

Luik (M600)

1-1-2015 up to 31-12-2015

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	674	535	364	294	179	99,2	67,5	73,2	112	80,9	188	346	364	53	64,7	170	249	606	1020		
0120	Water temperature	°C	6,28	5,65	9,4	13	16,3	19,3	21,8	21,4	17,8	14	12,6	10,3	51	4,6	6,26	14	14,1	21,7	23,6		
0128	Suspended matter	mg/l	4	32,5	21,5	26	8	<	5	6	5	7	<	7,5	12	26	<	6	11	28,3	48		
0180	pH	pH	8,15	8,19	8,21	8,23	8,14	8,17	8,02	8,08	8,03	7,98	8,11	8,14	51	7,67	7,91	8,13	8,12	8,28	8,45		
0200	Conductivity (at 20 °C)	mS/m	43,8	45	49	47	52,9	60,5	65,1	70	55,7	55,6	59,2	40,7	51	36,2	40,4	52,3	53,8	68,7	74,4		
0251	Total hardness, 0.45 µm filtrate	mmol/l	1,71	1,91	1,94	1,95	2,18	2,27	2,28	2,34	2,07	1,91	1,87	1,61	26	1,45	1,63	2,07	2	2,29	2,46		
0252	temperal hardness	mmol/l	2,74	2,77	3,1	2,74	3,24	3,35	3,15	3,25	2,7	2,7	2,92	2,24	51	2,03	2,36	3,01	2,9	3,39	3,55		
Inorganic compounds 030																							
0222	Bicarbonate	mg/l	167	169	189	167	198	204	192	198	165	164	178	137	51	124	144	184	177	207	216		
0230	Chloride	mg/l	22,5	23,8	23,8	26	30,5	44,3	58,8	75,3	46,8	49,2	47,5	24,3	51	17	21	35	39,7	66	96		
0230L	Chloride (load)	kg/s	14	12,1	7,7	7,1	5,91	4,54	3,81	5,33	6,11	3,95	7,28	51	2,49	3,25	5,4	7,1	13,4	20,7			
0232	Sulfate	mg/l	26	27	31	32,4	37	47,5	56,8	60,3	47,5	44,6	51	33,5	51	23	25,4	38	41,4	59,8	66		
0288	Silicate (Si)	mg/l	3,47	3,21	2,96	2,34	2,1	1,91	3,19	2,74	2,7	2,85	3,58	13	1,91	1,99	2,88	2,89	3,66	3,71			
0381	Bromide	µg/l	36,5	48	69,5	59,7	40,5	177	60	72	150	91	92	26	29	32,4	67	78,2	141	244			
0382	Fluoride	mg/l	0,168	0,223	0,233	0,312	0,325	0,728	0,664	0,94	0,46	0,362	0,638	0,233	51	0,11	0,16	0,32	0,441	0,94	1,09		
0386	Cyanide, total	µg/l	2	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
Nutrients 040																							
0271	Ammonium (NH4)	mg/l	0,02	0,17	0,13	0,135	0,13	0,115	0,0925	0,164	0,11	0,148	0,194	0,168	0,125	51	<	0,092	0,13	0,141	0,2	0,24	
0281	Nitrite (NO2)	mg/l	0,06	0,08	0,075	0,0867	0,09	0,105	0,075	0,105	0,115	0,0733	0,085	0,08	26	0,02	0,044	0,09	0,0854	0,12	0,13		
0283	Nitrate (NO3)	mg/l	14,5	14,3	15,1	14	11,8	12,6	11,7	11,2	8,95	12,4	13,1	16,1	51	2,6	11	12,9	13	15,7	17,2		
0284D	Orthophosphate (PO4)	mg/l	0,238	0,175	0,2	0,194	0,304	0,304	0,724	0,681	0,592	0,698	0,671	0,253	51	0,149	0,17	0,31	0,427	0,833	1,59		
0286D	Total phosphate (PO4)	mg/l	0,767	<	<	<	<	<	1,04	<	0,923	0,839	0,891	<	26	<	<	<	<	1,3	1,75		
Group compounds 070																							
0401	Total organic carbon (TOC)	mg/l	5,95	3,78	3,45	4,16	4	3,55	4,04	4,2	4,6	4,64	4,58	5,3	51	2,8	3,12	4,1	4,35	6,02	9,7		
Summend compounds 080																							
0451	Trihalomethanes (sum)	µg/l	0,39							0,28	0,24	0,13		4	0,13	*	*	0,26	*	0,39			
2022	Tetra- and Trichloroethene (sum)	µg/l		0,11	0,11									2	*	*	*	*	*	*			
8671	Pesticides (total)	µg/l				0,222	0,046	0,153	0,035	0,037	0,04		0,09	0,0415	12	0,026	0,0275	0,0525	0,0787	0,215	0,222		
Biological compounds 090																							
0627	Coliform bacteria, thermotolerant (44	n/ml	64,5	22	22	37,7	24	10,5	13	18,5	60,5	37,3	27,5	49,5	26	6	9,1	27,5	32,7	73,9	102		
0657	Enterococci	n/ml	10	3680	586	510	415	260	14	130	39	1880	31,7	660	22	<	<	145	633	3100	3740		

vrijdag 5 augustus 2016

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■ 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.

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Hydrobiological compounds																							
	095																						
7100	Chlorophyll-a	µg/l	1	<	<	1,55	4,28	6,63	14	10,1	17,2	5,83	2,94	2,05	1,03	50	<	<	2,75	5,7	15	29,6	
7110	Phaeophytine	µg/l	1	2,15	1,7	1,67	3,08	3	6,28	5,72	8,73	4,9	2,44	2,25	2,87	50	<	1,6	2,6	3,75	8,6	12,1	
Metals																							
	050																						
0240	Sodium	mg/l		11,5	16	15	18,3	18,5	33	38,5	48	41	35,7	31	18	26	10	13	22,5	27	44,3	52	
0242	Potassium	mg/l		2,4	2,85	2,4	2,87	2,8	3,8	4,05	4,4	4,6	4,1	4,6	2,95	26	2,2	2,44	3,3	3,48	4,55	5,1	
0300	Iron	mg/l		1,38	0,89	1,31	0,26	0,18	0,26	0,32	0,16	0,22	0,31	0,89	0,62	13	0,16	0,168	0,32	0,547	1,35	1,38	
0306	Manganese	µg/l		67,5	74,5	71	28	27	41,5	51,5	45,5	59,5	37	43	37	26	23	24	45	47,3	79,8	105	
0312	Antimony	µg/l	2	<	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	
0314	Arsenic	µg/l	1	1,1	<	2,1	<	<	<	1,4	1,4	1,3	<	1,1	1	13	<	<	1	<	1,82	2,1	
0316	Barium	µg/l		21	20	26	20	19	23	25	26	23	21,5	22	20	13	19	19,4	22	22,2	26	26	
0323	Boron	µg/l	50	<	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
0324	Cadmium	µg/l	0,2	<	0,215	0,215	<	<	<	<	<	0,31	<	0,315	<	26	<	<	<	<	0,387	0,53	
0326	Chromium	µg/l	1	4,15	5,15	4,5	1,63	<	1,75	2,05	1,05	1,1	1,1	3,5	2,1	26	<	<	1,9	2,3	4,8	7,1	
0330	Copper	µg/l	3	<	3,25	<	3,17	<	<	<	<	<	<	<	<	26	<	<	<	<	4	5	
0332	Mercury	µg/l	0,04	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
0334	Lead	µg/l	2	3,55	4,3	3,85	<	<	<	<	<	2,8	<	2,1	<	26	<	<	<	<	4,32	5,8	
0340	Nickel	µg/l	2	2,85	3,9	4,25	<	<	<	<	<	<	2,3	<	2,25	26	<	<	2,25	2,18	3,54	5,6	
0342	Selenium	µg/l	1	<	<	1,2	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	1,2	
0354	Zinc	µg/l	20	29	35,5	33	21	<	<	<	<	<	26,5	23,3	<	26	<	<	23	21,6	34,5	40	
0366	Wolman salts (As, Cr, Cu sum)	µg/l	4,5	6,1	5,2	8,3	<	<	<	5,2	<	<	<	7,3	4,5	13	<	<	<	4,62	7,9	8,3	
Metals, after filtration																							
	055																						
0245	Calcium, 0.45 µm filtrate	mg/l		60	66,5	67,5	66,3	74,5	76	76	76,5	68,5	63	63	54,5	26	49	56,7	68,5	67,5	77,3	80	
0248	Magnesium, 0.45 µm filtrate	mg/l		5,25	5,7	6,2	7,13	7,6	8,9	9,25	10,2	8,6	8,1	7,05	5,85	26	5,2	5,37	7,5	7,5	9,43	10,9	
0302	Iron, 0.45 µm filtrate	mg/l		0,03	0,02	0,02	0,03	0,03	0,02	0,02	0,03	0,03	0,05	0,07	0,05	13	0,02	0,02	0,03	0,0346	0,066	0,07	
0308	Iron, 0.45 µm filtrate	µg/l		30	20	20	30	30	20	20	30	30	50	70	50	13	20	20	30	34,6	66	70	
0311	Aluminium, 0.45 µm filtrate	µg/l		16	19,5	17,5	24,7	18	18	22	26,5	24,5	23	24,5	22,5	26	13	14	21	21,6	30,6	35	
Complex buiders																							
	060																						
1793	Nitritotriacetic acid (NTA)	µg/l	5			<			<						4	<	*	*	<	*	<	<	
1794	Ethylendiaminetetraacetic acid (ED)	µg/l	5			<			7				10		4	<	*	*	6,12	*	*	10	
1794L	Ethylendiaminetetraacetic acid (ED)	g/s				0,608			0,625				2,47		4	0,608	*	*	1,27	*	*	2,47	
2003	Diethylenetriaminopentaacetic acid ()	µg/l	5			<			<						4	<	*	*	<	*	<	<	



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	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Mono cyclistic aromatic hydrocarb 170																					
1074	Benzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1075	Butylbenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1080	1,2-Dimethylbenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1088	Ethynylbenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1089	Ethylbenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1098	Methylbenzene	µg/l	0,1	<	<	0,2	<	0,13	<	<	<	<	<	<	<	<	<	<	0,172	0,2	<
1106	Propylbenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1112	Chlorobenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1115	2-Chloromethylbenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1119	1,2-Dichlorobenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1120	1,3-Dichlorobenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1121	1,4-Dichlorobenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1127	Pentachlorobenzene	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	<
1128	1,2,3,4-Tetrachlorobenzene	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	<
1130R	1,2,3,5- and 1,2,4,5-Tetrachlorobenz	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	<
1131	1,2,3-Trichlorobenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
1132	1,2,4-Trichlorobenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
1133	1,3,5-Trichlorobenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
1797	Iso-propylbenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
1832	1,3,5-Trimethylbenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
1951	1,2,4-Trimethylbenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
1952	1,2,3-Trimethylbenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
1959	4-Chloromethylbenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
1960	1-Methyl-4-iso-propylbenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
1998	t-Butylbenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
2014	Bromobenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
2039	1,3- and 1,4-Dimethylbenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
2064	s-Butylbenzene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<



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Poly cyclic aromatic hydrocarbo 180																							
1161	Acenaphthene	µg/l	0,0125	<	<	0,0211	<	<	<	<	<	<	0,0152	<	12	<	<	<	<	0,0193	0,0211		
1162	Acenaphthylene	µg/l	0,0125	<	<	<	<	<	<	<	<	<	0,0255	<	13	<	<	<	<	0,0178	0,0255		
1163	Anthracene	µg/l	0,0125	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1165	Benzo(a)anthracene	µg/l	0,0125	<	0,0161	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	0,0161		
1166	Benzo(b)fluoranthene	µg/l	0,0125	<	0,016	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	0,016		
1167	Benzo(k)fluoranthene	µg/l	0,0125	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1168	Benzo(ghi)perylene	µg/l	0,0125	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1169	Benzo(a)pyrene	µg/l	0,005	0,0074	0,0142	0,0056	0,0051	<	<	<	<	<	0,0061	<	13	<	<	<	<	0,0115	0,0142		
1172	Chrysene	µg/l	0,0125	<	0,0168	<	<	<	<	<	<	<	<	<	13	<	<	<	<	0,0126	0,0168		
1173	Dibenzo(a,h)anthracene	µg/l	0,0125	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1180	Phenanthrene	µg/l	0,0125	0,0169	0,0222	0,0198	<	0,013	0,0173	0,0128	0,0797	<	0,0131	0,0504	<	13	<	<	0,0169	0,0213	0,068	0,0797	
1181	Fluoranthene	µg/l	0,0125	0,0241	0,0532	0,0253	0,0128	<	<	0,0162	0,0356	0,0126	<	0,0322	0,0153	13	<	<	0,016	0,0202	0,0462	0,0532	
1182	Fluorene	µg/l	0,0125	<	<	0,0125	<	<	<	<	0,0878	<	<	0,0165	<	13	<	<	<	0,0138	0,0593	0,0878	
1183	Indeno(1,2,3-cd)pyrene	µg/l	0,0125	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1188	Pyrene	µg/l	0,0125	0,0181	0,0399	0,0176	<	<	<	<	0,0189	<	<	0,0217	0,0126	13	<	<	0,0125	0,0138	0,0326	0,0399	
1965	1-Chloronaphthalene	µg/l	0,02		<		<						<	4	<	*	*	<	*	<	<		
2040	2-Chloronaphthalene	µg/l	0,02		<		<						<	4	<	*	*	<	*	<	<		
8450	Naphthalene	µg/l	0,0125	0,0162	0,0285	0,0238	0,0173	<	0,0132	<	0,018	<	<	0,0158	0,0626	13	<	<	0,0158	0,0174	0,049	0,0626	

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Organochlorine pesticides		200																			
8006	Aldrin	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8162	o,p-DDD	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8163	p,p-DDD	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8164	o,p-DDE	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8165	p,p-DDE	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8166	o,p-DDT	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8167	p,p-DDT	µg/l	0,019			<		<			<			<	4	<	*	*	<	*	<
8189	Dichlobenil	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8199	2,6-Dichlorobenzamide (BAM)	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
8217	Dieldrin	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8263	alpha-Endosulfan	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8264	beta-Endosulfan	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8265	Endosulfansulfate	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8268	Endrin	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8358	Heptachlor	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8359	Heptachloroepoxide (cis + trans)	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8361	Hexachlorobenzene (HCB)	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8362	alpha-Hexachlorocyclohexane (alpha)	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8363	beta-Hexachlorocyclohexane (beta-H)	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8379	Isodrin	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8393	Lindane (gamma-HCH)	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8428	Methoxychlor	µg/l	0,02			<		<			<			<	3	*	*	*	*	*	*
8533	Quintocene	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8556	Tecnazene	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8560	Telodrin	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8629	delta-Hexachlorocyclohexane (delta)	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8631	trans-Heptachloroepoxide	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8640	cis-Chlordane	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<
8641	trans-Chlordane	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<



Luik (M600)

1-1-2015 up to 31-12-2015

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	0,02		<		<			<			<	4	<	*	*	<	*	<	
8029	Azinphos-methyl	µg/l	0,035		<		<			<			<	4	<	*	*	<	*	<	
8044	Bentazon	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8059	Bromophos-methyl	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8060	Bromophos-ethyl	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8108	Chlorfenvinphos	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8112	Chlorpyriphos-methyl	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8136	Coumaphos	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8185	Diazinon	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8188	Dicamba	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8238	Dimethoate	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8255	Disulfoton	µg/l	0,025		<		<			<			<	4	<	*	*	<	*	<	
8281	Ethoprophos	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8298	Fenitrothion	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8309	Fenthion	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8335	Fonofos	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8354	Glyphosate	µg/l			0,12		0,13			0,1				3	*	*	*	*	*	*	
8354L	Glyphosate (load)	g/s			0,0292		0,0116			0,0247				3	*	*	*	*	*	*	
8360	Heptenophos	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8396	Malathion	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8423	Methidathion	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8439	Mevinphos	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8482	Parathion-ethyl	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8483	Parathion-methyl	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8501	Pirimiphos-methyl	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8566	Terbufos	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8590	Tolclofos-methyl	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8600	Triazophos	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8632	Aminomethylphosphonic acid (AMPA)	µg/l			0,13		1,21			0,76				3	*	*	*	*	*	*	
8632L	Aminomethylphosphonic acid (AMPA)	g/s			0,0316		0,108			0,188				3	*	*	*	*	*	*	
8652	Chlorpyriphos	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
8702	Nicosulfuron	µg/l	0,03	<	<	<	<	<	<	<	<	0,048	<	13	<	<	<	<	0,0348	0,048	
8704	Sulcotrione	µg/l	0,03	<	<	<	<	<	<	<	<		<	10	<	<	<	<	<	<	

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Luik (M600)

1-1-2015 up to 31-12-2015

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	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<
8127	Chloridazon	µg/l	0,03	<	<	<	0,045	<	<	<	<	<	<	<	26	<	<	<	<	<	0,105	
8392	Lenacil	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<
8471	Oxadiazon	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<	<
8732	Chloridazon-desphenyl	µg/l		0,46	0,89	0,78	0,78	1,08	0,69	0,71	0,85	0,82	0,74	0,79	0,5	13	0,46	0,476	0,78	0,756	1	1,08
Carbamate herbicides		260																				
8003	Aldicarb	µg/l	0,03			<		<			<		<		4	<	*	*	<	*	<	<
8078	Carbetamide	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<
8082	Carbofuran	µg/l	0,03			<		<			<		<		4	<	*	*	<	*	<	<
8424	Methiocarb	µg/l	0,02	<	<	<		<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
8425	Methomyl	µg/l	0,03			<		<			<		<		4	<	*	*	<	*	<	<
8499	Pirimicarb	µg/l	0,02			<		<			<		<		4	<	*	*	<	*	<	<
8626	Chlorpropham	µg/l	0,02			<		<			<		<		4	<	*	*	<	*	<	<
Biocides		285																				
8079	Carbendazim	µg/l	0,03	<	<	<	<	<	<	<	0,032	<	<	<	26	<	<	<	<	<	0,049	
8169	Diethyltoluamide (DEET)	µg/l	0,02			<		<			0,033			<	4	<	*	*	<	*	0,033	
8209	Dichlorvos	µg/l	0,02			<		<			<			<	4	<	*	*	<	*	<	<
8519	Propiconazole	µg/l	0,08			<		<			<			<	4	<	*	*	<	*	<	<
Benzimidazole Fungicides		470																				
8079	Carbendazim	µg/l	0,03	<	<	<	<	<	<	<	0,032	<	<	<	26	<	<	<	<	<	0,049	
Conazole Fungicides		480																				
8519	Propiconazole	µg/l	0,08			<		<			<			<	4	<	*	*	<	*	<	<
Unclassified Fungicides		520																				
8590	Tolclofos-methyl	µg/l	0,02			<		<			<			<	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	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
8204	2,4-Dichlorprop (2,4-DP)	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8330	Fluroxypyr	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8401	4-Chloro-2-methylphenoxyacetic acid	µg/l	0,03	<	<	<	<	<	<	<	0,05	<	<	<	13	<	<	<	<	0,036	0,05	
8402	4-(4-Chloro-2-methylphenoxy)butano	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8404	Mecoprop (MCPP)	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	<	<	<	<	<	<	<

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Luik (M600)

1-1-2015 up to 31-12-2015

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	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	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8122	Chlortoluron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	25	<	<	<	<	<	<
8229	Diflubenzuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8233	Dimefuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8258	Diuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	0,037
8382	Isoproturon	µg/l	0,03	<	<	<	0,0487	<	<	<	<	0,0525	0,0415	26	<	<	<	<	0,0669	0,116
8394	Linuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
8418	Metabenzthiazuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
8434	Metobromuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
8436	Metoxuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
8446	Monolinuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
Dinitrophenol herbicides 250																				
8248	Dinoseb (2-sec.butyl-4,6-dinitrophen	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
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	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<
8204	2,4-Dichloroprop (2,4-DP)	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8401	4-Chloro-2-methylphenoxyacetic acid	µg/l	0,03	<	<	<	<	<	<	0,05	<	<	<	13	<	<	<	<	0,036	0,05
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	0,02	<	<	<	<	<	<	<	<	<	0,023	4	<	*	*	<	*	0,023
8682	Dimethenamid	µg/l	0,03	<	<	<	<	0,046	0,0535	<	<	<	<	26	<	<	<	<	0,042	0,077
Anilide Herbicides 570																				
8417	Metazachlor	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
8515	Propanil	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	19	<	<	<	<	<	<
8674	Diflufenican	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
V376	flufenacet	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
Chloroacetanilide Herbicides 580																				
8002	Alachlor	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8513	Propachlor	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
(Bis-)Carbamate Herbicides 590																				
8078	Carbetamide	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
8626	Chlorpropham	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<

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Luik (M600)

1-1-2015 up to 31-12-2015

sample point code LUI

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max		
Sulfonylurea Herbicides		610																				
8702	Nicosulfuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	0,048	<	13	<	<	<	<	0,0348	0,048	
Urea Herbicides		620																				
8122	Chlortoluron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	25	<	<	<	<	<	<	
8258	Diuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	0,037	
8382	Isoproturon	µg/l	0,03	<	<	<	0,0487	<	<	<	<	<	0,0525	0,0415	26	<	<	<	<	0,0669	0,116	
8394	Linuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8418	Metabenzthiazuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8434	Metobromuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8436	Metoxuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
Triazin Herbicides		635																				
8026	Atrazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	0,031	
8138	Cyanazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8366	Hexazinone	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8415	Metamitron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	25	<	<	<	<	<	<	
8435	Metolachlor	µg/l	0,03	<	<	<	<	<	0,042	<	<	<	<	<	26	<	<	<	<	<	0,051	
8437	Metribuzin	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	<	
8512	Prometryn	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8517	Propazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8547	Simazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	25	<	<	<	<	<	<	
8567	Terbutryne	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8568	Terbutylazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	0,0371	0,072	
Uracil Herbicides		615																				
8392	Lenacil	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	



Luik (M600)

1-1-2015 up to 31-12-2015

sample point code LUI

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max		
Unclassified Herbicides 645																						
8044	Bentazon	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8127	Chloridazon	µg/l	0,03	<	<	<	0,045	<	<	<	<	<	<	<	26	<	<	<	<	<	0,105	
8188	Dicamba	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8189	Dichlobenil	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	<	
8280	Ethofumesat	µg/l	0,02		<		0,022			<			<	4	<	*	*	<	*	0,022	<	
8330	Fluroxypyr	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
8354	Glyphosate	µg/l			0,12		0,13			0,1				3	*	*	*	*	*	*	*	
8354L	Glyphosate (load)	g/s			0,0292		0,0116			0,0247				3	*	*	*	*	*	*	*	
8471	Oxadiazon	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	<	
8612	Trifluralin	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	<	
8686	Sebutylazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<	
8704	Sulcotrione	µg/l	0,03		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	
Unclassified plant growth regulator 952																						
8436	Metoxuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<	
8491	Pentachlorophenol	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
Anti-sprouting products 960																						
8626	Chlorpropham	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	<	
Carbamate Insecticides 660																						
8082	Carbofuran	µg/l	0,03		<		<			<		<		4	<	*	*	<	*	<	<	
8424	Methiocarb	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<	
8499	Pirimicarb	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	<	
Organophosphorus Insecticides 670																						
8029	Azinphos-methyl	µg/l	0,035		<		<			<			<	4	<	*	*	<	*	<	<	
8112	Chlorpyriphos-methyl	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	<	
8136	Coumaphos	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	<	
8185	Diazinon	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	<	
8209	Dichlorvos	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	<	
8238	Dimethoate	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	<	
8281	Ethoprophos	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	<	
8298	Fenitrothion	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	<	
8396	Malathion	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	<	
8501	Pirimiphos-methyl	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	<	
8652	Chlorpyriphos	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	<	
Benzoylurea Insecticides 690																						
8229	Diflubenzuron	µg/l	0,03		<		<			<		<		4	<	*	*	<	*	<	<	

vrijdag 5 augustus 2016

■ 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)

1-1-2015 up to 31-12-2015

sample point code	LUI
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	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max		
Unclassified Insecticides 710																						
8425	Methomyl	µg/l	0,03		<		<			<		<		4	<	*	*	<	*	<		
Nematicides 860																						
1784	cis-1,3-Dichloropropene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<		
1785	trans-1,3-Dichloropropene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<		
8186	Dibromochloropropane (DBCP)	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<		
Pesticide metabolites 954																						
2251	N,N-Dimethylsulfamid (DMS)	µg/l	0,05	0,09	0,21	0,36	<	0,39	<	0,16	0,2	0,21	0,16	0,35	0,12	13	<	<	0,2	0,189	0,378	0,39
8176	Desethylatrazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<	<
8178	Desisopropylatrazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<	<
8681	Desethylterbutylazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<	<
Various pesticides and metabolics 300																						
1170	Biphenyl	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<		
1780	N-Butylbenzenesulfonamide	µg/l	0,1		<		<			<			<	4	<	*	*	<	*	<		
2251	N,N-Dimethylsulfamid (DMS)	µg/l	0,05	0,09	0,21	0,36	<	0,39	<	0,16	0,2	0,21	0,16	0,35	0,12	13	<	<	0,2	0,189	0,378	0,39
2272	2-(methylthio)benzothiazole	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<		
8280	Ethofumesat	µg/l	0,02		<		0,022			<			<	4	<	*	*	<	*	0,022		
8373	Imazalil	µg/l	0,03		<		<			<		<		4	<	*	*	<	*	<		
8497	Piperonylbutoxid	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<		
8522	Propyzamide	µg/l	0,02		<		<			<			0,023	4	<	*	*	<	*	0,023		
8682	Dimethenamid	µg/l	0,03	<	<	<	<	0,046	0,0535	<	<	<	<	26	<	<	<	<	0,042	0,077		
Ethers 302																						
1428	Di-iso-propylether	µg/l	0,1	2,94	<	10,3	5,96	0,17	17,1	3,85	6,72	0,18	1,53	4,7	4,74	13	<	<	3,85	4,6	14,4	17,1
2043	Methyl-tert.-butylether (MTBE)	µg/l	0,1	<	<	<	<	0,12	<	<	<	<	<	13	<	<	<	<	<	<	<	0,12
2168	Ethyl-tert.-butylether (ETBE)	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	0,19
Fuel additives 303																						
2043	Methyl-tert.-butylether (MTBE)	µg/l	0,1	<	<	<	<	0,12	<	<	<	<	<	13	<	<	<	<	<	<	<	0,12
2086	1,2-Dibromoethane	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	<
2168	Ethyl-tert.-butylether (ETBE)	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	0,19



Luik (M600)

1-1-2015 up to 31-12-2015

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 organic substances		305																					
1004	Heptane	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1006	n-hexane	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1014	Octane	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1405	Dibenzopyridin (Acridin)	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	<		
1764	Tributylphosphate	µg/l	0,02			0,198	<			0,78			0,774	4	<	*	*	0,44	*	0,78	<		
1765	Triethylphosphate (TEP)	µg/l	0,04		<		<			<			<	4	<	*	*	<	*	<	<		
1963	Di(2-chloro-iso-propyl) ether	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<		
2062	4,4'-Sulfonyldiphenol	µg/l	0,03			0,03				<		0,915		3	*	*	*	*	*	*	*		
2090	Acetone	µg/l	5	<	<		<		<	<	<		<	8	<	*	*	<	*	<	<		
2183	benzotriazole	µg/l		0,139	0,225	0,273	0,17	0,254	0,492	0,715	1,27	1,54	0,838	0,324	0,108	13	0,108	0,12	0,324	0,553	1,43	1,54	
2184	5-methyl-1-H-benzotriazole (tolyltriaz	µg/l		0,408	0,245	0,196	0,618	0,275	0,432	1,71	0,456	0,68	0,92	0,565	0,47	13	0,196	0,216	0,47	0,607	1,51	1,71	
8625	Carbon disulfide	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
Industrial solvents		431																					
1027	Bromochloromethane	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1040	1,2-Dichloroethane	µg/l	0,1	<	<	0,11	<	<	<	0,16	<	<	<	<	13	<	<	<	<	0,14	0,16		
1044	Dichloromethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1049	Hexachlorobutadiene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1056	Tetrachloroethene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1057	Tetrachloromethane	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1063	Trichloroethene	µg/l	0,1	<	0,11	0,11	<	<	<	<	<	<	<	<	13	<	<	<	<	0,11	0,11		
1064	Trichloromethane	µg/l	0,1	0,39	<	<	<	<	<	<	0,21	0,24	<	<	13	<	<	<	0,109	0,33	0,39		
1070	1,2,3-Trichloropropane	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1828	cis-1,2-Dichloroethene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1829	trans-1,2-Dichloroethene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1954	1,1,1,2-Tetrachloroethane	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1955	1,1,1,2-Tetrachloroethane	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
2015	Chloroethane	µg/l	0,5	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
8205	1,2-Dichloropropane	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		



Luik (M600)

1-1-2015 up to 31-12-2015

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 (per)fluor 433																				
2263	undecafluorohexanoic acid	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
2264	Perfluorododecanoic acid (PFDoA)	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
2269	heptacosafuorotetradecanoic acid	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
2282	perfluoro-1-butanefulfonate linear (P	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
2283	henicosafuoroundecanoic acid (PFU	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
2284	Perfluorovaleric acid (PFPeA)	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
2287	Perfluorodecanoic acid (PFDA)	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
2288	heptafluorobutyric acid (PFBA)	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
2289	Perfluoroheptanoic acid (PFHpA)	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
2290	Perfluorononanoic acid (PFNA)	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
2292	Perfluorohexane sulfonate (PFHxS)	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
2294	Perfluorooctanoate (PFOA)	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
2295	heptadecafluorooctane-1-sulphonic a	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
V234	Perfluorodecane sulfonate (PFDS)	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
V235	Perfluorooctane sulfonamide (PFOS	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
industrial chemicals (with arom. nit 434																				
V141	N-ethyltoluene-4-sulphonamide	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
Industrial chemicals (with volatile h 437																				
1035	Dibromomethane	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1039	1,1-Dichloroethane	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1041	1,1-Dichloroethene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1050	Hexachloroethane	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<
1061	1,1,1-Trichloroethane	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1062	1,1,2-Trichloroethane	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1962	Chloroethene	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
2016	Chloromethane	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
2086	1,2-Dibromoethane	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8206	1,3-Dichloropropane	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8429	Monobromomethane (Methylbromide)	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<

vrijdag 5 augustus 2016

■ 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)

1-1-2015 up to 31-12-2015

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	0,02		<		<			<			<	4	<	*	*	<	*	<
1244	2,5,2',5'-Tetrachlorobiphenyl (PCB 5	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
1293	2,4,5,2',5'-Pentachlorobiphenyl (PCB	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
1310	2,4,5,3',4'-Pentachlorobiphenyl (PCB	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
1330	2,3,4,2',4',5'-Hexachlorobiphenyl (PC	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
1345	2,4,5,2',4',5'-Hexachlorobiphenyl (PC	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
1372	2,3,4,5,2',4',5'-Heptachlorobiphenyl (µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
Industrial chemicals (with anilides) 442																				
1414	Methylchinolin	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
V143	Phenanthridine	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<
Cooling agents 430																				
2017	Dichlorodifluoromethane	µg/l	0,2						<	<	<	<	<	6	<	*	*	<	*	<
2019	Trichlorofluoromethane	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
Disinfection byproducts (with halog) 446																				
1028	Bromodichloromethane	µg/l	0,1	<	<	<	<	<	0,1	<	<	<	<	13	<	<	<	<	<	0,1
1033	Dibromochloromethane	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1058	Tribromomethane	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<
X-ray contrast agents 340																				
6051	Diatrizoic acid (Amidotrizoic acid)	µg/l	0,1	<		<	<	<	<	<	<	0,1	<	11	<	<	<	<	<	0,1
6053	Iohexol	µg/l	0,1	<	<	<	<	<	<	0,16	0,13	<	<	8	<	*	*	<	*	0,16
6054	Iomeprol	µg/l	0,1	<	<	0,11	0,21		0,37	0,34	0,37	0,42	0,45	10	<	<	0,275	0,242	0,447	0,45
6055	Iopamidol	µg/l	0,1	<	<	<	<	<	<	<	0,14	<	<	9	<	*	*	<	*	0,14
6056	Iopanoic acid	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<
6057	Iopromide	µg/l	0,1	<	<	<	0,14	<	<	0,24	0,25	0,35	0,35	12	<	<	0,14	0,162	0,35	0,35
6058	Iothalamic acid	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
6059	Ioxaglic acid	µg/l	0,1	<	<	<	<	<	<	<	0,1	<	0,1	12	<	<	<	<	0,1	0,1
6233	Iodipamide	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
Antibiotics 310																				
6032	Sulfamethoxazole	µg/l	0,07		<		<			<		<	<	4	<	*	*	<	*	<
6079	Lincomycin	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
Beta-adrenergic blocking agents an 320																				
6048	Sotalol	µg/l			0,034		0,039			0,05		0,026		4	0,026	*	*	0,0373	*	0,05



Luik (M600)

1-1-2015 up to 31-12-2015

sample point code	LUI
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	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																					
2061	Lidocaine	µg/l	0,02		<		<			0,024			<	4	<	*	*	<	*	0,024	
6068	Diclofenac	µg/l	0,02	<	<	<	<	<	<	<	0,135	<		11	<	<	<	0,0327	0,198	0,24	
6071	Ibuprofen	µg/l	0,02	<	0,05	0,03	<	<	0,05	0,05	0,07	0,03		10	<	<	0,04	0,038	0,07	0,07	
6074	Naproxen	µg/l	0,02	<	<	0,03	<	<	<	<	<	<		11	<	<	<	<	0,03	0,03	
6075	Phenazone	µg/l	0,02	<	<	<	<			<				5	<	*	*	<	*	<	
Antidepressiva en verdoevende mid 355																					
V399	enlafaxine	µg/l	0,02		<			0,048		0,038	0,046	<	<	6	<	*	*	0,027	*	0,048	
Various pharmaceuticals 370																					
1613	Caffein	µg/l					0,393			0,421		0,354		3	*	*	*	*	*	*	
1860	Carbamazepine	µg/l	0,03	<	<	<	<	0,034	0,046	0,057	0,044	0,0395	<	13	<	<	<	<	0,053	0,057	
6168	Metformin	µg/l		0,935	0,96	1,06	1,22	1,01	1,11	1,42	1,54	1,84	2,21	13	0,875	0,899	1,11	1,35	2,21	2,21	
6168L	Metformin (load)	g/s		0,633	0,547	0,576	0,463	0,122	0,132	0,0873	0,0978	0,454	0,171	13	0,0873	0,0915	0,171	0,317	0,708	0,758	
V139	3-methyl-4-(2,6,6-trimethyl-2-cyclohe	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
V395	Crotamiton	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
Fragrance, colour and flavour addit 372																					
V394	6-Acetyl-1,1,2,4,4,7-hexamethyltetrali	µg/l	0,04		<		<			0,041			0,053	4	<	*	*	<	*	0,053	
V396	Galaxolide (HHCB)	µg/l	0,03		<		<			0,054			<	4	<	*	*	<	*	0,054	
V397	Musk (keton)	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
V398	Musk (xyleen)	µg/l	0,03		<		<			<			<	4	<	*	*	<	*	<	
Endrocrin disrupting compounds (400																					
1519	Nonylphenol	µg/l	0,02		<		<			<			<	4	<	*	*	<	*	<	
2072	Bisphenol A	µg/l	0,05		<		<			<			<	4	<	*	*	<	*	<	
6703	Activity with respect to 17-beta-estra	ng/l		0,23			0,27					0,32		3	*	*	*	*	*	*	

