

Luik (M600)

1-1-2009 up to 31-12-2009

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		
General compounds		010																				
0112	Water discharge	m3/s	367	514	397	296	250	127	98,2	69,4	53,9	64,1	193	432	361	44	55,1	163	235	520	1220	
0120	Water temperature	°C	4	6,33	10,2	13,5	16,8	20,2	22,8	23	19,7	15,2	12,7	7,82	51	1,7	5,58	14,4	14,5	22,6	24,6	
0122	Oxygen	mg/l	12,7	12,7	10,7	9,78	8,43	7,03	5,88	5,6	5,32	6,78	9,1	11,1	50	4,9	5,13	8,7	8,73	13,1	13,7	
0123	Oxygen saturation	%	96,3	102	93	88,1	78,3	65,1	53,2	50,6	49,4	62,4	82	91,6	50	45,7	47,6	79,4	75,8	100	108	
0128	Suspended matter	mg/l	4	29,7	16	9	<	17	4,5	<	<	<	5,5	79	27	<	<	6	17,3	35,8	176	
0180	pH	pH	8,06	7,93	8,08	7,98	8,18	7,85	7,8	7,73	7,73	7,85	8,02	8,07	51	7,49	7,72	7,93	7,93	8,16	8,74	
0200	Conductivity (at 20 °C)	mS/m	32	42	46,9	49,7	41,6	43,6	51,3	51,5	62,7	71,5	64,2	53,2	51	<	39,3	51,8	51,8	68,6	76,1	
0251	Total hardness, 0.45 µm filtrate	mmol/l	1,94	2,15	1,96	1,61	1,55	1,85	1,89	2,13	2,22	2,12	1,91	1,45	24	1,28	1,45	1,91	1,89	2,19	2,29	
0252	temporal hardness	mmol/l	2,67	2,87	3,14	2,61	2,73	2,88	2,93	3,15	3,37	3,16	3,08	2,45	51	1,77	2,32	3,03	2,92	3,35	3,45	
Inorganic compounds		030																				
0222	Bicarbonate	mg/l	163	175	192	160	167	176	179	192	206	193	188	149	51	108	141	185	178	204	211	
0230	Chloride	mg/l	31	31	29	23,3	27,3	39	40,2	53,8	69,6	57,8	38	24,4	51	18	20,2	35	39	64,8	84	
0230L	Chloride (load)	kg/s	10,2	21,3	11,2	6,93	9,78	5,3	4,02	3,75	3,63	3,8	7,42	51	1,84	3,27	5,97	7,97	18,2	43,7		
0232	Sulfate	mg/l	32	30,5	32,8	29	30,8	39,3	39,4	55,3	70,2	62	46	29,2	51	21	27,2	36	41,6	67,8	76	
0288	Silicate	mg/l	3,29	3,36	2,47	2,38	3,19	2,86	3,1	2,6	2,68	3,3	3,05	3,63	13	2,38	2,42	3,05	3,02	3,6	3,63	
0382	Fluoride	mg/l	0,237	0,218	0,293	0,16	0,273	0,408	0,104	0,513	0,828	0,455	0,413	0,206	50	0,09	0,11	0,225	0,346	0,834	1,07	
0386	Cyanide, total	µg/l	15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
Nutrients		040																				
0271	Ammonium (NH4)	mg/l	0,4	0,263	0,273	0,285	0,29	0,448	0,49	0,673	0,97	0,783	0,345	0,194	50	0,12	0,191	0,375	0,453	0,763	1,96	
0281	Nitrite-NO2	mg/l	0,095	0,085	0,105	0,11	0,145	0,16	0,283	0,185	0,235	0,135	0,11	0,0767	26	0,07	0,077	0,125	0,147	0,279	0,32	
0283	Nitrate-NO3	mg/l	15,6	16,8	15,6	13,9	13,3	13,1	11,5	11,5	12,6	13,2	12,5	15,1	50	10,8	11,4	13,3	13,6	16,6	17,5	
0284D	Orthophosphate (PO4)	mg/l	0,09	0,296	0,132	0,226	0,324	0,337	0,725	0,473	0,571	0,811	0,69	0,499	51	<	0,187	0,405	0,451	0,776	1,62	
0286D	Total phosphate (PO4)	mg/l	0,767	0,784	<	<	<	<	1,18	<	<	1,07	1,05	0,871	26	<	<	0,803	0,78	1,26	1,98	
Group compounds		070																				
0401	Total organic carbon (TOC)	mg/l	4,68	4,63	4,68	5,13	6,08	4,63	5,78	5,65	5,04	5,48	5,78	6,26	50	3,4	4,1	5,3	5,34	6,7	8,4	



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Summend compounds																						
080																						
0451	Trihalomethanes, total	µg/l	12,4		0,33	29,1		0,48	0,27	0,26	0,36		1,14	0,21	9	0,21	*	*	4,95	*	29,1	
0459	PAH, total (6 of Borneff)	µg/l											0,0942	1	*	*	*	*	*	*	*	
0461		µg/l											0,166	1	*	*	*	*	*	*	*	
8671	Pesticides (total)	µg/l	0,573	0,273	0,313		0,18	0,25	0,586	0,753	0,635	0,503	0,3	0,114	43	0,034	0,084	0,398	0,411	0,896	1,05	
V328	Endosulfan (sum of 3 isomers)	µg/l	0,015										<	1	*	*	*	*	*	*	*	
V329	Trichlorobenzenes (sum of 3 isomer	µg/l	0,3	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<	
Biological compounds																						
090																						
0627	Coliform bacteria, thermotolerant (44	n/ml	73	51,5	50	40,5	59,5	43,5	41,7	25	14	48,5	142	61,3	26	11	15,5	42	54	105	180	
0657	Enterococci	n/ml	8,7	11,8	6,75	2,26	5,15	3,8	1,6	1,3	1,25	5,85	14,1	9,7	26	0,6	1,01	5,35	5,99	13,7	16,5	
Hydrobiological compounds																						
095																						
7100	Chlorophyll-a	µg/l	1,6	2,63	3,28	3,83	3,27	1,73	2,96	2,88	<	<	<	<	45	<	<	2,1	2,21	3,94	6,1	
7110	Phaeophytine	µg/l	0,1	0,617	1,03	2,68	2	0,425	0,89	0,825	0,45	0,65	0,85	2,59	45	<	<	0,7	1,17	3,3	5,2	
Metals																						
050																						
0240	Sodium	mg/l	18	21	20	15,5	15,5	24,5	29	46	45	40	35	14	26	11	13	24,5	26,7	46,3	50	
0242	Potassium	mg/l	5,1	3,55	3,8	4,9	3,45	3,9	4,5	6,45	5,5	6,65	5,1	3,9	26	3	3,47	4,3	4,74	6,59	8,2	
0300	Iron	mg/l	3,5	0,33	0,29	0,36	1,24	0,3	0,21	0,21	0,18	0,22	0,34	6,47	12	0,18	0,189	0,315	1,14	5,58	6,47	
0304	Manganese	mg/l	0,059	0,0545	0,044	0,038	0,067	0,052	0,068	0,0715	0,059	0,0465	0,041	0,206	25	0,026	0,0294	0,052	0,0675	0,0904	0,344	
0310	Aluminium	µg/l		266	114										2	*	*	*	*	*	*	
0312	Antimony	µg/l	1	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
0314	Arsenic	µg/l	1,5	<	<	<	<	<	<	<	<	<	<	2,25	26	<	<	<	<	1,69	3,4	
0316	Barium	µg/l		21		21	28		23	24	22	24	21	49	9	21	*	*	25,9	*	49	
0324	Cadmium	µg/l	0,1	0,21	0,125	0,175	0,155	0,155	<	<	0,105	<	0,105	0,23	25	<	<	0,15	0,158	0,276	0,57	
0326	Chromium	µg/l	2	4,63	7	4,5	3,7	<	<	<	<	2,65	<	9,9	25	<	<	<	3,41	10,4	16,2	
0330	Copper	µg/l	5	<	6	<	<	5,75	<	<	6,25	<	<	7,25	26	<	<	<	<	9,3	12	
0332	Mercury	µg/l	0,06	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	
0334	Lead	µg/l	1	5,83	3,15	2,75	1,95	2,5	1,05	1,57	1,35	1,9	1,45	2,15	26	<	1,1	1,9	3,03	6,27	16,9	
0340	Nickel	µg/l	10	<	<	<	<	<	<	<	<	<	<	<	25	<	<	<	<	<	11,9	
0342	Selenium	µg/l	2	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
0354	Zinc	µg/l	20	31	24,2	39,5	21	23	<	23,3	<	24	25,5	25,5	26	<	<	25,5	27,5	46,9	97	
Metals, after filtration																						
055																						
0245	Calcium, 0.45 µm filtrate	mg/l	65,5	74	67,5	54	51,5	62	62,7	69,5	73,5	69	63,5	49,5	24	42	49,5	63,5	63	74	76	
0248	Magnesium, 0.45 µm filtrate	mg/l	7,25	7,1	6,5	6,45	6,3	7,3	7,67	9,4	9,4	9,1	7,6	4,95	24	4,9	5,35	7,3	7,44	9,55	9,7	
0302	Iron, 0.45 µm filtrate	mg/l	0,01	0,025	0,01	0,01			<					5	<	*	*	0,015	*	*	0,03	
0308	Iron, 0.45 µm filtrate	µg/l	10	25	10	10			<					5	<	*	*	15	*	*	30	
0311	Aluminium, 0.45 µm filtrate	µg/l	27	11	15	23,5	20,5	14,5	12,7	43,5	12,5	14,5	17,5	19,5	23	4	11	16	19	26,2	71	

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.

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Complex buiders	060																			
0422	Cation-Active Detergents	mg/l	0,1		<			<					<	3	*	*	*	*	*	*
0424	Non-ionic Surfactants	mg/l	0,1		<			<					<	3	*	*	*	*	*	*
1793	Nitrilotriacetic acid (NTA)	µg/l	5		6			<					<	3	*	*	*	*	*	*
1794	Ethylenediaminetetraacetic acid (ED	µg/l	5		<			<					<	3	*	*	*	*	*	*
1794L	Ethylenediaminetetraacetic acid (ED	g/s			1,08			0,21					0,808	3	*	*	*	*	*	*
2003	Diethylenetriaminepentaacetic acid (µg/l	5		<			<					<	3	*	*	*	*	*	*
2097	Tetraacetythylenediamine (TAED)	µg/l	0,1		0,33			<					0,17	3	*	*	*	*	*	*



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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 cyclic aromatic hydrocarb 170																					
1074	Benzene	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<
1075	Butylbenzene	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1080	1,2-Dimethylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1088	Ethylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1089	Ethylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1098	Methylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1106	Propylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1112	Chlorobenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1115	2-Chloromethylbenzene	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1119	1,2-Dichlorobenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1120	1,3-Dichlorobenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1121	1,4-Dichlorobenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1127	Pentachlorobenzene	µg/l	0,01											3	*	*	*	*	*	*	*
1128	1,2,3,4-Tetrachlorobenzene	µg/l	0,01											3	*	*	*	*	*	*	*
1130R	1,2,3,5- and 1,2,4,5-Tetrachlorobenz	µg/l	0,02											3	*	*	*	*	*	*	*
1131	1,2,3-Trichlorobenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<
1132	1,2,4-Trichlorobenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<
1133	1,3,5-Trichlorobenzene	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1797	Isopropylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1832	1,3,5-Trimethylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1951	1,2,4-Trimethylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1959	4-Chloromethylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1960	1-Methyl-4-isopropylbenzene	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1983	1-Chloro-4-nitrobenzene	µg/l	0,01											3	*	*	*	*	*	*	*
1998	t-Butylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
2014	Bromobenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
2039	1,3- and 1,4-Dimethylbenzene	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<
2064	s-Butylbenzene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<
2121	1-Chloro-2,4-dinitrobenzene	µg/l	0,01											3	*	*	*	*	*	*	*
2124	1-Chloro-2-nitrobenzene	µg/l	0,01											3	*	*	*	*	*	*	*
2125	1-Chloro-3-nitrobenzene	µg/l	0,01											3	*	*	*	*	*	*	*
V329	Trichlorobenzenes (sum of 3 isomer	µg/l	0,3	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<

maandag 15 juli 2013

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Poly cyclic aromatic hydrocarbo 180																				
1161	Acenaphthene	µg/l	0,025											<	1	*	*	*	*	*
1162	Acenaphthylene	µg/l	0,025											<	1	*	*	*	*	*
1163	Anthracene	µg/l	0,025											<	1	*	*	*	*	*
1165	Benzo(a)anthracene	µg/l	0,025											<	1	*	*	*	*	*
1166	Benzo(b)fluoranthene	µg/l	0,025											<	1	*	*	*	*	*
1167	Benzo(k)fluoranthene	µg/l	0,025											<	1	*	*	*	*	*
1168	Benzo(ghi)perylene	µg/l	0,025											<	1	*	*	*	*	*
1169	Benzo(a)pyrene	µg/l											0,0113	1	*	*	*	*	*	*
1172	Chrysene	µg/l	0,025											<	1	*	*	*	*	*
1173	Dibenzo(a,h)anthracene	µg/l	0,025											<	1	*	*	*	*	*
1180	Phenanthrene	µg/l	0,025											<	1	*	*	*	*	*
1181	Fluoranthene	µg/l											0,0329	1	*	*	*	*	*	*
1182	Fluorene	µg/l	0,025											<	1	*	*	*	*	*
1183	Indeno(1,2,3-cd)pyrene	µg/l	0,025											<	1	*	*	*	*	*
1188	Pyrene	µg/l											0,0332	1	*	*	*	*	*	*
1965	1-Chloronaphthalene	µg/l	0,01				<							<	3	*	*	*	*	*
2040	2-Chloronaphthalene	µg/l	0,01				<							<	3	*	*	*	*	*
8023	Anthraquinone	µg/l	0,01				<							<	3	*	*	*	*	*
8450	Naphthalene	µg/l	0,15	<	<		<	<	<	<	<	0,15		<	12	<	<	<	<	<
V137	2-amino-3-chloro-1,4-naphthoquinon	µg/l	0,01				<							<	3	*	*	*	*	*



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Organochlorine pesticides		200																		
8006	Aldrin	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8162	o,p-DDD	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8163	p,p-DDD	µg/l	0,02				<			<			<	3	*	*	*	*	*	*
8164	o,p-DDE	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8165	p,p-DDE	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8166	o,p-DDT	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8167	p,p-DDT	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8189	Dichlobenil	µg/l	0,01	<			<			<			<	4	<	*	*	<	*	<
8199	2,6-Dichlorobenzamide (BAM)	µg/l	0,04		<		<			<		<	<	10	<	<	<	<	<	<
8217	Dieldrin	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8263	alpha-Endosulfan	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8264	beta-Endosulfan	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8265	Endosulfansulfate	µg/l	0,01				<			<			<	1	*	*	*	*	*	*
8268	Endrin	µg/l	0,01				<			<			<	2	*	*	*	*	*	*
8358	Heptachlor	µg/l	0,01				<			<			<	2	*	*	*	*	*	*
8359	Heptachloroepoxide	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8361	Hexachlorobenzene (HCB)	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8362	alpha-Hexachlorocyclohexane (alpha)	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8363	beta-Hexachlorocyclohexane (beta)	µg/l	0,02				<			<			<	3	*	*	*	*	*	*
8379	Isodrin	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8393	Lindane (gamma-HCH)	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8428	Methoxychlor	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8533	Quintocene	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8556	Tecnazene	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8560	Telodrin	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8629	delta-Hexachlorocyclohexane (delta)	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8631	trans-Heptachlorepoide	µg/l	0,01				<			<			<	1	*	*	*	*	*	*
8640	cis-Chlordane	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
8641	trans-Chlordane	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
V328	Endosulfan (sum of 3 isomers)	µg/l	0,015				<			<			<	1	*	*	*	*	*	*



Luik (M600)

1-1-2009 up to 31-12-2009

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				<							<	3	*	*	*	*	*	*
8029	Azinphos-methyl	µg/l	0,02				<							<	2	*	*	*	*	*	*
8044	Bentazon	µg/l	0,06	<	<		<	<	<	<	<	<	<	<	12	<	<	<	<	<	<
8059	Bromophos-methyl	µg/l	0,01				<							<	3	*	*	*	*	*	*
8060	Bromophos-ethyl	µg/l	0,01				<							<	2	*	*	*	*	*	*
8108	Chlorfenvinphos	µg/l	0,01				<							<	3	*	*	*	*	*	*
8112	Chlorpyriphos-methyl	µg/l	0,01				<							<	3	*	*	*	*	*	*
8136	Coumaphos	µg/l	0,01				<							<	3	*	*	*	*	*	*
8185	Diazinon	µg/l	0,01				<							<	3	*	*	*	*	*	*
8188	Dicamba	µg/l	0,06			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8238	Dimethoate	µg/l	0,01				<							<	3	*	*	*	*	*	*
8255	Disulfoton	µg/l	0,05				<							<	1	*	*	*	*	*	*
8281	Ethoprophos	µg/l	0,01				<							<	3	*	*	*	*	*	*
8298	Fenitrothion	µg/l	0,01				<							<	3	*	*	*	*	*	*
8309	Fenthion	µg/l	0,01				<							<	1	*	*	*	*	*	*
8335	Fonofos	µg/l	0,01				<							<	3	*	*	*	*	*	*
8354	Glyphosate	µg/l	0,03	<	0,04		0,05	0,11	0,28	0,18	0,16	<	0,24	0,15	12	<	<	0,085	0,111	0,268	0,28
8354L	Glyphosate (load)	g/s		0,008	0,0174		0,0175	0,0334	0,0528	0,0151	0,0124	0,000669	0,017	0,0269	12	0,00669	0,0268	0,0172	0,0189	0,047	0,0528
8360	Heptenophos	µg/l	0,01				<							<	3	*	*	*	*	*	*
8396	Malathion	µg/l	0,01				<							<	3	*	*	*	*	*	*
8423	Methidathion	µg/l	0,01				<							<	3	*	*	*	*	*	*
8439	Mevinphos	µg/l	0,01				<							<	3	*	*	*	*	*	*
8482	Parathion-ethyl	µg/l	0,01				<							<	1	*	*	*	*	*	*
8483	Parathion-methyl	µg/l	0,01				<							<	3	*	*	*	*	*	*
8501	Pirimiphos-methyl	µg/l	0,01				<							<	3	*	*	*	*	*	*
8566	Terbufos	µg/l	0,02				<							<	1	*	*	*	*	*	*
8590	Tolclofos-methyl	µg/l	0,01				<							<	3	*	*	*	*	*	*
8600	Triazophos	µg/l	0,01				<							<	2	*	*	*	*	*	*
8632	Aminomethylphosphonic acid (AMP)	µg/l	0,14	0,12		0,26	0,34	0,75	1	1,2	2,4	1,4	1,6	0,3	13	0,12	0,12	0,34	0,762	2,08	2,4
8632L	Aminomethylphosphonic acid (AMP)	g/s		0,0493	0,0523		0,0917	0,103	0,141	0,084	0,093	0,107	0,0994	0,287	13	0,0295	0,0386	0,0954	0,104	0,228	0,287
8642	cis-Chlorfenvinphos	µg/l	0,01				<							<	3	*	*	*	*	*	*
8652	Chlorpyriphos	µg/l	0,01				0,022							<	3	*	*	*	*	*	*

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)

1-1-2009 up to 31-12-2009

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	<	<	<	<	<	<	<	<	<	<	50	<	<	<	<	<	<
8127	Chloridazon	µg/l	0,03	<	<	<	0,0525	<	<	<	<	<	<	50	<	<	<	<	<	0,1
8392	Lenacil	µg/l	0,025				<					<	<	9	<	*	*	<	*	<
Carbamate herbicides 260																				
8003	Aldicarb	µg/l	0,05									<	<	6	<	*	*	<	*	<
8078	Carbetamide	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	<	0,03
8082	Carbofuran	µg/l	0,03									<	<	8	<	*	*	<	*	<
8425	Methomyl	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	<	<
8499	Pirimicarb	µg/l	0,01									<	<	3	*	*	*	*	*	*
8626	Chlorpropham	µg/l	0,01				0,031					<	<	3	*	*	*	*	*	*
Biocides 285																				
8079	Carbendazim	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	<	0,07
8169	Diethyltoluamide (DEET)	µg/l					0,014			0,074			0,025	3	*	*	*	*	*	*
8209	Dichlorvos	µg/l	0,01				<			<				2	*	*	*	*	*	*
Benzimidazole Fungicides 470																				
8079	Carbendazim	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	<	0,07
Unclassified Fungicides 520																				
8590	Tolclofos-methyl	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
Chlorophenoxy herbicides 230																				
8150	2,4-Dichlorophenoxyacetic acid (2,4-	µg/l	0,06	<	<		<	<	<	<	<	<	<	13	<	<	<	<	<	<
8151	4-(2,4-Dichlorophenoxy)butanoic aci	µg/l	0,06	<	<		<		<	<	<	<	<	10	<	<	<	<	<	<
8204	2,4-Dichlorprop (2,4-DP)	µg/l	0,06	<	<		<	<	<	<	<	<	<	13	<	<	<	<	<	<
8330	Fluroxypyr	µg/l	0,06	<	<		<		<	<	<	<	<	11	<	<	<	<	<	<
8401	4-Chloro-2-methylphenoxyacetic aci	µg/l	0,06	<	<		<		<	<	<	<	<	10	<	<	<	<	<	<
8402	4-(4-Chloro-2-methylphenoxy)butano	µg/l	0,06	<	<		<		<	<	<	<	<	11	<	<	<	<	<	<
8404	Mecoprop (MCP)	µg/l	0,06	<	<		<	<	<	<	<	<	<	12	<	<	<	<	<	<
8551	2,4,5-Trichlorophenoxyacetic acid (2,	µg/l	0,06	<	<		<	<	<	<	<	<	<	12	<	<	<	<	<	<
8593	2-(2,4,5-Trichlorophenoxy)propionic	µg/l	0,06	<	<		<	<	<	<	<	<	<	12	<	<	<	<	<	<



Luik (M600)

1-1-2009 up to 31-12-2009

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	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8122	Chlortoluron	µg/l	0,03	0,0462	0,035	<	<	0,04	<	<	<	<	0,0476	0,0444	50	<	<	<	<	0,0681	0,14
8229	Diflubenzuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8233	Dimefuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8258	Diuron	µg/l	0,04	<	<	<	<	<	0,0433	0,074	0,0625	0,048	<	<	49	<	<	<	<	0,07	0,09
8382	Isoproturon	µg/l	0,03	<	<	<	0,0875	0,0537	<	<	<	<	0,0504	<	51	<	<	<	0,031	0,0694	0,15
8394	Linuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	<	0,04
8418	Methabenzthiazuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	<	<
8434	Metobromuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	<	0,05
8436	Metoxuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	48	<	<	<	<	<	<
8446	Monolinuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	<	<
Dinitrophenol herbicides		250																			
8248	Dinoseb (2-sec.butyl-4,6-dinitrophen	µg/l	0,06	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
Phenoxy Herbicides		550																			
8150	2,4-Dichlorophenoxyacetic acid (2,4-	µg/l	0,06	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8151	4-(2,4-Dichlorophenoxy)butanoic aci	µg/l	0,06	<	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8204	2,4-Dichloroprop (2,4-DP)	µg/l	0,06	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8401	4-Chloro-2-methylphenoxyacetic aci	µg/l	0,06	<	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8402	4-(4-Chloro-2-methylphenoxy)butano	µg/l	0,06	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<
8404	Mecoprop (MCP)	µg/l	0,06	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<
Amide Herbicides		560																			
8522	Propyzamide	µg/l	0,01				<			<			0,027	3	*	*	*	*	*	*	*
8682	Dimethenamid	µg/l	0,05				<			<			<	11	<	<	<	<	<	<	<
Anilide Herbicides		570																			
8417	Metazachlor	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	<	0,049
Chloroacetanilide Herbicides		580																			
8002	Alachlor	µg/l	0,01				<			<			<	3	*	*	*	*	*	*	*
8513	Propachlor	µg/l	0,01		<		<			<			<	4	<	*	*	<	*	<	<
(Bis-)Carbamate Herbicides		590																			
8078	Carbetamide	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	<	0,03
8626	Chlorpropham	µg/l	0,01				0,031			<			<	3	*	*	*	*	*	*	*
Dinitroaniline Herbicides		600																			
8488	Pendimethalin	µg/l	0,01				<			<			<	3	*	*	*	*	*	*	*



Luik (M600)

1-1-2009 up to 31-12-2009

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	0,0462	0,035	<	<	0,04	<	<	<	<	0,0476	0,0444	50	<	<	<	0,0681	0,14		
8258	Diuron	µg/l	0,04	<	<	<	<	<	0,0433	0,074	0,0625	0,048	<	<	49	<	<	<	0,07	0,09		
8382	Isoproturon	µg/l	0,03	<	<	<	0,0875	0,0537	<	<	<	<	0,0504	<	51	<	<	0,031	0,0694	0,15		
8394	Linuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	0,04		
8418	Methabenzthiazuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	<		
8434	Metobromuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	0,05		
8436	Metoxuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	48	<	<	<	<	<		
Triazin Herbicides 635																						
8026	Atrazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	50	<	<	<	0,03	0,03		
8138	Cyanazine	µg/l	0,04	<	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	<		
8366	Hexazinone	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<		
8415	Metamitron	µg/l	0,03	<	<	<	<	0,0312	<	<	<	<	<	<	50	<	<	<	<	0,08		
8435	Metolachlor	µg/l	0,03	<	<	<	<	0,0362	0,0433	<	<	<	<	<	50	<	<	<	0,04	0,06		
8437	Metribuzin	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	3	*	*	*	*	*		
8512	Prometryn	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<		
8517	Propazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<		
8547	Simazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	48	<	<	<	<	<		
8567	Terbutryne	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	49	<	<	<	<	<		
8568	Terbutylazine	µg/l	0,03	<	<	<	<	<	0,0383	0,072	0,0475	<	<	0,0316	<	50	<	<	<	0,0591	0,12	
Uracil Herbicides 615																						
8392	Lenacil	µg/l	0,025	<	<	<	<	<	<	<	<	<	<	<	9	<	*	*	<	*		
Unclassified Herbicides 645																						
8044	Bentazon	µg/l	0,06	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<		
8127	Chloridazon	µg/l	0,03	<	<	<	0,0525	<	<	<	<	<	<	<	50	<	<	<	<	0,1		
8188	Dicamba	µg/l	0,06	<	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<		
8189	Dichlobenil	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*		
8280	Ethofumesat	µg/l	0,01	<	<	<	<	0,015	<	<	<	<	<	<	4	<	*	*	<	*	0,015	
8330	Fluroxypyr	µg/l	0,06	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<		
8354	Glyphosate	µg/l	0,03	<	0,04	<	0,05	0,11	0,28	0,18	0,16	<	0,24	0,15	12	<	<	0,085	0,111	0,268	0,28	
8354L	Glyphosate (load)	g/s	0,008	0,0174	<	0,0175	0,0334	0,0528	0,0151	0,0124	0,000669	0,017	0,0269	12	0,00669	0,00268	0,0172	0,0189	0,047	0,0528		
8612	Trifluralin	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	3	*	*	*	<	*		
8686	Sebutylazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<		
V137	2-amino-3-chloro-1,4-naphthoquinon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	3	*	*	*	<	*		
Physiological plant growth regulato 950																						
1689		µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	3	*	*	*	<	*		

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)

1-1-2009 up to 31-12-2009

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 plant growth regulator 952																					
8436	Metoxuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	48	<	<	<	<	<	<
8491	Pentachlorophenol	µg/l	0,03												1	*	*	*	*	*	*
Anti-sprouting products 960																					
8626	Chlorpropham	µg/l	0,01				0,031			<			<		3	*	*	*	*	*	*
Carbamate Insecticides 660																					
8082	Carbofuran	µg/l	0,03				<					<	<		8	<	*	*	<	*	<
8499	Pirimicarb	µg/l	0,01				<			<			<		3	*	*	*	*	*	*
Organophosphorus Insecticides 670																					
8029	Azinphos-methyl	µg/l	0,02				<						<		2	*	*	*	*	*	*
8112	Chlorpyriphos-methyl	µg/l	0,01				<			<			<		3	*	*	*	*	*	*
8136	Coumaphos	µg/l	0,01				<			<			<		3	*	*	*	*	*	*
8185	Diazinon	µg/l	0,01				<			<			<		3	*	*	*	*	*	*
8209	Dichlorvos	µg/l	0,01				<			<			<		2	*	*	*	*	*	*
8238	Dimethoate	µg/l	0,01				<			<			<		3	*	*	*	*	*	*
8281	Ethoprophos	µg/l	0,01				<			<			<		3	*	*	*	*	*	*
8298	Fenitrothion	µg/l	0,01				<			<			<		3	*	*	*	*	*	*
8396	Malathion	µg/l	0,01				<			<			<		3	*	*	*	*	*	*
8501	Pirimiphos-methyl	µg/l	0,01				<			<			<		3	*	*	*	*	*	*
8652	Chlorpyriphos	µg/l	0,01				0,022			<			<		3	*	*	*	*	*	*
Benzoylurea Insecticides 690																					
8229	Diflubenzuron	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	47	<	<	<	<	<	<
Unclassified Insecticides 710																					
8425	Methomyl	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	51	<	<	<	<	<	<
8692	Pyriproxyphen	µg/l	0,01				<			<			<		3	*	*	*	*	*	*
Nematicides 860																					
1784	cis-1,3-Dichloropropene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1785	trans-1,3-Dichloropropene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8186	Dibromochloropropane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<
Pesticide metabolites 954																					
8176	Desethylatrazine	µg/l	0,03	<	<	<	<	<	0,0337	0,035	<	<	<	<	51	<	<	<	<	0,04	0,04
8178	Desisopropylatrazine	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	50	<	<	<	<	<	<
8681	Desethylterbutylazine	µg/l	0,07				<			<			<		11	<	<	<	<	<	<



Luik (M600)

1-1-2009 up to 31-12-2009

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				<			<			<	3	*	*	*	*	*	*		
2272	2-(methylthio)benzothiazole	µg/l					0,073			0,086			0,017	3	*	*	*	*	*	*		
8280	Ethofumesat	µg/l	0,01		<		0,015			<			<	4	<	*	*	<	*	0,015		
8373	Imazalil	µg/l	0,03			<	<			<		<	<	11	<	<	<	<	<	<		
8497	Piperonylbutoxid	µg/l	0,01				<			0,015			<	3	*	*	*	*	*	*		
8522	Propyzamide	µg/l	0,01				<			<			0,027	3	*	*	*	*	*	*		
8682	Dimethenamid	µg/l	0,05			<	<			<		<	<	11	<	<	<	<	<	<		
8692	Pyriproxyphen	µg/l	0,01				<			<			<	3	*	*	*	*	*	*		
Ethers 302																						
1428	Diisopropylether	µg/l	0,15	4,61	1,41	3,68	<	2,44	3,01	<	0,59		8,69	<	2,59	12	<	<	1,93	2,65	9,01	9,14
2043	Methyl-tert.-butylether (MTBE)	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
2168	Ethyl-tert.-butylether (ETBE)	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
Fuel additives 303																						
2043	Methyl-tert.-butylether (MTBE)	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
2086	1,2-Dibromoethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
2168	Ethyl-tert.-butylether (ETBE)	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
Various organic substances 305																						
1405	Dibenzopyridin (Acridin)	µg/l	0,01				<			0,011			<	3	*	*	*	*	*	*		
1764	Tributylphosphate	µg/l								0,032				1	*	*	*	*	*	*		
2062	4,4'-Sulfonyldiphenol	µg/l	0,08	0,538	0,228	0,43	0,162	<	0,207	0,36	0,405	0,667	0,424	0,303	<	42	<	<	0,315	0,319	0,735	0,97
8442	Mineral oil	µg/l	220				<							1	*	*	*	*	*	*		
8625	Carbon disulfide	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<		



Luik (M600)

1-1-2009 up to 31-12-2009

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	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1040	1,2-Dichloroethane	µg/l	0,2	0,525	0,24	<	<	0,25	<	<	<	<	<	<	11	<	<	<	0,204	0,81	0,95	
1044	Dichloromethane	µg/l	0,5	<	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
1049	Hexachlorobutadiene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
1056	Tetrachloroethene	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
1057	Tetrachloromethane	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
1063	Trichloroethene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
1064	Trichloromethane	µg/l	0,2	6,23	<	0,33	29,1	<	0,48	0,27	0,26	0,36	<	1,14	0,21	13	<	<	0,27	3,46	22,4	29,1
1070	1,2,3-Trichloropropane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
1828	cis-1,2-Dichloroethene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
1829	trans-1,2-Dichloroethene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
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	<	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
8205	1,2-Dichloropropane	µg/l	0,2	0,415	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	0,478	0,73	
industrial chemicals (with arom. nit		434																				
1705	3-Chloroaniline	µg/l	0,01					<							1	*	*	*	*	*	*	*
1708	2,3-Dichloroaniline	µg/l	0,01					<							3	*	*	*	*	*	*	*
1709	2,5-Dichloroaniline	µg/l	0,01					<							3	*	*	*	*	*	*	*
8196	2,6-Dichloroaniline	µg/l	0,01					<							3	*	*	*	*	*	*	*
V141	N-ethyltoluene-4-sulphonamide	µg/l	0,01					<							3	*	*	*	*	*	*	*
V142	N-methylbenzenesulphonamide	µg/l	0,01					<							3	*	*	*	*	*	*	*
Industrial chemicals (with volatile h		437																				
1035	Dibromomethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
1039	1,1-Dichloroethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
1041	1,1-Dichloroethene	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
1050	Hexachloroethane	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
1061	1,1,1-Trichloroethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
1062	1,1,2-Trichloroethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
1962	Chloroethene	µg/l	0,5	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
2016	Chloromethane	µg/l	0,5	<	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
2086	1,2-Dibromoethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8206	1,3-Dichloropropane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
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.
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Luik (M600)

1-1-2009 up to 31-12-2009

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				<			<			<	3	*	*	*	*	*	*
1244	2,5,2',5'-Tetrachlorobiphenyl (PCB 5)	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
1293	2,4,5,2',5'-Pentachlorobiphenyl (PCB	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
1310	2,4,5,3',4'-Pentachlorobiphenyl (PCB	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
1330	2,3,4,2',4',5'-Hexachlorobiphenyl (PC	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
1345	2,4,5,2',4',5'-Hexachlorobiphenyl (PC	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
1372	2,3,4,5,2',4',5'-Heptachlorobiphenyl (µg/l	0,01				<			<			<	3	*	*	*	*	*	*
Industrial chemicals (with anilides) 442																				
1414	Methylchinolin	µg/l	0,01				0,011			<			<	3	*	*	*	*	*	*
V143	Phenanthridine	µg/l	0,01				<			<			<	3	*	*	*	*	*	*
Cooling agents 430																				
2017	Dichlorodifluoromethane	µg/l	5	<			<	<	<	<	<	<	<	9	<	*	*	<	*	<
2019	Trichlorofluoromethane	µg/l	0,15	<	<		<	<	<	<	<	<	<	11	<	<	<	<	<	<
Disinfection byproducts 446																				
1028	Bromodichloromethane	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1033	Dibromochloromethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1058	Tribromomethane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
X-ray contrast agents 340																				
6232	Diatrizoic Acid	µg/l	0,01				<		0,02				0,04	3	*	*	*	*	*	*
6233	Iodipamide	µg/l	0,01				<							1	*	*	*	*	*	*
6234	Iohexol	µg/l	0,01				<		<				<	3	*	*	*	*	*	*
6235	Iomeprol	µg/l	0,01				<		<				<	3	*	*	*	*	*	*
6236	Iopamidol	µg/l	0,01				<		<				<	3	*	*	*	*	*	*
6237	Iopanoic acid	µg/l	0,01				<		<				<	3	*	*	*	*	*	*
6238	Iopromide	µg/l	0,01				<		<				0,01	3	*	*	*	*	*	*
6239	Iothalamic acid	µg/l	0,01				<		<				<	3	*	*	*	*	*	*
6240	Ioxaglic acid	µg/l	0,1				<		<				<	3	*	*	*	*	*	*
6241	Ioxitalamic acid	µg/l	0,01				<		<				<	3	*	*	*	*	*	*
Antibiotics 310																				
6032	Sulfamethoxazole	µg/l	0,01					0,01	0,02		0,03	0,02	<	5	<	*	*	0,017	*	0,03
Analgesic and anti-inflammatory dr 350																				
6249	Diclofenac	µg/l	0,01	<	<		<	<	<		0,03	<	0,01	11	<	<	<	<	0,026	0,03
6252	Ibuprofen	µg/l	0,01	0,03	0,04		0,05	0,04	0,08	0,07	0,1		0,13	11	<	<	0,04	0,0577	0,124	0,13
6255	Naproxen	µg/l	0,02				0,02		0,02	0,03			0,05	5	<	*	*	0,026	*	0,05

maandag 15 juli 2013

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Luik (M600)

1-1-2009 up to 31-12-2009

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 pharmaceuticals		370																		
1613	Caffein	µg/l				0,89								1	*	*	*	*	*	*
1661	methyl salicylate	µg/l	0,01				<			<				2	*	*	*	*	*	*
1860	Carbamazepine	µg/l				0,02	0,037	0,015		0,019	0,049	0,059	0,011	7	0,011	*	*	0,03	*	0,059
V139	3-methyl-4-(2,6,6-trimethyl-2-cyclohe	µg/l	0,01				<			<				3	*	*	*	*	*	*
V140		µg/l	0,01				0,016							2	*	*	*	*	*	*
food supplement		375																		
V138	4'-methoxyacetophenone	µg/l	0,01										<	1	*	*	*	*	*	*
Endocrin disrupting compounds (400																		
6703	Activity with respect to 17-beta-estra	ng/l				0,88		0,77					0,33	3	*	*	*	*	*	*
unspecified substances		980																		
1047	2,2-Dichloropropane	µg/l	0,15	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
2013	1,1-Dichloropropene	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<

