.18E-04	3.33E-03
251	2	676.25	4855.25	6.8335	45.5805	17.9840	2.9679	84.8440	60.3570	0.7900	22.5836	9.34E-05	2.67E-03
252	2	676.75	4855.25	5.3640	40.5815	13.5980	2.2623	70.9120	47.1510	0.6022	18.8752	7.12E-05	2.23E-03
253	2	677.25	4855.25	4.2436	34.6780	10.4510	1.7132	58.5450	38.1160	0.4560	15.5834	5.39E-05	1.84E-03
254	2	677.75	4855.25	3.3550	29.2110	8.4545	1.3001	46.6080	30.8520	0.3461	12.4060	4.09E-05	1.47E-03
255	2	678.25	4855.25	2.6912	24.4605	6.6620	1.0047	50.9750	25.2200	0.2674	13.5684	3.16E-05	1.60E-03
256	2	678.75	4855.25	2.1315	20.2470	5.1595	0.7835	53.7990	21.5140	0.2085	14.3201	2.47E-05	1.69E-03
257	2	679.25	4855.25	1.6664	16.0940	3.9214	0.6095	38.7050	18.6180	0.1622	10.3024	1.92E-05	1.22E-03
258	2	679.75	4855.25	1.3236	13.0285	3.0071	0.4778	35.7550	14.5310	0.1272	9.5172	1.50E-05	1.13E-03
259	2	680.25	4855.25	1.0622	11.1910	2.3946	0.3783	32.4080	11.9710	0.1007	8.6263	1.19E-05	1.02E-03
260	2	680.75	4855.25	0.7965	8.5690	1.7959	0.2802	28.4310	10.6110	0.0746	7.5677	8.82E-06	8.95E-04
261	2	671.25	4855.75	1.4781	8.2515	3.7478	0.6324	49.1630	19.3520	0.1683	13.0861	1.99E-05	1.55E-03
262	2	671.75	4855.75	1.8520	10.4030	4.5972	0.7916	47.6820	23.1370	0.2107	12.6919	2.49E-05	1.50E-03
263	2	672.25	4855.75	2.2309	12.1430	5.6065	0.9589	54.3580	26.8280	0.2552	14.4689	3.02E-05	1.71E-03
264	2	672.75	4855.75	2.7321	14.3510	6.6935	1.1833	59.9260	32.4700	0.3150	15.9510	3.73E-05	1.89E-03
265	2	673.25	4855.75	3.4417	20.8500	8.5825	1.5003	66.4710	37.7580	0.3993	17.6931	4.72E-05	2.09E-03
266	2	673.75	4855.75	4.4963	29.3940	11.2870	1.9734	100.1500	48.0390	0.5253	26.6577	6.21E-05	3.15E-03
267	2	674.25	4855.75	5.7070	33.0465	15.3305	2.5096	85.4840	58.1240	0.6680	22.7539	7.90E-05	2.69E-03
268	2	674.75	4855.75	6.2735	36.6715	16.8010	2.7811	89.9070	53.0060	0.7403	23.9312	8.76E-05	2.83E-03
269	2	675.25	4855.75	5.8110	32.2525	15.4830	2.5798	89.9870	52.2880	0.6867	23.9525	8.12E-05	2.83E-03
270	2	675.75	4855.75	5.2630	30.6505	13.8490	2.3009	78.2230	47.5400	0.6124	20.8212	7.24E-05	2.46E-03
271	2	676.25	4855.75	4.6210	30.0575	12.0385	1.9792	64.4630	42.9120	0.5268	17.1586	6.23E-05	2.03E-03
272	2	676.75	4855.75	3.8811	27.3675	9.8535	1.6220	60.0910	35.4220	0.4317	15.9949	5.11E-05	1.89E-03
273	2	677.25	4855.75	3.2393	24.4485	8.2035	1.3125	49.5990	28.5560	0.3494	13.2021	4.13E-05	1.56E-03
274	2	677.75	4855.75	2.6859	22.0515	6.7805	1.0504	34.7300	25.6040	0.2796	9.2443	3.31E-05	1.09E-03
275	2	678.25	4855.75	2.2327	20.4010	5.6250	0.8452	34.1560	21.6800	0.2250	9.0916	2.66E-05	1.08E-03
276	2	678.75	4855.75	1.8172	17.9305	4.3717	0.6813	34.3490	17.6050	0.1813	9.1429	2.14E-05	1.08E-03
277	2	679.25	4855.75	1.4908	13.8310	3.5685	0.5518	35.2110	15.1980	0.1469	9.3724	1.74E-05	1.11E-03
278	2	679.75	4855.75	1.1996	10.6965	2.8815	0.4421	30.5430	13.2660	0.1177	8.1299	1.39E-05	9.62E-04
279	2	680.25	4855.75	0.9583	8.9250	2.2477	0.3503	28.0550	11.2040	0.0932	7.4676	1.10E-05	8.83E-04
280	2	680.75	4855.75	0.7254	7.7110	1.8096	0.2629	24.3760	9.1631	0.0700	6.4883	8.28E-06	7.67E-04
281	2	671.25	4856.25	1.2258	7.1815	3.2909	0.5201	38.0550	16.8590	0.1384	10.1294	1.64E-05	1.20E-03
282	2	671.75	4856.25	1.5288	8.4205	4.0111	0.6502	34.1300	19.6580	0.1731	9.0846	2.05E-05	1.07E-03
283	2	672.25	4856.25	1.8265	10.3405	4.5779	0.7775	37.6740	20.5380	0.2070	10.0280	2.45E-05	1.19E-03
284	2	672.75	4856.25	2.1871	14.3305	5.5660	0.9354	52.6960	23.7740	0.2490	14.0265	2.94E-05	1.66E-03
285	2	673.25	4856.25	2.6595	18.6795	6.8405	1.1479	82.1220	30.5280	0.3055	21.8590	3.61E-05	2.59E-03
286	2	673.75	4856.25	3.1589	20.6285	8.3380	1.3717	60.9470	36.8670	0.3651	16.2227	4.32E-05	1.92E-03
287	2	674.25	4856.25	3.5945	21.6100	9.7330	1.5602	56.8460	37.4370	0.4153	15.1311	4.91E-05	1.79E-03
288	2	674.75	4856.25	3.8874	22.4250	10.6020	1.6924	68.8150	38.8330	0.4505	18.3170	5.33E-05	2.17E-03
289	2	675.25	4856.25	3.8949	21.1620	10.4810	1.6956	70.1570	38.0220	0.4513	18.6742	5.34E-05	2.21E-03
290	2	675.75	4856.25	3.6818	21.7920	9.8730	1.5848	59.2240	34.5460	0.4218	15.7641	4.99E-05	1.86E-03
291	2	676.25	4856.25	3.3116	23.0035	8.4615	1.3997	53.1100	31.3110	0.3726	14.1367	4.41E-05	1.67E-03
292	2	676.75	4856.25	2.8963	21.0530	7.3665	1.2019	50.6360	27.7310	0.3199	13.4782	3.78E-05	1.59E-03
293	2	677.25	4856.25	2.5198	17.9200	6.3440	1.0194	39.9810	23.1360	0.2713	10.6420	3.21E-05	1.26E-03
294	2	677.75	4856.25	2.1528	15.2695	5.5095	0.8496	27.7880	20.0390	0.2261	7.3965	2.67E-05	8.75E-04
295	2	678.25	4856.25	1.8402	14.2740	4.7730	0.7048	30.3560	18.1670	0.1876	8.0801	2.22E-05	9.56E-04

Recettori Cantiere

		UTM WGS84 F32	UTM WGS84 F32	PM10		[ug/m3]	NOX		[ug/m3]	CO	[ug/m3]	C6H6	[ug/m3]
id	quota [m sls]	x	y	media annuale	massimo 24 h	90.4 perc	media annuale	massimo orario	99.8 perc	media annuale	massimo orario	media annuale	massimo orario
301	2	671.25	4856.75	1.0265	5.9065	2.6699	0.4322	23.1960	13.7540	0.1150	6.1743	1.36E-05	7.30E-04
302	2	671.75	4856.75	1.2806	7.7720	3.2937	0.5381	32.0600	14.8160	0.1432	8.5337	1.69E-05	1.01E-03
303	2	672.25	4856.75	1.5415	10.7090	3.9872	0.6514	47.1620	17.5180	0.1734	12.5535	2.05E-05	1.48E-03
304	2	672.75	4856.75	1.8233	13.6570	4.7804	0.7757	61.4490	22.8600	0.2065	16.3563	2.44E-05	1.93E-03
305	2	673.25	4856.75	2.0893	14.9255	5.4605	0.8936	50.9960	25.0530	0.2379	13.5740	2.81E-05	1.61E-03
306	2	673.75	4856.75	2.3247	14.1990	6.1910	0.9949	48.3660	25.6370	0.2648	12.8739	3.13E-05	1.52E-03
307	2	674.25	4856.75	2.5709	15.2555	6.8325	1.1011	47.9220	27.1270	0.2931	12.7558	3.47E-05	1.51E-03
308	2	674.75	4856.75	2.7385	15.7350	7.4355	1.1801	52.6350	28.0080	0.3141	14.0103	3.72E-05	1.66E-03
309	2	675.25	4856.75	2.8438	15.0275	7.2570	1.2149	50.3410	29.8390	0.3234	13.3996	3.82E-05	1.58E-03
310	2	675.75	4856.75	2.7355	16.2220	7.1740	1.1623	49.0810	27.5040	0.3094	13.0643	3.66E-05	1.55E-03
311	2	676.25	4856.75	2.4963	16.4640	6.2230	1.0428	46.8230	25.8650	0.2776	12.4632	3.28E-05	1.47E-03
312	2	676.75	4856.75	2.2406	15.8105	5.6445	0.9229	45.9210	21.0630	0.2457	12.2231	2.91E-05	1.45E-03
313	2	677.25	4856.75	2.0007	14.6600	5.1485	0.8081	35.4910	19.1270	0.2151	9.4469	2.54E-05	1.12E-03
314	2	677.75	4856.75	1.7551	13.0135	4.6721	0.6956	30.7710	17.3820	0.1852	8.1905	2.19E-05	9.69E-04
315	2	678.25	4856.75	1.5305	11.3770	4.0500	0.5906	27.5890	15.4650	0.1572	7.3436	1.86E-05	8.69E-04
316	2	678.75	4856.75	1.3272	9.7515	3.4407	0.5005	31.6280	14.8090	0.1332	8.4187	1.58E-05	9.96E-04
317	2	679.25	4856.75	1.1157	8.9725	2.8453	0.4191	21.2870	12.5810	0.1115	5.6661	1.32E-05	6.70E-04
318	2	679.75	4856.75	0.9255	8.0665	2.2596	0.3461	21.7320	10.4930	0.0921	5.7846	1.09E-05	6.84E-04
319	2	680.25	4856.75	0.7554	6.4120	1.8690	0.2828	15.7850	9.2441	0.0753	4.2016	8.90E-06	4.97E-04
320	2	680.75	4856.75	0.5761	4.8297	1.4984	0.2149	15.4980	7.5594	0.0572	4.1252	6.76E-06	4.88E-04
321	2	671.25	4857.25	0.8774	5.7350	2.2711	0.3665	30.0010	11.8330	0.0975	7.9856	1.15E-05	9.44E-04
322	2	671.75	4857.25	1.1123	8.5345	2.8333	0.4649	41.7630	13.1520	0.1238	11.1164	1.46E-05	1.31E-03
323	2	672.25	4857.25	1.3208	10.6085	3.4830	0.5543	40.6850	16.7080	0.1476	10.8294	1.75E-05	1.28E-03
324	2	672.75	4857.25	1.4992	11.1700	3.8642	0.6310	43.4050	20.6610	0.1680	11.5534	1.99E-05	1.37E-03
325	2	673.25	4857.25	1.6416	10.4745	4.3048	0.6942	35.7220	19.5540	0.1848	9.5084	2.19E-05	1.12E-03
326	2	673.75	4857.25	1.8007	11.0865	4.6749	0.7624	35.4360	20.1610	0.2029	9.4323	2.40E-05	1.12E-03
327	2	674.25	4857.25	1.9675	11.7535	5.0975	0.8388	36.6700	23.2690	0.2233	9.7607	2.64E-05	1.15E-03
328	2	674.75	4857.25	2.0966	11.6070	5.3015	0.8938	44.3570	26.8050	0.2379	11.8068	2.81E-05	1.40E-03
329	2	675.25	4857.25	2.1855	13.5775	5.6295	0.9223	47.4580	27.8800	0.2455	12.6323	2.90E-05	1.49E-03
330	2	675.75	4857.25	2.1055	13.2400	5.4275	0.8847	40.2900	23.2370	0.2355	10.7243	2.79E-05	1.27E-03
331	2	676.25	4857.25	1.9430	12.1245	4.6859	0.8041	38.2160	20.9840	0.2140	10.1722	2.53E-05	1.20E-03
332	2	676.75	4857.25	1.7788	11.5790	4.2537	0.7295	35.8220	17.9940	0.1942	9.5350	2.30E-05	1.13E-03
333	2	677.25	4857.25	1.6145	11.1495	4.1363	0.6515	28.4600	16.6700	0.1734	7.5754	2.05E-05	8.96E-04
334	2	677.75	4857.25	1.4536	10.8845	3.8571	0.5782	31.1090	15.6490	0.1539	8.2805	1.82E-05	9.79E-04
335	2	678.25	4857.25	1.2879	10.4160	3.4203	0.4995	30.6630	13.5820	0.1329	8.1618	1.57E-05	9.65E-04
336	2	678.75	4857.25	1.1099	8.8910	2.9435	0.4214	24.5200	11.9100	0.1122	6.5267	1.33E-05	7.72E-04
337	2	679.25	4857.25	0.9418	7.4985	2.4614	0.3555	25.6050	11.4810	0.0946	6.8155	1.12E-05	8.06E-04
338	2	679.75	4857.25	0.8037	6.5490	2.0437	0.3008	22.0970	9.9153	0.0801	5.8817	9.47E-06	6.96E-04
339	2	680.25	4857.25	0.6636	5.3935	1.6831	0.2484	16.3920	8.0308	0.0661	4.3632	7.82E-06	5.16E-04
340	2	680.75	4857.25	0.5064	4.0059	1.3556	0.1903	16.6910	6.7482	0.0507	4.4428	5.99E-06	5.25E-04
341	2	671.25	4857.75	0.7648	6.4075	1.9555	0.3183	29.9920	10.8160	0.0847	7.9832	1.00E-05	9.44E-04
342	2	671.75	4857.75	0.9565	8.1890	2.4669	0.3968	36.8950	12.7110	0.1056	9.8206	1.25E-05	1.16E-03
343	2	672.25	4857.75	1.0954	8.3275	2.8871	0.4545	35.7000	15.2090	0.1210	9.5025	1.43E-05	1.12E-03
344	2	672.75	4857.75	1.2095	7.7950	3.0363	0.5043	32.2000	16.5070	0.1342	8.5709	1.59E-05	1.01E-03
345	2	673.25	4857.75	1.3275	8.8555	3.3063	0.5568	32.7500	16.1510	0.1482	8.7173	1.75E-05	1.03E-03
346	2	673.75	4857.75	1.4538	9.5020	3.7249	0.6132	30.5400	17.4650	0.1632	8.1291	1.93E-05	9.61E-04
347	2	674.25	4857.75	1.5779	9.4505	4.0312	0.6715	37.0360	21.9820	0.1787	9.8582	2.11E-05	1.17E-03
348	2	674.75	4857.75	1.6720	10.8460	4.2641	0.7056	41.9490	23.1370	0.1878	11.1659	2.22E-05	1.32E-03
349	2	675.25	4857.75	1.7225	12.5740	4.2540	0.7216	42.6890	23.2340	0.1921	11.3629	2.27E-05	1.34E-03
350	2	675.75	4857.75	1.6438	11.8450	3.9605	0.6846	40.8420	19.1550	0.1822	10.8712	2.16E-05	1.29E-03
351	2	676.25	4857.75	1.5220	9.7630	3.5574	0.6247	26.6450	17.3990	0.1663	7.0923	1.97E-05	8.39E-04
352	2	676.75	4857.75	1.4279	9.0065	3.3476	0.5825	25.9680	15.8770	0.1550	6.9121	1.83E-05	8.18E-04
353	2	677.25	4857.75	1.3253	8.6345	3.2827	0.5347	24.1090	15.8930	0.1423	6.4173	1.68E-05	7.59E-04
354	2	677.75	4857.75	1.2134	8.4020	3.1461	0.4827	23.6370	14.4570	0.1285	6.2916	1.52E-05	7.44E-04
355	2	678.25	4857.75	1.0852	8.3875	2.8148	0.4227	25.6620	13.3260	0.1125	6.8306	1.33E-05	8.08E-04

Recettori Cantiere

		UTM WGS84 F32	UTM WGS84 F32	PM10		[ug/m3]	NOX		[ug/m3]	CO	[ug/m3]	C6H6	[ug/m3]
id	quota [m sls]	x	y	media annuale	massimo 24 h	90.4 perc	media annuale	massimo orario	99.8 perc	media annuale	massimo orario	media annuale	massimo orario
361	2	671.25	4858.25	0.6453	5.7355	1.7201	0.2671	27.2160	9.7417	0.0711	7.2443	8.41E-06	8.57E-04
362	2	671.75	4858.25	0.7900	5.8995	2.0375	0.3254	28.1500	12.1610	0.0866	7.4929	1.02E-05	8.86E-04
363	2	672.25	4858.25	0.8862	6.1300	2.2372	0.3661	29.2990	13.8920	0.0974	7.7987	1.15E-05	9.22E-04
364	2	672.75	4858.25	0.9792	6.5840	2.3341	0.4077	28.2290	13.6880	0.1085	7.5139	1.28E-05	8.89E-04
365	2	673.25	4858.25	1.0814	7.6290	2.7335	0.4534	29.8520	15.3120	0.1207	7.9459	1.43E-05	9.40E-04
366	2	673.75	4858.25	1.1869	7.8580	3.0585	0.5012	31.6760	17.5190	0.1334	8.4314	1.58E-05	9.97E-04
367	2	674.25	4858.25	1.2835	8.3935	3.3948	0.5445	36.2050	20.2810	0.1449	9.6370	1.71E-05	1.14E-03
368	2	674.75	4858.25	1.3390	10.6015	3.4604	0.5617	39.5620	20.1970	0.1495	10.5305	1.77E-05	1.25E-03
369	2	675.25	4858.25	1.3503	11.6035	3.3911	0.5627	41.7990	18.9920	0.1498	11.1260	1.77E-05	1.32E-03
370	2	675.75	4858.25	1.2856	10.6335	3.0759	0.5312	32.1630	15.3620	0.1414	8.5611	1.67E-05	1.01E-03
371	2	676.25	4858.25	1.1962	8.4830	2.9675	0.4886	25.4690	14.5760	0.1300	6.7793	1.54E-05	8.02E-04
372	2	676.75	4858.25	1.1400	6.5785	2.8028	0.4631	21.5430	13.8730	0.1233	5.7343	1.46E-05	6.78E-04
373	2	677.25	4858.25	1.0830	6.6230	2.7446	0.4363	20.8930	14.4600	0.1161	5.5612	1.37E-05	6.58E-04
374	2	677.75	4858.25	1.0072	7.0110	2.7540	0.4009	22.7740	13.2790	0.1067	6.0619	1.26E-05	7.17E-04
375	2	678.25	4858.25	0.9122	6.8545	2.3808	0.3567	22.0650	12.1390	0.0949	5.8732	1.12E-05	6.95E-04
376	2	678.75	4858.25	0.8051	7.3815	2.0506	0.3106	24.4910	11.0480	0.0827	6.5190	9.78E-06	7.71E-04
377	2	679.25	4858.25	0.7022	7.1305	1.8274	0.2683	29.3500	8.5812	0.0714	7.8123	8.45E-06	9.24E-04
378	2	679.75	4858.25	0.6033	5.7860	1.5674	0.2302	24.3480	7.1114	0.0613	6.4809	7.25E-06	7.67E-04
379	2	680.25	4858.25	0.5126	4.2854	1.3367	0.1933	19.1210	7.2781	0.0515	5.0896	6.09E-06	6.02E-04
380	2	680.75	4858.25	0.3897	3.0675	1.0880	0.1474	14.5970	5.7780	0.0392	3.8854	4.64E-06	4.60E-04
381	2	671.25	4858.75	0.4926	3.7300	1.3031	0.2036	22.2940	8.3086	0.0542	5.9342	6.41E-06	7.02E-04
382	2	671.75	4858.75	0.5967	4.2505	1.5473	0.2456	22.6860	9.2446	0.0654	6.0385	7.73E-06	7.14E-04
383	2	672.25	4858.75	0.6732	4.7811	1.6477	0.2791	20.9350	10.0850	0.0743	5.5724	8.79E-06	6.59E-04
384	2	672.75	4858.75	0.7443	5.4810	1.9036	0.3114	22.4810	11.2900	0.0829	5.9839	9.80E-06	7.08E-04
385	2	673.25	4858.75	0.8308	5.8800	2.0952	0.3487	25.3510	12.7830	0.0928	6.7479	1.10E-05	7.98E-04
386	2	673.75	4858.75	0.9133	5.8590	2.3603	0.3861	28.7460	14.7960	0.1028	7.6515	1.22E-05	9.05E-04
387	2	674.25	4858.75	0.9804	6.9505	2.5636	0.4138	36.4950	15.4580	0.1101	9.7142	1.30E-05	1.15E-03
388	2	674.75	4858.75	1.0051	8.4985	2.6718	0.4205	39.2860	15.7820	0.1119	10.4571	1.32E-05	1.24E-03
389	2	675.25	4858.75	0.9995	9.0690	2.5824	0.4154	29.9300	14.5070	0.1106	7.9667	1.31E-05	9.42E-04
390	2	675.75	4858.75	0.9614	8.2450	2.4163	0.3958	25.7080	12.0060	0.1054	6.8429	1.25E-05	8.09E-04
391	2	676.25	4858.75	0.9065	6.4265	2.3280	0.3695	21.8370	11.6020	0.0983	5.8125	1.16E-05	6.87E-04
392	2	676.75	4858.75	0.8669	4.9341	2.3307	0.3515	21.1970	11.2760	0.0936	5.6422	1.11E-05	6.67E-04
393	2	677.25	4858.75	0.8376	5.3885	2.2425	0.3366	17.5970	12.0670	0.0896	4.6839	1.06E-05	5.54E-04
394	2	677.75	4858.75	0.7843	6.0020	2.1150	0.3125	20.9210	10.9340	0.0832	5.5687	9.84E-06	6.59E-04
395	2	678.25	4858.75	0.7212	5.4590	1.9244	0.2829	20.0270	10.5860	0.0753	5.3307	8.91E-06	6.30E-04
396	2	678.75	4858.75	0.6436	5.9650	1.6308	0.2491	22.0610	9.4489	0.0663	5.8721	7.84E-06	6.95E-04
397	2	679.25	4858.75	0.5620	5.6220	1.4384	0.2153	25.9570	7.4996	0.0573	6.9092	6.78E-06	8.17E-04
398	2	679.75	4858.75	0.4827	4.4651	1.2572	0.1848	20.0580	6.2461	0.0492	5.3390	5.82E-06	6.31E-04
399	2	680.25	4858.75	0.4106	3.3443	1.0208	0.1560	16.0210	6.0760	0.0415	4.2644	4.91E-06	5.04E-04
400	2	680.75	4858.75	0.3146	2.4671	0.7979	0.1187	12.5150	4.6631	0.0316	3.3312	3.74E-06	3.94E-04