

Luik (M600)

1-1-2010 up to 31-12-2010

sample point code	LUI
-------------------	-----

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max		
General compounds		010																				
0112	Water discharge	m3/s	351	510	401	278	120	83,7	57,3	116	107	103	389	353	364	45	60	148	236	490	1700	
0120	Water temperature	°C	5,78	5,75	8,74	13	16	20,7	24,2	20,9	18,4	15,5	11,2	4,76	52	3,4	4,71	14,1	13,7	22,4	26,5	
0122	Oxygen	mg/l	13,1	12,7	11,4	10	7,45	5,56	4,73	6,4	7,26	7,55	9,23	12,3	52	4	5,43	8,35	8,98	13,2	13,9	
0123	Oxygen saturation	%	104	100	96,2	90,2	69	51,2	42	59	67,6	69,3	81	95,1	52	34	49,5	76	77,1	104	108	
0128	Suspended matter	mg/l	4	7	30	5	10,5	4,5	5,67	<	6,5	7,5	6,5	19	25	<	<	6	9,88	29	35	
0180	pH	pH	8,18	8,2	8,19	8,17	8,15	7,9	7,72	7,84	7,84	7,91	8,06	8,24	51	7,7	7,75	8,02	8,04	8,29	8,44	
0200	Conductivity (at 20 °C)	mS/m	32	48,8	49,2	45,3	41,8	54,4	62,4	71,8	63,5	55,8	52,7	49	52	<	40,2	53,2	53,7	68,9	75,7	
0251	Total hardness, 0.45 µm filtrate	mmol/l	1,84	1,89	2,04	1,67	2,12	2,23	2,3	1,99	1,85	1,94	1,76	1,97	26	1,18	1,61	2,03	1,97	2,34	2,35	
0252	temperal hardness	mmol/l	3,01	3,21	3,03	2,78	3,36	3,39	3,12	2,85	2,52	2,59	2,56	2,77	51	1,65	2,48	2,97	2,92	3,48	3,59	
Inorganic compounds		030																				
0222	Bicarbonate	mg/l	184	196	185	170	205	207	190	174	154	158	156	169	51	101	151	181	178	213	219	
0230	Chloride	mg/l	30,5	32,8	24,6	25	40,3	51,8	72,3	59,3	50,6	41,5	39,8	36,4	52	14	22	39	42	73,8	93	
0230L	Chloride (load)	kg/s	9,29	11,9	9,88	5,75	4,89	4,3	4,56	6,98	5,72	4,09	7,62	11,7	51	2,65	3,13	5,65	7,18	14,6	18,2	
0232	Sulfate	mg/l	31	30,8	29,6	30,5	42	51,4	72	59,3	46,8	44,3	39,8	31,8	52	21	25,3	40	42,2	67,7	74	
0288	Silicate	mg/l	3,76	3,43	2,6	1,88	1,67	2,6	2,9	3,4	3,56	2,53	3,2	3,96	13	1,67	1,75	3,2	3,02	3,93	3,96	
0381	Bromide	µg/l	55,7	32	33,5	32	75,5	87,7	189	134	63	43	46,5	41,5	25	22	23	52	70,6	181	190	
0382	Fluoride	mg/l	0,213	0,24	0,186	0,21	0,393	0,61	0,845	0,735	0,626	0,673	0,568	0,262	52	0,15	0,163	0,315	0,46	0,968	1,19	
0386	Cyanide, total	µg/l	15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
Nutrients		040																				
0271	Ammonium (NH4)	mg/l	0,283	0,327	0,184	0,275	0,428	0,528	0,657	0,437	0,433	0,69	0,438	0,344	47	0,1	0,176	0,37	0,408	0,634	1,04	
0281	Nitrite-NO2	mg/l	0,0667	0,07	0,06	0,065	0,145	0,253	0,26	0,225	0,18	0,12	0,09	0,105	26	0,05	0,05	0,12	0,138	0,283	0,29	
0283	Nitrate-NO3	mg/l	17,2	16,6	15,3	13,9	13,9	13,6	10,5	11,4	12,3	12,4	14,2	16,1	52	10,1	11,1	13,8	14	17,4	18,4	
0284D	Orthophosphate (PO4)	mg/l	0,315	0,331	0,247	0,194	0,385	0,602	0,862	1,03	0,626	0,453	0,325	0,399	52	0,152	0,2	0,404	0,48	0,888	1,8	
0286D	Total phosphate (PO4)	mg/l	0,767	<	<	<	<	<	0,885	0,958	1,01	0,937	<	<	26	<	<	<	<	1,19	1,53	
Group compounds		070																				
0401	Total organic carbon (TOC)	mg/l	4,55	4,2	3,82	3,73	3,47	4,46	4,4	5,98	6,16	10,1	7,38	4,48	51	2,8	3,32	4,6	5,22	6,76	25,8	
Summend compounds		080																				
0451	Trihalomethanes, total	µg/l	1,81			1,61					0,34	0,29			5	0,29	*	*	1,17	*	1,92	
2022	Tetra- and Trichloroethene (sum)	µg/l								1,7					1	*	*	*	*	*	*	
8671	Pesticides (total)	µg/l	0,119	0,139	0,174	0,18	0,147	0,135	0,225	0,203	0,227	0,26	0,166	0,127	48	0,027	0,0439	0,149	0,178	0,33	0,615	



Luik (M600)

1-1-2010 up to 31-12-2010

sample point code LUI

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max		
Biological compounds																						
	090																					
0627	Coliform bacteria, thermotolerant (44	n/ml	78,7	23,6	51,5	35	32,5	16,7	19	90,5	52,5	107	69	42	24	0,23	6,1	41,5	48,1	111	156	
0657	Enterococci	n/ml	20,2	9	8,85	5,2	1,53	1,41	0,315	6,75	5,25	4,07	5,54	10,9	26	0,07	0,349	7,05	6,91	14,3	34,8	
Hydrobiological compounds																						
	095																					
7100	Chlorophyll-a	µg/l	1,6	<	3,65	2,84	2,62	2,57	3,22	10	3,88	1,78	<		41	<	<	2,3	3,28	8,76	17,1	
7110	Phaeophytine	µg/l	0,1	0,617	1,55	1,22	2	1,03	0,92	1,58	1,28	0,73	0,6		41	<	0,2	0,7	1,15	2,6	4,7	
Metals																						
	050																					
0240	Sodium	mg/l	18	21	16,5	15	30,5	41	58	38	31,5	31	23,5	20	26	10	13	29	28,7	48,3	60	
0242	Potassium	mg/l	3,37	4,95	3,8	3,5	3,95	4,9	6,15	6,05	5,6	6,3	4,4	4,4	26	2,9	3,07	4,4	4,73	6,42	8,4	
0300	Iron	mg/l	0,93	1,58	0,19	0,21	0,26	0,17	0,04	0,19	0,27	0,33	0,34	0,32	14	0,04	0,08	0,265	0,424	1,43	1,58	
0304	Manganese	mg/l	0,0387	0,0705	0,027	0,0365	0,0395	0,052	0,0315	0,07	0,0545	0,045	0,055	0,0445	26	0,015	0,0275	0,0475	0,0469	0,0718	0,085	
0312	Antimony	µg/l	0,5	<	<	<	<	<		1,6	0,5	<	<	<	13	<	<	<	<	1,16	1,6	
0314	Arsenic	µg/l	1	<	1,25	<	<	1,4		2,1	1,5	1,1	<	<	13	<	<	1,1	<	1,86	2,1	
0316	Barium	µg/l	19,5	26	18	18	21			23	21	21	21	22	11	18	18	21	20,9	25,4	26	
0324	Cadmium	µg/l	0,1	0,14	0,18	<	<	<	0,61	0,115	0,14	0,155	0,155	0,14	24	<	<	0,13	0,139	0,24	0,61	
0326	Chromium	µg/l	2	2,07	3,7	<	<	<	<	3,2	<	<	2,8	2,15	24	<	<	<	<	4,25	5,4	
0328	Cobalt	µg/l	0,5					0,7	<	<	<	0,625	<	11	<	<	<	<	<	0,94	1	
0330	Copper	µg/l	5	<	<	<	<	<	7	<	<	<	<	<	22	<	<	<	<	5	7	
0332	Mercury	µg/l	0,06	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	
0334	Lead	µg/l	1	2	3,95	1,35	1,45	1,1	<	1,2	1,8	2,05	2,85	3,05	24	<	<	1,75	2,07	4,45	5,3	
0340	Nickel	µg/l	2	7	5,15	2,75	3,1	<	<	4,1	3,5	3,55	3,75	4,55	23	<	<	3,6	3,72	5,62	9,5	
0342	Selenium	µg/l	2	<	<	<	<	<		<	<	<	<	<	12	<	<	<	<	<	<	
0343	Strontium	µg/l						196	183	168	165	146	200	11	113	122	173	174	223	227		
0354	Zinc	µg/l	20	99,7	34	<	<	<	<	26	26	28,5	30,5	30,5	24	<	<	25	32,4	37	243	
0366		µg/l	7,5	<	<	<	<	<	<	<	<	<	<	<	14	<	<	<	<	7,8	8	
0375	Uranium	µg/l						0,6	0,6	0,4	0,4	0,35	0,4	11	0,3	0,32	0,4	0,445	0,6	0,6		
Metals, after filtration																						
	055																					
0245	Calcium, 0.45 µm filtrate	mg/l	64,3	65,5	71	57	72	75,3	75,5	66	62	66	60,5	67,5	26	40	56,1	70	67,1	76,9	81	
0248	Magnesium, 0.45 µm filtrate	mg/l	5,83	5,7	6	5,75	7,5	8,33	10,1	8,1	7,15	6,7	5,9	6,45	26	4,2	4,91	6,8	6,97	9,26	10,7	
0302	Iron, 0.45 µm filtrate	mg/l	0,01		<		<	<							2	*	*	*	*	*	*	
0308	Iron, 0.45 µm filtrate	µg/l	10		<		<	<							2	*	*	*	*	*	*	
0311	Aluminium, 0.45 µm filtrate	µg/l	13,3	15,5	12,5	24,5	13,5	23,7	13,5	25	23,5	14,5	14,5	18	26	4	9,5	15,5	17,7	29,3	30	



Luik (M600)

1-1-2010 up to 31-12-2010

sample point code	LUI
-------------------	-----

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max
Complex buiders	060																			
0424 Non-ionic Surfactants	mg/l	0,1					<			<				2	*	*	*	*	*	*
1793 Nitritotriacetic acid (NTA)	µg/l		5				23			14			16	4	5	*	*	14,5	*	23
1794 Ethylenediaminetetraacetic acid (ED)	µg/l	5	<				<			<			<	4	<	*	*	<	*	<
1794L Ethylenediaminetetraacetic acid (ED)	g/s						0,203			0,249			0,454	3	*	*	*	*	*	*
2003 Diethylenetriaminepentaacetic acid (µg/l	5	<				<			<			<	4	<	*	*	<	*	<
2097 Tetraacetyethylenediamine (TAED)	µg/l									0,08			0,26	2	*	*	*	*	*	*



Luik (M600)

1-1-2010 up to 31-12-2010

sample point code LUI

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Mono cyclic aromatic hydrocarb 170																					
1074	Benzene	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1075	Butylbenzene	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1080	1,2-Dimethylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1088	Ethylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1089	Ethylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1098	Methylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1106	Propylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1112	Chlorobenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1115	2-Chloromethylbenzene	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1119	1,2-Dichlorobenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1120	1,3-Dichlorobenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1121	1,4-Dichlorobenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1127	Pentachlorobenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
1128	1,2,3,4-Tetrachlorobenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
1130R	1,2,3,5- and 1,2,4,5-Tetrachlorobenz	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
1131	1,2,3-Trichlorobenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1132	1,2,4-Trichlorobenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1133	1,3,5-Trichlorobenzene	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1797	Isopropylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1832	1,3,5-Trimethylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1951	1,2,4-Trimethylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1959	4-Chloromethylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1960	1-Methyl-4-isopropylbenzene	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1983	1-Chloro-4-nitrobenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
1998	t-Butylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
2014	Bromobenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
2039	1,3- and 1,4-Dimethylbenzene	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
2064	s-Butylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
2121	1-Chloro-2,4-dinitrobenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
2124	1-Chloro-2-nitrobenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
2125	1-Chloro-3-nitrobenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<

maandag 15 juli 2013

■ MDL = Method Detection Limit ■ n = number of observations per year ■ min = minimum ■ p10 p50 p90 = percentiles ■ mea = mean ■ max = maximum ■ * = insufficient number of data for statistics (for explanation of pictograms: see last page of this report) ■ ! = data series completely or partly composed using data estimated by neural network.
 The values given in the tables under the different month columns can be both single values and average values, depending on the frequency with which measurements are taken. But to calculate the statistical key figures, the individual values measured are always used. These individual values are of course available from us on request.



Luik (M600)

1-1-2010 up to 31-12-2010

sample point code LUI

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max			
Poly cyclic aromatic hydrocarbo 180																							
1161	Acenaphthene	µg/l	0,025	<	<	<	<	0,0269	0,0292	0,0524	0,0397	0,0329	0,0336	0,037	<	13	<	<	0,0269	0,0257	0,0473	0,0524	
1162	Acenaphthylene	µg/l	0,025	<	<	<	<	0,0764	<	<	<	<	<	0,0469	<	13	<	<	<	<	0,0646	0,0764	
1163	Anthracene	µg/l	0,025	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1165	Benzo(a)anthracene	µg/l	0,025	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1166	Benzo(b)fluoranthene	µg/l	0,025	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1167	Benzo(k)fluoranthene	µg/l	0,025	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1168	Benzo(ghi)perylene	µg/l	0,025	<	0,0285	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	0,0285	
1169	Benzo(a)pyrene	µg/l	0,01	<	0,0162	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	0,0121	0,0162	
1172	Chrysene	µg/l	0,025	<	0,0258	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	0,0258	
1173	Dibenzo(a,h)anthracene	µg/l	0,025	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1180	Phenanthrene	µg/l	0,025	<	0,0366	<	<	0,0622	0,0364	0,0519	0,0422	0,0449	0,039	0,0326	<	13	<	<	0,0364	0,0329	0,0581	0,0622	
1181	Fluoranthene	µg/l	0,025	<	0,0611	<	<	<	0,0251	0,0342	0,0318	0,0398	0,0255	<	<	13	<	<	<	<	0,0526	0,0611	
1182	Fluorene	µg/l	0,025	<	<	<	<	0,0417	<	0,034	<	0,0252	0,0256	<	<	13	<	<	<	<	0,0386	0,0417	
1183	Indeno(1,2,3-cd)pyrene	µg/l	0,025	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1188	Pyrene	µg/l	0,025	<	0,0474	<	<	<	<	<	<	0,0344	<	<	<	13	<	<	<	<	0,0422	0,0474	
1965	1-Chloronaphthalene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	<	
2040	2-Chloronaphthalene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	<	
8023	Anthraquinone	µg/l	0,01	<	0,024	<	<	<	<	<	<	0,014	<	<	4	<	*	*	0,012	*	0,024	<	
8450	Naphthalene	µg/l	0,025	0,0628	0,0854	<	0,164	0,733	0,142	0,166	0,0834	0,244	0,462	0,209	0,118	13	<	<	0,142	0,196	0,624	0,733	
V137	2-amino-3-chloro-1,4-naphthoquinon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	<	



Luik (M600)

1-1-2010 up to 31-12-2010

sample point code LUI

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max
Organochlorine pesticides		200																		
8006 Aldrin	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8162 o,p-DDD	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8163 p,p-DDD	µg/l	0,02	<				<			<			<	4	<	*	*	<	*	<
8164 o,p-DDE	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8165 p,p-DDE	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8166 o,p-DDT	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8167 p,p-DDT	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8189 Dichlobenil	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8199 2,6-Dichlorobenzamide (BAM)	µg/l	0,04	<	<	<	<	<	<	<	<	<	<	<	52	<	<	<	<	<	<
8217 Dieldrin	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8263 alpha-Endosulfan	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8264 beta-Endosulfan	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8265 Endosulfansulfate	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8268 Endrin	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8358 Heptachlor	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8359 Heptachloroepoxide	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8361 Hexachlorobenzene (HCB)	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8362 alpha-Hexachlorocyclohexane (alpha)	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8363 beta-Hexachlorocyclohexane (beta)	µg/l	0,02	<				<			<			<	3	*	*	*	*	*	*
8379 Isodrin	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8393 Lindane (gamma-HCH)	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8428 Methoxychlor	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8533 Quintocene	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8556 Tecnazene	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8560 Telodrin	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8629 delta-Hexachlorocyclohexane (delta)	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8631 trans-Heptachlorepoxyde	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8640 cis-Chlordane	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<
8641 trans-Chlordane	µg/l	0,01	<				<			<			<	4	<	*	*	<	*	<

maandag 15 juli 2013

■ MDL = Method Detection Limit ■ n = number of observations per year ■ min = minimum ■ p10 p50 p90 = percentiles ■ mea = mean ■ max = maximum ■ * = insufficient number of data for statistics (for explanation of pictograms: see last page of this report) ■ ! = data series completely or partly composed using data estimated by neural network.
 The values given in the tables under the different month columns can be both single values and average values, depending on the frequency with which measurements are taken. But to calculate the statistical key figures, the individual values measured are always used. These individual values are of course available from us on request.



Luik (M600)

1-1-2010 up to 31-12-2010

sample point code	LUI
-------------------	-----

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max		
Organophosphorus and -sulphur p 210																						
8028	Azinphos-ethyl	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8029	Azinphos-methyl	µg/l	0,02	<			<			<			<	4	<	*	*	<	*	<		
8044	Bentazon	µg/l	0,03	<	<	<	<	0,056	<	<	<	<	<	13	<	<	<	<	0,0396	0,056		
8059	Bromophos-methyl	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8060	Bromophos-ethyl	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8108	Chlorfenvinphos	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8112	Chlorpyriphos-methyl	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8136	Coumaphos	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8185	Diazinon	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8188	Dicamba	µg/l	0,03	<	<	<	<	0,065	<	<	0,14	0,102	0,038	13	<	<	<	0,0383	0,125	0,14		
8238	Dimethoate	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8255	Disulfoton	µg/l	0,05				<			<			<	3	*	*	*	*	*	*		
8281	Ethoprophos	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8298	Fenitrothion	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8309	Fenthion	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8335	Fonofos	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8354	Glyphosate	µg/l	0,04	<	0,05	<	0,04	0,08	0,12	0,215	0,335	0,105	0,07	<	<	<	0,08	0,1	0,216	0,54		
8354L	Glyphosate (load)	g/s	0,00361		0,00859	0,012	0,00973	0,0101	0,0152	0,0253	0,00912	0,00814	0,00853	0,0101	22	0,00159	0,00398	0,0095	0,0113	0,0189	0,0416	
8360	Heptenophos	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8396	Malathion	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8423	Methidathion	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8439	Mevinphos	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8482	Parathion-ethyl	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8483	Parathion-methyl	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8501	Pirimiphos-methyl	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8566	Terbufos	µg/l	0,02	<			<			<			<	4	<	*	*	<	*	<		
8590	Tolclofos-methyl	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8600	Triazophos	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8632	Aminomethylphosphonic acid (AMP)	µg/l	0,165	0,21	0,155	0,22	0,565	0,95	1,54	1,07	0,705	0,64	0,755	0,17	23	0,13	0,138	0,49	0,612	1,37	1,72	
8632L	Aminomethylphosphonic acid (AMP)	g/s	0,0559		0,0487	0,0575	0,0672	0,0745	0,104	0,0778	0,061	0,0748	0,105	0,0565	22	0,029	0,0396	0,0675	0,0712	0,107	0,121	
8642	cis-Chlorfenvinphos	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8652	Chlorpyriphos	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
8702	Nicosulfuron	µg/l	0,04	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
8704	Sulcotrione	µg/l	0,05	<			<			<			<	4	<	*	*	<	*	<		

maandag 15 juli 2013

■ MDL = Method Detection Limit ■ n = number of observations per year ■ min = minimum ■ p10 p50 p90 = percentiles ■ mea = mean ■ max = maximum ■ * = insufficient number of data for statistics (for explanation of pictograms: see last page of this report) ■ ! = data series completely or partly composed using data estimated by neural network.
 The values given in the tables under the different month columns can be both single values and average values, depending on the frequency with which measurements are taken. But to calculate the statistical key figures, the individual values measured are always used. These individual values are of course available from us on request.



Luik (M600)

1-1-2010 up to 31-12-2010

sample point code LUI

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Organonitrogen pesticides		220																			
8057	Bromacil	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8127	Chloridazon	µg/l	0,03	<	<	<	0,034	<	<	<	<	<	<	<	<	<	<	<	<	<	0,061
8392	Lenacil	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
Carbamate herbicides		260																			
8003	Aldicarb	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8078	Carbetamide	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	0,054
8082	Carbofuran	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8425	Methomyl	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8499	Pirimicarb	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8626	Chlorpropham	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
Biocides		285																			
8079	Carbendazim	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	48	<	<	<	<	<	<
8169	Diethyltoluamide (DEET)	µg/l	0,05	<	<	<	<	<	0,07	<	<	<	<	<	13	<	<	<	<	0,052	0,07
8209	Dichlorvos	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
Benzimidazole Fungicides		470																			
8079	Carbendazim	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	48	<	<	<	<	<	<
Unclassified Fungicides		520																			
8590	Tolclofos-methyl	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
Chlorophenoxy herbicides		230																			
8150	2,4-Dichlorophenoxyacetic acid (2,4-	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8151	4-(2,4-Dichlorophenoxy)butanoic aci	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8204	2,4-Dichlorprop (2,4-DP)	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8330	Fluroxypyr	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8401	4-Chloro-2-methylphenoxyacetic aci	µg/l	0,03	<	<	<	<	<	0,046	<	<	<	<	<	13	<	<	<	<	0,0336	0,046
8402	4-(4-Chloro-2-methylphenoxy)butano	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8404	Mecoprop (MCP)	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8551	2,4,5-Trichlorophenoxyacetic acid (2,	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8593	2-(2,4,5-Trichlorophenoxy)propionic	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<



Luik (M600)

1-1-2010 up to 31-12-2010

sample point code LUI

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max
Phenylurea herbicides 240																				
8097	Chlorbromuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	50	<	<	<	<	<	<
8122	Chlortoluron	µg/l	0,03	<	<	<	<	<	<	<	<	0,0475	0,0332	52	<	<	<	<	0,0513	0,083
8229	Diflubenzuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	50	<	<	<	<	<	<
8233	Dimefuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	50	<	<	<	<	<	<
8258	Diuron	µg/l	0,04	<	<	<	<	<	0,0495	<	<	<	<	49	<	<	<	<	0,045	0,061
8382	Isoproturon	µg/l	0,03	<	<	<	0,0336	<	<	<	<	0,0335	<	52	<	<	<	<	0,0344	0,069
8394	Linuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	50	<	<	<	<	<	<
8418	Methabenzthiazuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	50	<	<	<	<	<	<
8434	Metobromuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	52	<	<	<	<	<	<
8436	Metoxuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	<	<
8446	Monolinuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	50	<	<	<	<	<	<
Dinitrophenol herbicides 250																				
8248	Dinoseb (2-sec.butyl-4,6-dinitrophen	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<
Phenoxy Herbicides 550																				
8150	2,4-Dichlorophenoxyacetic acid (2,4-	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8151	4-(2,4-Dichlorophenoxy)butanoic aci	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8204	2,4-Dichloroprop (2,4-DP)	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8401	4-Chloro-2-methylphenoxyacetic aci	µg/l	0,03	<	<	<	<	<	0,046	<	<	<	<	13	<	<	<	<	0,0336	0,046
8402	4-(4-Chloro-2-methylphenoxy)butano	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8404	Mecoprop (MCPP)	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
Amide Herbicides 560																				
8522	Propyzamide	µg/l	0,01	<	<	<	<	0,016	<	<	<	<	<	4	<	*	*	<	*	0,016
8682	Dimethenamid	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	52	<	<	<	<	<	<
Anilide Herbicides 570																				
8417	Metazachlor	µg/l	0,03	<	<	<	<	<	<	0,0336	0,0455	<	<	52	<	<	<	<	0,0318	0,088
Chloroacetanilide Herbicides 580																				
8002	Alachlor	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8513	Propachlor	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
(Bis-)Carbamate Herbicides 590																				
8078	Carbetamide	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	50	<	<	<	<	<	0,054
8626	Chlorpropham	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
Dinitroaniline Herbicides 600																				
8488	Pendimethalin	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
Sulfonylurea Herbicides 610																				
8702	Nicosulfuron	µg/l	0,04	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<

maandag 15 juli 2013

■ MDL = Method Detection Limit ■ n = number of observations per year ■ min = minimum ■ p10 p50 p90 = percentiles ■ mea = mean ■ max = maximum ■ * = insufficient number of data for statistics (for explanation of pictograms: see last page of this report) ■ ! = data series completely or partly composed using data estimated by neural network.
 The values given in the tables under the different month columns can be both single values and average values, depending on the frequency with which measurements are taken. But to calculate the statistical key figures, the individual values measured are always used. These individual values are of course available from us on request.



Luik (M600)

1-1-2010 up to 31-12-2010

sample point code LUI

		MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Urea Herbicides		620																				
8122	Chlortoluron	µg/l	0,03	<	<	<	<	<	<	<	<	<	0,0475	0,0332	52	<	<	<	<	0,0513	0,083	
8258	Diuron	µg/l	0,04	<	<	<	<	<	<	0,0495	<	<	<	<	49	<	<	<	<	0,045	0,061	
8382	Isoproturon	µg/l	0,03	<	<	<	0,0336	<	<	<	<	<	0,0335	<	52	<	<	<	<	0,0344	0,069	
8394	Linuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	50	<	<	<	<	<	<	
8418	Methabenzthiazuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	50	<	<	<	<	<	<	
8434	Metobromuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	52	<	<	<	<	<	<	
8436	Metoxuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	<	<	
Triazin Herbicides		635																				
8026	Atrazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	50	<	<	<	<	<	<	
8138	Cyanazine	µg/l	0,04	<	<	<	<	<	<	<	<	<	<	<	46	<	<	<	<	<	<	
8366	Hexazinone	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	52	<	<	<	<	<	<	
8415	Metamitron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	<	0,038	
8435	Metolachlor	µg/l	0,03	<	<	<	<	<	0,0309	<	<	<	<	<	52	<	<	<	<	<	0,062	
8437	Metribuzin	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8512	Prometryn	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	52	<	<	<	<	<	<	
8517	Propazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	52	<	<	<	<	<	<	
8547	Simazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	50	<	<	<	<	<	<	
8567	Terbutryne	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	48	<	<	<	<	<	<	
8568	Terbutylazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	52	<	<	<	<	<	0,064	
Uracil Herbicides		615																				
8392	Lenacil	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	49	<	<	<	<	<	<	
Unclassified Herbicides		645																				
8044	Bentazon	µg/l	0,03	<	<	<	<	<	0,056	<	<	<	<	<	13	<	<	<	<	0,0396	0,056	
8127	Chloridazon	µg/l	0,03	<	<	<	0,034	<	<	<	<	<	<	<	52	<	<	<	<	<	0,061	
8188	Dicamba	µg/l	0,03	<	<	<	<	<	0,065	<	<	0,14	0,102	0,038	13	<	<	<	0,0383	0,125	0,14	
8189	Dichlobenil	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8280	Ethofumesat	µg/l	0,01	<	<	<	<	0,047	<	<	<	<	<	<	4	<	*	*	0,0155	*	0,047	
8330	Fluroxypyr	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8354	Glyphosate	µg/l	0,04	<	0,05	<	0,04	0,08	0,12	0,215	0,335	0,105	0,07	<	23	<	<	0,08	0,1	0,216	0,54	
8354L	Glyphosate (load)	g/s	0,00361	<	<	0,00859	0,012	0,00973	0,0101	0,0152	0,0253	0,00912	0,00814	0,00853	0,0101	22	0,00159	0,00398	0,0095	0,0113	0,0189	0,0416
8612	Trifluralin	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8686	Sebutylazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	50	<	<	<	<	<	<	
8704	Sulcotrione	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
V137	2-amino-3-chloro-1,4-naphthoquinon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	

maandag 15 juli 2013

■ MDL = Method Detection Limit ■ n = number of observations per year ■ min = minimum ■ p10 p50 p90 = percentiles ■ mea = mean ■ max = maximum ■ * = insufficient number of data for statistics (for explanation of pictograms: see last page of this report) ■ ! = data series completely or partly composed using data estimated by neural network.

The values given in the tables under the different month columns can be both single values and average values, depending on the frequency with which measurements are taken. But to calculate the statistical key figures, the individual values measured are always used. These individual values are of course available from us on request.



Luik (M600)

1-1-2010 up to 31-12-2010

sample point code LUI

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max
Physiological plant growth regulator 950																				
1689	µg/l	0,02	<				<			<			<	4	<	*	*	<	*	<
Unclassified plant growth regulator 952																				
8436	Metoxuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	<	<
8491	Pentachlorophenol	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
Anti-sprouting products 960																				
8626	Chlorpropham	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<
Carbamate Insecticides 660																				
8082	Carbofuran	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	50	<	<	<	<	<	<
8499	Pirimicarb	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<
Organophosphorus Insecticides 670																				
8029	Azinphos-methyl	µg/l	0,02	<			<			<			<	4	<	*	*	<	*	<
8112	Chlorpyriphos-methyl	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<
8136	Coumaphos	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<
8185	Diazinon	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<
8209	Dichlorvos	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<
8238	Dimethoate	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<
8281	Ethoprophos	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<
8298	Fenitrothion	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<
8396	Malathion	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<
8501	Pirimiphos-methyl	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<
8652	Chlorpyriphos	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<
Benzoylurea Insecticides 690																				
8229	Diflubenzuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	50	<	<	<	<	<	<
Unclassified Insecticides 710																				
8425	Methomyl	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	50	<	<	<	<	<	<
8692	Pyriproxyphen	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<
Nematicides 860																				
1784	cis-1,3-Dichloropropene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
1785	trans-1,3-Dichloropropene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
8186	Dibromochloropropane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
Pesticide metabolites 954																				
2251	N,N-Dimethylsulfamid (DMS)	µg/l	0,05	<			<			<			<	4	<	*	*	<	*	<
8176	Desethylatrazine	µg/l	0,03	<	<	<	<	0,0333	<	<	<	<	<	51	<	<	<	<	0,0306	0,035
8178	Desisopropylatrazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	<	<
8681	Desethylterbutylazine	µg/l	0,07	<	<	<	<	<	<	<	<	<	<	52	<	<	<	<	<	<

maandag 15 juli 2013

■ MDL = Method Detection Limit ■ n = number of observations per year ■ min = minimum ■ p10 p50 p90 = percentiles ■ mea = mean ■ max = maximum ■ * = insufficient number of data for statistics (for explanation of pictograms: see last page of this report) ■ ! = data series completely or partly composed using data estimated by neural network.
 The values given in the tables under the different month columns can be both single values and average values, depending on the frequency with which measurements are taken. But to calculate the statistical key figures, the individual values measured are always used. These individual values are of course available from us on request.



Luik (M600)

1-1-2010 up to 31-12-2010

sample point code LUI

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max		
Various pesticides and metabolics 300																						
1170	Biphenyl	µg/l	0,02	<			<			<			<	4	<	*	*	<	*	<		
2251	N,N-Dimethylsulfamid (DMS)	µg/l	0,05	<			<			<			<	4	<	*	*	<	*	<		
2272	2-(methylthio)benzothiazole	µg/l	0,01	<			0,034			0,036			0,016	4	<	*	*	0,0227	*	0,036		
8280	Ethofumesat	µg/l	0,01	<			0,047			<			<	4	<	*	*	0,0155	*	0,047		
8373	Imazalil	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	52	<	<	<	<	<	<		
8497	Piperonylbutoxid	µg/l	0,01	<			<			0,022			<	4	<	*	*	<	*	0,022		
8522	Propyzamide	µg/l	0,01	<			0,016			<			<	4	<	*	*	<	*	0,016		
8682	Dimethenamid	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	52	<	<	<	<	<	<		
8692	Pyriproxyphen	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<		
Ethers 302																						
1428	Diisopropylether	µg/l	0,15	2,92	2,66	<	0,75	6,57	5,79		5,12	2,15		1,15	10	<	<	2,41	3,01	6,49	6,57	
2043	Methyl-tert.-butylether (MTBE)	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<		
2156	Bis(2-methoxyethyl)ether (Diglyme)	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<		
2168	Ethyl-tert.-butylether (ETBE)	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<		
Fuel additives 303																						
2043	Methyl-tert.-butylether (MTBE)	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<		
2086	1,2-Dibromoethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<		
2168	Ethyl-tert.-butylether (ETBE)	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<		
Various organic substances 305																						
1405	Dibenzopyridin (Acridin)	µg/l	0,01	<			<			0,013			<	4	<	*	*	<	*	0,013		
1764	Tributylphosphate	µg/l		1,37			0,267			0,057			0,522	4	0,057	*	*	0,555	*	1,37		
1871	Tris(2-chloroethyl)phosphate	µg/l	0,05	<			<			<			<	3	*	*	*	*	*	*		
2062	4,4'-Sulfonyldiphenol	µg/l	0,08	0,125	<	0,153	0,112	0,0987	0,0994	0,379	0,144	0,202	0,219	<	0,0964	48	<	<	0,0965	0,141	0,296	0,615
8625	Carbon disulfide	µg/l	0,2	0,3	<	<	<	<	<	<	<	<	<	8	<	*	*	<	*	0,3		
V154	miristalkonium chloride	µg/l	100							<			<	1	*	*	*	*	*	*		
V155	didecyldimethylammonium bromide	µg/l	100							<			<	1	*	*	*	*	*	*		
V156	cetrimonium bromide	µg/l	100							<			<	1	*	*	*	*	*	*		
V157	benzylidimethyl(octadecyl)ammonium	µg/l	100							<			<	1	*	*	*	*	*	*		



Luik (M600)

1-1-2010 up to 31-12-2010

sample point code LUI

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Industrial solvents 431																					
1027	Bromochloromethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	<
1040	1,2-Dichloroethane	µg/l	0,2	<	0,72	<	<	<	<	<	<	<	<	11	<	<	<	<	0,596	0,72	<
1044	Dichloromethane	µg/l	0,5	<	<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<	<
1049	Hexachlorobutadiene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	<
1056	Tetrachloroethene	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	<
1057	Tetrachloromethane	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	<
1063	Trichloroethene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	<
1064	Trichloromethane	µg/l	0,2	1,81	<	<	1,61	<	<	0,34	0,29	<	<	11	<	<	<	0,587	1,88	1,92	<
1070	1,2,3-Trichloropropane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	<
1828	cis-1,2-Dichloroethene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	<
1829	trans-1,2-Dichloroethene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	<
1954	1,1,1,2-Tetrachloroethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	<
1955	1,1,2,2-Tetrachloroethane	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	<
2015	Chloroethane	µg/l	0,5	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	<
8205	1,2-Dichloropropane	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	<
industrial chemicals (with arom. nit 434)																					
1708	2,3-Dichloroaniline	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	<
1709	2,5-Dichloroaniline	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	<
8196	2,6-Dichloroaniline	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	<
V141	N-ethyltoluene-4-sulphonamide	µg/l	0,01	<	<	<	<	<	<	0,018	<	<	<	4	<	*	*	<	*	0,018	<
V142	N-methylbenzenesulphonamide	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*	*
Industrial chemicals (with volatile h 437)																					
1035	Dibromomethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	<
1039	1,1-Dichloroethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
1041	1,1-Dichloroethene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<	<
1050	Hexachloroethane	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	<
1061	1,1,1-Trichloroethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	<
1062	1,1,2-Trichloroethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	<
1962	Chloroethene	µg/l	0,5	<	<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<	<
2016	Chloromethane	µg/l	0,5	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
2086	1,2-Dibromoethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	<
8206	1,3-Dichloropropane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	<
8429	Monobromomethane (Methylbromide)	µg/l	0,5	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	<

maandag 15 juli 2013

■ MDL = Method Detection Limit ■ n = number of observations per year ■ min = minimum ■ p10 p50 p90 = percentiles ■ mea = mean ■ max = maximum ■ * = insufficient number of data for statistics (for explanation of pictograms: see last page of this report) ■ ! = data series completely or partly composed using data estimated by neural network.

The values given in the tables under the different month columns can be both single values and average values, depending on the frequency with which measurements are taken. But to calculate the statistical key figures, the individual values measured are always used. These individual values are of course available from us on request.



Luik (M600)

1-1-2010 up to 31-12-2010

sample point code LUI

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Industrial chemicals (with PCBs) 440																					
1220	2,4,4'-Trichlorobiphenyl (PCB 28)	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<	
1244	2,5,2',5'-Tetrachlorobiphenyl (PCB 5)	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<	
1293	2,4,5,2',5'-Pentachlorobiphenyl (PCB	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<	
1310	2,4,5,3',4'-Pentachlorobiphenyl (PCB	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<	
1330	2,3,4,2',4',5'-Hexachlorobiphenyl (PC	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<	
1345	2,4,5,2',4',5'-Hexachlorobiphenyl (PC	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<	
1372	2,3,4,5,2',4',5'-Heptachlorobiphenyl (µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<	
Industrial chemicals (with anilides) 442																					
1414	Methylchinolin	µg/l	0,01	<			0,048			0,181			<	4	<	*	*	0,0597	*	0,181	
V143	Phenanthridine	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<	
Cooling agents 430																					
2017	Dichlorodifluoromethane	µg/l	5	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	
2019	Trichlorofluoromethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	
Disinfection byproducts 446																					
1028	Bromodichloromethane	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	
1033	Dibromochloromethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	
1058	Tribromomethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	
X-ray contrast agents 340																					
6232	Diatrizoic Acid	µg/l	0,03	0,06	0,05	0,04	0,08	0,09	0,09	0,2	0,12	0,15	0,12	0,11	13	0,02	0,028	0,09	0,09	0,18	0,2
6234	Iohexol	µg/l	0,075	0,04	0,07	0,11	0,12	0,08	0,14	0,1	0,12	0,09	0,04	0,11	13	0,04	0,04	0,1	0,09	0,132	0,14
6235	Iomeprol	µg/l	0,06	0,1	0,04	0,06	0,1	0,17	0,28	0,36	0,26	0,19	0,33	0,1	13	0,02	0,028	0,1	0,162	0,348	0,36
6236	Iopamidol	µg/l	0,01	<	<	<	<	<	0,01	<	<	<	<	13	<	<	<	<	<	0,01	
6237	Iopanoic acid	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
6238	Iopromide	µg/l	0,06	0,07	0,09	0,18	0,18	0,2	0,22	0,5	0,39	0,21	0,44	13	0,03	0,046	0,18	0,208	0,476	0,5	
6239	Iothalamic acid	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
6240	Ioxaglic acid	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
6241	Ioxitalamic acid	µg/l	0,01	0,0225	0,03	0,05	0,04	0,04	0,08	0,05	0,04	0,09	0,05	0,02	13	<	0,011	0,04	0,045	0,086	0,09
Antibiotics 310																					
6032	Sulfamethoxazole	µg/l	0,01	<	<	<	<	0,01	0,01	0,02	0,01	<	<	13	<	<	<	<	0,02	0,02	
6259	Lincomycin	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<	
Beta-adrenergic blocking agents 320																					
6226	Metoprolol	µg/l	0,02	<			<			<			<	4	<	*	*	<	*	<	
6229	Sotalol	µg/l	0,05	<			0,08			<			<	4	<	*	*	<	*	0,08	

maandag 15 juli 2013

■ MDL = Method Detection Limit ■ n = number of observations per year ■ min = minimum ■ p10 p50 p90 = percentiles ■ mea = mean ■ max = maximum ■ * = insufficient number of data for statistics (for explanation of pictograms: see last page of this report) ■ ! = data series completely or partly composed using data estimated by neural network.

The values given in the tables under the different month columns can be both single values and average values, depending on the frequency with which measurements are taken. But to calculate the statistical key figures, the individual values measured are always used. These individual values are of course available from us on request.



Luik (M600)

1-1-2010 up to 31-12-2010

sample point code LUI

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Analgesic and anti-inflammatory dr 350																					
6077	O-acetylsalicylic acid	µg/l	0,02	<			<			<			<	4	<	*	*	<	*	<	
6249	Diclofenac	µg/l	0,01	0,0125	0,02	<	<	<	<	<	0,01	<	0,01	13	<	<	<	<	0,02	0,02	
6252	Ibuprofen	µg/l	0,01	0,055	0,08	0,06	<	0,09	0,1	0,09	0,1	0,09	0,07	13	<	<	0,08	0,0669	0,1	0,1	
6255	Naproxen	µg/l	0,02	<	0,03	<	<	0,03	0,02	<	0,02	0,03	0,02	13	<	<	0,02	<	0,03	0,03	
6309	Phenazone	µg/l	0,01		<			<					<	4	<	*	*	<	*	<	
Various pharmaceuticals 370																					
1613	Caffein	µg/l		1			3,1			4,9			1,4	4	1	*	*	2,6	*	4,9	
1661	methyl salicylate	µg/l	0,01				<							1	*	*	*	*	*	*	
1860	Carbamazepine	µg/l	0,01	<	0,015	0,01	0,018	0,057	0,026		0,014	0,026	0,017	10	<	<	0,016	0,0193	0,0539	0,057	
V139	3-methyl-4-(2,6,6-trimethyl-2-cyclohe	µg/l	0,01	0,024			<			0,022			0,016	4	<	*	*	0,0167	*	0,024	
V140		µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<	
food supplement 375																					
V138	4'-methoxyacetophenone	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<	
Endocrin disrupting compounds (400																					
2072	Bisphenol A	µg/l	0,03	<			<			0,14			<	4	<	*	*	0,0462	*	0,14	
6356	Estrone	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<	
6703	Activity with respect to 17-beta-estra	ng/l		0,523			0,77							2	*	*	*	*	*	*	
unspecified substances 980																					
1047	2,2-Dichloropropane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	
2013	1,1-Dichloropropene	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	

