

**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 perioada : 02.07.2019-03.07.2019**

02.07.2019		03.07.2019	
Data Ora	Pulberi, µg/m3	Data Ora	Pulberi, µg/m3
2019-07-02 00:00:00	22.92	2019-07-03 00:00:00	37.61
2019-07-02 01:00:00	22.92	2019-07-03 01:00:00	37.61
2019-07-02 02:00:00	22.92	2019-07-03 02:00:00	37.61
2019-07-02 03:00:00	22.92	2019-07-03 03:00:00	37.61
2019-07-02 04:00:00	21.30	2019-07-03 04:00:00	33.28
2019-07-02 05:00:00	17.81	2019-07-03 05:00:00	26.30
2019-07-02 06:00:00	17.81	2019-07-03 06:00:00	26.30
2019-07-02 07:00:00	17.81	2019-07-03 07:00:00	26.30
2019-07-02 08:00:00	17.81	2019-07-03 08:00:00	26.30
2019-07-02 09:00:00	17.81	2019-07-03 09:00:00	26.29
2019-07-02 10:00:00	23.36	2019-07-03 10:00:00	25.97
2019-07-02 11:00:00	33.68	2019-07-03 11:00:00	25.49
2019-07-02 12:00:00	33.68	2019-07-03 12:00:00	25.49
2019-07-02 13:00:00	33.68	2019-07-03 13:00:00	25.49
2019-07-02 14:00:00	33.68	2019-07-03 14:00:00	25.49
2019-07-02 15:00:00	33.68	2019-07-03 15:00:00	25.49
2019-07-02 16:00:00	36.28	2019-07-03 16:00:00	30.20
2019-07-02 17:00:00	41.11	2019-07-03 17:00:00	36.81
2019-07-02 18:00:00	41.11	2019-07-03 18:00:00	36.80
2019-07-02 19:00:00	41.10	2019-07-03 19:00:00	36.81
2019-07-02 20:00:00	41.10	2019-07-03 20:00:00	36.80
2019-07-02 21:00:00	41.11	2019-07-03 21:00:00	36.80
2019-07-02 22:00:00	39.82	2019-07-03 22:00:00	30.46
2019-07-02 23:00:00	37.61	2019-07-03 23:00:00	22.15



**2. SC Saint Gobain Construction Products Romania SRL- Punct de lucru Isover Ploiesti (punct monitorizare – limita amplasamentului zona cartier Mihai Bravu) – Rezultate monitorizare in perioada :02.07.2019-03.07.2019**

02.07.2019			03.07.2019		
DateTime	NH3 ( $\mu\text{g}/\text{m}^3$ )	HCHO ( $\mu\text{g}/\text{m}^3$ )	DateTime	NH3 ( $\mu\text{g}/\text{m}^3$ )	HCHO ( $\mu\text{g}/\text{m}^3$ )
02/07/2019 00:17	5.28	7.58	03/07/2019 00:17	9.10	4.54
02/07/2019 00:47	8.66	5.23	03/07/2019 00:47	9.48	9.80
02/07/2019 01:17	8.59	5.51	03/07/2019 01:17	8.12	7.14
02/07/2019 01:47	4.66	5.59	03/07/2019 01:47	4.71	8.57
02/07/2019 02:17	6.38	5.15	03/07/2019 02:17	7.54	4.43
02/07/2019 02:47	8.15	4.51	03/07/2019 02:47	10.56	4.02
02/07/2019 03:17	7.95	5.04	03/07/2019 03:17	8.44	3.37
02/07/2019 03:47	7.26	4.41	03/07/2019 03:47	5.50	4.49
02/07/2019 04:17	6.84	4.80	03/07/2019 04:17	6.72	4.31
02/07/2019 04:47	6.04	4.37	03/07/2019 04:47	7.99	4.35
02/07/2019 05:17	5.58	4.21	03/07/2019 05:17	8.59	4.37
02/07/2019 05:47	5.18	4.34	03/07/2019 05:47	7.96	3.89
02/07/2019 06:17	2.30	3.48	03/07/2019 06:17	3.97	4.11
02/07/2019 06:47	1.88	3.82	03/07/2019 06:47	3.52	4.93
02/07/2019 07:17	1.92	3.65	03/07/2019 07:17	2.88	6.40
02/07/2019 07:47	1.52	4.77	03/07/2019 07:47	3.08	6.46
02/07/2019 08:17	1.35	5.94	03/07/2019 08:17	3.10	8.27
02/07/2019 08:47	1.26	8.88	03/07/2019 08:47	3.47	8.12
02/07/2019 09:17	1.13	10.90	03/07/2019 09:17	3.31	10.46
02/07/2019 09:47	1.21	7.98	03/07/2019 09:47	3.72	8.79
02/07/2019 10:17	1.19	7.03	03/07/2019 10:17	3.26	8.10
02/07/2019 10:47	1.50	10.96	03/07/2019 10:47	3.02	8.24
02/07/2019 11:17	1.80	7.72	03/07/2019 11:17	2.60	8.53
02/07/2019 11:47	1.78	8.43	03/07/2019 11:47	2.52	9.60
02/07/2019 12:17	1.87	8.31	03/07/2019 12:17	2.50	9.98
02/07/2019 12:47	1.76	8.04	03/07/2019 12:47	2.33	10.52
02/07/2019 13:17	1.73	10.99	03/07/2019 13:17	2.29	10.27
02/07/2019 13:47	1.94	9.79	03/07/2019 13:47	2.23	10.34
02/07/2019 14:17	1.91	10.99	03/07/2019 14:17	2.43	10.37
02/07/2019 14:47	2.43	11.00	03/07/2019 14:47	2.65	10.36
02/07/2019 15:17	4.20	5.80	03/07/2019 15:17	3.26	10.14
02/07/2019 15:47	6.71	6.26	03/07/2019 15:47	5.92	5.70
02/07/2019 16:17	8.18	5.98	03/07/2019 16:17	4.50	5.45
02/07/2019 16:47	10.77	4.94	03/07/2019 16:47	6.79	4.94
02/07/2019 17:17	10.83	10.98	03/07/2019 17:17	5.01	4.32
02/07/2019 17:47	10.84	8.20	03/07/2019 17:47	3.38	4.77
02/07/2019 18:17	10.27	9.14	03/07/2019 18:17	4.65	4.16
02/07/2019 18:47	9.99	11.00	03/07/2019 18:47	3.08	4.31
02/07/2019 19:17	9.48	10.79	03/07/2019 19:17	2.98	4.40
02/07/2019 19:47	8.09	10.97	03/07/2019 19:47	3.01	4.84
02/07/2019 20:17	7.05	11.00	03/07/2019 20:17	2.08	3.52
02/07/2019 20:47	6.11	8.94	03/07/2019 20:47	3.81	3.88
02/07/2019 21:17	6.28	10.01	03/07/2019 21:17	5.95	4.01
02/07/2019 21:47	6.29	10.11	03/07/2019 21:47	2.70	5.82
02/07/2019 22:17	6.15	9.87	03/07/2019 22:17	3.60	5.06
02/07/2019 22:47	10.14	5.20	03/07/2019 22:47	5.06	4.14
02/07/2019 23:17	9.22	4.79			
02/07/2019 23:47	8.11	5.92			



**3. SC PETROTEL LUKOIL SA punct monitorizare Club Laguna -**  
**- Rezultate monitorizare in data de : 02.07.2019-03.07.2019**

02.07.2019						
Data Ora	Benzen (ug/m3)	Toluen (ug/m3)	Etilbenzen (ug/m3)	Xileni (ug/m3)	SO2 (ug/m3)	Pulberi (ug/m3)
2019-07-02 00:00:00	22.38	4.97	0.98	1.02	1.53	23.24
2019-07-02 01:00:00	1.76	3.53	0.60	0.66	2.18	11.08
2019-07-02 02:00:00	1.36	2.73	0.48	0.48	2.07	12.09
2019-07-02 03:00:00	0.82	1.96	0.83	0.46	2.71	16.73
2019-07-02 04:00:00	0.85	2.04	0.90	0.44	2.25	12.15
2019-07-02 05:00:00	0.83	2.22	1.85	0.71	1.45	19.16
2019-07-02 06:00:00	0.98	2.28	1.76	0.68	1.60	24.31
2019-07-02 07:00:00	1.87	3.85	1.19	0.88	1.58	28.75
2019-07-02 08:00:00	1.89	4.13	1.79	1.37	0.50	28.33
2019-07-02 09:00:00	0.97	2.56	0.70	0.65	4.80	33.16
2019-07-02 10:00:00	0.82	3.85	0.74	0.65	41.54	37.28
2019-07-02 11:00:00	0.81	3.03	0.67	0.52	10.29	32.56
2019-07-02 12:00:00	14.75	11.26	1.91	1.46	11.05	37.08
2019-07-02 13:00:00	10.14	5.71	0.74	0.61	8.52	16.74
2019-07-02 14:00:00	4.15	3.99	1.61	1.36	4.80	42.39
2019-07-02 15:00:00	0.64	1.96	3.22	2.73	4.57	36.59
2019-07-02 16:00:00	0.17	2.18	0.05	0.15	4.94	34.70
2019-07-02 17:00:00	0.14	1.76	0.00	0.11	4.44	42.23
2019-07-02 18:00:00	0.16	1.84	0.00	0.08	8.22	34.39
2019-07-02 19:00:00	0.20	2.22	0.00	0.12	6.53	34.60
2019-07-02 20:00:00	1.09	2.17	0.31	0.31	6.49	35.80
2019-07-02 21:00:00	1.70	3.52	0.91	0.84	4.87	50.54
2019-07-02 22:00:00	10.39	6.32	1.66	1.64	2.06	44.32
2019-07-02 23:00:00	2.08	3.81	1.13	1.04	1.23	35.13



03.07.2019

Data Ora	Benzen (ug/m3)	Toluen (ug/m3)	Etilbenzen (ug/m3)	Xileni (ug/m3)	SO2 (ug/m3)	Pulberi (ug/m3)
2019-07-03 00:00:00	1.62	4.01	0.60	0.67	0.28	25.83
2019-07-03 01:00:00	1.68	3.73	0.60	0.71	1.50	26.73
2019-07-03 02:00:00	1.27	3.78	0.61	0.72	1.54	31.59
2019-07-03 03:00:00	0.84	2.91	1.06	0.94	0.04	20.91
2019-07-03 04:00:00	1.43	2.87	0.31	0.51	0.33	7.88
2019-07-03 05:00:00	1.36	2.97	0.57	0.68	0.03	17.47
2019-07-03 06:00:00	0.62	2.02	0.80	0.74	0.61	5.59
2019-07-03 07:00:00	1.04	3.04	1.93	1.49	0.95	22.89
2019-07-03 08:00:00	1.64	8.03	15.10	10.31	2.03	3.44
2019-07-03 09:00:00	0.69	1.92	0.83	0.72	4.45	28.94
2019-07-03 10:00:00	0.42	3.07	0.34	0.47	6.68	22.75
2019-07-03 11:00:00	0.09	1.23	0.00	0.07	1.96	8.50
2019-07-03 12:00:00	0.12	1.52	0.30	0.32	2.25	40.26
2019-07-03 13:00:00	0.09	1.24	0.35	0.35	3.68	20.18
2019-07-03 14:00:00	0.24	2.47	0.39	0.46	4.81	49.30
2019-07-03 15:00:00	0.15	1.16	0.18	0.23	4.91	22.13
2019-07-03 16:00:00	0.08	0.77	0.06	0.08	1.79	34.72
2019-07-03 17:00:00	0.67	2.19	1.36	1.26	2.91	46.57
2019-07-03 18:00:00	0.24	2.56	1.29	1.20	2.89	13.63
2019-07-03 19:00:00	0.80	2.87	0.77	0.79	1.49	13.47
2019-07-03 20:00:00	0.46	1.55	0.34	0.42	0.21	29.24
2019-07-03 21:00:00	0.47	2.24	0.30	0.40	1.17	11.85
2019-07-03 22:00:00	1.20	4.86	0.93	1.08	3.69	10.93
2019-07-03 23:00:00	0.53	1.88	0.21	0.34	2.91	22.02



02.07.2019		03.07.2019	
Data Ora	H2S (µg /m3)	Data Ora	H2S (µg/m3)
2019-07-02 00:00:00	1.27	2019-07-03 00:00:00	1.59
2019-07-02 00:30:00	3.27	2019-07-03 00:30:00	1.62
2019-07-02 01:00:00	3.15	2019-07-03 01:00:00	1.39
2019-07-02 01:30:00	3.16	2019-07-03 01:30:00	0.80
2019-07-02 02:00:00	3.35	2019-07-03 02:00:00	1.03
2019-07-02 02:30:00	3.19	2019-07-03 02:30:00	1.89
2019-07-02 03:00:00	1.90	2019-07-03 03:00:00	1.94
2019-07-02 03:30:00	1.08	2019-07-03 03:30:00	1.51
2019-07-02 04:00:00	1.23	2019-07-03 04:00:00	0.00
2019-07-02 04:30:00	2.10	2019-07-03 04:30:00	0.00
2019-07-02 05:00:00	1.49	2019-07-03 05:00:00	0.01
2019-07-02 05:30:00	0.81	2019-07-03 05:30:00	0.17
2019-07-02 06:00:00	1.55	2019-07-03 06:00:00	0.02
2019-07-02 06:30:00	1.35	2019-07-03 06:30:00	0.00
2019-07-02 07:00:00	0.47	2019-07-03 07:00:00	0.00
2019-07-02 07:30:00	0.51	2019-07-03 07:30:00	0.00
2019-07-02 08:00:00	0.40	2019-07-03 08:00:00	0.12
2019-07-02 08:30:00	1.21	2019-07-03 08:30:00	1.79
2019-07-02 09:00:00	1.03	2019-07-03 09:00:00	2.81
2019-07-02 09:30:00	0.26	2019-07-03 09:30:00	2.29
2019-07-02 10:00:00	2.11	2019-07-03 10:00:00	2.80
2019-07-02 10:30:00	2.59	2019-07-03 10:30:00	2.50
2019-07-02 11:00:00	1.75	2019-07-03 11:00:00	2.55
2019-07-02 11:30:00	1.16	2019-07-03 11:30:00	2.24
2019-07-02 12:00:00	1.73	2019-07-03 12:00:00	2.33
2019-07-02 12:30:00	3.07	2019-07-03 12:30:00	2.28
2019-07-02 13:00:00	2.05	2019-07-03 13:00:00	2.18
2019-07-02 13:30:00	2.57	2019-07-03 13:30:00	1.95
2019-07-02 14:00:00	0.99	2019-07-03 14:00:00	2.44
2019-07-02 14:30:00	0.01	2019-07-03 14:30:00	1.53
2019-07-02 15:00:00	0.66	2019-07-03 15:00:00	1.44
2019-07-02 15:30:00	0.98	2019-07-03 15:30:00	2.22
2019-07-02 16:00:00	1.19	2019-07-03 16:00:00	2.49
2019-07-02 16:30:00	2.04	2019-07-03 16:30:00	2.18
2019-07-02 17:00:00	2.07	2019-07-03 17:00:00	5.93
2019-07-02 17:30:00	0.38	2019-07-03 17:30:00	2.73
2019-07-02 18:00:00	0.56	2019-07-03 18:00:00	1.33
2019-07-02 18:30:00	0.43	2019-07-03 18:30:00	4.75
2019-07-02 19:00:00	0.57	2019-07-03 19:00:00	2.43
2019-07-02 19:30:00	1.91	2019-07-03 19:30:00	1.38
2019-07-02 20:00:00	2.82	2019-07-03 20:00:00	0.35
2019-07-02 20:30:00	0.96	2019-07-03 20:30:00	0.00
2019-07-02 21:00:00	1.41	2019-07-03 21:00:00	0.07
2019-07-02 21:30:00	2.97	2019-07-03 21:30:00	0.23
2019-07-02 22:00:00	3.72	2019-07-03 22:00:00	2.66
2019-07-02 22:30:00	3.85	2019-07-03 22:30:00	8.78
2019-07-02 23:00:00	3.83	2019-07-03 23:00:00	0.94
2019-07-02 23:30:00	2.81	2019-07-03 23:30:00	1.12



**4. SC ROMPETROL RAFINARE SA –Punct de lucru Rafinaria Vega Ploiesti**  
 (punct monitorizare Poarta 2 a Rafinariei Vega) monitorizare: 02.07.2019-03.07.2019

02.07.2019				03.07.2019			
Ora		SO2 (µg /m3)	H2S (µg /m3)	Ora		SO2 (µg /m3)	H2S (µg /m3)
00:00	00:30	9.13	3.62	00:00	00:30	8.24	2.37
00:30	01:00	8.88	3.38	00:30	01:00	7.92	2.70
01:00	01:30	9.25	3.67	01:00	01:30	7.64	2.38
01:30	02:00	9.15	3.69	01:30	02:00	7.82	2.18
02:00	02:30	8.78	3.74	02:00	02:30	7.47	2.42
02:30	03:00	9.06	3.39	02:30	03:00	7.71	3.65
03:00	03:30	9.03	3.15	03:00	03:30	7.70	3.22
03:30	04:00	9.01	3.79	03:30	04:00	7.69	3.70
04:00	04:30	8.78	3.75	04:00	04:30	7.38	2.31
04:30	05:00	9.10	3.07	04:30	05:00	7.59	2.89
05:00	05:30	9.15	4.01	05:00	05:30	7.70	2.25
05:30	06:00	8.85	2.87	05:30	06:00	7.60	2.14
06:00	06:30	8.89	3.68	06:00	06:30	7.47	2.40
06:30	07:00	8.77	3.43	06:30	07:00	8.05	2.20
07:00	07:30	8.73	4.28	07:00	07:30	7.51	2.33
07:30	08:00	8.88	3.42	07:30	08:00	7.49	2.11
08:00	08:30	8.62	3.69	08:00	08:30	7.70	2.05
08:30	09:00	8.82	2.95	08:30	09:00	7.88	2.04
09:00	09:30	9.10	3.12	09:00	09:30	8.36	2.47
09:30	10:00	9.69	3.12	09:30	10:00	8.36	1.92
10:00	10:30	10.03	2.94	10:00	10:30	9.20	2.29
10:30	11:00	33.23	8.53	10:30	11:00	15.46	3.82
11:00	11:30	59.84	7.92	11:00	11:30	16.09	4.48
11:30	12:00	31.27	4.29	11:30	12:00	14.95	2.97
12:00	12:30	24.84	4.11	12:00	12:30	14.35	2.42
12:30	13:00	23.57	4.04	12:30	13:00	13.99	3.20
13:00	13:30	16.92	3.06	13:00	13:30	14.23	3.47
13:30	14:00	12.91	2.59	13:30	14:00	18.93	2.61
14:00	14:30	12.29	2.52	14:00	14:30	10.52	1.74
14:30	15:00	11.44	1.46	14:30	15:00	9.72	<1,4
15:00	15:30	9.30	<1,4	15:00	15:30	8.70	1.58
15:30	16:00	9.18	1.43	15:30	16:00	7.63	<1,4
16:00	16:30	9.31	1.42	16:00	16:30	7.68	<1,4
16:30	17:00	10.03	1.77	16:30	17:00	7.67	<1,4
17:00	17:30	10.64	2.43	17:00	17:30	8.18	2.07
17:30	18:00	11.66	2.55	17:30	18:00	8.09	4.52
18:00	18:30	14.31	2.64	18:00	18:30	8.16	4.83
18:30	19:00	13.13	2.40	18:30	19:00	8.03	3.64
19:00	19:30	11.46	2.09	19:00	19:30	8.02	2.88
19:30	20:00	9.39	1.59	19:30	20:00	8.03	2.76
20:00	20:30	8.41	<1,4	20:00	20:30	7.87	2.50
20:30	21:00	7.51	<1,4	20:30	21:00	8.10	2.53
21:00	21:30	7.58	1.87	21:00	21:30	7.90	2.45
21:30	22:00	8.15	2.77	21:30	22:00	7.92	2.94
22:00	22:30	8.22	3.13	22:00	22:30	8.02	3.01
22:30	23:00	8.40	3.58	22:30	23:00	8.01	2.47
23:00	23:30	8.64	3.31	23:00	23:30	8.08	2.38
23:30	00:00	8.23	2.26	23:30	00:00	7.97	2.37



Monitorizare -Poarta 1 a Rafinarii Vega - monitorizare:02.07.2019 -03.07.2019

02.07.2019		03.07.2019	
DataOra	H2S (µg /m3)	DataOra	H2S (µg /m3)
2019-07-02 00:30	5.62	2019-07-03 00:30	4.01
2019-07-02 01:00	4.82	2019-07-03 01:00	5.34
2019-07-02 01:30	4.99	2019-07-03 01:30	10.76
2019-07-02 02:00	5.56	2019-07-03 02:00	13.51
2019-07-02 02:30	4.76	2019-07-03 02:30	5.04
2019-07-02 03:00	4.48	2019-07-03 03:00	10.89
2019-07-02 03:30	4.38	2019-07-03 03:30	6.36
2019-07-02 04:00	4.72	2019-07-03 04:00	5.63
2019-07-02 04:30	4.60	2019-07-03 04:30	4.09
2019-07-02 05:00	4.22	2019-07-03 05:00	4.94
2019-07-02 05:30	6.65	2019-07-03 05:30	6.94
2019-07-02 06:00	4.02	2019-07-03 06:00	8.27
2019-07-02 06:30	4.21	2019-07-03 06:30	7.36
2019-07-02 07:00	4.53	2019-07-03 07:00	5.83
2019-07-02 07:30	5.18	2019-07-03 07:30	5.62
2019-07-02 08:00	5.11	2019-07-03 08:00	4.88
2019-07-02 08:30	5.07	2019-07-03 08:30	3.77
2019-07-02 09:00	4.98	2019-07-03 09:00	3.92
2019-07-02 09:30	4.12	2019-07-03 09:30	4.68
2019-07-02 10:00	3.90	2019-07-03 10:00	3.87
2019-07-02 10:30	4.15	2019-07-03 10:30	4.38
2019-07-02 11:00	6.99	2019-07-03 11:00	3.63
2019-07-02 11:30	4.99	2019-07-03 11:30	3.87
2019-07-02 12:00	4.09	2019-07-03 12:00	3.44
2019-07-02 12:30	4.07	2019-07-03 12:30	3.43
2019-07-02 13:00	3.78	2019-07-03 13:00	3.50
2019-07-02 13:30	3.55	2019-07-03 13:30	3.50
2019-07-02 14:00	3.44	2019-07-03 14:00	4.39
2019-07-02 14:30	3.48	2019-07-03 14:30	3.61
2019-07-02 15:00	3.62	2019-07-03 15:00	3.40
2019-07-02 15:30	3.56	2019-07-03 15:30	3.27
2019-07-02 16:00	3.34	2019-07-03 16:00	3.94
2019-07-02 16:30	3.59	2019-07-03 16:30	4.55
2019-07-02 17:00	3.47	2019-07-03 17:00	7.25
2019-07-02 17:30	3.39	2019-07-03 17:30	5.37
2019-07-02 18:00	3.49	2019-07-03 18:00	15.05
2019-07-02 18:30	3.53	2019-07-03 18:30	11.93
2019-07-02 19:00	3.55	2019-07-03 19:00	8.18
2019-07-02 19:30	3.54	2019-07-03 19:30	4.52
2019-07-02 20:00	3.57	2019-07-03 20:00	4.71
2019-07-02 20:30	3.98	2019-07-03 20:30	4.36
2019-07-02 21:00	4.75	2019-07-03 21:00	3.72
2019-07-02 21:30	3.84	2019-07-03 21:30	3.49
2019-07-02 22:00	4.37	2019-07-03 22:00	5.44
2019-07-02 22:30	5.57	2019-07-03 22:30	5.33
2019-07-02 23:00	5.82	2019-07-03 23:00	3.65
2019-07-02 23:30	4.49	2019-07-03 23:30	4.84
2019-07-02 24:00	3.76	2019-07-03 24:00	5.64