

# MONITORIZAREA CALITATII AERULUI – SISTEME AUTOMATE DE MONITORIZARE APARTINAND OPERATORILOR ECONOMICI

## 1. S.C Unilever Romania S.A. (punct monitorizare Scoala Grigore Moisil Ploiesti) – Rezultate monitorizare in data de : 17.07.2019

17.07.2019	
Data Ora	Pulberi, $\mu\text{g}/\text{m}^3$
2019-07-17 00:00:00	11.56
2019-07-17 01:00:00	11.57
2019-07-17 02:00:00	11.57
2019-07-17 03:00:00	10.45
2019-07-17 04:00:00	8.99
2019-07-17 05:00:00	8.99
2019-07-17 06:00:00	8.99
2019-07-17 07:00:00	8.99
2019-07-17 08:00:00	8.99
2019-07-17 09:00:00	10.30
2019-07-17 10:00:00	11.91
2019-07-17 11:00:00	11.91
2019-07-17 12:00:00	11.90
2019-07-17 13:00:00	11.90
2019-07-17 14:00:00	11.90
2019-07-17 15:00:00	11.24
2019-07-17 16:00:00	10.54
2019-07-17 17:00:00	10.54
2019-07-17 18:00:00	10.54
2019-07-17 19:00:00	10.55
2019-07-17 20:00:00	10.55
2019-07-17 21:00:00	10.90
2019-07-17 22:00:00	11.24
2019-07-17 23:00:00	11.24

**2. SC Saint Gobain Construction Products Romania SRL- Punct de lucru Isover Ploiesti (punct monitorizare – limita amplasamentului zona cartier Mihai Bravu) – Rezultate monitorizare in data de : 17.07.2019**

17.07.2019		
DateTime	NH3 ( $\mu\text{g}/\text{m}^3$ )	HCHO ( $\mu\text{g}/\text{m}^3$ )
17/07/2019 00:17	1.46	1.31
17/07/2019 00:47	1.41	1.41
17/07/2019 01:17	1.39	1.53
17/07/2019 01:47	1.27	1.58
17/07/2019 02:17	1.12	1.72
17/07/2019 02:47	1.11	1.64
17/07/2019 03:17	1.04	1.89
17/07/2019 03:47	0.98	2.22
17/07/2019 04:17	0.95	2.07
17/07/2019 04:47	0.88	1.74
17/07/2019 05:17	0.81	1.54
17/07/2019 05:47	0.79	1.61
17/07/2019 06:17	0.68	1.42
17/07/2019 06:47	0.66	1.57
17/07/2019 07:17	0.70	2.34
17/07/2019 07:47	0.99	2.81
17/07/2019 08:17	0.70	2.43
17/07/2019 08:47	0.76	3.07
17/07/2019 09:17	0.81	2.00
17/07/2019 09:47	0.96	2.15
17/07/2019 10:17	0.92	2.62
17/07/2019 10:47	0.99	2.39
17/07/2019 11:17	0.94	2.65
17/07/2019 11:47	0.91	2.46
17/07/2019 12:17	0.88	1.91
17/07/2019 12:47	0.94	2.03
17/07/2019 13:17	1.12	2.08
17/07/2019 13:47	1.13	1.79
17/07/2019 14:17	1.04	1.85
17/07/2019 14:47	1.13	2.08
17/07/2019 15:17	1.26	2.10
17/07/2019 15:47	1.03	2.08
17/07/2019 16:17	1.08	2.22
17/07/2019 16:47	1.60	2.44
17/07/2019 17:17	1.92	2.75
17/07/2019 17:47	1.90	2.92
17/07/2019 18:17	2.28	3.12
17/07/2019 18:47	2.73	2.83
17/07/2019 19:17	3.13	2.71
17/07/2019 19:47	4.28	3.05
17/07/2019 20:17	3.98	4.10
17/07/2019 20:47	5.86	2.90
17/07/2019 21:17	6.57	2.22
17/07/2019 21:47	6.37	1.73

**3. SC PETROTEL LUKOIL SA punct monitorizare Club Laguna -  
- Rezultate monitorizare in data de : 10.07.2019**

17.07.2019						
Data Ora	Benzen (ug/m3)	Toluen (ug/m3)	Etilbenzen (ug/m3)	Xileni (ug/m3)	SO2 (ug/m3)	Pulberi (ug/m3)
2019-07-17 00:00:00	1.22	3.15	0.78	0.68	4.28	10.82
2019-07-17 01:00:00	1.15	2.53	0.43	0.52	1.43	10.82
2019-07-17 02:00:00	0.64	1.81	0.28	0.38	3.15	10.82
2019-07-17 03:00:00	0.95	1.97	0.44	0.40	3.99	10.82
2019-07-17 04:00:00	0.89	2.04	0.40	0.45	2.66	10.82
2019-07-17 05:00:00	0.77	1.83	0.47	0.47	4.48	8.72
2019-07-17 06:00:00	0.65	1.99	0.63	0.56	5.42	8.52
2019-07-17 07:00:00	1.45	2.77	0.49	0.52	2.60	8.52
2019-07-17 08:00:00	0.90	3.61	0.98	0.81	2.00	8.52
2019-07-17 09:00:00	0.60	2.21	0.52	0.44	5.76	8.52
2019-07-17 10:00:00	0.25	4.02	1.25	0.90	12.34	8.52
2019-07-17 11:00:00	0.71	2.94	8.44	7.14	9.66	19.04
2019-07-17 12:00:00	1.36	2.62	1.37	1.31	4.14	19.78
2019-07-17 13:00:00	0.18	0.98	0.31	0.33	1.86	19.78
2019-07-17 14:00:00	0.10	1.07	2.86	2.26	3.96	19.78
2019-07-17 15:00:00	0.05	1.39	0.09	0.14	4.81	19.78
2019-07-17 16:00:00	0.06	1.21	1.38	1.13	5.62	19.78
2019-07-17 17:00:00	0.53	0.95	0.00	0.12	5.05	16.18
2019-07-17 18:00:00	0.45	1.31	0.00	0.13	5.10	16.02
2019-07-17 19:00:00	0.20	1.23	0.00	0.05	4.98	16.02
2019-07-17 20:00:00	0.19	6.84	0.47	0.43	4.97	16.02
2019-07-17 21:00:00	0.85	5.92	2.58	2.29	4.81	16.03
2019-07-17 22:00:00	2.75	7.43	2.29	1.75	5.09	16.03
2019-07-17 23:00:00	0.87	2.28	0.44	0.41	5.87	16.93

17.07.2019	
DataOra	H2S (µg /m3)
2019-07-17 00:00:00	1.08
2019-07-17 00:30:00	1.86
2019-07-17 01:00:00	2.55
2019-07-17 01:30:00	2.51
2019-07-17 02:00:00	2.67
2019-07-17 02:30:00	2.96
2019-07-17 03:00:00	3.00
2019-07-17 03:30:00	2.57
2019-07-17 04:00:00	2.26
2019-07-17 04:30:00	2.59
2019-07-17 05:00:00	2.80
2019-07-17 05:30:00	3.46
2019-07-17 06:00:00	3.43
2019-07-17 06:30:00	3.26
2019-07-17 07:00:00	3.04
2019-07-17 07:30:00	2.22
2019-07-17 08:00:00	2.54
2019-07-17 08:30:00	2.60
2019-07-17 09:00:00	3.32
2019-07-17 09:30:00	3.08
2019-07-17 10:00:00	3.64
2019-07-17 10:30:00	4.00
2019-07-17 11:00:00	3.85
2019-07-17 11:30:00	2.27
2019-07-17 12:00:00	1.57
2019-07-17 12:30:00	2.28
2019-07-17 13:00:00	2.05
2019-07-17 13:30:00	2.22
2019-07-17 14:00:00	2.51
2019-07-17 14:30:00	2.05
2019-07-17 15:00:00	1.59
2019-07-17 15:30:00	2.01
2019-07-17 16:00:00	1.75
2019-07-17 16:30:00	1.77
2019-07-17 17:00:00	2.36
2019-07-17 17:30:00	2.34
2019-07-17 18:30:00	2.17
2019-07-17 19:00:00	2.10
2019-07-17 19:30:00	2.12
2019-07-17 20:00:00	2.25
2019-07-17 20:30:00	2.57
2019-07-17 21:00:00	2.22
2019-07-17 21:30:00	1.78
2019-07-17 22:00:00	1.17
2019-07-17 22:30:00	1.86
2019-07-17 23:00:00	2.53
2019-07-17 23:30:00	3.44
2019-07-17 00:00:00	1.08

**4. SC ROMPETROL RAFINARE SA –Punct de lucru Rafinaria Vega Ploiesti  
(punct monitorizare Poarta 2 a Rafinariei Vega) monitorizare: 17.07.2019**

17.07.2019			
Ora		SO2 (µg /m3)	H2S (µg /m3)
00:00	00:30	9.28	2.74
00:30	01:00	9.38	1.93
01:00	01:30	9.17	2.16
01:30	02:00	9.51	2.28
02:00	02:30	9.16	2.26
02:30	03:00	9.32	2.75
03:00	03:30	9.17	2.95
03:30	04:00	9.23	2.91
04:00	04:30	9.13	2.45
04:30	05:00	9.32	2.60
05:00	05:30	9.33	2.51
05:30	06:00	9.16	2.54
06:00	06:30	9.23	2.93
06:30	07:00	9.04	3.08
07:00	07:30	9.16	1.79
07:30	08:00	9.10	1.69
08:00	08:30	9.30	<1,4
08:30	09:00	9.13	<1,4
09:00	09:30	9.36	1.60
09:30	10:00	9.71	1.53
10:00	10:30	9.84	<1,4
10:30	11:00	10.01	<1,4
11:00	11:30	9.67	<1,4
11:30	12:00	9.64	<1,4
12:00	12:30	9.84	<1,4
12:30	13:00	9.63	<1,4
13:00	13:30	9.68	<1,4
13:30	14:00	9.79	<1,4
14:00	14:30	9.52	<1,4
14:30	15:00	9.47	<1,4
15:00	15:30	9.62	<1,4
15:30	16:00	9.82	<1,4
16:00	16:30	9.70	<1,4
16:30	17:00	9.57	<1,4
17:00	17:30	9.48	<1,4
17:30	18:00	9.46	<1,4
18:00	18:30	9.67	<1,4
18:30	19:00	9.80	<1,4
19:00	19:30	9.88	<1,4
19:30	20:00	9.46	<1,4
20:00	20:30	9.52	1.86
20:30	21:00	9.34	<1,4
21:00	21:30	9.51	1.55
21:30	22:00	9.53	2.00
22:00	22:30	10.01	2.75
22:30	23:00	9.77	1.74
23:00	23:30	10.31	1.87
23:30	00:00	10.13	1.75

**Monitorizare -Poarta 1 a Rafinarii Vega in perioada 17.07.2019**

<b>17.07.2019</b>	
<b>DataOra</b>	<b>H2S (<math>\mu\text{g} / \text{m}^3</math>)</b>
2019-07-17 00:30	3.81
2019-07-17 01:00	3.41
2019-07-17 01:30	3.41
2019-07-17 02:00	3.51
2019-07-17 02:30	3.42
2019-07-17 03:00	3.70
2019-07-17 03:30	4.02
2019-07-17 04:00	3.83
2019-07-17 04:30	6.51
2019-07-17 05:00	3.89
2019-07-17 05:30	3.60
2019-07-17 06:00	3.54
2019-07-17 06:30	3.80
2019-07-17 07:00	4.40
2019-07-17 07:30	4.13
2019-07-17 08:00	3.64
2019-07-17 08:30	3.30
2019-07-17 09:00	3.15
2019-07-17 09:30	3.39
2019-07-17 10:00	3.32
2019-07-17 10:30	2.93
2019-07-17 11:00	2.77
2019-07-17 11:30	2.88
2019-07-17 12:00	2.77
2019-07-17 12:30	2.68
2019-07-17 13:00	2.62
2019-07-17 13:30	2.78
2019-07-17 14:00	2.64
2019-07-17 14:30	2.81
2019-07-17 15:00	2.74
2019-07-17 15:30	2.83
2019-07-17 16:00	2.74
2019-07-17 16:30	2.82
2019-07-17 17:00	2.64
2019-07-17 17:30	2.55
2019-07-17 18:00	2.73
2019-07-17 18:30	2.79
2019-07-17 19:00	3.34
2019-07-17 19:30	2.54
2019-07-17 20:00	2.72
2019-07-17 20:30	3.34
2019-07-17 21:00	3.23
2019-07-17 21:30	3.42
2019-07-17 22:00	4.25
2019-07-17 22:30	4.81
2019-07-17 23:00	3.78
2019-07-17 23:30	3.49
2019-07-17 24:00	3.68