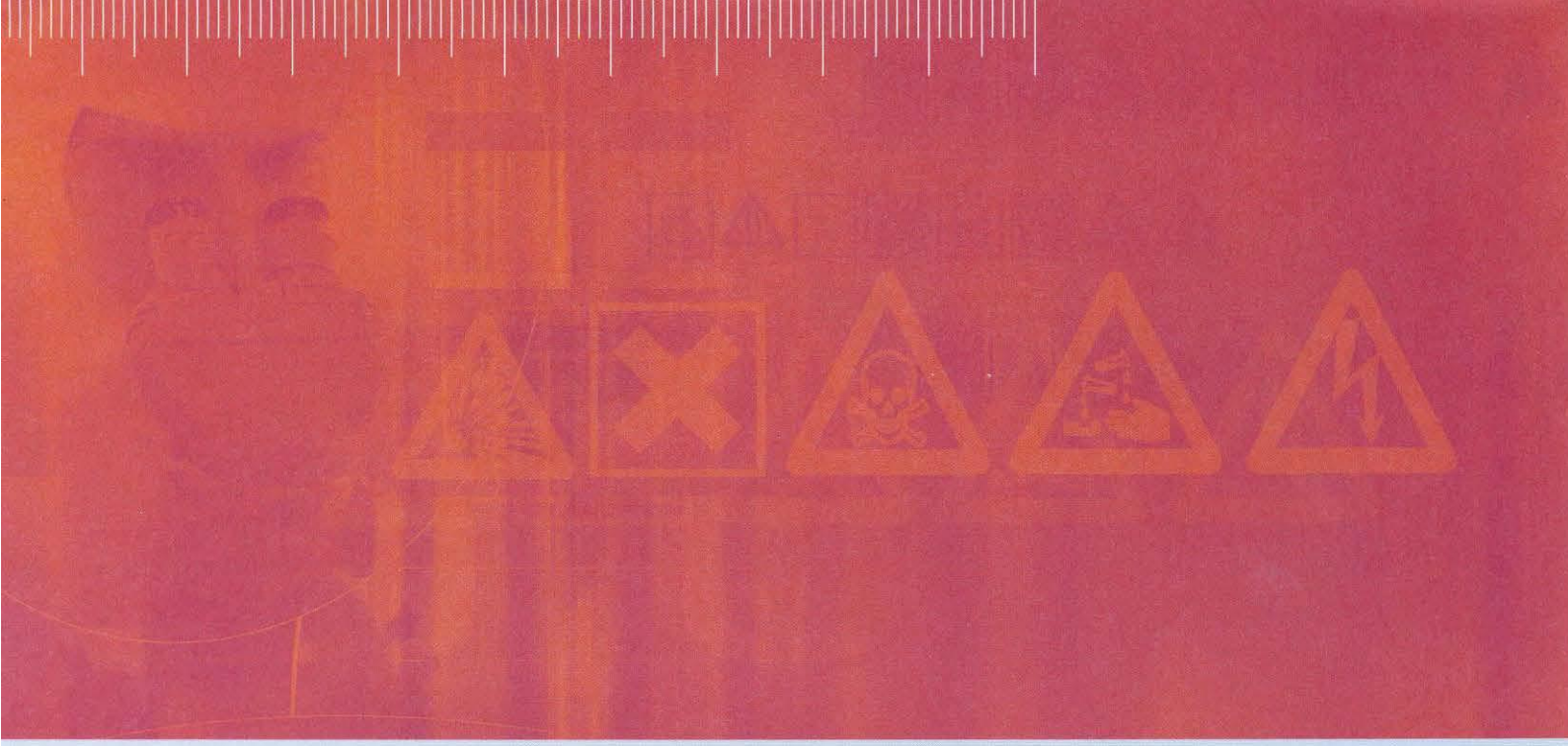

REPORT 24/06/2016

INERIS-DRC-16-149870-01981B

HAZARDOUS SUBSTANCES TO THE AQUATIC ENVIRONMENT IN INDUSTRIAL WASTE WATER RELEASES

National Action for Research and the Reduction of Releases of Hazardous Substances into Water Bodies (RSDE) by Classified Facilities - Second Phase

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

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pour un développement durable

HAZARDOUS SUBSTANCES TO THE AQUATIC ENVIRONMENT IN INDUSTRIAL WASTE WATER RELEASE

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Report prepared for the Ministry of the Environment, Energy and the Sea

List of people who participated in the study: Hervé Barré, Rodolphe Gaucher, Philippe Jouglet, Bénédicte Lepot, Christophe Lescot, François Lestremau, Caroline Marchand, Nathalie Marescaux.

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LIST OF SECTORS

INTRODUCTION

This document is an appendix to the report “Summary of initial monitoring results” referenced as: INERIS-DRC-15-149870-12457C.

This document presents the set of detailed RSDE initial monitoring results for each sector. They should be used and analysed in light of all the elements contained in the associated above-mentioned report.

Each sector is the subject of a set of graphs and tables produced in a systematic and consistent manner to facilitate research and the understanding of results.
As a result, however, graphical representations (figures or tables) may be “empty” or have percentages on a small number of cases.

For each sector, the following elements are presented:

- Sector data: number of sites, number of samples and number of substances in the sector-specific list.
- Sector-specific list: details of the substances in the sector-specific list with the quantification limits (in µg/l) and the associated long-term monitoring and reduction study thresholds (in g/d).
- Results:
    - Percentage of sites that have quantified the substances in the sector-specific list at least 3 times. Substances for which this percentage is less than 10% are not shown in this graph. The number of sites that have quantified the substance at least 3 times is also indicated in the histogram.
    - Distribution of the weighted average concentrations (WAC, in µg/l) quantified at all the points of discharge for the sector for which the substance was being tested for (for substances in the sector-specific list). The percentiles and the mean of these WACs are presented in this table.
    - Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector for which the substance was being tested for (for substances in the sector-specific list). This table shows the percentiles and average of these flows, the total of the flows of the sector, the share of the largest flow and the threshold flows for long-term monitoring and reduction studies.
    - Sites where discharges exceed the long-term monitoring and reduction study thresholds:
        - Assessment of the number of sites where discharges exceed the long-term monitoring or reduction study thresholds for at least one substance for the sector.
          Note: A site is counted only once, even if it exceeds the long-term monitoring or reduction study thresholds for several substances.
        - Substances where discharges exceed the long-term monitoring and/or reduction study threshold for the sector
        - Flows* of sites where discharges exceed the reduction study thresholds for the sector, based on individual flows from which the threshold flow of reduction studies has been subtracted.
          In this table, flows marked with an asterisk (“Flows*”) are the share of daily average flows beyond the reduction study threshold flows, that is to say the flows from which the reduction study threshold flow has been subtracted (for each site where releases exceed the reduction study thresholds).

In this English version only, you will find below the list of substances and an example of graph translated in order to help the reading of the document.

Nom de la substance	Name of the substance
1,1 dichloroéthane	1,1-Dichloroethane
1,1 dichloroéthylène	1,1-Dichloroethylene
1,1,1 trichloroéthane	1, 1, 1-Trichloroethane
1,1,2 trichloroéthane	1, 1, 2-Trichloroethane
1,1,2,2 tétrachloroéthane	1,1,2,2-Tetrachloroethane
1,2 dichlorobenzène	1,2-Dichlorobenzene
1,2 dichloroéthane	1,2-Dichloroethane
1,2 dichloroéthylène	1,2-Dichloroethylene
1,2,3 trichlorobenzène	1,2,3-Trichlorobenzene
1,2,4 trichlorobenzène	1,2,4-Trichlorobenzene
1,2,4,5 tétrachlorobenzène	1,2,4,5-Tetrachlorobenzene
1,3 dichlorobenzène	1,3-Dichlorobenzene
1,3,5 trichlorobenzène	1,3,5-Trichlorobenzene
1,4 dichlorobenzène	1,4-Dichlorobenzene
1-chloro-2-nitrobenzène	1-Chloro-2-nitrobenzene
1-chloro-3-nitrobenzène	1-Chloro-3-nitrobenzene
1-chloro-4-nitrobenzène	1-Chloro-4-nitrobenzene
2 chloroaniline	2-Chloroaniline
2 chlorophénol	2-Chlorophenol
2,4 dichlorophénol	2,4-Dichlorophenol
2,4,5 trichlorophénol	2,4,5-Trichlorophenol
2,4,6 trichlorophénol	2,4,6-Trichlorophenol
2-chlorotoluène	2-Chlorotoluene
2-nitrotoluène	2-Nitrotoluene
3 chloroaniline	3-Chloroaniline
3 chlorophénol	3-Chlorophenol
3,4 dichloroaniline	3,4-Dichloroaniline
3-chloroprène (chlorure d'allyle)	3-Chloroprene (Allyl chloride)
3-chlorotoluène	3-Chlorotoluene
4 chloroaniline	4-Chloroaniline
4 chlorophénol	4-Chlorophenol
4-chloro-2 nitroaniline	4-Chloro-2-nitroaniline
4-chloro-3-méthylphénol	4-Chloro-3-methylphenol
4-chlorotoluène	4-Chlorotoluene
Acénaphtène	Acenaphthene
Acide chloroacétique	Chloroacetic acid
Alachlore	Alachlor
alpha Hexachlorocyclohexane	alpha-Hexachlorocyclohexane
Anthracène	Anthracene
Apha Endosulfan	alpha-Endosulfan
Arsenic et ses composés	Arsenic and its compounds
Atrazine	Atrazine
Benzène	Benzene
Benzo (a) Pyrène	Benzo(a)pyrene
Benzo (b) Fluoranthène	Benzo(b)fluoranthene
Benzo (g,h,i) Pérylène	Benzo(ghi)perylene
Benzo (k) Fluoranthène	Benzo(k)fluoranthene
béta Endosulfan	beta-Endosulfan
Biphényle	Biphenyl
Cadmium et ses composés	Cadmium and its compounds
Carbone Organique Total	Total Organic Carbon
Chlorfenvinphos	Chlorfenvinphos
Chloroalcanes C10-C13	C10-C13-chloroalkanes
Chlorobenzène	Chlorobenzene
Chloroforme	Chloroform
Chloroprène	Chloroprene
Chlorpyrifos	Chlorpyrifos
Chlorure de méthylène	Methylene chloride
Chlorure de vinyle	Vinyl chloride
Chrome et ses composés	Chrome and its compounds
Cuivre et ses composés	Copper and its compounds
Décabromodiphényléther (BDE 209)	Decabromodiphenyl ether (BDE-209)

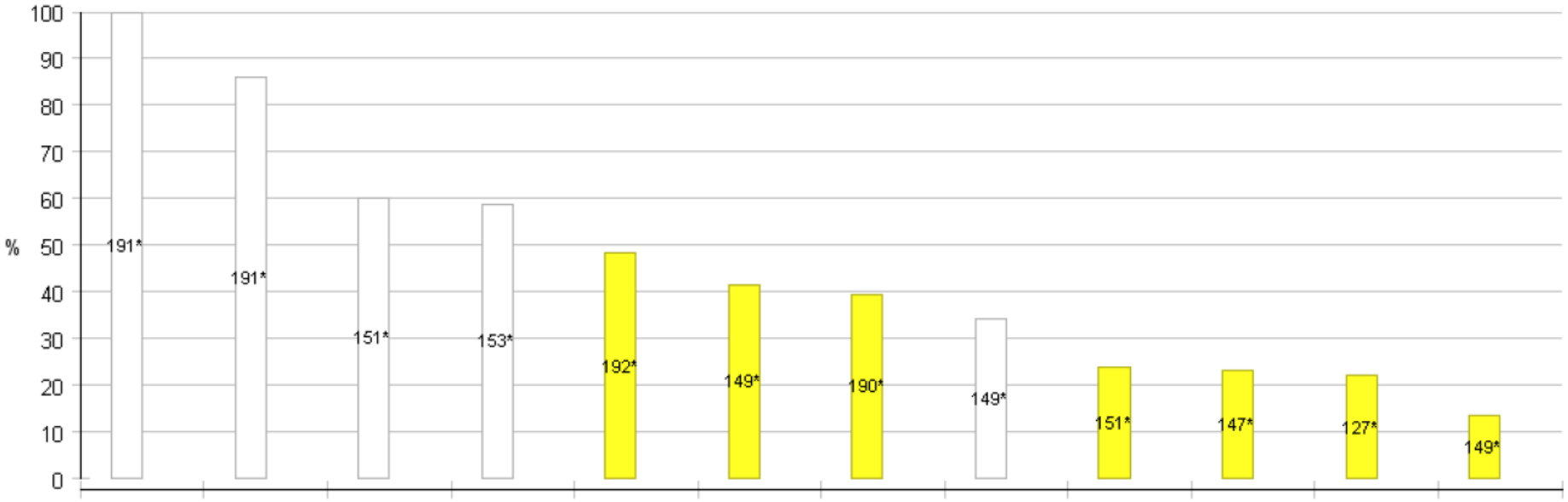
Nom de la substance	Name of the substance
Demande Chimique en Oxygène	Chemical Oxygen Demand
Dibutylétain cation	Dibutyltin cation
Diphényléthers bromés	Brominated diphenyl ethers
Diuron	Diuron
Epichlorhydrine	Epichlorohydrin…
Ethoxylates de nonylphénols	Nonylphenol ethoxylates
Ethoxylates de nonylphénols	Nonylphenol ethoxylates
Ethylbenzène	Ethylbenzene
Fluoranthène	Fluoranthene
gamma isomère Lindane	gamma isomer Lindane
Heptabromodiphényléther BDE 183	Heptabromodiphenyl ether (BDE-183)
Hexabromodiphényléther BDE 153	Hexabromodiphenyl ether (BDE-153)
Hexabromodiphényléther BDE 154	Heptabromodiphenyl ether (BDE-154
Hexachlorobenzène	Hexachlorobenzene
Hexachlorobutadiène	Hexachlorobutadiene
Hexachlorocyclohexane	Hexachlorocyclohexane
Hexachloroéthane	Hexachloroethane
Hexachloropentadiène	Hexachloropentadiene
Indeno (1,2,3-cd) Pyrène	Indeno(1,2,3-cd)pyrene
Isopropylbenzène	Isopropylbenzene
Isoproturon	Isoproturon
Matières en Suspension	Suspended matter
Mercure et ses composés	Mercury and its compounds
Monobutylétain cation	Monobutyltin cation
Naphtalène	Naphthalene
Nickel et ses composés	Nickel and its compounds
Nitrobenzène	Nitrobenzene
Nonylphénols linéaire ou ramifiés	Linear or branched nonylphenols
NP1OE	NP1OE
NP2OE	NP2OE
OP1OE	OP1OE
OP2OE	OP2OE
p-octylphénols (mélange)	p-octylphenols (mixture)
PCB 101	PCB 101
PCB 118	PCB 118
PCB 138	PCB 138
PCB 153	PCB 153
PCB 180	PCB 180
PCB 28	PCB 28
PCB 52	PCB 52
103 - PCB	103 - PCB
Pentabromodiphényléther (BDE 100)	Pentabromodiphenyl ether (BDE-100)
Pentabromodiphényléther (BDE 99)	Pentabromodiphenyl ether (BDE-99)
Pentachlorobenzène	Pentachlorobenzene
Pentachlorophénol	Pentachlorophenol
Plomb et ses composés	Lead and its compounds
Simazine	Simazine
Tétrabromodiphényléther BDE 47	Tetrabromodiphenyl ether (BDE-47)
Tétrachloroéthylène	Tetrachlorethylene
Tétrachlorure de carbone	Carbon tetrachloride
Toluène	Toluene
Tributylétain cation	Tributyltin cation
Tributylphosphate	Tributyl phosphate
Trichloroéthylène	Trichloroethylene
Trifluraline	Trifluralin
Triphénylétain cation	Triphenyltin cation
Xylènes (Somme o,m,p)	Xylenes (total o, m, p)
Zinc et ses composés	Zinc and its compounds

RSDE INITIAL MONITORING RESULTS EXAMINATED BY SECTOR

Key to understand French graphs in the report

Percentage of sites that quantified the substances in the sector-specific list
(substances for which the percentage >=10% only)

**** Number of sites that quantified the substances in the sector-specific list at least 3 times***



Use Substances list to find substances in english

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector: 1 Slaughterhouses

1 Sector data

195 sites
1191 samples
22 substances in the sector – specific list

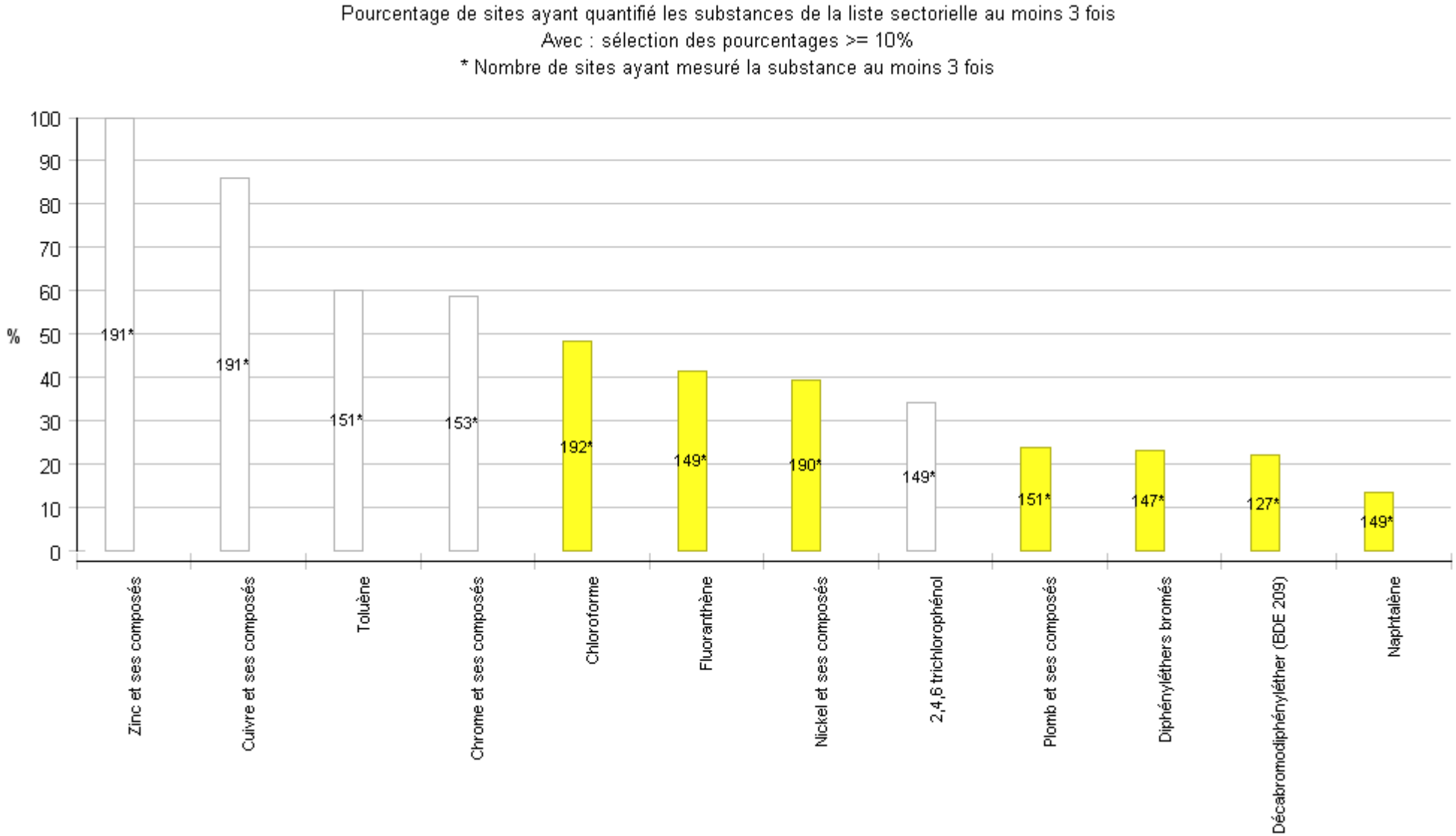
2 Sector specific list

Substance	Sandre code	LQ « circulaire » (µg/l)	Long-term monitoring threshold(g/j)	Reduction study threshold (g/j)
Chloroform	1135	1	20	100
Copper and its compounds	1392	5	200	500
Decabromodiphenyl ether (BDE-209)	1815	0,05		
Heptabromodiphenyl ether (BDE-183)	2910	0,05		
Hexabromodiphenyl ether (BDE-153)	2912	0,05		
Hexabromodiphenyl ether (BDE 154)	2911	0,05		
Nickel and its compounds	1386	10	20	100
Pentabromodiphenyl ether (BDE 100)	2915	0,05		
Pentabromodiphenyl ether (BDE 99)	2916	0,05		
Tetrabromodiphenyl ether (BDE 47)	2919	0,05		
Zinc and its compounds	1383	10	200	500
2,4,6 Trichlorophenol	1549	0,1	300	500
Anthracene	1458	0,01	2	10
Cadmium and its compounds	1388	2	2	10
Methylene chloride	1168	5	20	100
Chrome and its compounds	1389	5	200	500
Ethylbenzene	1497	1	300	1 000
Fluoranthene	1191	0,01	4	30
Mercury and its compounds	1387	0,5	2	5
Naphthalene	1517	0,05	20	100
Lead and its compounds	1382	5	20	100
Toluene	1278	1	300	1 000

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that quantified the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	5	32,3352059925094	88,8554083378302	228,185599440755	347,992337956722	456,030916844435	771,842027032251	4368,41666666667
Toluene	1278	1.00	0	0	0,5	2,49390519436148	203,125825719647	53,3208955223881	220,459280089989	16423,7719298246
Copper and its compounds	1392	5.00	0	3,02704228886937	8,733776188042 92	37,211902723069	57,948873 9886466	70,742374 7737384	118,685534591195	965,540082219938
Chrome and its compounds	1389	5.00	0	0	2,5	5,61347280164845	8,937820857 13604	12,721448 4679666	19,722959 0333039	94,926053 0421217
Nickel and its compounds	1386	10.00	0	2,65125077330626	5	5,96040955631399	9,330692390 50708	11,402255 05923	19,550255 5366269	58,934294 8717949
Chloroform	1135	1.00	0	0,163082437275986	0,5	1,01930721181147	5,432800828 8254	4,860811 28747795	11,887478 3873535	121,234567901235
Lead and its compounds	1382	5.00	0	0	0,611804222648752	2,5	3,308245918 19948	3,888914 19785601	7,4844544 431946	39,408530 3186023
Methylene chloride	1168	5.00	0	0	0	1,31575785790446	68,883894 6960857	2,5	2,5	10992,291 6666667
Cadmium and its compounds	1388	2.00	0	0	0	0,5	0,569495872410511	1	1	4,448861 74347585
Ethylbenzene	1497	1.00	0	0	0	0,263151571580892	0,766447 333267613	0,5	0,596656 976744186	55,431818 1818182
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0.05	0	0	0,034168871448048 9	0,175	0,222010322666938	0,175	0,345068773945136	3,1901641 9181048
2,4,6 Trichlorophenol	1549	0.10	0	0	0,023870116605668 6	0,05	0,121005140289332	0,145103525461668	0,277150447561151	2,2388563 9686684
Fluoranthene	1191	0.01	0	0,001958813628410 36	0,004212034383954 15	0,012783341849770 1	0,696970428038167	0,083140135687648 8	0,251680972599811	98,631395 0171733
Mercury and its compounds	1387	0.50	0	0	0	0,099397810218978 1	0,173925152350394	0,25	0,25	5,2535514 0186916

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Decabromodiphenyl ether (BDE-209)	1815	0.50	0	0	0,022067440145900 4	0,025	0,105951590233532	0,06	0,198273745737945	3,040164191810 48
Naphthalene	1517	0.05	0	0	0,0025	0,025	1,20871986216709	0,051009648518263 3	0,189363060686016	182,195755916486
Anthracene	1458	0.01	0	0	0,002	0,005	0,320268540266496	0,009200589857514 94	0,064156277543418 1	47,026476 146675
Heptabromodiphenyl ether BDE 183	2910	0.50	0	0	0	0,016827766865063 9	0,017365745397215 7	0,025	0,025	0,305476104272266
Hexabromodiphenyl ether BDE 153	2912	0.50	0	0	0	0,015832507433102 1	0,016955205064124 4	0,025	0,025	0,271751075011945
Hexabromodiphenyl ether BDE 154	2911	0.50	0	0	0	0,015431572969903 5	0,016842586895916	0,025	0,025	0,271751075011945
Pentabromodiphenyl ether (BDE 100)	2915	0.50	0	0	0	0,015832507433102 1	0,021397669471294 5	0,025	0,025	0,607311984246061
Pentabromodiphenyl ether (BDE 99)	2916	0.50	0	0	0	0,015832507433102 1	0,029814876171898 5	0,025	0,025	1,97554154163541
Tetrabromodiphenyl ether BDE 47	2919	0.50	0	0	0	0,016827766865063 9	0,017144705864017 7	0,025	0,025	0,271751075011945

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0,36250464	4,629972	14,55952	46,9812	99,4634189178796	124,86684666667	242,84527	1152,69490832	18997,513013315	6,07	200	500
Copper and its compounds	1392	0	0	1,15772	5,163515	13,2378404232623	13,650181666667	36,950871666667	176,86106	2528,427520843 1	6,99	200	500
Toluene	1278	0	0	0	0,683826666666667	22,341733132635	7,36731	25,633632 14	624,1033333333333	3418,285169293 16	18,26	300	1000
Nickel and its compounds	1386	0	0	0	0	2,64162428617995	0,58575	6,1202592	116,695675	501,9086143741 9	23,25	20	100
Chrome and its compounds	1389	0	0	0	0,185931666666667	1,86791008939411	1,9928	6,10315004	18,583344	289,5260638560 88	6,42	200	500
Chloroform	1135	0	0	0	0,0658	1,3280350273678	0,781852	2,94172	55,24522666666667	257,6387953093 52	21,44	20	100
Lead and its compounds	1382	0	0	0	0	0,251247645269677	0	0,512154	6,60392	38,9433850168	16,96	20	100
2,4,6 Trichlorophenol	1549	0	0	0	0	0,027693031340350 9	0,00994944	0,0803005	0,44148	4,209340763733 33	10,49	300	500
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0	0	0	0	0,022818661413141 9	0,0065118	0,0581231	0,502276623333333	3,377161889145	14,87	2	5
Decabromodiphenyl ether (BDE-209)	1815	0	0	0	0	0,014694925776496 6	0,00565333333333333	0,043217456666666667	0,278533066666667	2,160154089145	12,89		
Fluoranthene	1191	0	0	0	5,833333333333	0,141185022593377	0,014809416666	0,04195412	18,70708529142	21,460123 43419	87,17	4	30

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

					33E-4		6667			33			
Naphthalene	1517	0	0	0	0	0,249602726124021	0,00147333333333333	0,03753095	34,55645684694	38,189217096975 2	90,49	20	100
Anthracene	1458	0	0	0	0	0,065553026971671 1	2,925E-4	0,014742	8,91935372178	9,832954045750 67	90,71	2	10
Cadmium and its compounds	1388	0	0	0	0	0,017820557359307 4	0	0	2,60403	2,744365833333 33	94,89	2	10
Methylene chloride	1168	0	0	0	0	1,610505742569	0	0	197,86125	252,8494015833 33	78,25	20	100
Ethylbenzene	1497	0	0	0	0	0,105848416118421	0	0	13,4589712	16,08895925	83,65	300	1000
Heptabromodiphenyl ether BDE 183	2910	0	0	0	0	9,24126494252874E-4	0	0	0,033749	0,133998341666667	25,19		
Hexabromodiphenyl ether BDE 153	2912	0	0	0	0	8,57206107305936E-4	0	0	0,033419	0,125152091666667	26,7		
Hexabromodiphenyl ether BDE 154	2911	0	0	0	0	8,48658162100457E-4	0	0	0,033419	0,123904091666667	26,97		
Mercury and its compounds	1387	0	0	0	0	0,016663042261904 8	0	0	1,12426	2,566108508333 33	43,81	2	5
Pentabromodiphenyl ether (BDE 100)	2915	0	0	0	0	0,001652669577625 57	0	0	0,107939583333333	0,241289758333333	44,73	2	5
Pentabromodiphenyl ether (BDE 99)	2916	0	0	0	0	0,003278216609589 04	0	0	0,351119583333333	0,478619625	73,36	2	5
Tetrabromodiphenyl ether BDE 47	2919	0	0	0	0	7,81122545662101E-4	0	0	0,033419	0,114043891666667	29,3		

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: A site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
1. Slaughterhouses	195	33	16,9231	6	3,0769

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Chloroform	1135	1	0
Nickel and its compounds	1386	4	1
Zinc and its compounds	1383	26	5
Anthracene	1458	1	0
Cadmium and its compounds	1388	1	0
Methylene chloride	1168	2	1
Fluoranthene	1191	1	0
Naphthalene	1517	1	0
Toluene	1278	4	0
		41	7

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Methylene chloride	1168	97,86125	252,849401583333	38,7
Zinc and its compounds	1383	1602,89861498667	18997,513013315	8,44
Nickel and its compounds	1386	16,695675	501,90861437419	3,33

Flows*: based on individual flows from which the threshold flow for reduction studies has been subtracted

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 10 Plastic industry

1 Sector data

63 sites
412 samples
25 substances in the Sector specific list

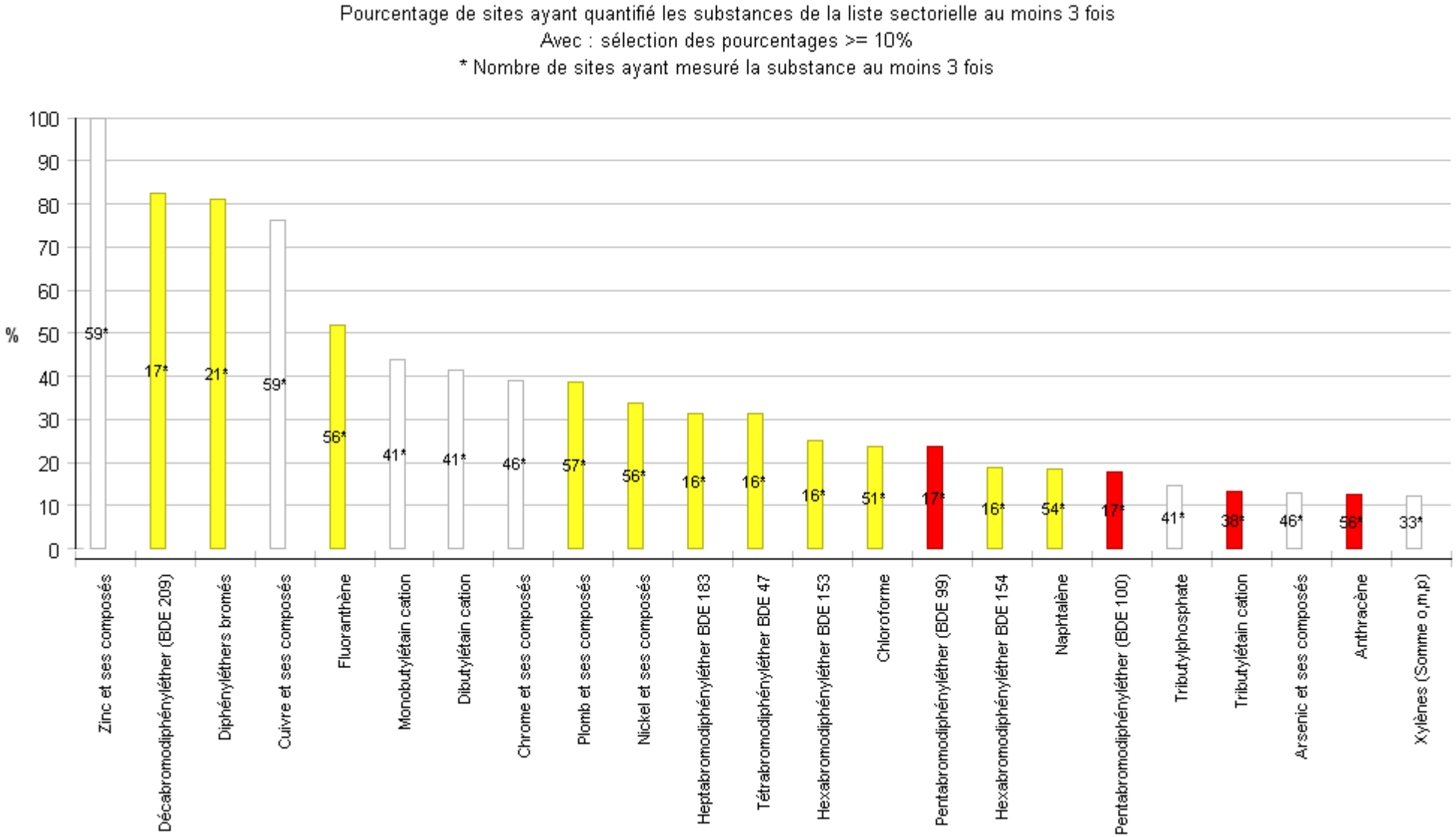
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring thresholds (g/j)	Reduction study thresholds (g/j)
Anthracene	1458	0,01	2	10
C10-C13-chloroalkanes	1955	10	2	10
Copper and its compounds	1392	5	200	500
Fluoranthene	1191	0,01	4	30
Mercury and its compounds	1387	0,5	2	5
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Lead and its compounds	1382	5	20	100
Zinc and its compounds	1383	10	200	500
Arsenic and its compounds	1369	5	10	100
Cadmium and its compounds	1388	2	2	10
Chloroform	1135	1	20	100
Chrome and its compounds	1389	5	200	500
Decabromodiphenyl ether (BDE-209)	1815	0,05		
Dibutyltin cation	7074	0,02	300	500
Heptabromodiphenyl ether (BDE-183)	2910	0,05		
Hexabromodiphenyl ether (BDE-153)	2912	0,05		
Hexabromodiphenyl ether (BDE 154)	2911	0,05		
Monobutyltin cation	2542	0,02	300	500
Pentabromodiphenyl ether (BDE 100)	2915	0,05		
Pentabromodiphenyl ether (BDE 99)	2916	0,05		
Tetrabromodiphenyl ether (BDE 47)	2919	0,05		
Tributyltin cation	2879	0,02	2	5
Tributyl phosphate	1847	0,1	300	2 000
Xylenes (total o, m, p)	1780	2	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	5,94877628716461	12,4637672281776	39,3085210577865	156,202420242024	484,791404698715	374,943708609272	782,9419868791	9069
Copper and its compounds	1392	5.00	0	3,04652406417112	6,44766600325674	16,1675073002389	90,1066768718522	59,3774834437086	233,333333333333	893,571428571429
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0.05	6,45131086142322E-6	0,037041354581673	0,05	0,28176961872045	20,0391245686632	3,702	43,85455	197,787777777778
Decabromodiphenyl ether (BDE-209)	1815	0.50	2,597378277153 56E-6	0,0144	0,025	0,13176961872045	18,3814040344634	3,092	42,5949994586364	187,532222222222
Nickel and its compounds	1386	10.00	0	0	2,48421052631579	5	40,2820427353545	9,39334341906203	31,3065817378886	698,505523066927
Chrome and its compounds	1389	5.00	0	0	1,5	2,85143769968051	40,4059901555722	6,03571428571429	26,166013712047	861,833333333333
Lead and its compounds	1382	5.00	0	0,15625	2,5	3,01871188522792	4425,60458776331	6,90606253462033	14,3480839105229	299801,725596346
C10-C13-chloroalkanes	1955	10.00	0	0	0	5	10,2172215826168	5	6,80221428571429	304,247755834829
Arsenic and its compounds	1369	5.00	0	0	0,833333333333333	2,5	3,66813022168561	2,5	3,68458646308971	52,948902047031
Chloroform	1135	1.00	0	0	0,179681274900398	0,5	10,003541955291	0,544827586206897	2,04803921568627	402,833333333333
Xylenes (total o, m, p)	1780	2.00	0	0	0,482758620689655	1	1,09213109616699	1	1,51023339317774	5,952670926060959
Cadmium and its compounds	1388	2.00	0	0	0,001088855114216 36	0,928571428571429	20,031047291259	1	1,044444444444444	984,671561495517
Dibutyltin cation	7074	0.02	0	0	0,006791419443176 63	0,010596916979700 4	0,337425776812266	0,054246635909265 7	0,275250431778929	9,361919390513 64
Mercury and its compounds	1387	0.50	0	0	0,052352321180472	0,166666666666667	0,179007571431076	0,25	0,25	1,586666666666667

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

					4					
Monobutyltin cation	2542	0.02	0	0	0,01	0,015259042033235 6	0,18115618471718	0,059574812666183 2	0,233357843137255	2,54885437446566
Heptabromodiphenyl ether BDE 183	2910	0.50	0	0	0,001307835325365 21	0,025	0,461301182476582	0,025	0,232394388766706	9,858333333333
Tributyl phosphate	1847	0.10	0	0,001430077133138 5	0,019751859451141 3	0,05	0,120289365726103	0,063684210526315 8	0,197173213591203	1,77425
Naphthalene	1517	0.05	0	0	0,012987767584097 9	0,025	0,053052812372838 8	0,044455155071248 9	0,090395894428152 5	0,582274152180108
Fluoranthene	1191	0.01	0	0,002707581227436 82	0,005	0,010549036043587 6	0,217364630873915	0,030052714812862 4	0,069482758620689 6	12,32266666666667
Hexabromodiphenyl ether BDE 153	2912	0.50	0	0	0,001307835325365 21	0,025	0,398946997019044	0,025	0,054	8,7572
Tributyltin cation	2879	0.02	0	0	0,003448275862068 97	0,01	0,020315053424968 2	0,012086931491076 6	0,038865013774104 7	0,345995544643912
Pentabromodiphenyl ether (BDE 100)	2915	0.50	0	0	6,42322097378277E-7	0,021961587548638 1	0,37947011105884	0,025	0,025	8,7572
Pentabromodiphenyl ether (BDE 99)	2916	0.50	0	0	6,42322097378277E-7	0,01215	0,018699428230541 4	0,025	0,025	0,070701559020044 5
Hexabromodiphenyl ether BDE 154	2911	0.50	0	0	0,001307835325365 21	0,020487183714553 5	0,378268584056133	0,025	0,025	8,7572
Tetrabromodiphenyl ether BDE 47	2919	0.50	0	0	6,42322097378277E-7	0,0132	0,021034231358615	0,025	0,025	0,13652561247216
Anthracene	1458	0.01	0	0	0,003456152095327 35	0,005	0,027808409469233 1	0,006823982398239 82	0,018402242466713 4	0,65687472847234

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	0,083583333333333	1,585708	7,044416666666667	52,6592505410977	28,2131	97,299324	774,25533333333333	3106,895781924 76	24,92	200	500
Copper and its compounds	1392	0	0	0,183833333333333	1,18525	10,4813949037046	5,6728	18,7059	236,548	618,4022993185 72	38,25	200	500
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0	0	6,25E-5	0,0112756	4,28499061093651	0,0876392	10,560476269666767	52,164796789167 67	89,984802829666767	57,97	2	5
Decabromodiphenyl ether (BDE-209)	1815	0	0	0	0,0112756	4,27490349231746	0,05003166666666667	10,490793408333 33	52,1001243225	89,772973338667 67	58,04		
Nickel and its compounds	1386	0	0	0	0	5,3818592368421	0,072021333333333333	5,28	150,748	306,7659765	49,14	20	100
Chrome and its compounds	1389	0	0	0	0	6,872267144875	0,326935744	4,452583333333333	268,892	329,868822954	81,51	200	500
Lead and its compounds	1382	0	0	0	0	1274,64052779856	0,0707	2,640828083333333	73838,66666666667	73929,1506123167	99,88	20	100
Chloroform	1135	0	0	0	0	2,50090711356694	0	0,200544	125,684	132,5480770190 48	94,82	20	100
Heptabromodiphenyl ether BDE 183	2910	0	0	0	0	0,005443808079365 08	0	0,02218125	0,057236801333 3333	0,114319969666667	50,07		
Dibutyltin cation	7074	0	0	0	0	0,045476061671969 7	0,00382488	0,0176	1,09709712	2,000946713566 67	54,83	300	500
Naphthalene	1517	0	0	0	0	0,0068374	1,96625	0,01302	0,12361	0,38289	32,28	20	100

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

						7126805776	E-4	696	2445	8391011234			
Monobutyltin cation	2542	0	0	0	0	0,016973361450757 6	0,0056	0,012629688333 3333	0,353455805	0,746827903833 333	47,33	300	500
Fluoranthene	1191	0	0	0	1,1644E-4	0,006708848708467 77	8,769166666666 67E-4	0,006070337833 33333	0,206061783333 333	0,382404376382 663	53,89	4	30
Tributyl phosphate	1847	0	0	0	0	0,003255162038759 69	0	0,001338396	0,109659708333 333	0,139971967666 667	78,34	300	2000
Hexabromodiphenyl ether BDE 153	2912	0	0	0	0	0,001481037380952 38	0	6,6875E-4	0,0175144	0,031101785	56,31		
Tributyltin cation	2879	0	0	0	0	0,005220339545833 33	0	2,743875E-4	0,175197208333 333	0,208813581833 333	83,9	2	5
Anthracene	1458	0	0	0	0	0,002982754342122 38	0	2,1847482552E-4	0,161782771666 667	0,167034243158 853	96,86	2	10
Pentabromodiphenyl ether (BDE 99)	2916	0	0	0	0	0,001474857920634 92	0	6,8E-6	0,030762048333 3333	0,030972016333 3333	99,32	2	5
Arsenic and its compounds	1369	0	0	0	0	0,277571418439716	0	0	13,040873333333 33	13,045856666666 67	99,96	10	100
Cadmium and its compounds	1388	0	0	0	0	5,52213521893939	0	0	242,5164	242,9739496333 33	99,81	2	10
C10-C13-chloroalkanes	1955	0	0	0	0	0,044610466666666 7	0	0	0,903818666666 667	1,784418666666 67	50,65	2	10
Hexabromodiphenyl ether BDE 154	2911	0	0	0	0	8,34019047619048E-4	0	0	0,0175144	0,0175144	100		
Mercury and its compounds	1387	0	0	0	0	3,65708805031447E-4	0	0	0,0109004	0,019382566666 6667	56,24	2	5
Pentabromodiphenyl ether (BDE 100)	2915	0	0	0	0	8,34276190476191E-4	0	0	0,0175144	0,0175198	99,97	2	5

Tetrabromodiphenyl ether BDE 47	2919	0	0	0	0	1,912E-5	0	0	3,9232E-4	4,0152E-4	97,71		
Xylenes (total o, m, p)	1780	0	0	0	0	0,109767085858586	0	0	3,0141756	3,623313833333333	83,21	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
10 Plastic industry	63	8	12,6984	6	9,5238

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Copper and its compounds	1392	1	0
Nickel and its compounds	1386	3	1
Lead and its compounds	1382	2	1
Zinc and its compounds	1383	3	3
Arsenic and its compounds	1369	1	0
Cadmium and its compounds	1388	1	1
Chloroform	1135	1	1
Chrome and its compounds	1389	1	0
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	3	3
		16	10

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Lead and its compounds	1382	73738,6666666667	73929,1506123167	99,74
Cadmium and its compounds	1388	232,5164	242,973949633333	95,7
Brominated diphenyl ethers	1815, 2910, 2912, 2919,	74,1413317068333	89,9848028296667	82,39

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

	2911, 2916, 2915			
Chloroform	1135	25,684	132,548077019048	19,38
Nickel and its compounds	1386	50,748	306,7659765	16,54
Zinc and its compounds	1383	367,199461666667	3106,89578192476	11,82
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 11 Rubber industry

1 Sector data

30 sites
201 samples
29 substances in the Sector specific list

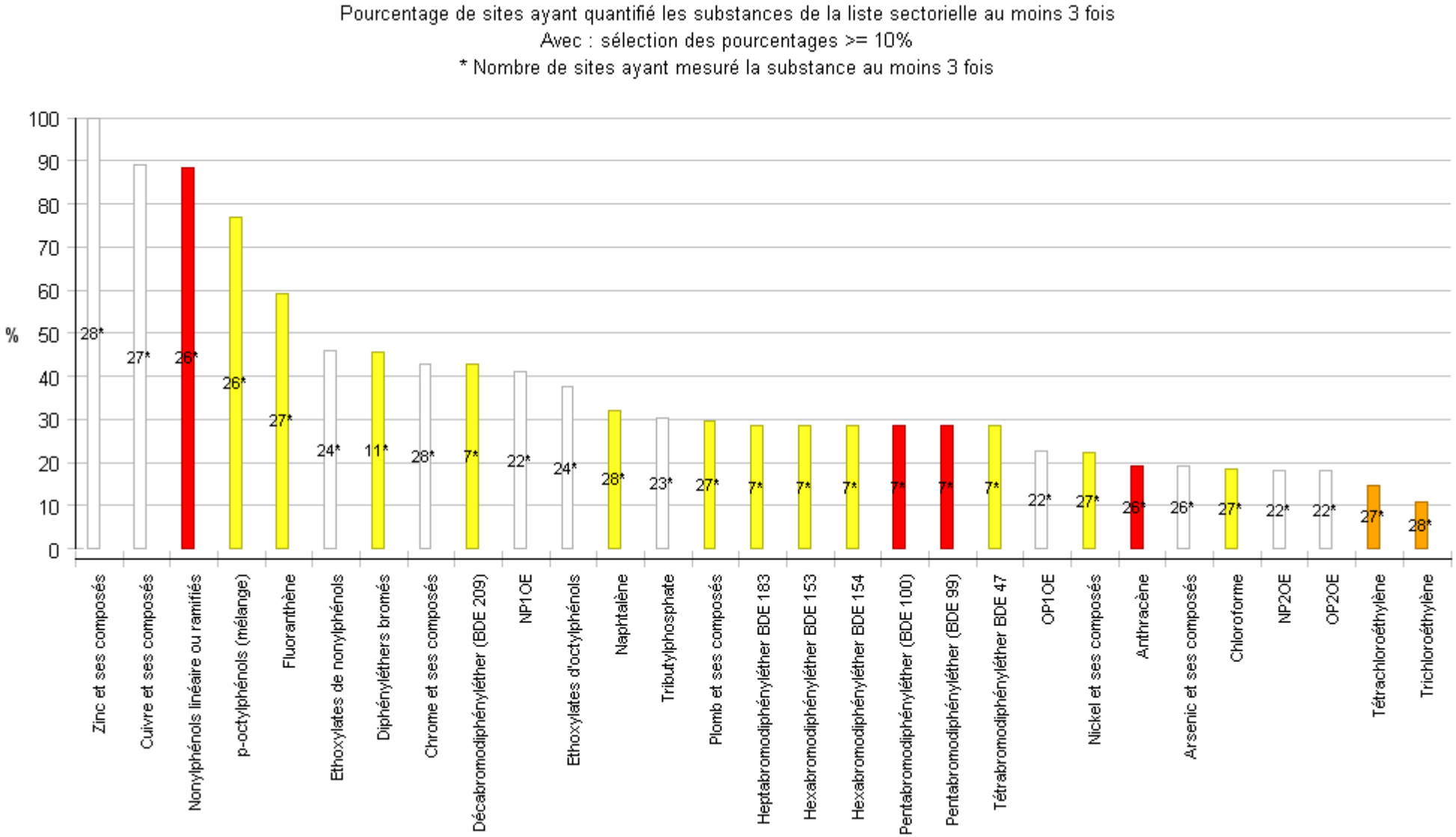
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring thresholds (g/j)	Reduction study thresholds (g/j)
Anthracene	1458	0,01	2	10
Arsenic and its compounds	1369	5	10	100
C10-C13-chloroalkanes	1955	10	2	10
Chloroform	1135	1	20	100
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Decabromodiphenyl ether (BDE-209)	1815	0,05		
Diuron	1177	0,05	4	30
Fluoranthene	1191	0,01	4	30
Heptabromodiphenyl ether (BDE-183)	2910	0,05		
Hexabromodiphenyl ether (BDE-153)	2912	0,05		
Hexabromodiphenyl ether (BDE 154)	2911	0,05		
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
OP1OE	6370	0,1	10	30
OP2OE	6371	0,1	10	30
p-octylphenols (mixture)	6600	0,1	10	30
Pentabromodiphenyl ether (BDE 100)	2915	0,05		
Pentabromodiphenyl ether (BDE 99)	2916	0,05		
Lead and its compounds	1382	5	20	100
Tetrabromodiphenyl ether (BDE 47)	2919	0,05		
Tetrachlorethylene	1272	0,5	2	5
Toluene	1278	1	300	1 000
Trichloroethylene	1286	0,5	2	5
Zinc and its compounds	1383	10	200	500
Tributyl phosphate	1847	0,1	300	2 000

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	13	29,1774277660324	60,1215074533677	117,213114754098	318,866974769817	303,929939313797	519,517824858757	2028,6873594242
Copper and its compounds	1392	5.00	2,5	3,85836298034466	7,68478573482887	16,780487804878	27,216521 0036481	38,260129 1753025	77	99,8459467756027
Nonylphenol ethoxylates	6366, 6369	0.10	0,036346861841670 2	0,1	0,1	0,413900087642419	6,64861549269937	0,695040387722132	13,23	94,6374287526427
Lead and its compounds	1382	5.00	0	1,75	2,5	2,88787105044641	5,97664069631739	8,32980197212941	11,6256613756614	43,14
Chrome and its compounds	1389	5.00	0	1,05230125523013	2,5	3,50661375661376	5,54075405729068	7	9,84853531148286	41,6229787703093
Nickel and its compounds	1386	10.00	0	2,5	4,25	5	13,5615717679014	5	8,15838652974373	313,817059588633
NP2OE	6369		0	0,05	0,05	0,074181205793196 4	5,11145597825794	0,288506613665958	7,30700436437924	94,5874287526427
Linear or branched nonylphenols	6598	0.10	0,05	0,05	0,18	0,785578889354291	12,1578694152877	3,16255575472091	7,09983612088495	401,804363062169
Arsenic and its compounds	1369	5.00	0	0,5	2,5	2,5	4,32801509633761	3,55409705648369	7,0264116575592	32,2547932708409
C10-C13-chloroalkanes	1955	10.00	0	0	1	2,5	2,76184000474336	5	5	5,84191104497354
p-octylphenols (mixture)	6600	0.10	0	0,05	0,05	0,086520947176684 9	0,939962788062195	0,67876637586157	3,20915545590434	8,69018527204503
NP1OE	6366		0,020570093251912 4	0,05	0,05	0,141775890714418	1,537159551444143	0,39	2,63	20,16
Tetrachlorethylene	1272	0.50	0	0	0,25	0,25	15,5533638225698	0,25	1,5125	607,166666666667
Chloroform	1135	1.00	0	0	0,5	0,5	2,04746732258353	0,642765273311897	1,12313296903461	22,6626889419252
Octylphenol ethoxylates	6370, 6371	0.10	0	0,036216132801305 1	0,1	0,1	0,905413048319952	0,186991586460237	1,05	8,08472945736434
Toluene	1278	1.00	0	0,0908081	0,25	0,5	0,8895208	0,5	0,85	12,26

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

				679608858			0540736			
Trichloroethylene	1286	0.50	0	0,1	0,25	0,25	0,497281890813251	0,25	0,622198952879581	4,9
OP2OE	6371		0	0,012951654504971 2	0,05	0,05	0,539102457645963	0,059289617486338 8	0,359119804400978	8,03472945736434
Fluoranthene	1191	0.01	0,005	0,005	0,005799866605527 53	0,024937039035797 8	10,4433934385848	0,067	0,201868703908999	425,941383246073
OP1OE	6370		0	0,023264478296333 9	0,05	0,05	0,366310590673988	0,05	0,199004819973972	3,88084813788607
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0.05	6,1367927622984E-5	8,12E-5	0,02	0,115511502423263	0,865030912830186	0,174260666277031	0,175	9,37
Tributyl phosphate	1847	0.10	0,01	0,01	0,033672086720867 2	0,064091958814456 6	0,128320104721977	0,136823404775487	0,17	1,40556878306878
Naphthalene	1517	0.05	0,005	0,008902379419339 73	0,025	0,025	0,068694446241046 7	0,057789409498818 3	0,156635620915033	0,358
Decabromodiphenyl ether (BDE-209)	1815	0.50	1,16E-5	3,2483921 4659686E-5	0,005	0,025	0,801275012255083	0,065094339622641 5	0,085526046986721 1	9,22
Diuron	1177	0.05	0	0,005	0,010145281264528 1	0,025	0,024113325830899 5	0,025	0,037773422062776	0,13962374581939 8
Pentabromodiphenyl ether (BDE 100)	2915	0.50	0	4,7763612565445E-6	1,16E-5	0,004947117024906 18	0,016809477806433 4	0,025	0,025	0,089295872374798 1
Heptabromodiphenyl ether BDE 183	2910	0.50	0	5,0021998742929E-6	1,16E-5	0,0025	0,009314919728180 49	0,021586791350087 7	0,025	0,025
Hexabromodiphenyl ether BDE 153	2912	0.50	0	4,7763612565445E-6	1,16E-5	0,003367576566152 68	0,009407875760122 17	0,021586791350087 7	0,025	0,025

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Hexabromodiphenyl ether BDE 154	2911	0.50	0	4,7763612565445E-6	1,16E-5	0,003367576566152 68	0,009407875760122 17	0,021586791350087 7	0,025	0,025
Pentabromodiphenyl ether (BDE 99)	2916	0.50	0	4,7763612565445E-6	1,16E-5	0,003367576566152 68	0,009407875760122 17	0,021586791350087 7	0,025	0,025
Tetrabromodiphenyl ether BDE 47	2919	0.50	0	4,7763612565445E-6	1,16E-5	0,003367576566152 68	0,009407875760122 17	0,021586791350087 7	0,025	0,025
Anthracene	1458	0.01	0	0,005	0,005	0,005	0,007674076140877 61	0,007771013221802 48	0,011935581583198 7	0,037191807909604 5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0,11940355	0,92664	26,9352	55,450975	106,876619851478	134,111592	222,61208	751,62866666667	3099,421975692 86	24,25	200	500
Copper and its compounds	1392	0	0	0,378	3,826152	11,9295939628401	12,425166	30,395857142857 1	72,811335	334,0286309595 24	21,8	200	500
Linear or branched nonylphenols	6598	0	0	0,0063576	0,1968759	4,75887420752483	0,901515666666667	3,112558333333333	86,789742421421 86	133,2484778106 95	65,13	2	10
Chrome and its compounds	1389	0	0	0	0	2,16031181954023	0,816088333333333	2,4924672	31,467665666666 67	62,649042766666 67	50,23	200	500
Lead and its compounds	1382	0	0	0	0	1,25784274220033	1,737	2,45316	11,045796	36,477439523809 5	30,28	20	100
Nonylphenol ethoxylates	6366, 6369	0	0	0	0,122592	22,8912946002778	0,298669419333333	0,85070584	536,8782456	549,3910704066 67	97,72	2	10
Arsenic and its compounds	1369	0	0	0	0	3,12911255	0	0,8465	65,6242344	87,61515 14	74,9	10	100
p-octylphenols (mixture)	6600	0	0	0	0,011190864	0,262509521981292	0,0842	0,831579333333333	2,033723333333333	7,350266615476 19	27,67	10	30
NP1OE	6366	0	0	0	0,00193176	0,262755435944445	0,199620833333333	0,48823	3,89088	6,306130462666 67	61,7		
Nickel and its compounds	1386	0	0	0	0	8,61137655357143	0	0,47672	237,2509273333 33	241,1185435	98,4	20	100
Trichloroethylene	1286	0	0	0	0	0,119821666666667	0	0,4246	1,4014	3,474828333333 33	40,33	2	5
Chloroform	1135	0	0	0	0	2,54388258561576	0	0,4102128	61,709472	73,772594982857 1	83,65	20	100

NP2OE	6369	0	0	0	0,0026832	22,6285391643333	0,126475466666667	0,333755424	536,8782456	543,084939944	98,86		
Octylphenol ethoxylates	6370, 6371	0	0	0	0	2,11825086217361	0,0254856	0,27141825	45,6051244	50,838020692166767	89,71	10	30
OP2OE	6371	0	0	0	0	2,01105181763889	0	0,17136	45,6051244	48,265243623333333	94,49		
Tributyl phosphate	1847	0	0	0	0	0,068285603600414 1	0,04029504	0,112468333333333	0,8035268	1,5705688828095 2	51,16	300	2000
Tetrachlorethylene	1272	0	0	0	0	1,5592566091954	0	0,100696666666667	43,716	45,218441666666 67	96,68	2	5
Toluene	1278	0	0	0	0	0,051732488505747 1	0	0,082869166666 6667	0,7141	1,5002421666666 7	47,6	300	1000
Naphthalene	1517	0	0	0	0	0,076654092501111 1	0,0090867	0,067199333333 3333	1,92462952	2,2996227750333 3	83,69	20	100
Fluoranthene	1191	0	0	0	0,00756296666666667	0,487276679954075	0,022126726368 1667	0,0586895	13,580784033333 3	14,131023718668 2	96,11	4	30
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0	0	0	0	0,167785031818182	0,0066668	0,03684943	1,77946	1,84563535	96,41	2	5
Decabromodiphenyl ether (BDE-209)	1815	0	0	0	0	0,164435083636364	0,00368412	0,018975	1,77946	1,80878592	98,38		
OP1OE	6370	0	0	0	0	0,107199044534722	0	0,009784333333333333	1,1429253	2,5727770688333 3	44,42		
Anthracene	1458	0	0	0	0	0,001300417414942 53	6,4601666666667E-4	0,0022312625	0,0199876032	0,037712105033 3333	53	2	10
C10-C13-chloroalkanes	1955	0	0	0	0	0	0	0	0	0		2	10

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Diuron	1177	0	0	0	0	9,32879285714286E-4	0	0	0,00989325	0,02612062	37,88	4	30
Heptabromodiphenyl ether BDE 183	2910	0	0	0	0	0	0	0	0	0			
Hexabromodiphenyl ether BDE 153	2912	0	0	0	0	0	0	0	0	0			
Hexabromodiphenyl ether BDE 154	2911	0	0	0	0	0	0	0	0	0			
Pentabromodiphenyl ether (BDE 100)	2915	0	0	0	0	0,003349948181818 18	0	0	0,03684943	0,03684943	100	2	5
Pentabromodiphenyl ether (BDE 99)	2916	0	0	0	0	0	0	0	0	0		2	5
Tetrabromodiphenyl ether BDE 47	2919	0	0	0	0	0	0	0	0	0			

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
11 Rubber industry	30	11	36,6667	5	16,6667

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Arsenic and its compounds	1369	2	0
Chloroform	1135	1	0
Octylphenol ethoxylates	6370, 6371	1	1
Nonylphenol ethoxylates	6366, 6369	2	1
Fluoranthene	1191	1	0
Nickel and its compounds	1386	1	1
Linear or branched nonylphenols	6598	5	2
Tetrachlorethylene	1272	1	1
Zinc and its compounds	1383	4	1
		18	7

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Nonylphenol ethoxylates	6366, 6369	526,8782456	549,391070406667	95,9
Tetrachlorethylene	1272	38,716	45,2184416666667	85,62
Linear or branched nonylphenols	6598	94,5365608214286	133,248477810695	70,95
Nickel and its compounds	1386	137,250927333333	241,1185435	56,92

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Octylphenol ethoxylates	6370, 6371	15,6051244	50,8380206921667	30,7
Zinc and its compounds	1383	251,628666666667	3099,4219756928 6	8,12
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 12.1 Finishing

1 Sector data

70 sites
433 samples
38 substances in the Sector specific list

2 Sector specific list

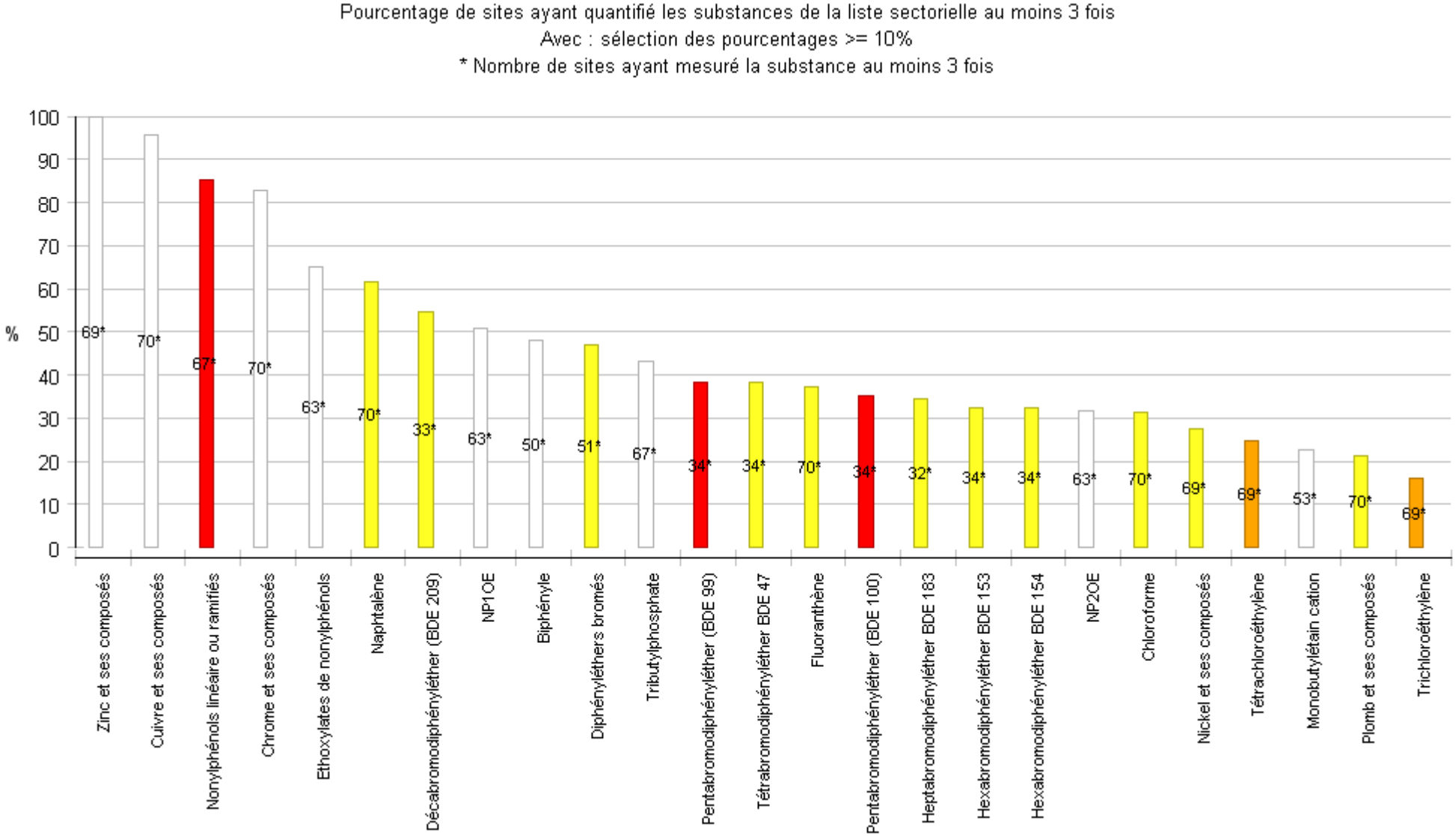
Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Benzo(a)pyrene	1115	0,01	2	10
Benzo (b) Fluoranthene	1116	0,01	2	10
Benzo(ghi)perylene	1118	0,01	2	10
Benzo (k) Fluoranthene	1117	0,01	2	10
C10-C13-chloroalkanes	1955	10	2	10
Chloroform	1135	1	20	100
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Decabromodiphenyl ether (BDE-209)	1815	0,05		
Fluoranthene	1191	0,01	4	30
Heptabromodiphenyl ether (BDE-183)	2910	0,05		
Hexabromodiphenyl ether (BDE-153)	2912	0,05		
Hexabromodiphenyl ether (BDE 154)	2911	0,05		
Indeno (1,2,3-cd) Pyrene	1204	0,01	2	10
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Pentabromodiphenyl ether (BDE 100)	2915	0,05		
Pentabromodiphenyl ether (BDE 99)	2916	0,05		
Lead and its compounds	1382	5	20	100
Tetrabromodiphenyl ether (BDE 47)	2919	0,05		
Tetrachlorethylene	1272	0,5	2	5
Tributyl phosphate	1847	0,1	300	2 000
Trichloroethylene	1286	0,5	2	5
Zinc and its compounds	1383	10	200	500
Benzene	1114	1	20	100
Biphenyl	1584	0,05	300	2 000
Cadmium and its compounds	1388	2	2	10
Dibutyltin cation	7074	0,02	300	500

Hexachlorobenzene	1199	0,01	2	5
Mercury and its compounds	1387	0,5	2	5
Monobutyltin cation	2542	0,02	300	500
Pentachlorobenzene	1888	0,02	2	5
Toluene	1278	1	300	1 000
Tributyltin cation	2879	0,02	2	5
Xylenes (total o, m, p)	1780	2	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	2,95601306693003	29,9115822321544	53	92,464259796807	235,641433946482	182,833735909823	372,658102766798	3389,28
Copper and its compounds	1392	5.00	0,831580822692399	5,74756389776358	16,1301677012879	41,2611446274254	75,8078536905513	89,8587185338705	175,981256728981	457,03462489695
Chrome and its compounds	1389	5.00	0	2,5	6,6524050715109	17,4126425217975	85,4815689936027	54,280545112782	141,431403285872	1040,757768717757
Decabromodiphenyl ether (BDE-209)	1815	0.50	0	0,003423930819650 85	0,015	0,025	10,4530780742684	0,057864251917115 4	33,45512	210,068074313658
Nonylphenol ethoxylates	6366, 6369	0.10	0	0,1	0,114855184595294	0,665884752677206	15,5576347803204	3,68190388803743	31,0103818824246	265,118673720683
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0.05	0	0,02	0,049669046809475 2	0,146753523434939	9,79866769648395	0,206308180535966	13,1735729326528	210,814921273267
Chloroform	1135	1.00	0	0,082895752407222 3	0,435267733540063	0,5	6,74228005843841	1,77908566588691	12,9686124245883	119,233882453642
NP1OE	6366		0	0,05	0,064855184595294 4	0,323398897486995	11,0475345892573	1,99265101962293	12,8550359145921	265,068673720683
Linear or branched nonylphenols	6598	0.10	0,05	0,05	0,195543679922562	0,883092982992158	27,0469458305554	5,9487482862499	12,3685693106004	1620,876732 10535
NP2OE	6369		0	0,015502686731927 5	0,05	0,122149059055118	4,51010019106308	0,986976724377793	12,3280885952031	79,7407943897293
C10-C13-chloroalkanes	1955	10.00	0	0	0	2,5	579,153767618688	5	11,9785655399835	31285,968391401
Nickel and its compounds	1386	10.00	0	0,866083791650673	2,60179733498606	5	66,2213644246304	6,89604292421194	11,1137675008053	4531,42756410256
Tetrachlorethylene	1272	0.50	0	0	0,070698990893428 5	0,25	118,705805128454	0,372217405801934	9,34292027876933	8319,602004411

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Lead and its compounds	1382	5.00	0	0	1,24283202978115	2,5	4,28416825479407	3,40463121783876	8,35645487480809	36,162223869533
Tributyl phosphate	1847	0.10	0	0,034582366589327 1	0,05	0,12514450867052	38,3138612118159	0,811849512589029	4,77743775038413	2295,12800501472
Trichloroethylene	1286	0.50	0	0	0,038665413640570 8	0,25	2,13503687559868	0,25	1,81666666666667	59,1871756616502
Xylenes (total o, m, p)	1780	2.00	0	0	0,1	0,5	374,759957490581	1	1,78082504483939	20937,536
Naphthalene	1517	0.05	0,002391258887494 77	0,010738117427772 6	0,030850252983912 8	0,102802935385717	0,76157308106297	0,272093045112782	1,23382252349786	15,9502142400541
Toluene	1278	1.00	0	0	0,082895752407222 3	0,491304769792179	13,1088544224981	0,640261020881671	1,09499547466867	719,488
Cadmium and its compounds	1388	2.00	0	0	0	0,5	0,661367701713214	1	1	10,5281557352585
Biphenyl	1584	0.05	0	0,005	0,025	0,112668105871106	0,297920315713262	0,389695945753477	0,797822626627388	1,74966902538632
Benzene	1114	1.00	0	0	0	0,241943238900206	0,336382766030733	0,5	0,5	3,06606280193237
Mercury and its compounds	1387	0.50	0	0	0	0,146776657500764	0,144383979968757	0,25	0,25	0,502757619738752
Monobutyltin cation	2542	0.02	0	0	0,006071728255607 55	0,011373055118110 2	0,057444116551914 5	0,062301587301587 3	0,10349074912666 6	0,84344
Fluoranthene	1191	0.01	0	0,005	0,005	0,011526613816534 5	0,046593813998518	0,022979127134724 9	0,065562078360145 3	0,981071976377953
Dibutyltin cation	7074	0.02	0	0	0,002768487516438 01	0,01	0,118156329314192	0,01	0,046	5,50568
Tetrabromodiphenyl ether BDE 47	2919	0.50	0	6,59372020725389E-4	0,002908463129276 75	0,017504429133858 3	0,023136275409235 1	0,025	0,038066207800721 1	0,26768
Pentachlorobenzene	1888	0.02	0	0	0,001657915048144 45	0,009727443302333 17	0,016744315681607 1	0,01	0,026729170063590 4	0,226214241883981
Heptabromodiphenyl ether BDE 183	2910	0.50	0	2,51426057615558E-	0,002549088796794	0,013534028837163	0,020067430833651	0,025	0,025	0,135398410873681

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

				6	79	5	4			
Hexabromodiphenyl ether BDE 153	2912	0.50	0	6,59372020725389E-4	0,002908463129276 75	0,017156900026619	0,031144124449205 1	0,025	0,025	0,430619480659995
Hexabromodiphenyl ether BDE 154	2911	0.50	0	6,59372020725389E-4	0,002549088796794 79	0,017156900026619	0,017876748860318 9	0,025	0,025	0,124713395682343
Pentabromodiphenyl ether (BDE 99)	2916	0.50	0	6,59372020725389E-4	0,002549088796794 79	0,017504429133858 3	0,025852294191177 1	0,025	0,025	0,41064
Pentabromodiphenyl ether (BDE 100)	2915	0.50	0	1,30919920582396E-5	0,0025	0,014733235438081 3	0,017560193558252 1	0,025	0,025	0,12144042348682
Indeno (1,2,3-cd) Pyrene	1204	0.01	0	0	0,001525397075011 79	0,005	0,013439603091067 5	0,005	0,023626760563380 3	0,214299110452187
Benzo(a)pyrene	1115	0.01	0	0	8,28957524072223E-4	0,005	0,015048390717080 1	0,005	0,023450797872340 4	0,249869858267716
Benzo (b) Fluoranthene	1116	0.01	0	8,40057069762865E-4	0,0025	0,005	0,020812187158119 3	0,006769451073985 68	0,020491478153083 4	0,408886594488189
Tributyltin cation	2879	0.02	0	0	0,002933557439511 21	0,01	0,10354458134675	0,01	0,016932390764834 2	3,59533728687917
Benzo(ghi)perylene	1118	0.01	0	0	0,002400136167355 28	0,005	0,016981869045401 2	0,006384822347076 05	0,015350447586922 7	0,276325984251968
Benzo (k) Fluoranthene	1117	0.01	0	0	8,66083791650673E-4	0,005	0,013421191116903 8	0,005	0,015350447586922 7	0,214299110452187
Hexachlorobenzene	1199	0.01	0	0	8,78503885305364E-4	0,005	0,011303628194732 1	0,005	0,006035193841077 81	0,214992587101557

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	4,49855	13,4047783333333	34,464907483333	68,6658512825429	75,693166666667	184,40191666667	568,51848333333	4806,609589778	11,83	200	500
Copper and its compounds	1392	0	0,09017	2,53324	11,144901333333	44,9407864273714	51,264166666667	106,0627232	403,208219616	3145,855049916	12,82	200	500
Chrome and its compounds	1389	0	0	1,137997333333	9,54106665	34,2693993797333	29,117080333333	87,3060014	384,796356	2398,857956581	16,04	200	500
Nonylphenol ethoxylates	6366, 6369	0	0	0	0,20806056	9,9663486848284	1,0757232	7,909837	244,46844185	627,8799671441	38,94	2	10
Chloroform	1135	0	0	0	0	2,01633108233333	0,310024	7,235027333333	28,3242075	141,1431757633	20,07	20	100
Linear or branched nonylphenols	6598	0	0	0,089080666666 6667	0,36519543	8,26467846939433	1,510329733333	5,91589675	417,2817476666 67	553,7334574494 2	75,36	2	10
Nickel and its compounds	1386	0	0	0	0	2,1251236947619	0	4,561848	47,9736018	148,7586586333 33	32,25	20	100
NP1OE	6366	0	0	0	0,108672	7,50973352294066	0,33354944	3,623580666666 67	166,25406555	473,1132119452 61	35,14		
Tetrachlorethylene	1272	0	0	0	0	32,0682545307108	0	3,526282	2052,079752	2212,709562619 05	92,74	2	5
NP2OE	6369	0	0	0	0,02850125	2,45661516188775	0,311562133333333	2,581911666666 67	78,2143763	154,7667551989 28	50,54		
Tributyl phosphate	1847	0	0	0	0,023318333333 3333	10,6488061422424	0,54031795824	2,235406216666 67	590,862343867	713,4700115302 4	82,82	300	2000
Decabromodiphenyl ether (BDE-209)	1815	0	0	0	0	3,871718635150 05	0,03345512	1,437692334218	58,95274	181,9707758520	32,4		

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

								8		52			
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0	0	0	0	3,57777838071533	0,03430524	1,437692334218	58,95274	182,4666974164 82	32,31	2	5
Lead and its compounds	1382	0	0	0	0	0,994319160142857	0	1,37453195	17,43466666666 67	69,602341 21	25,05	20	100
C10-C13-chloroalkanes	1955	0	0	0	0	141,744088345577	0	1,345580583333 33	7034,12856	7370,69259397	95,43	2	10
Trichloroethylene	1286	0	0	0	0	0,478556463222912	0	0,6796	14,598872	33,020395962381	44,21	2	5
Biphenyl	1584	0	0	0	0,022196416666 6667	0,147527417108863	0,170022816666 667	0,5713952	1,006800833333 33	7,523898272552	13,38	300	2000
Naphthalene	1517	0	0	0	0,0232871	0,296435445713695	0,130729083333 333	0,545201365	6,34041895	20,750481199995 87	30,56	20	100
Toluene	1278	0	0	0	0	0,093461519637735 9	0	0,1964934	1,8603201408	4,9534605408	37,56	300	1000
Monobutyltin cation	2542	0	0	0	0	0,016033277786666 7	0,0060865	0,05891424	0,1279808	0,881830278266 667	14,51	300	500
Fluoranthene	1191	0	0	0	0,001233668168	0,013791385023066 7	0,011505833333 3333	0,025431	0,41532047	0,965396951614 667	43,02	4	30
Benzo (b) Fluoranthene	1116	0	0	0	0	0,005289757763693 99	0	0,011160608333 3333	0,173095325	0,322675223585 333	53,64	2	10
Benzo(a)pyrene	1115	0	0	0	0	0,003847698646972 68	0	0,011088625	0,10577824	0,234709617465 333	45,07	2	10
Indeno (1,2,3-cd) Pyrene	1204	0	0	0	0	0,002590848427720 43	0	0,007805	0,048181583333 3333	0,160632602518 667	29,99	2	10

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Benzo (k) Fluoranthene	1117	0	0	0	0	0,002660953184677 6	0	0,005316666666667	0,051594415	0,162318144265333	31,79	2	10
Dibutyltin cation	7074	0	0	0	0	0,005184204956993 94	0	0,004055	0,092623166666 6667	0,285131272634 667	32,48	300	500
Benzo(ghi)perylene	1118	0	0	0	0	0,003796971713956 99	0	0,00378 628	0,116978	0,235412246265333	49,69	2	10
Pentachlorobenzene	1888	0	0	0	0	0,0034043 7504968	0	0,003400452484	0,057975	0,170218752484	34,06	2	5
Hexabromodiphenyl ether BDE 153	2912	0	0	0	0	0,003590874088297 39	0	7,156E-5	0,119026845	0,183134578503167	64,99		
Benzene	1114	0	0	0	0	0,050161764705882 4	0	0	1,2889	2,55825	50,38	20	100
Cadmium and its compounds	1388	0	0	0	0	0,097984444444444 5	0	0	4,9972066666666 67	4,9972066666666 67	100	2	10
Heptabromodiphenyl ether BDE 183	2910	0	0	0	0	0,002016295361666 67	0	0	0,046062495	0,09678217736	47,59		
Hexabromodiphenyl ether BDE 154	2911	0	0	0	0	9,2403676 4705882E-4	0	0	0,029625875	0,047125875	62,87		
Hexachlorobenzene	1199	0	0	0	0	0,002989953781 84	0	0	0,072382366666 6667	0,149497689092	48,42	2	5
Mercury and its compounds	1387	0	0	0	0	0,008397575757575 76	0	0	0,461866666666 667	0,461866666666 667	100	2	5
Pentabromodiphenyl ether (BDE 100)	2915	0	0	0	0	5,6761990 1960784E-4	0	0	0,028848375	0,028948615	99,65	2	5
Pentabromodiphenyl ether (BDE 99)	2916	0	0	0	0	0,001829691442483 66	0	0	0,042512498566 6667	0,093314263566 6667	45,56	2	5
Tetrabromodiphenyl ether BDE 47	2919	0	0	0	0	9,1404029 4117647E-4	0	0	0,028848375	0,046616055	61,89		

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Tributyltin cation	2879	0	0	0	0	0,024575692782716 1	0	0	0,80835166666667	1,3270874102666 7	60,91	2	5
Xylenes (total o, m, p)	1780	0	0	0	0	0,585332945897436	0	0	20,937536	30,437313186666 7	68,79	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
12.1 Finishing	70	37	52,8571	19	27,1429

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
C10-C13-chloroalkanes	1955	6	3
Chloroform	1135	2	0
Chrome and its compounds	1389	3	0
Copper and its compounds	1392	4	0
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	5	5
Nonylphenol ethoxylates	6366, 6369	15	7
Nickel and its compounds	1386	2	0
Linear or branched nonylphenols	6598	14	6
Tetrachlorethylene	1272	9	6
Tributyl phosphate	1847	1	0
Trichloroethylene	1286	4	2
Zinc and its compounds	1383	6	1
Cadmium and its compounds	1388	1	0
		72	30

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
C10-C13-chloroalkanes	1955	7325,31289333333	7370,69259397	99,38

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Tetrachlorethylene	1272	2166,36669328571	2212,70956261905	97,91
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	153,610079391067	182,466697416482	84,19
Nonylphenol ethoxylates	6366, 6369	518,734270916667	627,879967144189	82,62
Linear or branched nonylphenols	6598	439,843107903333	553,733457449 42	79,43
Trichloroethylene	1286	11,2884053333333	33,020395962381	34,19
Zinc and its compounds	1383	68,5184833333334	4806,609589778	1,43
Flows*: based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 12.2 Commercial laundry

1 Sector data

157 sites
953 samples
29 substances in the Sector specific list

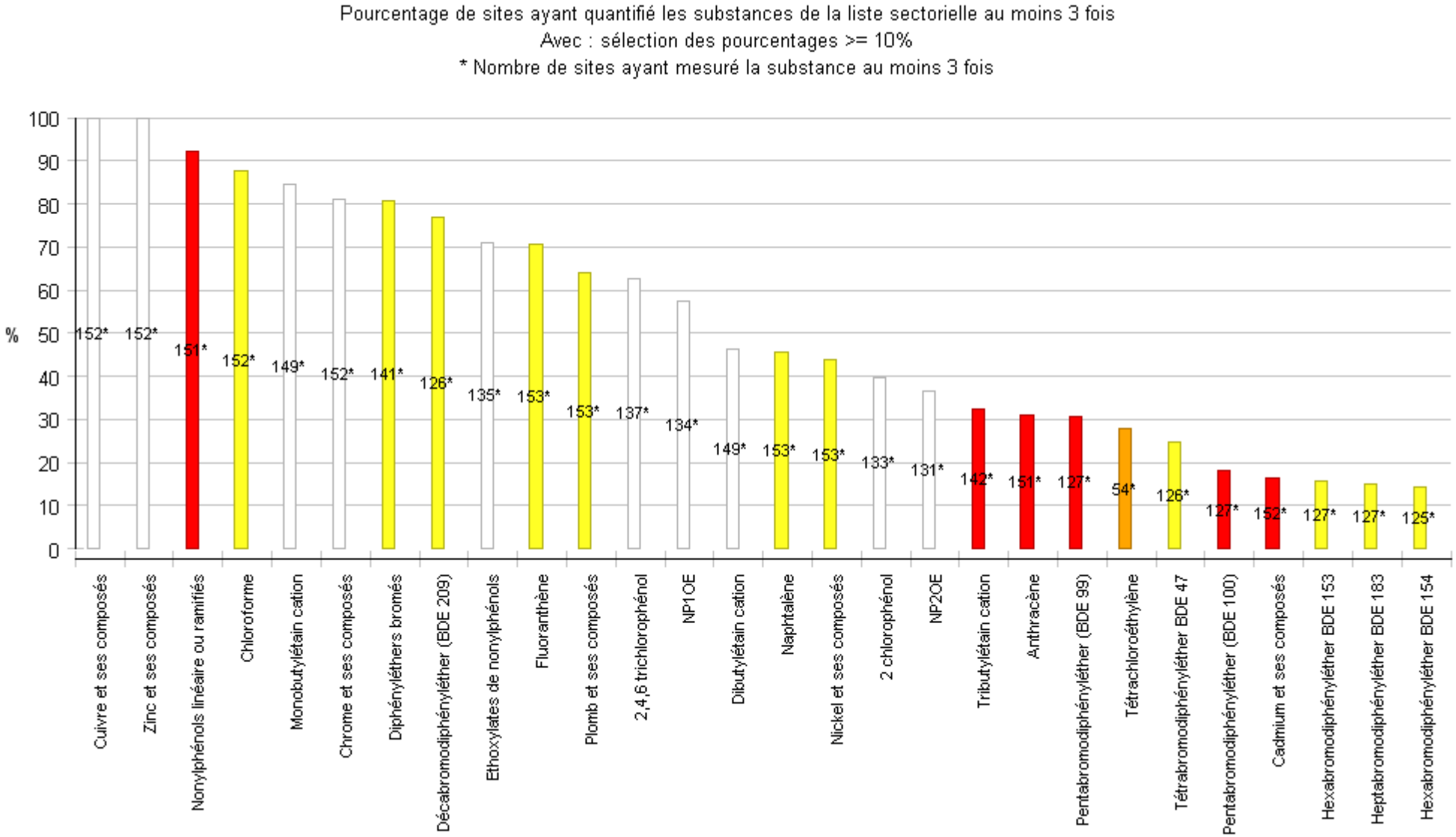
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Anthracene	1458	0,01	2	10
Cadmium and its compounds	1388	2	2	10
Chloroform	1135	1	20	100
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Decabromodiphenyl ether (BDE-209)	1815	0,05		
Dibutyltin cation	7074	0,02	300	500
Fluoranthene	1191	0,01	4	30
Heptabromodiphenyl ether (BDE-183)	2910	0,05		
Hexabromodiphenyl ether (BDE-153)	2912	0,05		
Hexabromodiphenyl ether (BDE 154)	2911	0,05		
Mercury and its compounds	1387	0,5	2	5
Monobutyltin cation	2542	0,02	300	500
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Pentabromodiphenyl ether (BDE 100)	2915	0,05		
Pentabromodiphenyl ether (BDE 99)	2916	0,05		
Lead and its compounds	1382	5	20	100
Tetrabromodiphenyl ether (BDE 47)	2919	0,05		
Tetrachlorethylene	1272	0,5	2	5
Tributyltin cation	2879	0,02	2	5
Trichloroethylene	1286	0,5	2	5
Zinc and its compounds	1383	10	200	500
2 chlorophenol	1471	0,1	300	500
2,4,6 Trichlorophenol	1549	0,1	300	500
Carbon tetrachloride	1276	0,5	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	9,96470588235294	79,0060916179337	142,958534899793	269,298692718431	376,077542449203	496,368303571428	869,987952778578	1537,889141198937
Copper and its compounds	1392	5.00	2,5	13,9747572815534	26,7396321513839	41,5255325929082	78,7042778643446	92,2470724637681	200,982697799429	415,61027830487
Chloroform	1135	1.00	0	0,5	3,74044550779639	15,2966314731021	49,9304312276568	48,7399380804953	119,612351851852	841,361963190184
Lead and its compounds	1382	5.00	0	2,5	2,93079152542373	7,13360323388664	26,2810380092738	23,1488651535381	69,5819083274309	582,998577836123
Chrome and its compounds	1389	5.00	0	2,5	4,88098352996145	8,32262127211852	19,7279985400172	17,7	39,7960133562683	262,638109636598
Nickel and its compounds	1386	10.00	0	3,96893500819224	5	6,35030541700071	16,9358713018254	14,1012197179297	31,4305913978495	408,319672131148
Nonylphenol ethoxylates	6366, 6369	0.10	0	0,1	0,240274409700064	1,0916666666667	3,62766498345321	3,06602013258041	9,26795337811142	66,6079405233176
Linear or branched nonylphenols	6598	0.10	0,025	0,147002156721783	1,1361870093417	2,54537675408726	4,59501952144887	4,69250296325563	9,06200208885675	87,1479229711142
NP1OE	6366		0	0,05	0,061887783824357 3	0,60863184079602	1,9119054962394	1,58725187234697	4,70195712954334	30,3186892637798
Tetrachlorethylene	1272	0.50	0	0	0,200043859649123	0,25	6,18392203544408	0,492884914463453	4,34867570650108	247,800535560035
NP2OE	6369		0	0	0,05	0,28955528266304 1	1,74095160515445	1,23164622986823	3,90974366080089	41,8104714064915
Cadmium and its compounds	1388	2.00	0	0	0,5	1	1,26221237850166	1	3,01799163179916	15,0209636108513
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0.05	0	0,15	0,228852908587258	0,494970334538737	0,932850559181319	0,996795777299293	1,72	23,223934215362
Decabromodiphenyl ether (BDE-209)	1815	0.50	0	0,025	0,088671923319422 3	0,335541376081546	0,768041626840942	0,780052356020942	1,46925909574033	23,1844297439667
2,4,6 Trichlorophenol	1549	0.10	0	0,0313349	0,0653009	0,1744448	0,5331385	0,5630985	1,3	5,5024225

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

				320543565	723150004	88178914	70615596	94040145		1739405
2 chlorophenol	1471	0.10	0	0,005775101064268 63	0,05	0,086879529225612	0,714739055629514	0,280820162323793	0,758398268398268	52
Monobutyltin cation	2542	0.02	0	0,015677749360613 8	0,033755514593435 1	0,098199510085666 6	0,350448523052347	0,246032443811529	0,634975359854434	10,3526697052568
Mercury and its compounds	1387	0.50	0	0	0,02503	0,192022973835354	0,184510408797325	0,25	0,25	2,07582608695652
Carbon tetrachloride	1276	0.50	0	0	0	0,25	0,161075707019517	0,25	0,25	1,0111762840837
Trichloroethylene	1286	0.50	0	0	0	0,25	0,576732790435324	0,25	0,25	17,991408964392
Naphthalene	1517	0.05	0	0,008411764705882 35	0,025	0,044705728654129 4	0,082115243836745 1	0,110161367998604	0,160962723291547	1,41220508426164
Dibutyltin cation	7074	0.02	0	0,003780822746481 7	0,01	0,024866412213740 5	0,080708336739782 7	0,072742870391838 6	0,154487979539642	3,308
Fluoranthene	1191	0.01	0	0,005	0,010377575671450 9	0,030765101889283 1	0,066328803965103 9	0,075337209302325 6	0,143003547357219	1,35366832298137
Tributyltin cation	2879	0.02	0	0	0,01	0,013942968120884 8	0,049702245610639 1	0,044994684889901 3	0,117354691550026	1,22323911630929
Pentabromodiphenyl ether (BDE 99)	2916	0.50	0	0	0,013296713451271 5	0,025	0,052764414863727 1	0,040381617873651 8	0,1	0,902692351728956
Tetrabromodiphenyl ether BDE 47	2919	0.50	0	0	0,013873602751504 7	0,025	0,038937802747680 3	0,030263157894736 8	0,068637786056413	0,609771035976249
Anthracene	1458	0.01	0	0,004094109109813 82	0,005	0,007903578027885 1	0,016117403962937 6	0,017913211073472 7	0,033822513287775 2	0,22243850931677
Pentabromodiphenyl ether (BDE 100)	2915	0.50	0	0	0,005751413621126 65	0,025	0,021108131877246 5	0,025	0,027146454545454 6	0,164993958435208
Heptabromodiphenyl ether BDE 183	2910	0.50	0	0	0,004430898305084 75	0,025	0,019251622316470 5	0,025	0,025	0,299242155646162

Hexabromodiphenyl ether BDE 153	2912	0.50	0	0	0,005	0,025	0,018090250404425 3	0,025	0,025	0,085934748250169 3
Hexabromodiphenyl ether BDE 154	2911	0.50	0	0	0,005	0,025	0,017282980320124 2	0,025	0,025	0,075481506461753 4

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0,6869284	8,732028	20,1615	36,81598333333333	66,41213076873933	92,74359666666666	166,71128	411,57966666666667	10360,292399233	3,97	200	500
Copper and its compounds	1392	0	1,5109	2,4537	6,178903333333333	15,219772891188	17,25699	45,638955	107,13302	2374,284571025333	4,51	200	500
Chloroform	1135	0	0	0,481213333333333	2,165783333333333	9,894568555708 49	10,99716	24,61392	228,57	1543,552694690 52	14,81	20	100
Lead and its compounds	1382	0	0	0	0,86825	5,458708271159 24	5,171243333333333	14,668179166666667	86,11161	857,017198572	10,05	20	100
Chrome and its compounds	1389	0	0	0	1,2388	3,591730019935 9	3,713333333333333	8,96232625	78,174233333333 3	560,30988311	13,95	200	500
Nickel and its compounds	1386	0	0	0	0	2,902601562951 17	2,8295408	6,922706	131,5116	455,7084453833 34	28,86	20	100
Linear or branched nonylphenols	6598	0	0,01590025	0,11570384	0,367448	0,935976118490984	1,004726666666667	2,099578	25,342616	145,0762983661 03	17,47	2	10
Nonylphenol ethoxylates	6366, 6369	0	0	0,017496	0,200270786666667	0,601670472482494	0,437468	1,4876974	22,995281333333 3	83,632195675067	27,5	2	10
Tetrachlorethylene	1272	0	0	0	0	1,335179425087 72	0,054783333333333 3	0,983703333333333	43,030563	76,10522723	56,54	2	5
NP2OE	6369	0	0	0	0,0386848	0,301281034329676	0,224323833333333	0,654519166666667	12,772983333333 3	41,576782737493	30,72		
NP1OE	6366	0	0	0	0,075719808	0,304749369112836	0,26477	0,610960233333333	10,222298	42,055412937571 4	24,31		
Cadmium and its compounds	1388	0	0	0	0	0,127538770961538	0	0,389604666666	2,7225	19,89604827	13,68	2	10

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

								667					
2,4,6 Trichlorophenol	1549	0	0	0	0,027068333333333	0,096017174325768 3	0,10017	0,2704966	1,286664	13,538421579933	9,5	300	500
Decabromodiphenyl ether (BDE-209)	1815	0	0	0,0164803125	0,049641884208	0,143271907701793	0,1189600556	0,24445975904	3,1542416666666 67	20,4878828013563	15,4		
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0	0	0,01683	0,0629496	0,152121355113364	0,1364565	0,24445975904	3,1542416666666 67	21,753353781211	14,5	2	5
2 chlorophenol	1471	0	0	0	0	0,084351038203357 3	0,0460907	0,1364017536	4,0839552	11,724794310266 7	34,83	300	500
Monobutyltin cation	2542	0	0	0,00422245	0,0127175	0,072670404011754 4	0,041700384	0,131995746666667	1,6534776	11,045901409786 7	14,97	300	500
Naphthalene	1517	0	0	0	0	0,014532951223325	0,0197707248	0,04093995	0,164804333333333	2,281673342062 02	7,22	20	100
Fluoranthene	1191	0	0	7,291666666666 67E-4	0,00448849712	0,014048367458896 1	0,013782833333333	0,029405592	0,363234333333333	2,205593691046 69	16,47	4	30
Dibutyltin cation	7074	0	0	0	0,002663053333333333	0,009896544250043 86	0,0104604	0,0244359936	0,09450872	1,504274726006 67	6,28	300	500
Tributyltin cation	2879	0	0	0	0	0,005600545437732 43	0,005885533333333333	0,01487234	0,08577295	0,823280179346 667	10,42	2	5
Pentabromodiphenyl ether (BDE 99)	2916	0	0	0	0	0,004464341577344 68	0	0,01482784	0,078341366666 6667	0,629472162405 6	12,45	2	5
Tetrabromodiphenyl ether BDE 47	2919	0	0	0	0	0,002694949910931 44	0	0,008233366666666667	0,0430986	0,379987937441 333	11,34		
Anthracene	1458	0	0	0	0	0,002821921189248 99	0,002747614	0,007093	0,059687666666 6667	0,437397784333 593	13,65	2	10

Heptabromodiphenyl ether BDE 183	2910	0	0	0	0	0,001002636914285 71	0	0	0,112535	0,140369168	80,17		
Hexabromodiphenyl ether BDE 153	2912	0	0	0	0	3,18666885352246E-4	0	0	0,02740356	0,044932030834 6667	60,99		
Hexabromodiphenyl ether BDE 154	2911	0	0	0	0	9,58603892719425E-5	0	0	0,01125	0,013324594108 8	84,43		
Mercury and its compounds	1387	0	0	0	0	0,008265963482905 98	0	0	0,5968	1,289490303333 33	46,28	2	5
Pentabromodiphenyl ether (BDE 100)	2915	0	0	0	0	4,06986433079905E-4	0	0	0,019389168	0,057385087064 2667	33,79	2	5
Carbon tetrachloride	1276	0	0	0	0	0,003359234609929 08	0	0	0,25514	0,47365208	53,87	2	5
Trichloroethylene	1286	0	0	0	0	0,074514864912280 7	0	0	3,124208166666 67	4,2473473	73,56	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
12.2 Commercial laundry	157	50	31,8471	7	4,4586

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Cadmium and its compounds	1388	4	0
Chloroform	1135	23	1
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	2	0
Nonylphenol ethoxylates	6366, 6369	7	1
Nickel and its compounds	1386	2	1
Linear or branched nonylphenols	6598	19	2
Lead and its compounds	1382	10	0
Tetrachlorethylene	1272	4	2
Trichloroethylene	1286	1	0
Zinc and its compounds	1383	8	0
		80	7

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Tetrachlorethylene	1272	55,505455	76,10522723	72,93
Nonylphenol ethoxylates	6366, 6369	12,9952813333333	83,6321956750667	15,54
Linear or branched nonylphenols	6598	16,6875344	145,076298366103	11,5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Chloroform	1135	128,57	1543,55269469052	8,33
Nickel and its compounds	1386	31,5116	455,708445383334	6,91
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 13.1 Preparation of chemical pulp

1 Sector data

4 sites
30 samples
10 substances in the Sector specific list

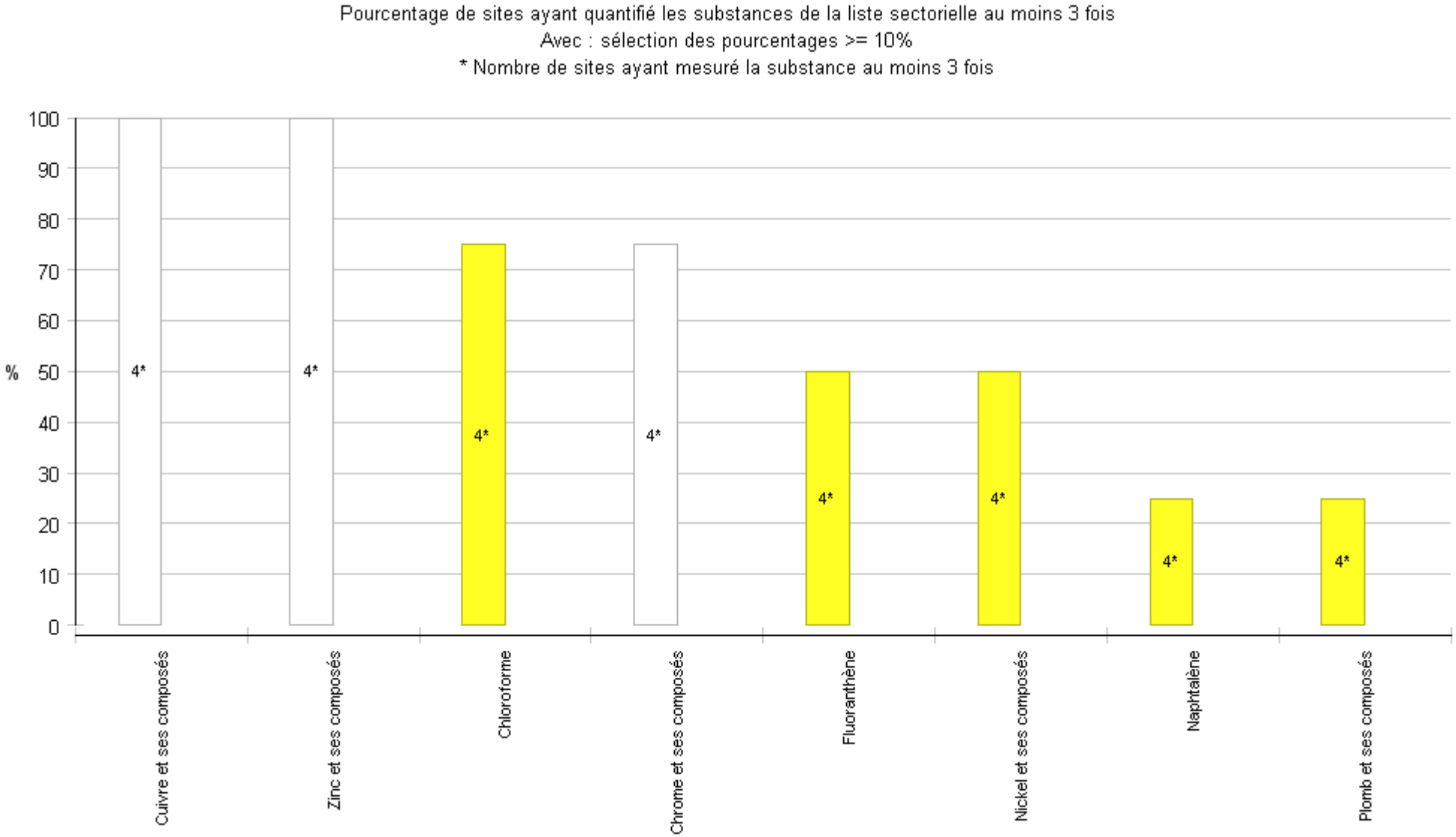
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Cadmium and its compounds	1388	2	2	10
Chloroform	1135	1	20	100
Copper and its compounds	1392	5	200	500
Mercury and its compounds	1387	0,5	2	5
Nickel and its compounds	1386	10	20	100
Lead and its compounds	1382	5	20	100
Zinc and its compounds	1383	10	200	500
Chrome and its compounds	1389	5	200	500
Fluoranthene	1191	0,01	4	30
Naphthalene	1517	0,05	20	100

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire»	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	27,7429974012601	27,7429974012601	61,0421782590915	76,2266843971631	72,9664154153041	98,8278469357861	98,8278469357861	100,992370083219
Copper and its compounds	1392	5.00	4,9265218006795	4,9265218006795	6,01080533868062	9,11928191489362	11,5586457222061	13,2400298539389	13,2400298539389	24,4965897028379
Chrome and its compounds	1389	5.00	1,57005001887505	1,57005001887505	10,1821187943262	10,4347733286212	11,8593652316774	12,0002266883844	12,0002266883844	25,1096573281803
Nickel and its compounds	1386	10.00	0,847214357619227	0,847214357619227	5,721510500026799	8,306063829778723	9,187913950344421	10,960636 5120183	10,960636 5120183	20,104144 5520283
Lead and its compounds	1382	5.00	0	0	2,5	2,5	4,258114349 80124	3,579787234 04255	3,579787234 04255	12,710784 5149637
Chloroform	1135	1.00	0,581854525266873	0,581854525266873	0,872861702 12766	1,070286743 42519	2,215408668 08098	2,083864922 55181	2,083864922 55181	6,468175447 03337
Cadmium and its compounds	1388	2.00	0,691526676733359	0,691526676733359	1	1	0,974985236585873	1	1	1,183399506 19601
Mercury and its compounds	1387	0.50	0	0	0,085947992235196 1	0,25	0,167189598447039	0,25	0,25	0,25
Naphthalene	1517	0.05	0,003780318044545 11	0,003780318044545 11	0,025	0,025	0,028373431409873 5	0,039392428607961 3	0,039392428607961 3	0,048694410396861 2
Fluoranthene	1191	0.01	0,003140100037750 09	0,003140100037750 09	0,005	0,006959991755760 75	0,033641447593335 9	0,029628191489361 7	0,029628191489361 7	0,123478954683807

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	1639,9436	1639,9436	1639,9436	2587,211683333333	2838,969195833333	2870,085333333333	2870,085333333333	4258,636166666667	11355,87678333333	37,5	200	500
Chrome and its compounds	1389	0	0	0	469,7063666666667	473,162683333333	709,3572	709,3572	713,5871666666667	1892,650733333333	37,7	200	500
Copper and its compounds	1392	0	0	0	355,310625	402,933622916667	560,2593666666667	560,2593666666667	696,1645	1611,734491666667	43,19	200	500
Nickel and its compounds	1386	0	0	0	0	241,044583333333	392,842	392,842	571,336333333333	964,178333333333	59,26	20	100
Chloroform	1135	0	0	0	45,363033333333	75,9672958333333	74,68815	74,68815	183,818	303,8691833333333	60,49	20	100
Fluoranthene	1191	0	0	0	0	0,946908208333333	0,278505	0,278505	3,509127833333333	3,787632833333333	92,65	4	30
Cadmium and its compounds	1388	0	0	0	0	0	0	0	0	0		2	10
Mercury and its compounds	1387	0	0	0	0	0	0	0	0	0		2	5
Naphthalene	1517	0	0	0	0	0	0	0	0	0		20	100
Lead and its compounds	1382	0	0	0	0	90,3064166666667	0	0	361,2256666666667	361,2256666666667	100	20	100

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
13.1 Preparation of chemical pulp	4	4	100	4	100

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Chloroform	1135	3	1
Copper and its compounds	1392	3	2
Nickel and its compounds	1386	2	2
Lead and its compounds	1382	1	1
Zinc and its compounds	1383	4	4
Chrome and its compounds	1389	3	2
		16	12

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Zinc and its compounds	1383	9355,87678333333	11355,87678333333	82,39
Nickel and its compounds	1386	764,178333333333	964,178333333333	79,26
Lead and its compounds	1382	261,225666666667	361,225666666667	72,32
Chloroform	1135	83,818	303,869183333333	27,58
Chrome and its compounds	1389	422,944366666667	1892,650733333333	22,35

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Copper and its compounds	1392	256,423866666667	1611,734491666667	15,91
Flows*: based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector: 13.2 Preparation of non-chemical pulp

1 Sector data

3 sites
16 samples
10 substances in the Sector specific list

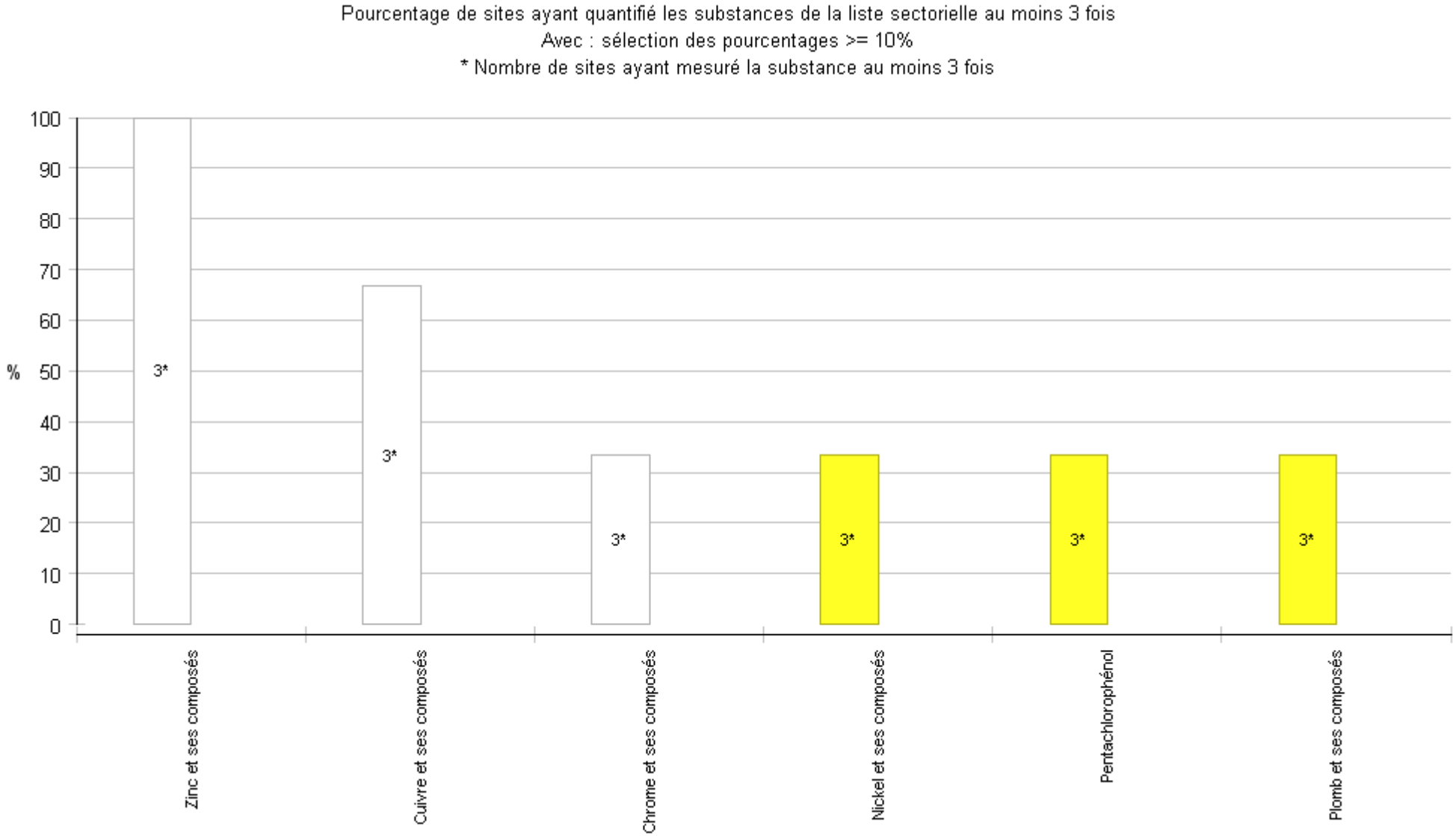
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Cadmium and its compounds	1388	2	2	10
Chloroform	1135	1	20	100
Copper and its compounds	1392	5	200	500
Mercury and its compounds	1387	0,5	2	5
Nickel and its compounds	1386	10	20	100
Pentachlorophenol	1235	0,1	4	30
Zinc and its compounds	1383	10	200	500
Chrome and its compounds	1389	5	200	500
Epichlorhydrin	1494	0,5	300	500
Lead and its compounds	1382	5	20	100

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire»	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	15,9168510421461	15,9168510421461	15,9168510421461	27,124943457189	674,421661686853	27,124943457189	27,124943457189	1980,22319056122
Copper and its compounds	1392	5.00	4,99534733441034	4,99534733441034	4,99534733441034	9,7796280 1630613	37,125884640715	9,7796280 1630613	9,7796280 1630613	96,6026785714286
Nickel and its compounds	1386	10.00	5	5	5	5,92639741518578	12,8409360431572	5,92639741518578	5,92639741518578	27,5964107142857
Lead and its compounds	1382	5.00	0	0	0	3,06692418962457	5,13876682171159	3,06692418962457	3,06692418962457	12,3493762755102
Chrome and its compounds	1389	5.00	2,5	2,5	2,5	3,03557350565428	18,7322421889596	3,03557350565428	3,03557350565428	50,6611530612245
Cadmium and its compounds	1388	2.00	0	0	0	0,5	0,5	0,5	0,5	1
Epichlorhydrin	1494	0.50	0	0	0	0,25	0,166666666666667	0,25	0,25	0,25
Mercury and its compounds	1387	0.50	0	0	0	0,186428571428571	0,145476190476 19	0,186428571428571	0,186428571428571	0,25
Chloroform	1135	1.00	0,036685227644939 4	0,036685227644939 4	0,036685227644939 4	0,1	0,21222840921498	0,1	0,1	0,5
Pentachlorophenol	1235	0.10	0,01	0,01	0,01	0,092737852587283 9	0,103432811390161	0,092737852587283 9	0,092737852587283 9	0,207560581583199

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	3,2277251666667	3,2277251666667	3,2277251666667	13,99195	26,4398248075556	13,99195	13,99195	62,099799256	79,319474422666667	78,29	200	500
Copper and its compounds	1392	0	0	0	1,9831781666666667	1,67087938888889	1,9831781666666667	1,9831781666666667	3,02946	5,0126381666666667	60,44	200	500
Cadmium and its compounds	1388	0	0	0	0	0	0	0	0	0		2	10
Chloroform	1135	0	0	0	0	0	0	0	0	0		20	100
Chrome and its compounds	1389	0	0	0	0	0,52957792	0	0	1,58873376	1,58873376	100	200	500
Epichlorhydrin	1494	0	0	0	0	0	0	0	0	0		300	500
Mercury and its compounds	1387	0	0	0	0	0	0	0	0	0		2	5
Nickel and its compounds	1386	0	0	0	0	0,28847448	0	0	0,86542344	0,86542344	100	20	100
Pentachlorophenol	1235	0	0	0	0	0,035688888888889	0	0	0,10706666666666667	0,10706666666666667	100	4	30
Lead and its compounds	1382	0	0	0	0	0,129092146666667	0	0	0,38727644	0,38727644	100	20	100

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
13.2 Preparation of non-chemical pulp	3	0	0	0	0

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
		0	0

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Flows*: based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 13.3 Paper/ cardboard manufacturing

1 Sector data

93 sites
606 samples
18 substances in the Sector specific list

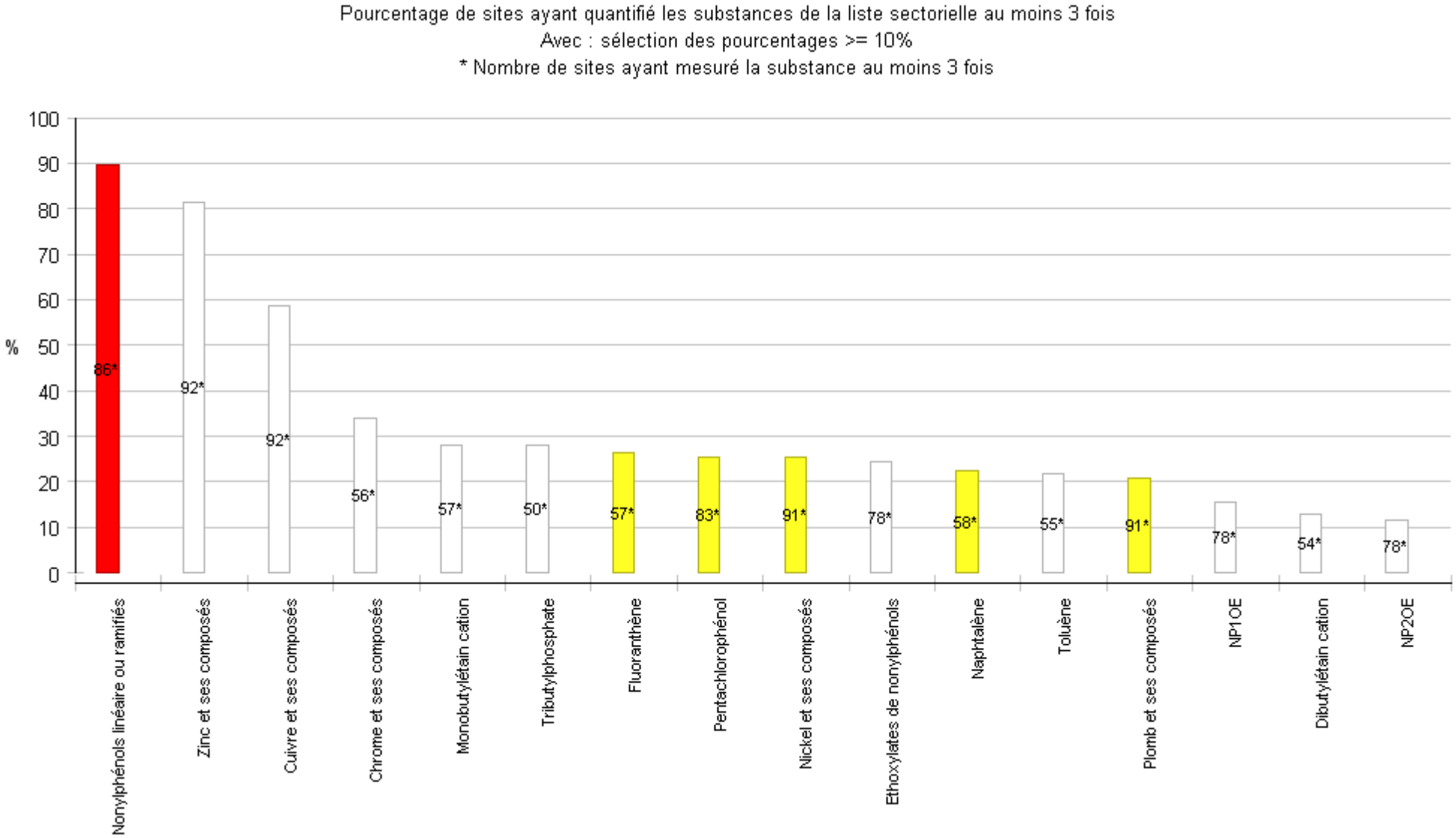
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring thresholds (g/j)	Reduction study thresholds (g/j)
Copper and its compounds	1392	5	200	500
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Pentachlorophenol	1235	0,1	4	30
Lead and its compounds	1382	5	20	100
Zinc and its compounds	1383	10	200	500
Cadmium and its compounds	1388	2	2	10
Chrome and its compounds	1389	5	200	500
Dibutyltin cation	7074	0,02	300	500
Fluoranthene	1191	0,01	4	30
Mercury and its compounds	1387	0,5	2	5
Monobutyltin cation	2542	0,02	300	500
Naphthalene	1517	0,05	20	100
Toluene	1278	1	300	1 000
Tributyltin cation	2879	0,02	2	5
Tributyl phosphate	1847	0,1	300	2 000

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire»	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Copper and its compounds	1392	5.00	0	0,745622119815668	2,5	5,99887660576283	1636,62845652747	23,3082807117058	337,074193548387	46989,8634748457
Zinc and its compounds	1383	10.00	0	5	10,4650890346767	22,5845714964935	328,201767371868	86,6666666666667	264,067300861305	13363,6805685431
Chrome and its compounds	1389	5.00	0	0	2,5	3,03280445969125	7,47486952206977	5,95680880019425	17,989526837479	89,3220338983051
Lead and its compounds	1382	5.00	0	0	1	2,5	5,36353177955462	3,05594684144774	12,5398701298701	88,9176674866155
Nickel and its compounds	1386	10.00	0	0,698382938832904	2,5	5	7,54707828350029	6,06890130353818	11,0092008860112	69,7460995684629
Linear or branched nonylphenols	6598	0.10	0	0,05	0,140513368227472	0,504875267895414	2,78754706154376	2,47458612975392	5,77607054397508	54,957802435724
Nonylphenol ethoxylates	6366, 6369	0.10	0	0,012493410447988 2	0,1	0,1	5,14527903253853	0,279091505782767	2,55763971232308	269,719026356589
NP2OE	6369		0	0,003392310762272 18	0,05	0,05	3,28335267168287	0,128392928579332	1,54185225802823	149,440821705426
Cadmium and its compounds	1388	2.00	0	0	0	0,772142857142857	1,18679040366466	1	1,39577767541839	35,1551213735938
Toluene	1278	1.00	0	0	0,25	0,5	1,28387945596838	0,658771929824561	1,24149725731383	23,1309105155515
NP1OE	6366		0	0,006246705223994 08	0,05	0,05	1,86192636085566	0,118410000656211	0,999174041297935	120,278204651163
Tributyl phosphate	1847	0.10	0	0,025285177900947 6	0,05	0,05	0,934291803620018	0,132982456140351	0,512204039510541	39,1412038422171
Naphthalene	1517	0.05	0	0,005	0,013963673811194 4	0,025	0,150032749981249	0,054183496826312 8	0,390138571428571	1,94481021400778
Pentachlorophenol	1235	0.10	0	0,007110549421311 69	0,025196358625184 1	0,05	2,42767448728947	0,127454974271012	0,254072398190045	219,80611882615
Mercury and its compounds	1387	0.50	0	0	0,033631324870373	0,133757866224959	0,172736750734096	0,25	0,25	1,941501892310 34

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

					7					
Fluoranthene	1191	0.01	0	0,002476668538183 33	0,005	0,005	0,119802990464676	0,025236363636363 6	0,191753721141103	3,04973684210526
Monobutyltin cation	2542	0.02	0	0,003210301330238 58	0,01	0,01	0,040542049690565 7	0,032174710424710 4	0,074792271393127 6	0,487983754749116
Dibutyltin cation	7074	0.02	0	0	0,003105198189548 76	0,01	0,033578342139429 8	0,01	0,035407552583193 6	0,746600943272632
Tributyltin cation	2879	0.02	0	0	0,004471926605504 59	0,01	0,011690144388684 1	0,01	0,016881355932203 4	0,080445285714285 7

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	0	1,153152	26,50172	238,011772943012	95,002	302,34462	10126,734696	21897,083110757 1	46,25	200	500
Copper and its compounds	1392	0	0	0	1,813083333333 33	83,7089636092372	52,11543158333 33	108,332352	3618,06912	7701,224652049 83	46,98	200	500
Linear or branched nonylphenols	6598	0	0	0,00325378	0,284172048	6,53055647916721	5,268948	12,303656666666 67	153,9887266666 67	568,1584136875 47	27,1	2	10
Lead and its compounds	1382	0	0	0	0	4,03152417971014	0	5,386333333333 33	150,432048	370,9002245333 33	40,56	20	100
Chrome and its compounds	1389	0	0	0	0	5,18596729298245	0,074304	4,835516666666 67	88,9661666666 67	295,6001357	30,1	200	500
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	3,61555978870269	0,0219184	1,328483333333 33	192,9600936	282,0136635188 1	68,42	2	10
Tributyl phosphate	1847	0	0	0	0	0,410339473215686	0,005206032	0,82855405	4,603478333333 33	20,927313134	22	300	2000
NP2OE	6369	0	0	0	0	3,03248590156166	0,00261114	0,803244416666 666	192,9600936	236,5339003218 09	81,58		
Pentachlorophenol	1235	0	0	0	0	7,10399321666265	0,0050124	0,490114666666 667	559,260035	589,631436983	94,85	4	30
NP1OE	6366	0	0	0	0	0,583073887141026	0,00108267	0,275331766666 667	32,21953	45,479763197	70,84		
Nickel and its compounds	1386	0	0	0	0	3,29303296113307	0	0,258452	117,997344	302,9590324242 42	38,95	20	100
Monobutyltin cation	2542	0	0	0	0	0,102590477489097	0,002029728333	0,131585166666	3,30865	5,950247694367	55,61	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

							33333	667		62			
Toluene	1278	0	0	0	0	1,76817549047619	0	0,0402581	69,668452	99,017827466666667	70,36	300	1000
Naphthalene	1517	0	0	0	0	0,081343831146892 7	7,15849E-4	0,038420833333333333	2,654272	4,799286037666667	55,31	20	100
Fluoranthene	1191	0	0	0	0	0,026007614073563 2	4,827024E-4	0,0212465	0,62264333333333333	1,508441616266667	41,28	4	30
Dibutyltin cation	7074	0	0	0	0	0,035446310298412 7	0	0,00241585	1,899601666666667	2,020439687009 52	94,02	300	500
Cadmium and its compounds	1388	0	0	0	0	0,030365965608465 6	0	0	1,74048	1,913055833333333	90,98	2	10
Mercury and its compounds	1387	0	0	0	0	0,105396347311828	0	0	4,5143802	6,534573533333333	69,08	2	5
Tributyltin cation	2879	0	0	0	0	0,003259999262605 57	0	0	0,15657666666666667	0,172779960918095	90,62	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
13.3 Paper/cardboard manifacturing	93	41	44,086	19	20,4301

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Copper and its compounds	1392	5	2
Nonylphenol ethoxylates	6366, 6369	5	3
Nickel and its compounds	1386	5	1
Linear or branched nonylphenols	6598	30	15
Pentachlorophenol	1235	2	1
Lead and its compounds	1382	5	1
Zinc and its compounds	1383	14	7
Mercury and its compounds	1387	2	0
		68	30

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Pentachlorophenol	1235	529,260035	589,631436983	89,76
Nonylphenol ethoxylates	6366, 6369	234,968026266667	282,013663518 81	83,32
Zinc and its compounds	1383	13470,8558693333	21897,0831107571	61,52
Linear or branched nonylphenols	6598	316,264461391733	568,158413687547	55,66
Copper and its compounds	1392	3934,080512	7701,224652049	51,08

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

			83	
Lead and its compounds	1382	50,432048	370,900224533333	13,6
Nickel and its compounds	1386	17,997344	302,959032424242	5,94
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 14.1 Steel industry

1 Sector data

40 sites
380 samples
30 substances in the Sector specific list

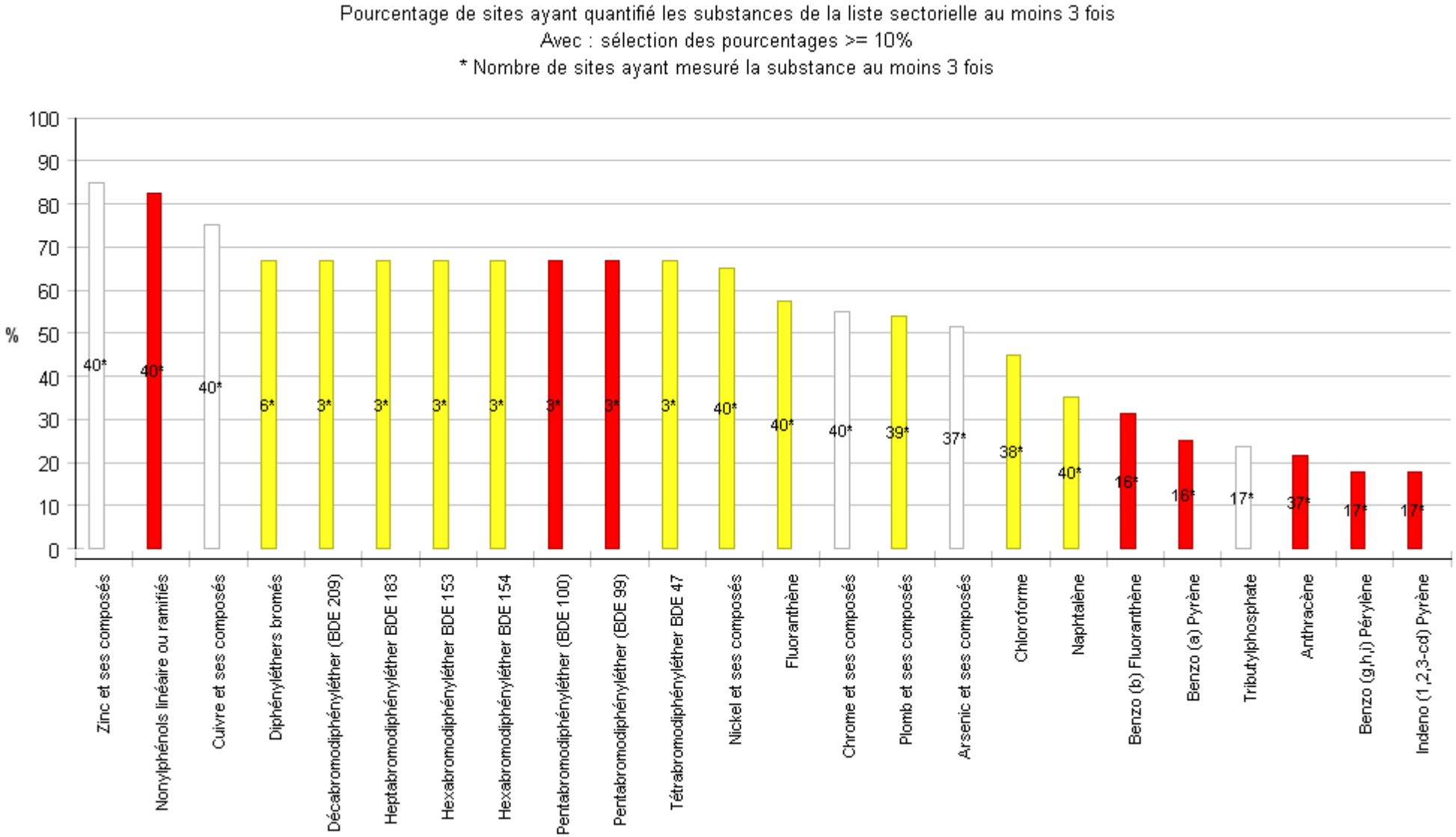
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Anthracene	1458	0,01	2	10
Arsenic and its compounds	1369	5	10	100
Benzo(a)pyrene	1115	0,01	2	10
Benzo (b) Fluoranthene	1116	0,01	2	10
Benzo(ghi)perylene	1118	0,01	2	10
Benzo (k) Fluoranthene	1117	0,01	2	10
Cadmium and its compounds	1388	2	2	10
C10-C13-chloroalkanes	1955	10	2	10
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Decabromodiphenyl ether (BDE-209)	1815	0,05		
Fluoranthene	1191	0,01	4	30
Heptabromodiphenyl ether (BDE-183)	2910	0,05		
Hexabromodiphenyl ether (BDE-153)	2912	0,05		
Hexabromodiphenyl ether (BDE 154)	2911	0,05		
Indeno (1,2,3-cd) Pyrene	1204	0,01	2	10
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Pentabromodiphenyl ether (BDE 100)	2915	0,05		
Pentabromodiphenyl ether (BDE 99)	2916	0,05		
Lead and its compounds	1382	5	20	100
Tetrabromodiphenyl ether (BDE 47)	2919	0,05		
Zinc and its compounds	1383	10	200	500
Benzene	1114	1	20	100
Chloroform	1135	1	20	100
Mercury and its compounds	1387	0,5	2	5
Tributyl phosphate	1847	0,1	300	2 000

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	5	10,4962211894244	24,3526207231255	70,2161051766639	220,060254820904	198,995822454308	745,037134119703	1233,09401309635
Nickel and its compounds	1386	10.00	0	5	5	10,3525061626952	87,7123005980642	49,3390168970814	176,877173088059	1787,85413744741
Copper and its compounds	1392	5.00	0,90949117568665	3,04319404448375	6,01381380232928	9,6102321187494	71,6287070297215	39,9414836430656	143,020679607642	1814,51174496644
Chrome and its compounds	1389	5.00	0	2,5	3,14246743882043	6,32416165090284	16,7825719985398	20,521600471507	45,7476956725512	102,17532065036
Lead and its compounds	1382	5.00	0	0,616919971842474	2,5	2,62766513615493	9,42045565679235	8,26808730544747	22,0579917913426	107,013968775678
Chloroform	1135	1.00	0	0,315006915629322	0,5	0,5	8,54414902997558	3,13654707971103	20,8077264653641	86,5692307692308
Arsenic and its compounds	1369	5.00	0	1,22006409964995	2,5	2,6837617797365	12,5356978954373	5,83757165798822	9,84479793637145	254,760051880674
C10-C13-chloroalkanes	1955	10.00	0	0	0,761203098891083	5	3,98021802550687	5	5	12,9543821277925
Cadmium and its compounds	1388	2.00	0	0	0,420078681384301	1	0,849631053524595	1	1,69577616677104	2,82478899656143
Linear or branched nonylphenols	6598	0.10	0,0026030145952792 4	0,05	0,0656140603270512	0,154354007186377	0,424910499555686	0,422740524781341	1,32680246270963	3,528079095069
Benzene	1114	1.00	0	0	0,25	0,457983193277311	0,885878996728525	0,5	0,5	5,81076064638122
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0.05	0	0	2,3347311827957E-5	4,5974786545925E-4	0,136171010575254	0,3500014	0,3500035	0,3500126
Mercury and its compounds	1387	0.50	0	0	0,130014925373134	0,25	0,198029292664177	0,25	0,25	0,417134276456177
Naphthalene	1517	0.05	0	0,00546032393165561	0,0225863146182814	0,026271676300578	0,187350707198037	0,0519118605700404	0,24074743894742	4,96789477950713
Nonylphenol ethoxylates	6366,	0.10	0	0	0,1	0,1	0,1155723	0,1	0,1320460	0,7648632

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

	6369						54286903		14790468	40156297
Fluoranthene	1191	0.01	0,003407554793681 89	0,005	0,005959577785774 26	0,010947522771522 5	0,14543309057014	0,031997295573975 9	0,092706158174429 5	5,22519472764474
Tributyl phosphate	1847	0.10	0	0,007873255260106 03	0,024715671641791	0,05	0,078442970981494	0,05	0,087936241610738 2	0,436177162776706
NP1OE	6366		0	0	0,05	0,05	0,047749054307433 6	0,05	0,074230138782646 7	0,085290195953046 4
NP2OE	6369		0	0	0,05	0,05	0,067823299979469 8	0,05	0,065524746518500 2	0,714863240156297
Decabromodiphenyl ether (BDE-209)	1815	0.50	0	0	3,33533026113671E-6	5,5E-6	0,019446245408982 6	0,0500002	0,0500005	0,0500018
Heptabromodiphenyl ether BDE 183	2910	0.50	0	0	3,33533026113671E-6	5,5E-6	0,019446245408982 6	0,0500002	0,0500005	0,0500018
Hexabromodiphenyl ether BDE 153	2912	0.50	0	0	3,33533026113671E-6	5,5E-6	0,019446245408982 6	0,0500002	0,0500005	0,0500018
Hexabromodiphenyl ether BDE 154	2911	0.50	0	0	3,33533026113671E-6	4,30507761966365E-4	0,019493538121358 6	0,0500002	0,0500005	0,0500018
Pentabromodiphenyl ether (BDE 100)	2915	0.50	0	0	3,33533026113671E-6	5,5E-6	0,019446245408982 6	0,0500002	0,0500005	0,0500018
Pentabromodiphenyl ether (BDE 99)	2916	0.50	0	0	3,33533026113671E-6	5,5E-6	0,019446245408982 6	0,0500002	0,0500005	0,0500018
Tetrabromodiphenyl ether BDE 47	2919	0.50	0	0	3,33533026113671E-6	5,5E-6	0,019446245408982 6	0,0500002	0,0500005	0,0500018
Benzo (b) Fluoranthene	1116	0.01	0	0	0,004951865671641 79	0,006378312519037 47	0,054659287405147	0,008531803967859 51	0,028804313848077 5	0,907244658710714
Anthracene	1458	0.01	0	0,002287058896620 28	0,005	0,005	0,038145680801769 9	0,009352938417679 75	0,028454223899666 7	0,958373991236158
Benzo(a)pyrene	1115	0.01	0	0	0,0027000	0,005	0,0600735	0,0074461	0,0249199	1,0523892

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

					9743027646		196493888	3050861498	7499218 51	0062875
Benzo(ghi)perylene	1118	0.01	0	0	0,004810924369747 9	0,005	0,028174934713759 3	0,006120573355817 87	0,014897248495270 9	0,609196764930583
Benzo (k) Fluoranthene	1117	0.01	0	0	0,0025	0,005	0,028892629598511 2	0,006204643164230 44	0,011427946233197 9	0,472456027116977
Indeno (1,2,3-cd) Pyrene	1204	0.01	0	0	0,005	0,005	0,029473053554481 7	0,005688995738170 69	0,008843508168529 66	0,649866083581408

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	0	44,3391	142,4216666666667	770,701468193669	600,7772	1534,776166666667	11552,801495238181	30828,058727746768	37,47	200	500
Copper and its compounds	1392	0	0	1,4502896	16,388628	95,1170388012667	65,567666666666767	352,37416666666767	788,81129166666767	3804,681552050767	20,73	200	500
Nickel and its compounds	1386	0	0	0	6,793924	209,8715366958	129,83816666666767	284,37248	4625,3574475	8394,8614678319 9	55,1	20	100
Chrome and its compounds	1389	0	0	0	3,0068	67,3874175998523	31,011916666666767	87,459766666666767	1071,4615	2695,496703994 09	39,75	200	500
Arsenic and its compounds	1369	0	0	0	0	12,6359800075188	15,365213333333333	49,432633333333333	83,805866666666767	480,16724028571 4	17,45	10	100
Lead and its compounds	1382	0	0	0	0	43,0152185141026	15,993166666666767	42,286971666666767	714,751 96	1677,59 352205	42,61	20	100
Chloroform	1135	0	0	0	0	14,5441834996867	4,2274166666666767	18,221748833333333	262,5865285714 29	552,6789729880 95	47,51	20	100
Benzene	1114	0	0	0	0	11,67456014	0	16,62562	116,6845828	233,4912028	49,97	20	100
Linear or branched nonylphenols	6598	0	0	0	0,123273166666667	1,92286370233107	0,5786314375	2,505032666666767	43,34956	76,914548093242 6	56,36	2	10
Naphthalene	1517	0	0	0	0	0,926800428006567	0,01555908	1,634238666666767	15,727720721667 67	37,072017120262 7	42,42	20	100
Fluoranthene	1191	0	0	0	0,0014981	0,990209679349767	0,0814857166666667	0,643754848333333	19,834316666666767	39,608387173990 7	50,08	4	30
Anthracene	1458	0	0	0	0	0,447867436418919	0,005454	0,203145833333333	10,353810318333 3	16,5710951475	62,48	2	10

Tributyl phosphate	1847	0	0	0	0	0,060012366666667	0	0,1232484	0,60409366666667	1,0202102333333	59,21	300	2000
Benzo (b) Fluoranthene	1116	0	0	0	0	0,286896093854167	0,006029833333333	0,026821666666667	3,44381	4,590337501666667	75,02	2	10
Indeno (1,2,3-cd) Pyrene	1204	0	0	0	0	0,173547798235294	0	0,021414333333333	2,46682666666667	2,95031257	83,61	2	10
Benzo(ghi)perylene	1118	0	0	0	0	0,164660936372549	0	0,021231833333333	2,31245	2,799235918333333	82,61	2	10
Benzo(a)pyrene	1115	0	0	0	0	0,303951146666667	0,004009	0,0132865	3,994764166666667	4,863218346666667	82,14	2	10
Benzo (k) Fluoranthene	1117	0	0	0	0	0,148283857083333	0	0,006093	1,793395833333333	2,372541713333333	75,59	2	10
Cadmium and its compounds	1388	0	0	0	0	0,072017521367521 4	0	0	1,506083333333333	2,808683333333333	53,62	2	10
C10-C13-chloroalkanes	1955	0	0	0	0	0,360526086956522	0	0	8,2921	8,2921	100	2	10
Decabromodiphenyl ether (BDE-209)	1815	0	0	0	0	0,029542534166666	0	0	0,177255204999996	0,177255204999996	100		
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0	0	0	0	0,206797739166662	0	0	1,240786434999997	1,240786434999997	100	2	5
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	0,101104243055556	0	0	1,981958333333333	2,426501833333333	81,68	2	10
Heptabromodiphenyl ether BDE 183	2910	0	0	0	0	0,029542534166666	0	0	0,177255204999996	0,177255204999996	100		
Hexabromodiphenyl ether BDE 153	2912	0	0	0	0	0,029542534166666	0	0	0,17725 5204999	0,17725 5204999	100		

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

									996	996			
Hexabromodiphenyl ether BDE 154	2911	0	0	0	0	0,029542534166666	0	0	0,17725520499996	0,17725520499996	100		
Mercury and its compounds	1387	0	0	0	0	0	0	0	0	0		2	5
NP1OE	6366	0	0	0	0	0	0	0	0	0			
NP2OE	6369	0	0	0	0	0,101104243055556	0	0	1,98195833333333	2,42650183333333	81,68		
Pentabromodiphenyl ether (BDE 100)	2915	0	0	0	0	0,029542534166666	0	0	0,17725520499996	0,17725520499996	100	2	5
Pentabromodiphenyl ether (BDE 99)	2916	0	0	0	0	0,029542534166666	0	0	0,17725520499996	0,17725520499996	100	2	5
Tetrabromodiphenyl ether BDE 47	2919	0	0	0	0	0,029542534166666	0	0	0,17725520499996	0,17725520499996	100		

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
14.1 Steel industry	40	30	75	21	52,5

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Anthracene	1458	2	1
Arsenic and its compounds	1369	12	0
Benzo(a)pyrene	1115	1	0
Benzo (b) Fluoranthene	1116	1	0
Benzo(ghi)perylene	1118	1	0
C10-C13-chloroalkanes	1955	1	0
Chrome and its compounds	1389	3	2
Copper and its compounds	1392	6	2
Fluoranthene	1191	3	0
Indeno (1,2,3-cd) Pyrene	1204	1	0
Nickel and its compounds	1386	18	11
Linear or branched nonylphenols	6598	6	2
Lead and its compounds	1382	9	3
Zinc and its compounds	1383	18	11
Benzene	1114	2	2
Chloroform	1135	4	2
		88	36

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Nickel and its compounds	1386	6909,075426498	8394,861467831	82,3

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

		65	99	
Zinc and its compounds	1383	21855,2721319048	30828,0587277468	70,89
Lead and its compounds	1382	1038,09018063333	1677,59352205	61,88
Linear or branched nonylphenols	6598	36,594519724076	76,9145480932426	47,58
Chloroform	1135	170,281912738095	552,678972988095	30,81
Chrome and its compounds	1389	813,036248333333	2695,49670399409	30,16
Copper and its compounds	1392	484,808391666667	3804,68155205067	12,74
Benzene	1114	16,8655828	233,4912028	7,22
Anthracene	1458	0,353810318333332	16,5710951475	2,14
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 14.2 Ferrous metal foundries

1 Sector data

17 sites
112 samples
24 substances in the Sector specific list

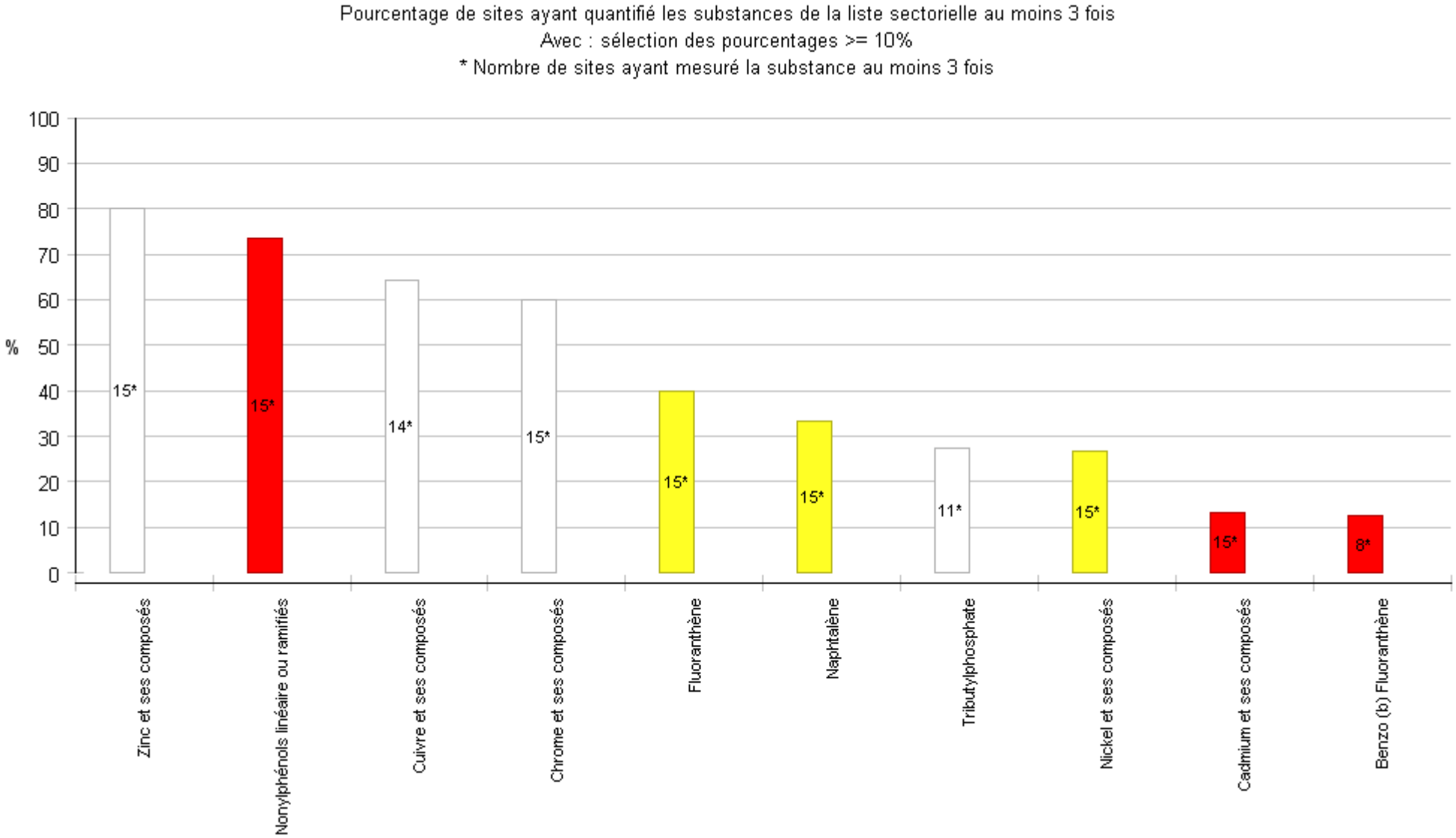
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Benzo(a)pyrene	1115	0,01	2	10
Benzo (b) Fluoranthene	1116	0,01	2	10
Benzo(ghi)perylene	1118	0,01	2	10
Benzo (k) Fluoranthene	1117	0,01	2	10
Cadmium and its compounds	1388	2	2	10
C10-C13-chloroalkanes	1955	10	2	10
Fluoranthene	1191	0,01	4	30
Indeno (1,2,3-cd) Pyrene	1204	0,01	2	10
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Zinc and its compounds	1383	10	200	500
Anthracene	1458	0,01	2	10
Arsenic and its compounds	1369	5	10	100
Chloroform	1135	1	20	100
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Mercury and its compounds	1387	0,5	2	5
Pentachlorophenol	1235	0,1	4	30
Tetrachlorethylene	1272	0,5	2	5
Tributyl phosphate	1847	0,1	300	2 000
Trichloroethylene	1286	0,5	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	3,45454545454545	6,83804672686956	10,353196099675	41,9520803443328	192,227684576138	114,993202622277	710	1176,68109858479
Cadmium and its compounds	1388	2.00	0,5	0,5	0,5	1	42,6240777231921	1	145,953778429934	409,066086956522
Chrome and its compounds	1389	5.00	2,16363856872349	2,5	2,5	4,15819070904645	15,3810163036824	8,466305157143144	34,5891415994131	112,953612805563
Nickel and its compounds	1386	10.00	2,5	2,5	5	5	22,165490569482	6,670175933900079	27,4607483492296	253,574227004991
Copper and its compounds	1392	5.00	2,5	2,5	2,5	6,599470205113325	20,5123509954892	11,8959582633725	16,0333333333333	152,59288679726
C10-C13-chloroalkanes	1955	10.00	1	1	2,5	5	3,692307692307 69	5	5	5
Arsenic and its compounds	1369	5.00	2,5	2,5	2,5	2,5	2,6224342181538	2,5	2,5	3,737276635514 02
Linear or branched nonylphenols	6598	0.10	0,032017114914425 4	0,05	0,05	0,250381784876434	0,599729181693503	0,485196015936255	1,25	3,549926080577 81
Chloroform	1135	1.00	0,25	0,5	0,5	0,5	0,608846192588869	0,5	0,808869565217391	1,898130247061 65
Naphthalene	1517	0.05	0,0025	0,0025	0,025	0,029770404984423 7	0,151460916109815	0,043277437542529 4	0,426373230990645	1,544908249509 91
Mercury and its compounds	1387	0.50	0,05	0,05	0,1	0,25	0,187346131 89859	0,25	0,25	0,472230374174615
Tetrachlorethylene	1272	0.50	0,25	0,25	0,25	0,25	0,25	0,25	0,25	0,25
Trichloroethylene	1286	0.50	0,25	0,25	0,25	0,25	0,25	0,25	0,25	0,25
Nonylphenol ethoxylates	6366, 6369	0.10	0,02	0,02	0,1	0,1	0,151763417289116	0,125	0,144390821480493	1,056666666666 7
Tributyl phosphate	1847	0.10	0,019477750611246 9	0,037714680999936 4	0,05	0,05	0,117307208243554	0,083868807132377 8	0,094347826086956 5	0,756786613545817
NP2OE	6369		0,01	0,01	0,05	0,05	0,073325097101963 1	0,05	0,08329311611037	0,396666666666667
NP1OE	6366		0,01	0,01	0,025	0,05	0,078438320187153	0,05	0,061097705370123	0,66

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

							4		3	
Pentachlorophenol	1235	0.10	0,01	0,025	0,05	0,05	0,044418003496527 8	0,05	0,05	0,055642317380352 6
Fluoranthene	1191	0.01	0,004197274031563 85	0,005	0,005	0,007833333333333 33	0,020592871723501 8	0,020137051792828 7	0,031853089731868 5	0,1106184188425
Benzo (b) Fluoranthene	1116	0.01	0,0025	0,0025	0,005	0,005	0,010621020021971 8	0,006587011952191 23	0,012057960381511 4	0,055
Anthracene	1458	0.01	0,0025	0,0025	0,005	0,005	0,009762560374937 38	0,007191871788570 75	0,007654581673306 77	0,074311585512113 2
Indeno (1,2,3-cd) Pyrene	1204	0.01	0,005	0,005	0,005	0,005	0,005945945310978 02	0,005	0,006066202926361 24	0,013393250183418 9
Benzo(ghi)perylene	1118	0.01	0,0025	0,0025	0,005	0,005	0,005159854128661 99	0,005	0,005881673306772 91	0,012630227439471 8
Benzo(a)pyrene	1115	0.01	0,0025	0,0025	0,0025	0,005	0,005217784313711 69	0,005	0,005	0,010722670579603 8
Benzo (k) Fluoranthene	1117	0.01	0,0025	0,0025	0,0025	0,005	0,004731057907645 09	0,005	0,005	0,007174382345886 3

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	0	2,213325	30,13452	145,2519233125	79,98366	117,26380666667	1635,1945	2324,030773	70,36	200	500
Copper and its compounds	1392	0	0	0	0,146016	5,30285947857143	7,3258244	16,531416666667	17,545068	74,2400327	23,63	200	500
Chrome and its compounds	1389	0	0	0	0	3,694850595555556	6,0015944	11,14875	12,56063	55,42275893333333	22,66	200	500
Nickel and its compounds	1386	0	0	0	0	2,802032125	0	3,374784	28,197876666667	44,832514	62,9	20	100
Linear or branched nonylphenols	6598	0	0	0	0,035011033333333	0,594081499208333	0,27650904	1,8516	2,5547548033333	9,5053039873333	26,88	2	10
Naphthalene	1517	0	0	0	0	0,156433464041667	0,011093111666666667	0,448654383333333	1,384499808	2,502935424666667	55,32	20	100
Cadmium and its compounds	1388	0	0	0	0	2,4190052625	0	0,1687392	31,299545	38,7040842	80,87	2	10
Fluoranthene	1191	0	0	0	0	0,019952658979166 7	0,001687392	0,0101088	0,1706989104	0,319242543666667	53,47	4	30
Benzo (b) Fluoranthene	1116	0	0	0	0	0,00350055	2,739166666666 67E-4	0,0050952	0,026135833333 3333	0,03150495	82,96	2	10
Tributyl phosphate	1847	0	0	0	0	0,034884489090909 1	0	0,0038225	0,37990688	0,38372938	99	300	2000
Anthracene	1458	0	0	0	0	0,009366919244444 45	0	0	0,103268333333333	0,112403030933333	91,87	2	10
Arsenic and its compounds	1369	0	0	0	0	0	0	0	0	0		10	100
Benzo(a)pyrene	1115	0	0	0	0	2,7064814	0	0	2,43583	2,43583	100	2	10

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

						8148148E-5			3333333 33E-4	3333333 33E-4			
Benzo(ghi)perylene	1118	0	0	0	0	2,8691666 6666667E-5	0	0	2,86916 6666666 67E-4	2,86916 6666666 67E-4	100	2	10
Benzo (k) Fluoranthene	1117	0	0	0	0	0	0	0	0	0		2	10
C10-C13-chloroalkanes	1955	0	0	0	0	0	0	0	0	0		2	10
Chloroform	1135	0	0	0	0	0,1772738 83333333	0	0	2,63776 8333333 33	2,65910 825	99,2	20	100
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	0,0700613 09523809 5	0	0	0,7608	0,98085 8333333 333	77,56	2	10
Indeno (1,2,3-cd) Pyrene	1204	0	0	0	0	3,3805555 5555556E-5	0	0	3,0425E -4	3,0425E -4	100	2	10
Mercury and its compounds	1387	0	0	0	0	0	0	0	0	0		2	5
NP1OE	6366	0	0	0	0	0,0339428 57142857 1	0	0	0,4752	0,4752	100		
NP2OE	6369	0	0	0	0	0,0361184 52380952 4	0	0	0,2856	0,50565 8333333 333	56,48		
Pentachlorophenol	1235	0	0	0	0	0	0	0	0	0		4	30
Tetrachlorethylene	1272	0	0	0	0	0	0	0	0	0		2	5
Trichloroethylene	1286	0	0	0	0	0	0	0	0	0		2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
14.2 **Ferrous metal foundries**	17	5	29,4118	2	11,7647

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Cadmium and its compounds	1388	2	1
Nickel and its compounds	1386	1	0
Linear or branched nonylphenols	6598	2	0
Zinc and its compounds	1383	1	1
		6	2

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Cadmium and its compounds	1388	21,299545	38,7040842	55,03
Zinc and its compounds	1383	1135,1945	2324,030773	48,85

Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 14.3 Non-ferrous metal foundries

1 Sector data

33 sites
252 samples
27 substances in the Sector specific list

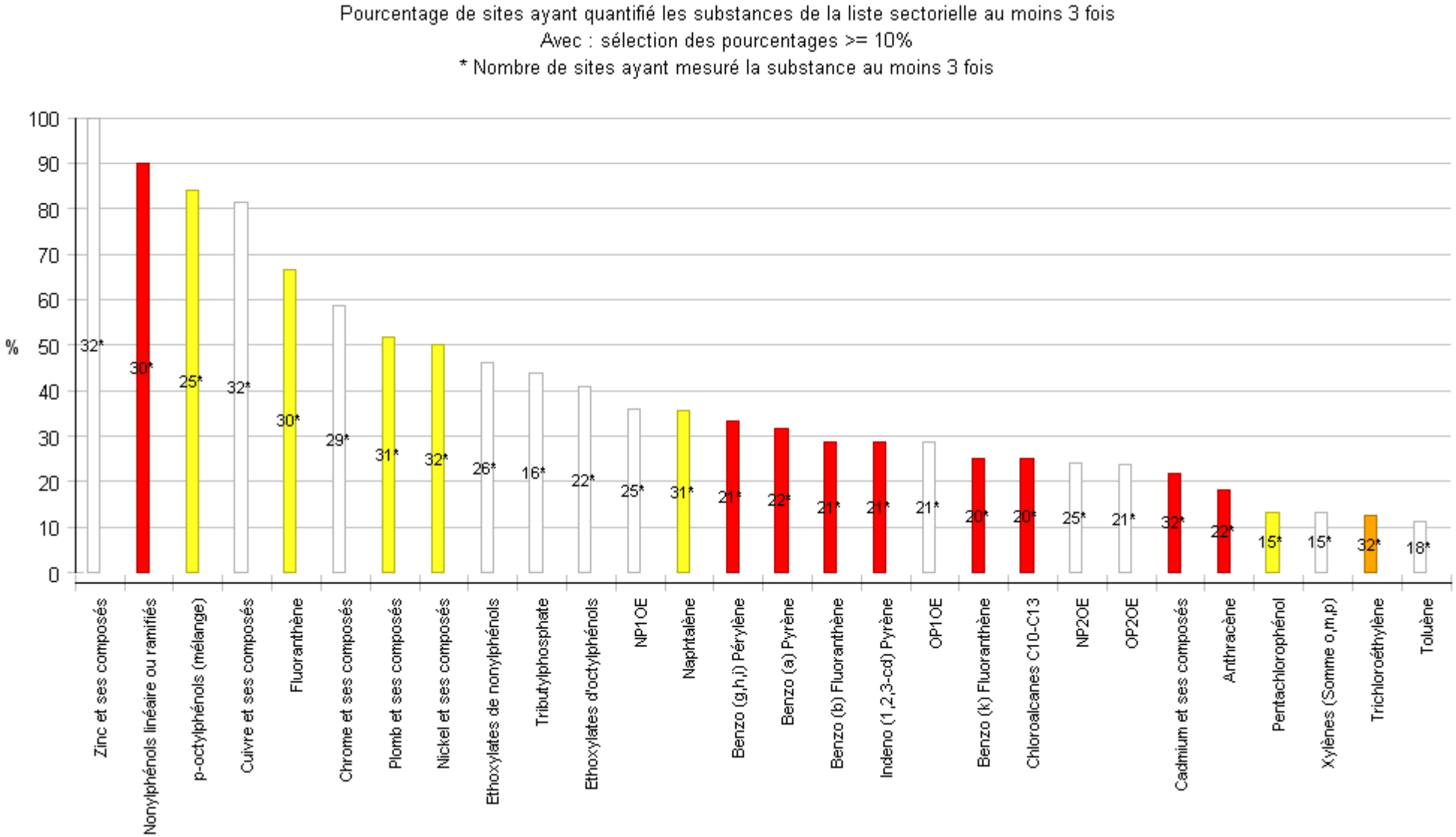
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Benzo(a)pyrene	1115	0,01	2	10
Benzo (b) Fluoranthene	1116	0,01	2	10
Benzo(ghi)perylene	1118	0,01	2	10
Benzo (k) Fluoranthene	1117	0,01	2	10
Cadmium and its compounds	1388	2	2	10
C10-C13-chloroalkanes	1955	10	2	10
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Fluoranthene	1191	0,01	4	30
Indeno (1,2,3-cd) Pyrene	1204	0,01	2	10
Mercury and its compounds	1387	0,5	2	5
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Lead and its compounds	1382	5	20	100
Trichloroethylene	1286	0,5	2	5
Zinc and its compounds	1383	10	200	500
Anthracene	1458	0,01	2	10
OP1OE	6370	0,1	10	30
OP2OE	6371	0,1	10	30
p-octylphenols (mixture)	6600	0,1	10	30
Pentachlorophenol	1235	0,1	4	30
Toluene	1278	1	300	1 000
Tributyl phosphate	1847	0,1	300	2 000
Xylenes (total o, m, p)	1780	2	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	0	13,5674923462288	33,2836793819411	135,273546955195	327,586366429774	363,506065857886	761,733333333333	2022,67613801102
Copper and its compounds	1392	5.00	0	2,5	7,28625954198473	19,5381818181818	154,331290183991	44,5050291159344	335,166666666667	1852,625881898 13
Lead and its compounds	1382	5.00	0	0,844659036719123	2,5	4,27206229353469	38,838406 2934991	15,514925 3731343	112,360241625481	387,09698 1187108
Nickel and its compounds	1386	10.00	0	0,153696767928978	2,5	5	20,260905 8454395	16,114680 1530891	36,58	198,43757 5757576
Chrome and its compounds	1389	5.00	0	0,196995813838956	2,5	5,29760049859769	26,929784 7366912	10,892130 2578019	32,170731 7073171	390
C10-C13-chloroalkanes	1955	10.00	0	1	2,5	5	7,8885097 7281191	5	10,532911 3924051	77,649689 8263027
Linear or branched nonylphenols	6598	0.10	0,025	0,05	0,10352804226 4872	0,266102263202012	1,3464551 7102176	0,6605151 2515705	4,0193685 2103121	8,2191304 3478261
Cadmium and its compounds	1388	2.00	0	0	0,3284326 25926873	1	2,5967659 5472194	1	2,4487291 0022229	35,997882 4775013
Xylenes (total o, m, p)	1780	2.00	0	0	0,25	1	2,4066231 2500157	1	1,6186181 8181818	29,426666 6666667
Tributyl phosphate	1847	0.10	0,01	0,01	0,0296857 37527115	0,05	0,7304327 82326685	0,1386386 00328048	1,49	5,4183333 3333333
Nonylphenol ethoxylates	6366, 6369	0.10	0	0,075	0,1	0,205029957805907	7,2170963 1281503	0,5222001 66458593	1,1966666 6666667	168,07653 4927811
NP1OE	6366		0	0,025	0,05	0,091065857885615 2	5,7531622 5793402	0,1786986 53779772	0,8124441 68734491	128,25696 3686743
Toluene	1278	1.00	0	0	0,25	0,5	2,2838822 2728299	0,5	0,7949347 25848564	27,413333 3333333
Octylphenol ethoxylates	6370, 6371	0.10	0,018103448275862 1	0,1	0,1	0,127504332755633	0,2151462 24061578	0,2078960 60352054	0,5015	0,8885018 52832186
Trichloroethylene	1286	0.50	0	0	0,25	0,25	0,5417302 13933924	0,25	0,4686334 73723744	6,7073170 7317073
NP2OE	6369		0	0,037194271955392 2	0,05	0,055975170743195 5	1,4639340 5488101	0,1673340 23702681	0,4270430 71161049	39,819571 2410675
Mercury and its compounds	1387	0.50	0	0	0,05	0,1558726	0,1932593	0,25	0,25	1,3453799

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

						26333668	20067889			8906506
OP1OE	6370		0,005045776113191 84	0,009051724137931 04	0,05	0,05	0,101205774131024	0,095332104050049 4	0,229389280868385	0,447520661157025
Naphthalene	1517	0.05	0,001354346220142 82	0,005	0,011623079072366 6	0,025	0,240446228174271	0,046375364128173 1	0,202699431238151	7,814166666666667
Pentachlorophenol	1235	0.10	0	0,009051724137931 04	0,012015379113018 6	0,032604392624728 8	0,099886104368603 7	0,05	0,178333333333333	0,842220202296337
Fluoranthene	1191	0.01	9,05172413793103E-4	0,005	0,005954183207473 96	0,021357726383615 2	0,141932296617129	0,052994641350211	0,175391304347826	1,508166666666667
p-octylphenols (mixture)	6600	0.10	0	0,05	0,05	0,1	0,151457254949099	0,1	0,167334023702681	1,35579254847294
OP2OE	6371		0,009051724137931 04	0,05	0,05	0,065789473684210 5	0,113940449930554	0,108325334995326	0,157896060352054	0,826908417151932
Benzo(ghi)perylene	1118	0.01	0	7,85705233 81067E-4	0,005	0,005	0,065207478097558 7	0,019	0,138326954620011	1,100430559582 49
Benzo (b) Fluoranthene	1116	0.01	0,001520086174122 42	0,005	0,005	0,005825553725059 49	0,046972193466980 4	0,014227932489451 5	0,093666666666667	0,7065
Indeno (1,2,3-cd) Pyrene	1204	0.01	0	0	0,005	0,005	0,027092650379619 6	0,015452819956616	0,061951886276653 9	0,202361554073645
Anthracene	1458	0.01	9,05172413793103E-4	0,005	0,005	0,006156453362255 96	0,046617680243728 9	0,017101238164603 1	0,061434782608695 7	0,733333333333333
Benzo(a)pyrene	1115	0.01	0	7,85705233 81067E-4	0,005	0,005	0,023271518533772	0,014227932489451 5	0,042	0,2945
Benzo (k) Fluoranthene	1117	0.01	0	0	0,005	0,005	0,018141586903880 1	0,01	0,025	0,227166666666667

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	0,2863083333333333	2,60523	12,99	82,2736579384352	32,221333333333333	66,177112	1533,321666666667	2715,030711968736	56,48	200	500
Copper and its compounds	1392	0	0	0,0648833333333333	1,4617	28,401817930101	10,640583333333333	36,773466666666667	339,34833	937,2599916933333	36,21	200	500
Lead and its compounds	1382	0	0	0	0,0258333333333333	3,90697914097024	2,6048875	5,1152	38,029546	125,0233325110448	30,42	20	100
Chrome and its compounds	1389	0	0	0	0,0508416666666667	1,59957734900154	0,576414285714286	5,1125833333333333	22,839211666666667	49,586897819047676	46,06	200	500
Nickel and its compounds	1386	0	0	0	0	2,50464601969697	0,395878583333333	2,38272	60,896333333333333	82,653318 65	73,68	20	100
Linear or branched nonylphenols	6598	0	0	7,653312E-4	0,0206459166666667	0,104360275867321	0,096478566666666667	0,2421267857142 86	0,9552584	3,339528827754 29	28,6	2	10
C10-C13-chloroalkanes	1955	0	0	0	0	0,462709839393939	0	0,2396448	6,194583333333333	10,179616466666667	60,85	2	10
Cadmium and its compounds	1388	0	0	0	0	0,394676972128427	0	0,2263214285714 29	11,333333333333333	13,024340080238 1	87,02	2	10
Nonylphenol ethoxylates	6366, 6369	0	0	0	0,001219968	1,47770584059524	0,03358525	0,0698359833333333	23,050016	38,420351855476 2	59,99	2	10
Tributyl phosphate	1847	0	0	0	0	0,029688895098039 2	0,0043026	0,0550366666666667	0,3585753	0,5047112166666 67	71,05	300	2000
Fluoranthene	1191	0	0	0	0,001205734 08	0,015456220901833 3	0,006343216666666667	0,04187147	0,154629133333333	0,494599068858667	31,26	4	30
NP2OE	6369	0	0	0	0	0,252592083600733	0,0023324208	0,041590714285	5,460856	6,567394173619	83,15		

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

								7143		05			
p-octylphenols (mixture)	6600	0	0	0	3,16666666666667E-4	0,010016322849679	0,007038	0,031483333333333	0,06084548	0,27044071694133 3	22,5	10	30
NP1OE	6366	0	0	0	0	1,22511375699451	0,0062506432	0,0258845	17,58916	31,852957681857 1	55,22		
Naphthalene	1517	0	0	0	0	0,004976774959030 3	0,0013683	0,010544	0,044533383333 3333	0,164233573648	27,12	20	100
Benzo(ghi)perylene	1118	0	0	0	0	0,010386844566910 1	4,2931392E-4	0,00946725	0,18976925	0,238897425038933	79,44	2	10
Octylphenol ethoxylates	6370, 6371	0	0	0	0	0,016986622542424 2	0,005266666666667	0,0094185	0,260338333333333	0,373705695933333	69,66	10	30
OP2OE	6371	0	0	0	0	0,015249780642424 2	0,0023324208	0,0094185	0,260338333333333	0,335495174133333	77,6		
Indeno (1,2,3-cd) Pyrene	1204	0	0	0	0	0,002723496693333 33	0	0,00719288	0,03489725	0,059916927253 3333	58,24	2	10
Anthracene	1458	0	0	0	0	0,002548667710 56	0,001787542764	0,006919	0,025052	0,063716692764	39,32	2	10
Benzo (k) Fluoranthene	1117	0	0	0	0	9,13789075555555E-4	0	0,005625666666666667	0,0065437	0,019189570586 6667	34,1	2	10
Toluene	1278	0	0	0	0	0,041630292982456 1	0	0,0049344	0,69855666666667	0,790975566666667	88,32	300	1000
Benzo (b) Fluoranthene	1116	0	0	0	0	0,003064346696739 13	1,01666666666667E-4	0,004204783333333333	0,02260717	0,070479974025	32,08	2	10
Benzo(a)pyrene	1115	0	0	0	0	0,001610366598844 44	5,962077856E-4	0,003318366666666667	0,013714916666666667	0,038648798372 2667	35,49	2	10
OP1OE	6370	0	0	0	0	0,0017368419	7,068E-5	0,0023324208	0,024238333333333	0,038210 5218	63,43		
Trichloroethylene	1286	0	0	0	0	0,006457673737373	0	5,295E-4	0,0927704	0,213103233333	43,53	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

						74				333			
Mercury and its compounds	1387	0	0	0	0	0,009752343375	0	0	0,164046666666667	0,312075	52,57	2	5
Pentachlorophenol	1235	0	0	0	0	0,008563259803921 57	0	0	0,102694716666667	0,145575416666667	70,54	4	30
Xylenes (total o, m, p)	1780	0	0	0	0	0,005260320833333 33	0	0	0,078868333333333	0,084165133333333	93,71	300	500

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
14.3 **Non-ferrous metal foundries**	33	9	27,2727	4	12,1212

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Cadmium and its compounds	1388	1	1
C10-C13-chloroalkanes	1955	2	0
Copper and its compounds	1392	2	0
Nonylphenol ethoxylates	6366, 6369	2	2
Nickel and its compounds	1386	1	0
Lead and its compounds	1382	2	0
Zinc and its compounds	1383	3	1
		13	4

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Nonylphenol ethoxylates	6366, 6369	17,8588552	38,4203518554762	46,48
Zinc and its compounds	1383	1033,32166666667	2715,03071196836	38,06
Cadmium and its compounds	1388	1,33333333333333	13,0243400802381	10,24

Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 14.4 Production and/or processing of non-ferrous metals

1 Sector data

59 sites
399 samples
30 substances in the Sector specific list

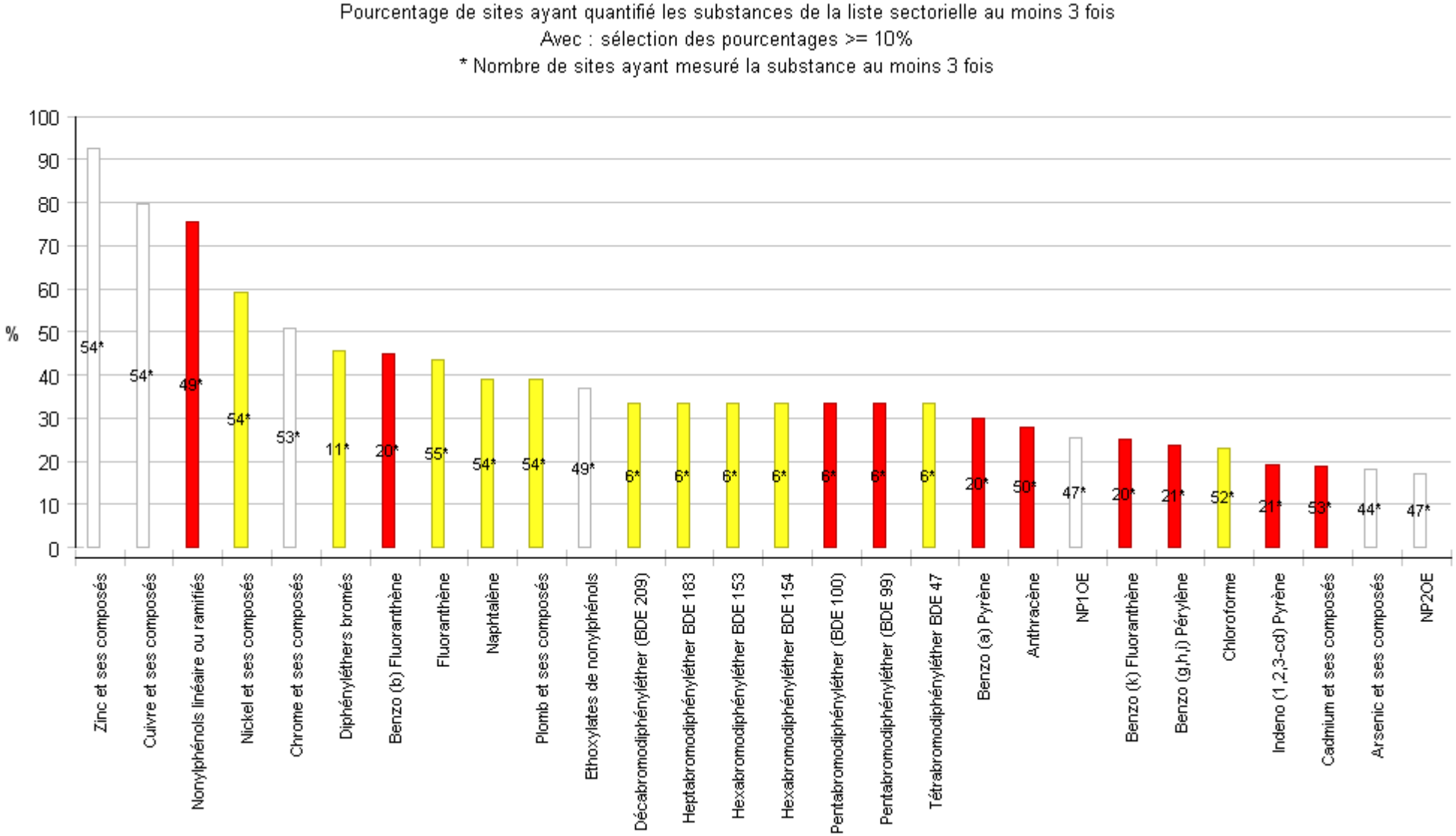
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Anthracene	1458	0,01	2	10
Benzo(a)pyrene	1115	0,01	2	10
Benzo (b) Fluoranthene	1116	0,01	2	10
Benzo(ghi)perylene	1118	0,01	2	10
Benzo (k) Fluoranthene	1117	0,01	2	10
Cadmium and its compounds	1388	2	2	10
C10-C13-chloroalkanes	1955	10	2	10
Copper and its compounds	1392	5	200	500
Fluoranthene	1191	0,01	4	30
Indeno (1,2,3-cd) Pyrene	1204	0,01	2	10
Mercury and its compounds	1387	0,5	2	5
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Lead and its compounds	1382	5	20	100
Tetrachlorethylene	1272	0,5	2	5
Trichloroethylene	1286	0,5	2	5
Zinc and its compounds	1383	10	200	500
Arsenic and its compounds	1369	5	10	100
Chloroform	1135	1	20	100
Chrome and its compounds	1389	5	200	500
Decabromodiphenyl ether (BDE-209)	1815	0,05		
Heptabromodiphenyl ether (BDE-183)	2910	0,05		
Hexabromodiphenyl ether (BDE-153)	2912	0,05		
Hexabromodiphenyl ether (BDE 154)	2911	0,05		
Pentabromodiphenyl ether (BDE 100)	2915	0,05		
Pentabromodiphenyl ether (BDE 99)	2916	0,05		
Tetrabromodiphenyl ether (BDE 47)	2919	0,05		

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire»	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	2,11111111111111	7,47474747474747	19,233834132889	53,9095193777491	412,865808695805	146,1	647,724203338391	7135,11317152986
Copper and its compounds	1392	5.00	1,58497399556903	2,63768115942029	5,51851851851852	21,737348035058	162,233895902012	79,4378109452736	289,451666666667	2732,03320152713
Nickel and its compounds	1386	10.00	0	3,68122448979592	5	9,84797297297297	1050,0543 6134025	54,021739 1304348	227,665919282511	62336,075 3138597
Chrome and its compounds	1389	5.00	0	2,27020408163265	2,5	5,79617834394904	266,432775053048	19,765625	55,2659574468085	12610,749 4110353
Lead and its compounds	1382	5.00	0	0,729957005563986	2,5	2,5	40,7778411997047	6,64814814814815	38,7194679315323	1014,19151910531
Cadmium and its compounds	1388	2.00	0	0,300078200192493	0,5	1	12,797364192476	1	11,2556624239998	527,40625
Arsenic and its compounds	1369	5.00	0	1,5	2,5	2,5	10,006047 1399186	2,5824919 1510601	6,67166777188329	250,45567265964
C10-C13-chloroalkanes	1955	10.00	0	0	1,32182386910491	5	7,84605295899629	5	5	177,279151943463
Linear or branched nonylphenols	6598	0.10	0,02	0,05	0,058702411188811 2	0,232888888888889	1,47759159383158	0,722134328358209	2,64906929691452	29,9910847146017
Chloroform	1135	1.00	0	0,1	0,5	0,5	1,42883353841274	0,62803356702427	1,23333333333333	34,3301054264457
Nonylphenol ethoxylates	6366, 6369	0.10	0	0,1	0,1	0,10333333333333333	0,55077736131504	0,25150986525053	1,83333333333333	7,62897526501767
NP2OE	6369		0	0,05	0,05	0,05	0,254456844139868	0,119207170356112	0,638644410723318	4,54893992932862
NP1OE	6366		0	0,038333333333333	0,05	0,05	0,296320517175636	0,185937219730942	0,586401124648547	5,37343196762772
Mercury and its compounds	1387	0.50	0	0,05	0,1	0,25	0,204752404762691	0,25	0,25	1,16644842411214
Tetrachlorethylene	1272	0.50	0	0,056122448979591 8	0,1	0,25	0,211076757744395	0,25	0,25	0,591292134831461
Trichloroethylene	1286	0.50	0	0,1	0,25	0,25	0,441840165938678	0,25	0,25	9,69722863741339
Brominated diphenyl ethers	1815,	0.05	0,02	0,0317236	0,0370761	0,1430136	0,1305514	0,175	0,2415387	0,3525313

	2910, 2912, 2919, 2911, 2916, 2915			931096305	70212766	98630137	85246527		66869542	31513933
Fluoranthene	1191	0.01	0	0,004356352261790 18	0,005	0,007714285714285 71	0,134267314906714	0,026666666666666 7	0,232667844522968	2,549622135734 3
Naphthalene	1517	0.05	0	0,007600600223119 59	0,019696969696969 7	0,029821428571428 6	3,822647184171 99	0,070666666666666 7	0,190147959183673	233,92498491856
Benzo (b) Fluoranthene	1116	0.01	0,0025	0,0025	0,005	0,006333333333333 33	0,054630049164687 3	0,022573581253888 2	0,058131313131313 1	0,834794343938449
Decabromodiphenyl ether (BDE-209)	1815	0.50	0,005	0,005296595744680 85	0,011599599907671	0,025	0,028568930432275 8	0,025	0,052535347601264	0,091538766869542 2
Benzo(ghi)perylene	1118	0.01	0,0025	0,005	0,005	0,005666666666666 67	0,020649625726437 3	0,007639307073623 43	0,039290967339532 8	0,196752423161796
Anthracene	1458	0.01	0	0,004356352261790 18	0,005	0,005	0,028218631590729 9	0,010797141900189 8	0,03	0,654394890798658
Benzo(a)pyrene	1115	0.01	5,0E-4	5,0E-4	0,005	0,005	0,027252551839074 2	0,019786230195713	0,029783695290484 3	0,338366536003699
Indeno (1,2,3-cd) Pyrene	1204	0.01	0,005	0,005	0,005	0,005	0,017561823519198 7	0,009032974539083 06	0,026405505783624 4	0,154774424819136
Heptabromodiphenyl ether BDE 183	2910	0.50	0,0015	0,001982730819351 91	0,0025	0,019863013698630 1	0,016997092469041 8	0,025	0,025	0,049999330652111 5
Hexabromodiphenyl ether BDE 153	2912	0.50	0,0015	0,001982730819351 91	0,0025	0,019863013698630 1	0,016997092469041 8	0,025	0,025	0,049999330652111 5
Hexabromodiphenyl ether BDE 154	2911	0.50	0,0015	0,001982730819351 91	0,0025	0,019863013698630 1	0,016997092469041 8	0,025	0,025	0,049999330652111 5
Pentabromodiphenyl ether (BDE 100)	2915	0.50	0,0015	0,001982730819351	0,0025	0,019863013698630	0,016997092469041	0,025	0,025	0,049999330652111

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

				91		1	8			5
Pentabromodiphenyl ether (BDE 99)	2916	0.50	0,0015	0,001982730819351 91	0,0025	0,019863013698630 1	0,016997092469041 8	0,025	0,025	0,049999330652111 5
Tetrabromodiphenyl ether BDE 47	2919	0.50	0,0015	0,001982730819351 91	0,0025	0,019863013698630 1	0,016997092469041 8	0,025	0,025	0,049999330652111 5
Benzo (k) Fluoranthene	1117	0.01	0,0025	0,0025	0,005	0,005	0,021712109287038 9	0,009333333333333 33	0,021714235787511 6	0,308768993460644

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	0	0,48383333333333	2,306	63,3789099962339	22,455333333333	254,59004	565,44762666666	3612,597869785	15,65	200	500
Nickel and its compounds	1386	0	0	0	0,0944088	135,18296016523	4,0003333333333	33,5502476	6661,752475333	7840,611689583	84,96	20	100
Copper and its compounds	1392	0	0	0,1119	1,1889088	35,0661413135057	6,7416	32,7678448	711,0649783333	2033,836196183	34,96	200	500
Chrome and its compounds	1389	0	0	0	0,0528304	1438,57235350345	0,991308333333333	21,692266	81364,5552	81998,624149696	99,23	200	500
Lead and its compounds	1382	0	0	0	0	43,6011312382184	0,155052	13,74	1707,3272	2528,865611816	67,51	20	100
Cadmium and its compounds	1388	0	0	0	0	3,64447661551724	0	8,10096	78,0968	211,3796437	36,95	2	10
Arsenic and its compounds	1369	0	0	0	0	34,4202501006803	0	0,33132	1615,94	1686,592254933	95,81	10	100
Linear or branched nonylphenols	6598	0	0	0	0,00565	2,19287396586061	0,0448548	0,331096333333333	72,63616	120,6080681223	60,22	2	10
Naphthalene	1517	0	0	0	0	6,05742249520115	0,00200493	0,131834	325,726506	351,3305047216	92,71	20	100
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	0,198587536386667	0,010338159333333333	0,04524853	8,52292	9,929376819333	85,84	2	10
NP2OE	6369	0	0	0	0	0,157989953766667	0,003861366666666667	0,025258333333333333	6,79256	7,899497688333	85,99		
NP1OE	6366	0	0	0	0	0,04059758262	0,00516	0,02249928	1,73036	2,029879131	85,24		
Fluoranthene	1191	0	0	0	0	0,5659438	0,00292	0,02111	27,1114	32,8247	82,59	4	30

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

						38206896	02	1141666 6667	88	42616			
Benzo (b) Fluoranthene	1116	0	0	0	0	0,2505433 68977273	0,00527 4316666 66667	0,0186	4,4316576	5,5119541175	80,4	2	10
Chloroform	1135	0	0	0	0	0,8803740 76484848	0	0,0127	47,802612	48,4205 7420666 67	98,72	20	100
Benzo(a)pyrene	1115	0	0	0	0	0,1688916 89522727	0,002385	0,0081	3,1483872	3,7156171695	84,73	2	10
Benzo(ghi)perylene	1118	0	0	0	0	0,1134700 83234848	0,0011548925	0,0081	2,1556512	2,49634 1831166 67	86,35	2	10
Anthracene	1458	0	0	0	0	0,0343236 28348765 4	2,568E-4	0,00589 0248333 33333	0,947328	1,85347 5930833 33	51,11	2	10
Benzo (k) Fluoranthene	1117	0	0	0	0	0,0982376 72916666 7	4,65245 8333333 33E-4	0,0057	1,8138864	2,16122 8804166 67	83,93	2	10
Indeno (1,2,3-cd) Pyrene	1204	0	0	0	0	0,1093351 67916667	0	0,00277 3668333 33333	2,2251696	2,40537 3694166 67	92,51	2	10
Decabromodiphenyl ether (BDE-209)	1815	0	0	0	0	6,4557959 5E-4	0	1,82875 545E-4	0,0069185	0,00710 1375545	97,42		
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0	0	0	0	6,4557959 5E-4	0	1,82875 545E-4	0,0069185	0,00710 1375545	97,42	2	5
C10-C13-chloroalkanes	1955	0	0	0	0	0,3621789 68253968	0	0	13,16792	15,2115 1666666 67	86,57	2	10
Heptabromodiphenyl ether BDE 183	2910	0	0	0	0	0	0	0	0	0			
Hexabromodiphenyl ether BDE 153	2912	0	0	0	0	0	0	0	0	0			
Hexabromodiphenyl ether BDE 154	2911	0	0	0	0	0	0	0	0	0			
Mercury and its	1387	0	0	0	0	0,0640556	0	0	3,08213	3,58711	85,92	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

compounds													
						214285714				48			
Pentabromodiphenyl ether (BDE 100)	2915	0	0	0	0	0	0	0	0	0		2	5
Pentabromodiphenyl ether (BDE 99)	2916	0	0	0	0	0	0	0	0	0		2	5
Tetrabromodiphenyl ether BDE 47	2919	0	0	0	0	0	0	0	0	0			
Tetrachlorethylene	1272	0	0	0	0	7,7962962962963E-5	0	0	0,00421	0,00421	100	2	5
Trichloroethylene	1286	0	0	0	0	0,096725799696969 7	0	0	5,1801052	5,319918983333333	97,37	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
14.4 **Production and/or processing of non-ferrous metals**	59	21	35,5932	10	16,9492

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Benzo(a)pyrene	1115	1	0
Benzo (b) Fluoranthene	1116	1	0
Benzo(ghi)perylene	1118	1	0
Cadmium and its compounds	1388	9	6
C10-C13-chloroalkanes	1955	2	1
Copper and its compounds	1392	3	2
Nonylphenol ethoxylates	6366, 6369	1	0
Fluoranthene	1191	1	0
Indeno (1,2,3-cd) Pyrene	1204	1	0
Mercury and its compounds	1387	1	0
Naphthalene	1517	2	1
Nickel and its compounds	1386	11	4
Linear or branched nonylphenols	6598	3	2
Lead and its compounds	1382	6	3
Trichloroethylene	1286	1	1
Zinc and its compounds	1383	8	1
Arsenic and its compounds	1369	2	1
Chloroform	1135	1	0
Chrome and its compounds	1389	2	1
		57	23

Flows* of sites where discharges exceed the reduction study thresholds for the sector

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Chrome and its compounds	1389	80864,5552	81998,6241496967	98,62
Nickel and its compounds	1386	7193,54747533333	7840,61168958333	91,75
Arsenic and its compounds	1369	1515,94	1686,59225493333	89,88
Lead and its compounds	1382	1988,7242394	2528,86561181667	78,64
Linear or branched nonylphenols	6598	94,396946	120,608068122333	78,27
Cadmium and its compounds	1388	137,8581344	211,3796437	65,22
Naphthalene	1517	225,726506	351,330504721667	64,25
C10-C13-chloroalkanes	1955	3,16792	15,2115166666667	20,83
Copper and its compounds	1392	342,031778333333	2033,83619618333	16,82
Trichloroethylene	1286	0,1801052	5,31991898333333	3,39
Zinc and its compounds	1383	65,4476266666667	3612,59786978533	1,81

Flows*: based on individual flows from which the threshold flow for reduction studies has been subtracted

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 15 Pharmaceutical industry: Galenic formulation of pharmaceutical products

1 Sector data

45 sites
352 samples
28 substances in the Sector specific list

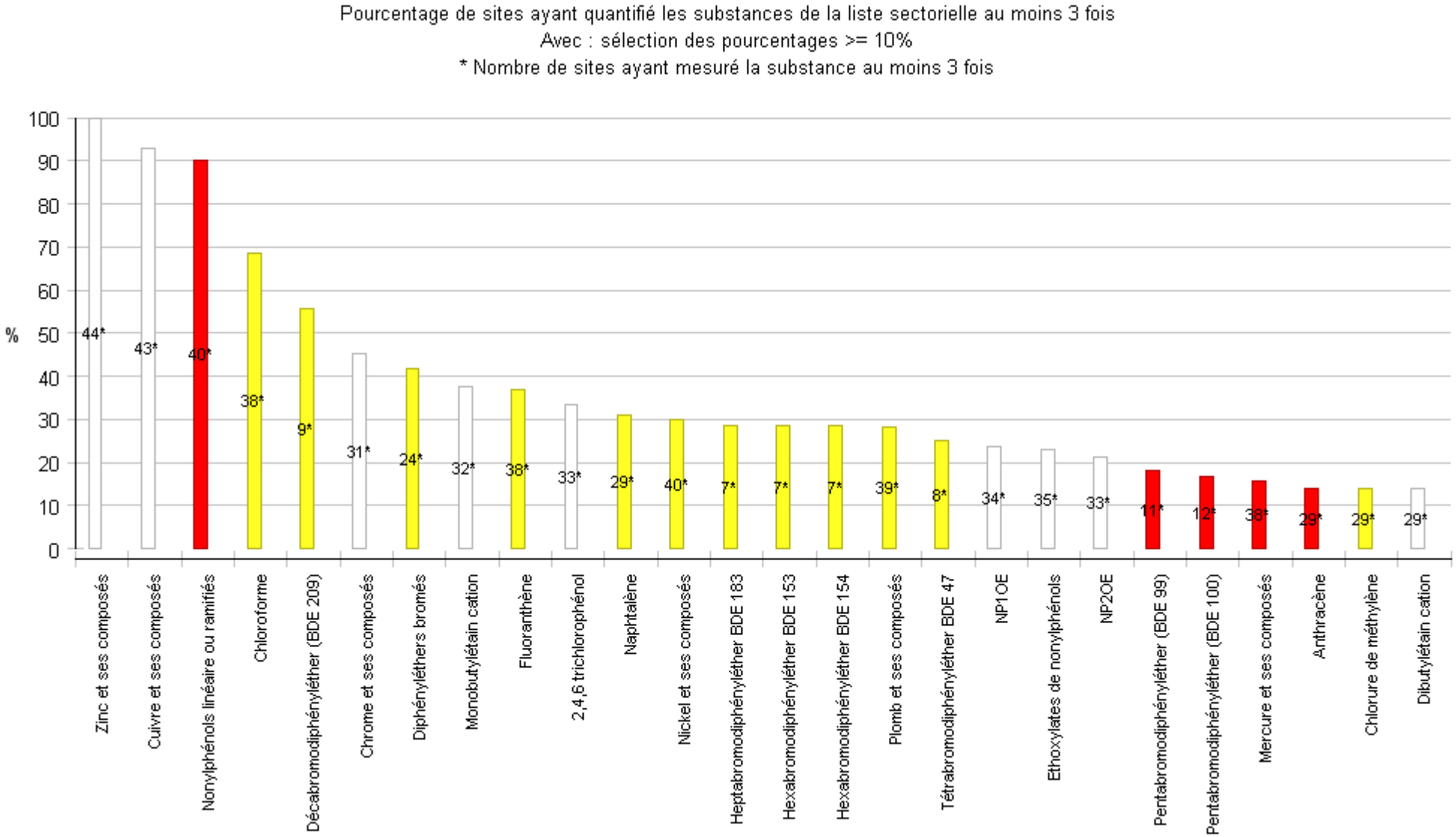
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Chloroform	1135	1	20	100
Copper and its compounds	1392	5	200	500
Fluoranthene	1191	0,01	4	30
Mercury and its compounds	1387	0,5	2	5
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Lead and its compounds	1382	5	20	100
Zinc and its compounds	1383	10	200	500
2,4,6 Trichlorophenol	1549	0,1	300	500
Anthracene	1458	0,01	2	10
Cadmium and its compounds	1388	2	2	10
Methylene chloride	1168	5	20	100
Chrome and its compounds	1389	5	200	500
Decabromodiphenyl ether (BDE-209)	1815	0,05		
Dibutyltin cation	7074	0,02	300	500
Heptabromodiphenyl ether (BDE-183)	2910	0,05		
Hexabromodiphenyl ether (BDE-153)	2912	0,05		
Hexabromodiphenyl ether (BDE 154)	2911	0,05		
Monobutyltin cation	2542	0,02	300	500
Naphthalene	1517	0,05	20	100
Pentabromodiphenyl ether (BDE 100)	2915	0,05		
Pentabromodiphenyl ether (BDE 99)	2916	0,05		
Tetrabromodiphenyl ether (BDE 47)	2919	0,05		
Tetrachlorethylene	1272	0,5	2	5
Tributyltin cation	2879	0,02	2	5
Trichloroethylene	1286	0,5	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	5	33,5419537401575	54,752741815224	104	216,621618043678	168,5	429,380023009124	2601,01821730644
Copper and its compounds	1392	5.00	2,5	7,12865393158596	18,1464285714286	32	46,6210574745115	50,6039340776183	99,4501287690126	303
Chrome and its compounds	1389	5.00	0	2,5	2,5	2,5	6,08210709486867	6,87424547283702	10,7182766439909	71,6637600940213
Lead and its compounds	1382	5.00	0	2,5	2,5	2,5	4,08118505116307	3,13832976445396	6,78742999797584	33,7288977159881
Chloroform	1135	1.00	0,118457261597214	0,5	0,5	0,5	3,59642829575295	2,20102040816327	6,43760825824512	80,781034742961
Nickel and its compounds	1386	10.00	0	2,3015873015873	5	5	5,35663197618908	5	6,24596215966774	26,3780986762936
Methylene chloride	1168	5.00	0	2,5	2,5	2,5	68,1701729322413	2,5	3,6499336576736	5079,57516339869
Linear or branched nonylphenols	6598	0.10	0,025	0,025	0,07634857521537 4	0,3	1,47146700441133	1,10985559566787	2,55161290322581	32,9
Nonylphenol ethoxylates	6366, 6369	0.10	0	0,075	0,075	0,1	1,36745549166395	0,396178254520948	1,048	53,1276427227102
Cadmium and its compounds	1388	2.00	0	0,5	1	1	0,84996176988456	1	1	1
NP1OE	6366		0	0,025	0,025	0,05	0,441611248770667	0,227142857142857	0,797	12,3691860465116
NP2OE	6369		0	0,05	0,05	0,05	0,925844242893282	0,05	0,553770112524976	49,4949654956085
2,4,6 Trichlorophenol	1549	0.10	0	0,025	0,025	0,05	0,245770284007857	0,06887623762376 24	0,396808963913616	4,35059382422803
Mercury and its compounds	1387	0.50	0	0,080961331901181 5	0,242216627770745	0,25	0,30526812645064	0,25	0,270039037085231	3,85327865058754
Tetrachlorethylene	1272	0.50	0	0,1	0,25	0,25	0,226476536789122	0,25	0,25	0,276536930561698
Trichloroethylene	1286	0.50	0	0,037133690322872 2	0,25	0,25	0,22198903405472	0,25	0,25	0,3

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0.05	0	0,02	0,02	0,032211184713375 8	0,060626764623882 8	0,065	0,175	0,295969153225807
Monobutyltin cation	2542	0.02	0	0,005	0,005	0,013793954776188 3	0,030149158254392	0,036666666666667	0,068	0,191581421945486
Naphthalene	1517	0.05	0	0,005	0,025	0,025	0,050084307662078	0,033627583661417 3	0,06	0,835741660422211
Decabromodiphenyl ether (BDE-209)	1815	0.50	4,0E-6	0,005	0,005	0,02	0,024095078591741 2	0,026666666666667	0,049193830645161 3	0,18
Fluoranthene	1191	0.01	0	0,005	0,005	0,013680448469898 7	0,054202514961457 3	0,026042696025778 7	0,047306712221643	2,28885168341903
Dibutyltin cation	7074	0.02	0	0,0025	0,0025	0,01	0,016748334774580 5	0,01	0,03	0,426778242677824
Heptabromodiphenyl ether BDE 183	2910	0.50	0	0,0025	0,0025	0,0025	0,007114454574128 41	0,0025	0,025	0,049193830645161 3
Hexabromodiphenyl ether BDE 153	2912	0.50	0	0,001568237791932 06	0,0025	0,0025	0,006881756624409 1	0,0025	0,025	0,049193830645161 3
Hexabromodiphenyl ether BDE 154	2911	0.50	0	0,0025	0,0025	0,0025	0,007114454574128 41	0,0025	0,025	0,049193830645161 3
Pentabromodiphenyl ether (BDE 100)	2915	0.50	0	7,20222727272727E-4	0,0025	0,0025	0,007124995559399 37	0,00305	0,025	0,025
Pentabromodiphenyl ether (BDE 99)	2916	0.50	0	0,001568237791932 06	0,0025	0,0025	0,007215486927212 05	0,005621058091286 31	0,025	0,025
Tetrabromodiphenyl ether BDE 47	2919	0.50	0	0,0025	0,0025	0,0025	0,007378793995354 9	0,003008921161825 73	0,025	0,049193830645161 3
Tributyltin cation	2879	0.02	0	0,002	0,002	0,0061802	0,0076042	0,01	0,0134696	0,051

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

						8839219677	5413969764		7559943558	
Anthracene	1458	0.01	0	0,005	0,005	0,005	0,016366675722286 7	0,005	0,01	0,793166455647141

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0,312995666666667	3,2706	5,382148	17,66139164	51,7937197716261	68,526	115,135632	404,18883333333	2330,717389723 17	17,34	200	500
Copper and its compounds	1392	0	0,167437433333333	1,0748436	3,61344	7,27130103423882	8,2883666666667	15,864333333333	39,8208096	319,9372455065 08	12,45	200	500
Chloroform	1135	0	0	0	0,11252016	0,969418748036667	0,628741016666667	5,1466	7,2439423533333	38,776749921466 7	18,68	20	100
Methylene chloride	1168	0	0	0	0	2,20210755981481	0	4,93925	31,80812	79,27587215333 33	40,12	20	100
Chrome and its compounds	1389	0	0	0	0	2,50522878264743	0,801436	1,661266666666 7	59,4027792	82,672549827367 51	71,85	200	500
Linear or branched nonylphenols	6598	0	0	0,0045482	0,08208633875	0,482850082322352	0,210034191	1,076004	7,29064	20,762553539861 1	35,11	2	10
Lead and its compounds	1382	0	0	0	0	0,573524754886621	0	0,99776218	10,2815064	24,088039705238 1	42,68	20	100
Nickel and its compounds	1386	0	0	0	0	0,7637252	0	0,876808	15,2091504	32,0764584	47,42	20	100
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	0,475699940900901	0,124394	0,460564704	6,641566666666 7	17,600897813333 3	37,73	2	10
NP1OE	6366	0	0	0	0	0,119736705171171	0,035887333333333	0,27954072	1,103141666666 7	4,430258091333 33	24,9		
NP2OE	6369	0	0	0	0	0,35596323572973	0,0167322	0,18156	5,903066666666 7	13,170639722	44,82		
2,4,6 Trichlorophenol	1549	0	0	0	0	0,051265573018518 5	0,03195	0,11646	0,610533333333 333	1,845560628666 67	33,08	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Monobutyltin cation	2542	0	0	0	0	0,010181881554215 7	0,006083166666666667	0,026376537683 3333	0,13026096	0,346183972843333	37,63	300	500
Naphthalene	1517	0	0	0	0	0,008619645283870 97	0,001296	0,0195	0,129376152	0,2672090038	48,42	20	100
Fluoranthene	1191	0	0	0	0	0,011442216477981 6	0,001821227777777778	0,01231164	0,354323396	0,469130875597244	75,53	4	30
Decabromodiphenyl ether (BDE-209)	1815	0	0	0	0	0,004273230666666667	0	0,00354	0,067546152	0,076918152	87,82		
Dibutyltin cation	7074	0	0	0	0	0,001747927098585 86	0	0,0018612	0,03825	0,057681594253 3333	66,31	300	500
Anthracene	1458	0	0	0	0	0,004114143054166 67	0	8,908333333333333E-4	0,12278534	0,131652577733333	93,26	2	10
Cadmium and its compounds	1388	0	0	0	0	0	0	0	0	0		2	10
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0	0	0	0	0,003204923	0	0	0,067546152	0,076918152	87,82	2	5
Heptabromodiphenyl ether BDE 183	2910	0	0	0	0	0	0	0	0	0			
Hexabromodiphenyl ether BDE 153	2912	0	0	0	0	0	0	0	0	0			
Hexabromodiphenyl ether BDE 154	2911	0	0	0	0	0	0	0	0	0			
Mercury and its compounds	1387	0	0	0	0	0,029262853658536 6	0	0	0,621585	1,199777	51,81	2	5
Pentabromodiphenyl ether (BDE 100)	2915	0	0	0	0	0	0	0	0	0		2	5
Pentabromodiphenyl ether (BDE 99)	2916	0	0	0	0	0	0	0	0	0		2	5
Tetrabromodiphenyl	2919	0	0	0	0	0	0	0	0	0			

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

ether BDE 47													
Tetrachlorethylene	1272	0	0	0	0	0	0	0	0	0		2	5
Tributyltin cation	2879	0	0	0	0	2,03171587878788E-4	0	0	0,0028990272	0,0067046624	43,24	2	5
Trichloroethylene	1286	0	0	0	0	0	0	0	0	0		2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
15 Pharmaceutical industry: Galenic formulation of pharmaceutical products	45	9	20	0	0

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Nonylphenol ethoxylates	6366, 6369	3	0
Linear or branched nonylphenols	6598	3	0
Zinc and its compounds	1383	3	0
Methylene chloride	1168	1	0
		10	0

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 16 Printing industry

1 Sector data

18 sites
106 samples
23 substances in the Sector specific list

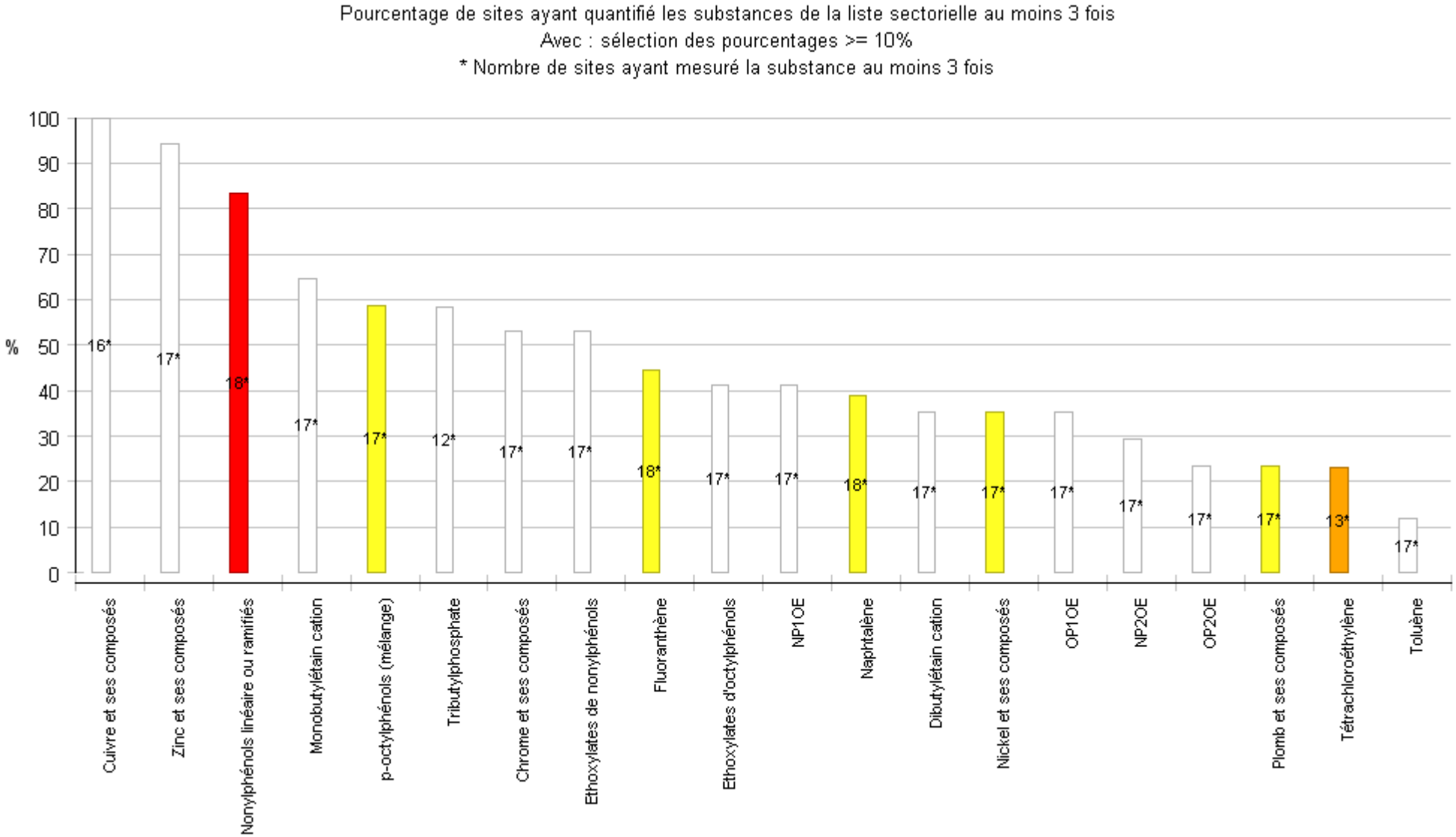
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Benzene	1114	1	20	100
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Dibutyltin cation	7074	0,02	300	500
Fluoranthene	1191	0,01	4	30
Monobutyltin cation	2542	0,02	300	500
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
OP1OE	6370	0,1	10	30
OP2OE	6371	0,1	10	30
p-octylphenols (mixture)	6600	0,1	10	30
Lead and its compounds	1382	5	20	100
Toluene	1278	1	300	1 000
Tributyltin cation	2879	0,02	2	5
Trichloroethylene	1286	0,5	2	5
Zinc and its compounds	1383	10	200	500
Cadmium and its compounds	1388	2	2	10
Tetrachlorethylene	1272	0,5	2	5
Tributyl phosphate	1847	0,1	300	2 000
Xylenes (total o, m, p)	1780	2	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire»	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	6,64990571967316	14,7072049054675	35,1692546583851	60,8276212890211	177,519197283436	159,133709305306	323,751504293151	1324,15651183109
Copper and its compounds	1392	5.00	7,94736842105263	15,2870157004648	24,125974025974	57,9283618581907	203,872262403995	160,983141775404	261,790680582096	1886,61607280185
Chrome and its compounds	1389	5.00	0	0	2,5	2,5	8,584505741798974	7,842663940615294	11,13748597081934	70,83260773578244
Linear or branched nonylphenols	6598	0.10	0,05	0,117443110418023	0,352413793103448	1,713136645962734	3,758054476419524	2,802926829268294	9,852863330125124	18,66194032044694
Toluene	1278	1.00	0	0,1	0,450721847930703	0,577121858003822	55,42954456415584	1,616315789473684	8,375	947,261086900795
Nickel and its compounds	1386	10.00	0	4,148484848484845	5	5	7,455109147683574	6,510545347640754	7,118767269572184	27,24137931034484
Nonylphenol ethoxylates	6366, 6369	0.10	0,048605418052190 9	0,1	0,176890243902439	0,362682926829268	3,357382150688555	2,291155015197574	5,509870129870134	23,941961501443704
NP1OE	6366		0,024302709026095 4	0,05	0,126890243902439	0,243793103448276	2,582222275889694	1,217550078734394	5,459870129870134	18,643601780558204
Lead and its compounds	1382	5.00	0	1,95975609756098	2,5	3,123474087419954	3,753182388780024	4,391594415961884	4,618893166506264	10,53409378215494
NP2OE	6369		0,024302709026095 4	0,05	0,05	0,076707317073170 7	0,775159874798863	1,073604936463184	2,119681023078054	5,298359720885474
Xylenes (total o, m, p)	1780	2.00	0,1	0,1	0,432177625702 13	0,926941809792361	0,932556989894704	1	1,967845117845124	2,247368421052634
Naphthalene	1517	0.05	0,01	0,015934290648005 1	0,025	0,044573170731707 3	0,737107980619797	0,109686710367305	1,785552558108764	6,565473602484474
Octylphenol ethoxylates	6370, 6371	0.10	0,048605418052190 9	0,062455667789001 1	0,1	0,1	0,609639117395441	0,729309006211184	1,035779220779224	4,252631578947374
Cadmium and its compounds	1388	2.00	0	0,422679036241073	0,5	0,5	0,676907094386384	1	1	1
OP1OE	6370		0,024302709026095 4	0,032433221099887 8	0,05	0,05	0,442142753782966	0,482925986525505	0,848441558441558	3,733684210526314

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Tetrachlorethylene	1272	0.50	0	0,031035173196289 1	0,1	0,25	0,562079091480719	0,25	0,823031784841076	2,7
Benzene	1114	1.00	0	0	0,1	0,25	0,420655450782649	0,5	0,5	2,44421052631579
p-octylphenols (mixture)	6600	0.10	0,024302709026095 4	0,030022446689113 4	0,05	0,087171055040832	0,156936821685113	0,172626082771896	0,5	0,549025974025974
Fluoranthene	1191	0.01	0,005	0,005	0,006706155930713 74	0,02425	0,227781585094317	0,070344827586206 9	0,488973105134474	2,589780456985 08
OP2OE	6371		0,024302709026095 4	0,030022446689113 4	0,05	0,05	0,167496363612475	0,266318586661767	0,350867537737135	0,609200310559006
Trichloroethylene	1286	0.50	0	0	0,1	0,25	0,297385583288416	0,25	0,308038961038961	1,588703513155 96
Dibutyltin cation	7074	0.02	0,0025	0,003119617180807 46	0,005729666689202 89	0,010233725537918 6	0,325210077776297	0,022368421052631 6	0,253223344556678	4,673579766536 97
Tributyl phosphate	1847	0.10	0,01	0,01	0,035413468597744 1	0,071894736842105 3	0,244033964548036	0,144378048780488	0,151484414920797	2,133511961722 49
Monobutyltin cation	2542	0.02	0,004486243010970 59	0,005	0,01	0,028220048899755 5	0,117542306194407	0,069715643650380 5	0,126444987271415	1,253221575933 84
Tributyltin cation	2879	0.02	0,002	0,002	0,004007153806847 22	0,01	0,017171505088527	0,017317073170731 7	0,018842105263157 9	0,111039281705948

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Copper and its compounds	1392	0,025166666666667	0,0473854	0,3096166666666667	0,9811408	3,47139869208333	3,80976264	10,18668333333333	11,300533543	55,542379073333333	20,35	200	500
Zinc and its compounds	1383	0	0,0310092	0,6843	2,2816666666666767	48,4638948725961	4,4326656	7,6617736	768,119357696	823,8862128341333	93,23	200	500
Chrome and its compounds	1389	0	0	0	0	0,357365727411765	0,16803482	0,34295616	4,549388184	6,075217366	74,88	200	500
Linear or branched nonylphenols	6598	0	4,088E-4	0,00305802	0,011360342	0,074463649237037	0,081897	0,2115953	0,335511816666667	1,3403456862666767	25,03	2	10
Nonylphenol ethoxylates	6366, 6369	0	0	1,2082E-4	0,0080243136	0,028211491054902	0,034972	0,0580942	0,199005584	0,479595347933333	41,49	2	10
Toluene	1278	0	0	0	0	0,287552218392157	0,003089316	0,05022458	4,311143083333333	4,888387712666667	88,19	300	1000
NP1OE	6366	0	0	1,2082E-4	0,00450850752	0,020632195442352 9	0,0147169	0,04185	0,154965618	0,35074732252	44,18		
NP2OE	6369	0	0	0	0	0,007579295612549 02	0,00938824	0,02403365	0,044039966	0,128848025413333	34,18		
Octylphenol ethoxylates	6370, 6371	0	0	0	0	0,006352318698045 1	0,0132925	0,015655833333333333	0,03160205	0,107989417866767	29,26	10	30
Naphthalene	1517	0	0	0	0	0,012118459901101 5	4,992025E-4	0,014841512863	0,140938833333333	0,218132278219827	64,61	20	100
OP1OE	6370	0	0	0	0	0,003823449056372 55	0,0040140808	0,010883333333333333	0,027666175	0,064998633958 3333	42,56		
Fluoranthene	1191	0	0	0	3,9998E-4	0,002537489008916 11	0,001451083333333333	0,007374544	0,021526255158 46	0,045674802160 49	47,13	4	30

Monobutyltin cation	2542	0	0	0	3,25316666666667E-4	0,004855299817395 83	0,001039900972 25833	0,006513984	0,04044079	0,087395396713125	46,27	300	500
p-octylphenols (mixture)	6600	0	0	0	0	0,002635281438240 74	0,001434868	0,006073452221 66667	0,025	0,047435065888 3333	52,7	10	30
Dibutyltin cation	7074	0	0	0	0	0,002374914146647 69	7,083333333333333E-5	0,006005555	0,027602 2775	0,042748454639 6583	64,57	300	500
OP2OE	6371	0	0	0	0	0,002528869641672 55	0,002404166666 66667	0,003935875	0,01853956	0,042990783908 4333	43,12		
Tributyl phosphate	1847	0	0	0	0	0,007277233072222 22	0,001973166666 66667	0,002675424	0,07232994	0,087326796866 6667	82,83	300	2000
Tetrachlorethylene	1272	0	0	0	0	0,012380306923076 9	0	6,7324E-4	0,137455416666 667	0,16094399	85,41	2	5
Benzene	1114	0	0	0	0	4,55294117647059E-4	0	0	0,00774	0,00774	100	20	100
Cadmium and its compounds	1388	0	0	0	0	0	0	0	0	0		2	10
Nickel and its compounds	1386	0	0	0	0	0,008308307941176 47	0	0	0,109641235	0,141241235	77,63	20	100
Lead and its compounds	1382	0	0	0	0	0,020050632156862 7	0	0	0,22142168	0,340860746666 667	64,96	20	100
Tributyltin cation	2879	0	0	0	0	2,516185606505 56E-4	0	0	0,00341922816	0,003774278409 75833	90,59	2	5
Trichloroethylene	1286	0	0	0	0	0,001033179444444 44	0	0	0,01801325	0,01859723	96,86	2	5
Xylenes (total o, m, p)	1780	0	0	0	0	7,11666666666667E-4	0	0	0,007116666666 66667	0,007116666666 66667	100	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
16 Printing industry	18	1	5,5556	1	5,5556

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Zinc and its compounds	1383	1	1
		1	1

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Zinc and its compounds	1383	268,119357696	823,886212834133	32,54
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 17 Agri-food industry (Products of animal origin)

1 Sector data

598 sites
3678 samples
19 substances in the Sector specific list

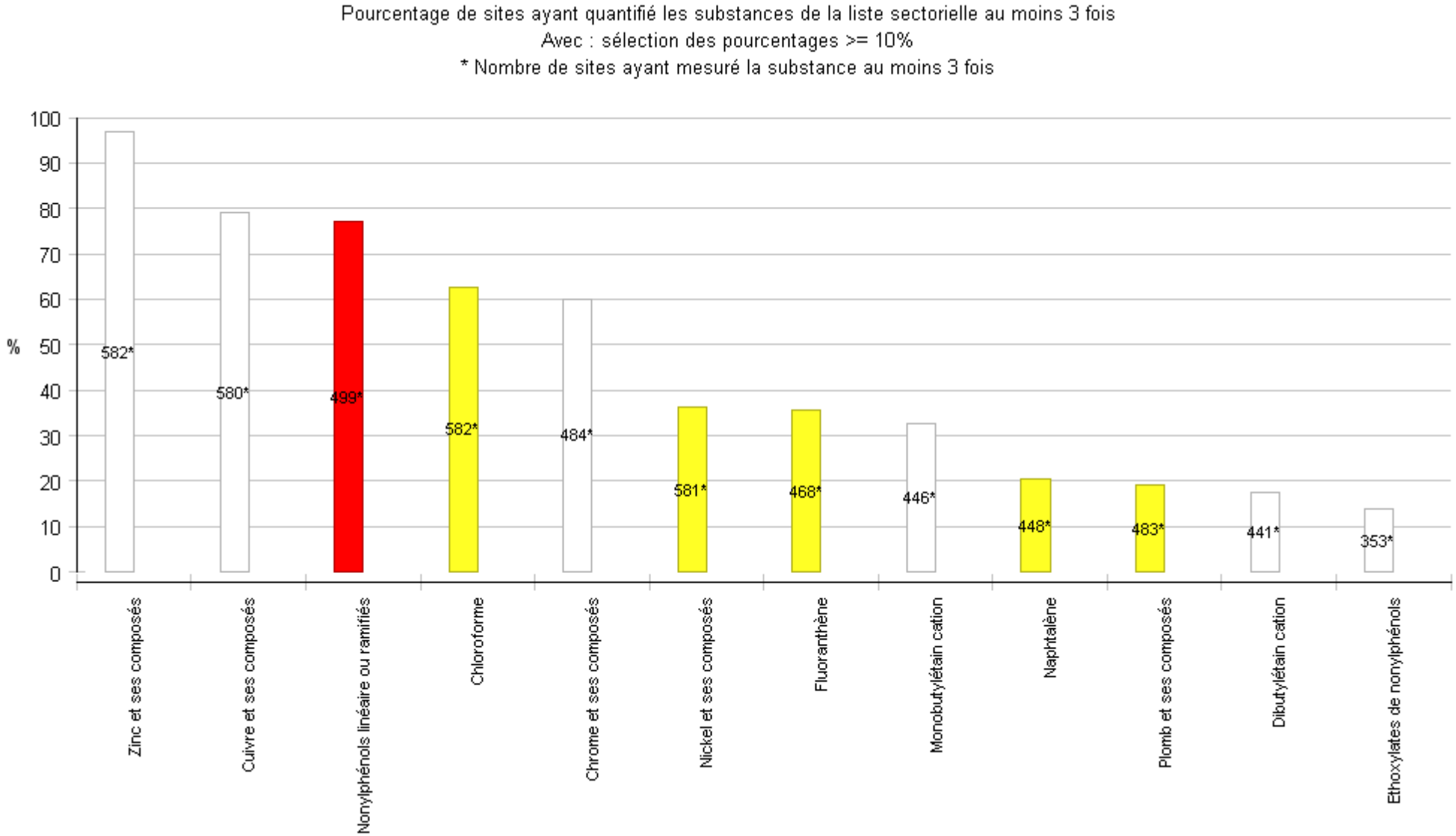
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Chloroform	1135	1	20	100
Copper and its compounds	1392	5	200	500
Nickel and its compounds	1386	10	20	100
Zinc and its compounds	1383	10	200	500
Chloroacetic acid	1465	25	300	500
Cadmium and its compounds	1388	2	2	10
Chrome and its compounds	1389	5	200	500
Dibutyltin cation	7074	0,02	300	500
Fluoranthene	1191	0,01	4	30
Mercury and its compounds	1387	0,5	2	5
Monobutyltin cation	2542	0,02	300	500
Naphthalene	1517	0,05	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Lead and its compounds	1382	5	20	100
Carbon tetrachloride	1276	0,5	2	5
Tributyltin cation	2879	0,02	2	5
Trichloroethylene	1286	0,5	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	2,42332041696229	22,7451332000998	54,7376322477688	134,741080530071	235,707514352233	240,255924170616	417,060814742968	18811,1833333333
Copper and its compounds	1392	5.00	0	2,5	6	16,6761517615176	39,3228884375029	36,1553341148886	87,9024038461538	839,410645804571
Chloroform	1135	1.00	0	0,320688923782148	0,5	3,142623941 95889	34,4185278468745	17,1349523516754	54,6056680161943	5660,90090566038
Chrome and its compounds	1389	5.00	0	0,800753090048853	2,5	5,167874637 60872	9,976050116 83123	11,114006514658	21,9061060763631	217,5
Chloroacetic acid	1465	25.00	0	0	2,971329479 76879	12,5	15,634231899 1493	12,5	20,4974470060343	456,215300727032
Nickel and its compounds	1386	10.00	0	2,434309526 56557	4,148098834 67462	5	8,791679211 7855	9,219593613 93324	18,4490610614512	123,982919935676
Lead and its compounds	1382	5.00	0	0	1	2,5	3,966411534 52963	3,086303939 96248	6	344,666666666667
Linear or branched nonylphenols	6598	0.10	0	0,05	0,095518750420790 4	0,428117228 72738	1,464411564 09964	1,220201520 27027	3,037280405 40541	37,0192995386673
Cadmium and its compounds	1388	2.00	0	0	0	0,5	0,639981331639437	1	1	18,2341920374707
Nonylphenol ethoxylates	6366, 6369	0.10	0	0	0,075	0,1	0,303165696618249	0,215763111373011	0,612729572159695	6,61785546801726
NP1OE	6366		0	0	0,026736441484300 7	0,05	0,147154793358968	0,097847604818377 1	0,294644630824373	3,32527258566978
Mercury and its compounds	1387	0.50	0	0	0	0,1	0,189898267609366	0,25	0,25	13,8688920454545
Carbon tetrachloride	1276	0.50	0	0	0	0,25	0,786523324672383	0,25	0,25	252,72
Trichloroethylene	1286	0.50	0	0	0	0,25	0,154088669249769	0,25	0,25	1,54676440849343
NP2OE	6369		0	0	0,044029683900000 4	0,05	0,156382506272814	0,087036099621069 7	0,2325	5,17538999426479
Naphthalene	1517	0.05	0	0	0,005	0,025	0,068560298941923 1	0,058093618647306 1	0,154559686888454	1,31951993040659

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Monobutyltin cation	2542	0.02	0	0	0,007963884430176 57	0,014561369067941 3	0,146903120015171	0,042788812219441 7	0,101806060606061	48,5943098384728
Fluoranthene	1191	0.01	0	0,002478516743919 59	0,005	0,009131364562118 13	0,058663487735349 9	0,036581395348837 2	0,097280790441176 5	5,57049180327869
Dibutyltin cation	7074	0.02	0	0	0,003347913862718 71	0,01	0,069765537533367 8	0,023733530961791 8	0,06	17,145751765893
Tributyltin cation	2879	0.02	0	0	0	0,01	0,014142336384563 8	0,010667593880389 4	0,028169957263447 9	0,641805229655517

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	1,6042833333333	6,07203372	17,549666666667	48,6802933537126	47,375666666667	112,43033333333	2250,9952	28818,733665397	7,81	200	500
Copper and its compounds	1392	0	0	0,124	1,6691666666667	5,71275046324968	4,9432176	11,47744	158,899936	3381,948274243 81	4,7	200	500
Chloroform	1135	0	0	0	0,305052	4,90683576666725	1,978656	7,03095	750,06937	2914,660445400 34	25,73	20	100
Chrome and its compounds	1389	0	0	0	0,080968333333 3334	1,47325394098409	1,1384496	3,8813333333333	34,149833333333	735,1537165510 61	4,65	200	500
Nickel and its compounds	1386	0	0	0	0	2,10013507312811	0	2,256696	137,88833333333	1241,179828218 71	11,11	20	100
Linear or branched nonylphenols	6598	0	0	0,001174484	0,048459	0,639723570384121	0,271720333333333	1,007515	55,05858	335,2151508812 79	16,42	2	10
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	0,070682567888213 3	0,00616864	0,11252154	5,3145247	25,587089575532	20,77	2	10
Lead and its compounds	1382	0	0	0	0	0,211577247288167	0	0,0985392	32,118166666667	106,0002008913 71	30,3	20	100
NP1OE	6366	0	0	0	0	0,026193404238813 8	0,001100666666666667	0,0545568	0,99286583333333	9,455818930211 79	10,5		
NP2OE	6369	0	0	0	0	0,044561521119672 5	0	0,04742775	4,6924226	16,131270645321 4	29,09		
Naphthalene	1517	0	0	0	0	0,017768723495023 3	0,0015406224	0,026326666666666667	1,3155718	8,422374936641 05	15,62	20	100
Fluoranthene	1191	0	0	0	0	0,010049229108237	0,003102666666	0,023955705333	0,27687485384	4,944220721252	5,6	4	30

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

						1	66667	3333		63			
Monobutyltin cation	2542	0	0	0	0	0,012136556415967 4	0,00256 3333333 33333	0,01426	2,64741 8	5,66777 1846256 77	46,71	300	500
Dibutyltin cation	7074	0	0	0	0	0,005035735792491 25	6,59336 E-4	0,00743 62	0,84957 2	2,32650 9936130 96	36,52	300	500
Tributyltin cation	2879	0	0	0	0	0,001197943575380 69	0	0,00130 8833333 33333	0,07898 7376	0,54027 2552496 689	14,62	2	5
Chloroacetic acid	1465	0	0	0	0	2,5644819 8815807	0	0	333,037 5	1292,49 8922031 67	25,77	300	500
Cadmium and its compounds	1388	0	0	0	0	0,010728332600276 6	0	0	1,29766 6666666 67	5,17105 6313333 33	25,09	2	10
Mercury and its compounds	1387	0	0	0	0	0,006099858834716 46	0	0	1,62728 3333333 33	2,94013 1958333 33	55,35	2	5
Carbon tetrachloride	1276	0	0	0	0	0,082349577658991 2	0	0	33,4854	37,5514 074125	89,17	2	5
Trichloroethylene	1286	0	0	0	0	0,003701385991189 43	0	0	0,97940 3266666 667	1,68042 924	58,28	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
17 Agri-food industry (Products of animal origin)	598	80	13,3779	12	2,0067

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Chloroform	1135	25	3
Nickel and its compounds	1386	16	2
Zinc and its compounds	1383	28	4
Chloroacetic acid	1465	1	0
Nonylphenol ethoxylates	6366, 6369	4	0
Linear or branched nonylphenols	6598	25	4
Lead and its compounds	1382	1	0
Carbon tetrachloride	1276	1	1
		101	14

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Carbon tetrachloride	1276	28,4854	37,5514074125	75,86
Linear or branched nonylphenols	6598	110,973315833333	335,215150881279	33,11
Chloroform	1135	752,526303333333	2914,66044540034	25,82
Zinc and its compounds	1383	2708,59285333333	28818,7336653979	9,4
Nickel and its compounds	1386	39,65847333333	1241,179828218	3,2

		33	71	
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 18.1 Wine production

1 Sector data

146 sites
875 samples
18 substances in the Sector specific list

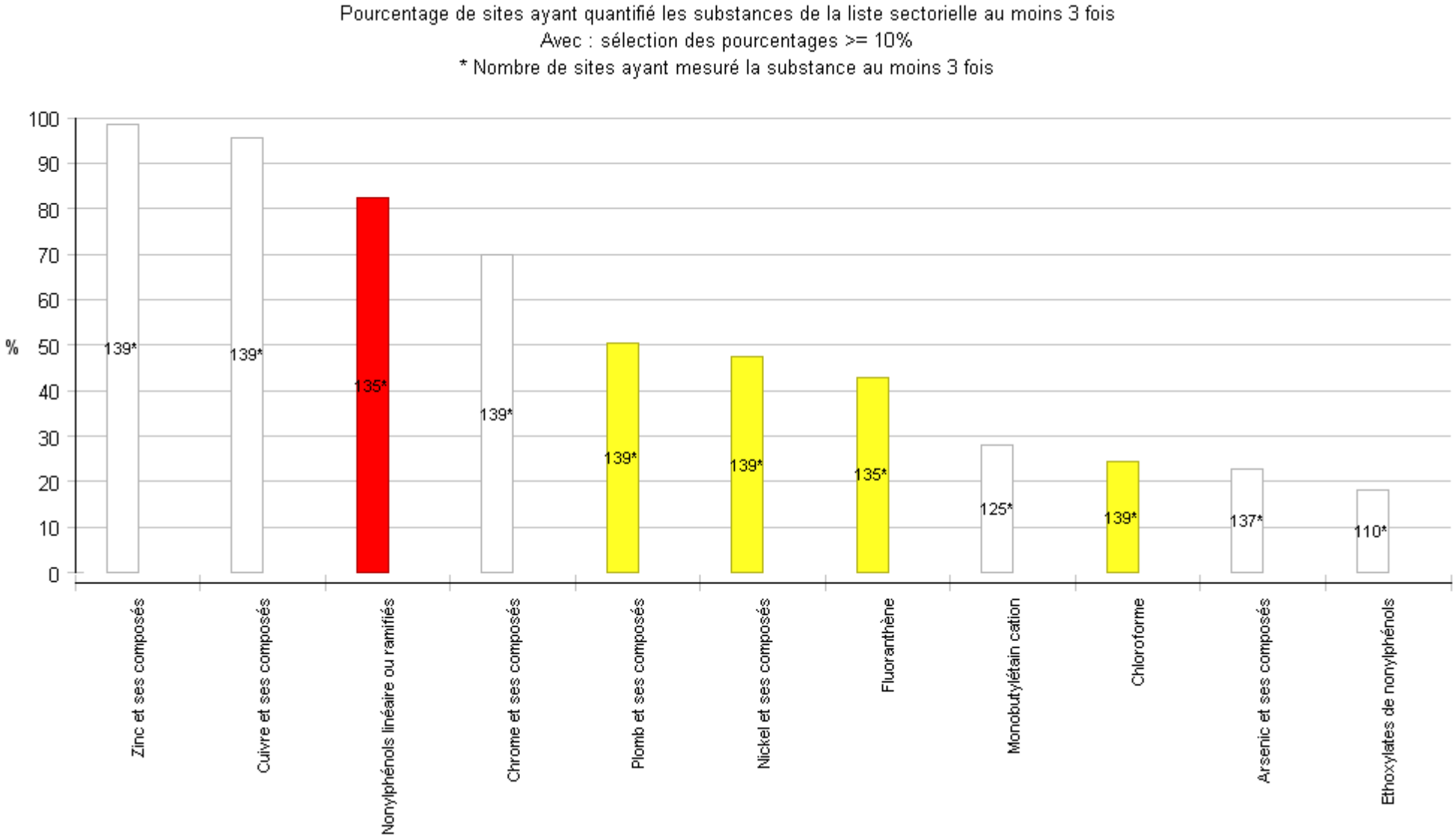
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Arsenic and its compounds	1369	5	10	100
Cadmium and its compounds	1388	2	2	10
Chloroform	1135	1	20	100
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Fluoranthene	1191	0,01	4	30
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Pentachlorophenol	1235	0,1	4	30
Lead and its compounds	1382	5	20	100
Zinc and its compounds	1383	10	200	500
Dibutyltin cation	7074	0,02	300	500
Mercury and its compounds	1387	0,5	2	5
Monobutyltin cation	2542	0,02	300	500
Tributyltin cation	2879	0,02	2	5
Trichloroethylene	1286	0,5	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire»	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	0	32,8509761924376	93	210,150897920605	539,587587184969	434,781019391 28	1037	19072,53
Copper and its compounds	1392	5.00	0	8,41792452830189	24,7101335428123	69,2536170212766	274,300672598049	151,322314326624	408,017964071856	8620,05
Chrome and its compounds	1389	5.00	0	1,25	3,17072189606436	8,61248	23,3701800939045	17,3960918316211	31,3	1368,26
Nickel and its compounds	1386	10.00	0	3,08669491525424	5	6,39977851605759	23,5787904754488	14	25,57	1527,47781024143
Lead and its compounds	1382	5.00	0	0,418897081102919	2,5	4,89315597511264	19,2930530180702	11,66	25,0204918032787	783,748387096774
Chloroform	1135	1.00	0	0	0,069930069930069 9	0,5	8,97297797429174	1,21040974529347	12,9343920972644	381,306382978723
Arsenic and its compounds	1369	5.00	0	0	0	2,5	4,44913355373531	3,76586294416244	9,82309651853948	66,7405
Linear or branched nonylphenols	6598	0.10	0,025	0,053726928537624 2	0,215206585896241	0,796724742750234	1,91285186226095	2,386368	5,43306709265176	19,6651612903226
Cadmium and its compounds	1388	2.00	0	0	0	0,5	0,712516081227545	1	1	14,9
Nonylphenol ethoxylates	6366, 6369	0.10	0	0	0,02	0,1	0,366022914935817	0,159872340425532	0,378055555555556	11,3745019920319
Trichloroethylene	1286	0.50	0	0	0	0	0,160977028652879	0,25	0,25	2,35476310539124
Mercury and its compounds	1387	0.50	0	0	0	0,1	0,201502024127647	0,25	0,25	9,8
NP1OE	6366		0	0	0,01	0,05	0,198025857006932	0,081301204819277 1	0,225310734463277	7,64859233506209
NP2OE	6369		0	0	0,01	0,05	0,167997057928885	0,067704187447760 2	0,157758620689655	8,87649402390438
Monobutyltin cation	2542	0.02	0	0	0,01	0,014523076923076 9	0,058749804843689 9	0,052377457627118 7	0,149233255135822	0,682193548387097
Fluoranthene	1191	0.01	0	0,0025133	0,0050534	0,0144796	0,2804926	0,0376155	0,1385	21,887548

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

				8248661751	5911949686	538821328	5187109	798190257		3870968
Pentachlorophenol	1235	0.10	0	0	0	0,042879085559076 5	0,125540966884205	0,05	0,058282889426957 2	13,158333 3333333
Dibutyltin cation	7074	0.02	0	0	0	0,01	0,020294906611190 8	0,012581673306772 9	0,031	0,385
Tributyltin cation	2879	0.02	0	0	0,002089032578960 46	0,01	0,014084957925047 4	0,012366412213740 5	0,027834716017868 5	0,168949054790131

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	0,604455	2,01812	7,646964	23,7845454183181	21,06888966666667	57,4026	256,38937116666667	3424,974540237781	7,49	200	500
Copper and its compounds	1392	0	0,133085	0,491951666666667	2,876908333333333	16,1661632278406	8,126666666666667	22,308165833333333	658,735904	2327,927504809005	28,3	200	500
Chrome and its compounds	1389	0	0	0	0,205813333333333	1,06323726554729	0,98194108	2,7995	20,7403544	153,1061662388 1	13,55	200	500
Nickel and its compounds	1386	0	0	0	0	1,63811205467262	0,2635773	1,7903966666666667	148,997823	235,8881358728 57	63,16	20	100
Lead and its compounds	1382	0	0	0	0	0,731214651732804	0,433833333333333	1,19754	13,5211924	105,2949098495 24	12,84	20	100
Chloroform	1135	0	0	0	0	0,556614412074286	0,079	0,675123428571428	19,465336	80,709089750771 4	24,12	20	100
Arsenic and its compounds	1369	0	0	0	0	0,164294676904762	0	0,521825	4,13178	23,32984412047 62	17,71	10	100
Linear or branched nonylphenols	6598	0	0	0,00328618	0,021800915	0,12628245013269	0,098528	0,259702	3,11981253	18,31095526924	17,04	2	10
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	0,015287950099415 2	0	0,02204	0,571	1,7428263113333 33	32,76	2	10
NP2OE	6369	0	0	0	0	0,008182494942982 46	0	0,007819632	0,4456	0,9328044235	47,77		
Monobutyltin cation	2542	0	0	0	0	0,002674546985382 72	0,001236108	0,006855	0,041617973333 3333	0,3610638430266 67	11,53	300	500
Fluoranthene	1191	0	0	0	3,622056666666 67E-4	0,023422653193399 9	0,001622924	0,005953	2,714942375	3,3494394066566 19	81,06	4	30

NP1OE	6366	0	0	0	0	0,007105455156432 75	0	0,00487 62	0,26619 7783333 333	0,81002 1887833 333	32,86		
Tributyltin cation	2879	0	0	0	0	4,8304697 3333333E-4	0	0,00155 664	0,00966 3333333 33333	0,06038 0871666 6667	16	2	5
Dibutyltin cation	7074	0	0	0	0	7,2117951 5301121E-4	0	0,00145 6285714 28571	0,01540 5144166 6667	0,09808 0414080 9524	15,71	300	500
Cadmium and its compounds	1388	0	0	0	0	0,0060180 70069930 07	0	0	0,43888	0,86058 402	51	2	10
Mercury and its compounds	1387	0	0	0	0	0,0028794 32913669 06	0	0	0,1876	0,40024 1175	46,87	2	5
Pentachlorophenol	1235	0	0	0	0	0,0029387 78223844 28	0	0	0,3158	0,40261 2616666 667	78,44	4	30
Trichloroethylene	1286	0	0	0	0	0,0036016 525	0	0	0,24767 12	0,28813 22	85,96	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
18.1 Wine production	146	5	3,4247	2	1,3699

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Copper and its compounds	1392	3	1
Nickel and its compounds	1386	1	1
Linear or branched nonylphenols	6598	2	0
Zinc and its compounds	1383	2	0
		8	2

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Nickel and its compounds	1386	48,997823	235,888135872857	20,77
Copper and its compounds	1392	158,735904	2327,92750480905	6,82

Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 18.2 Agri-food industry (Products of plant origin) excluding wine production

1 Sector data

383 sites
2425 samples
26 substances in the Sector specific list

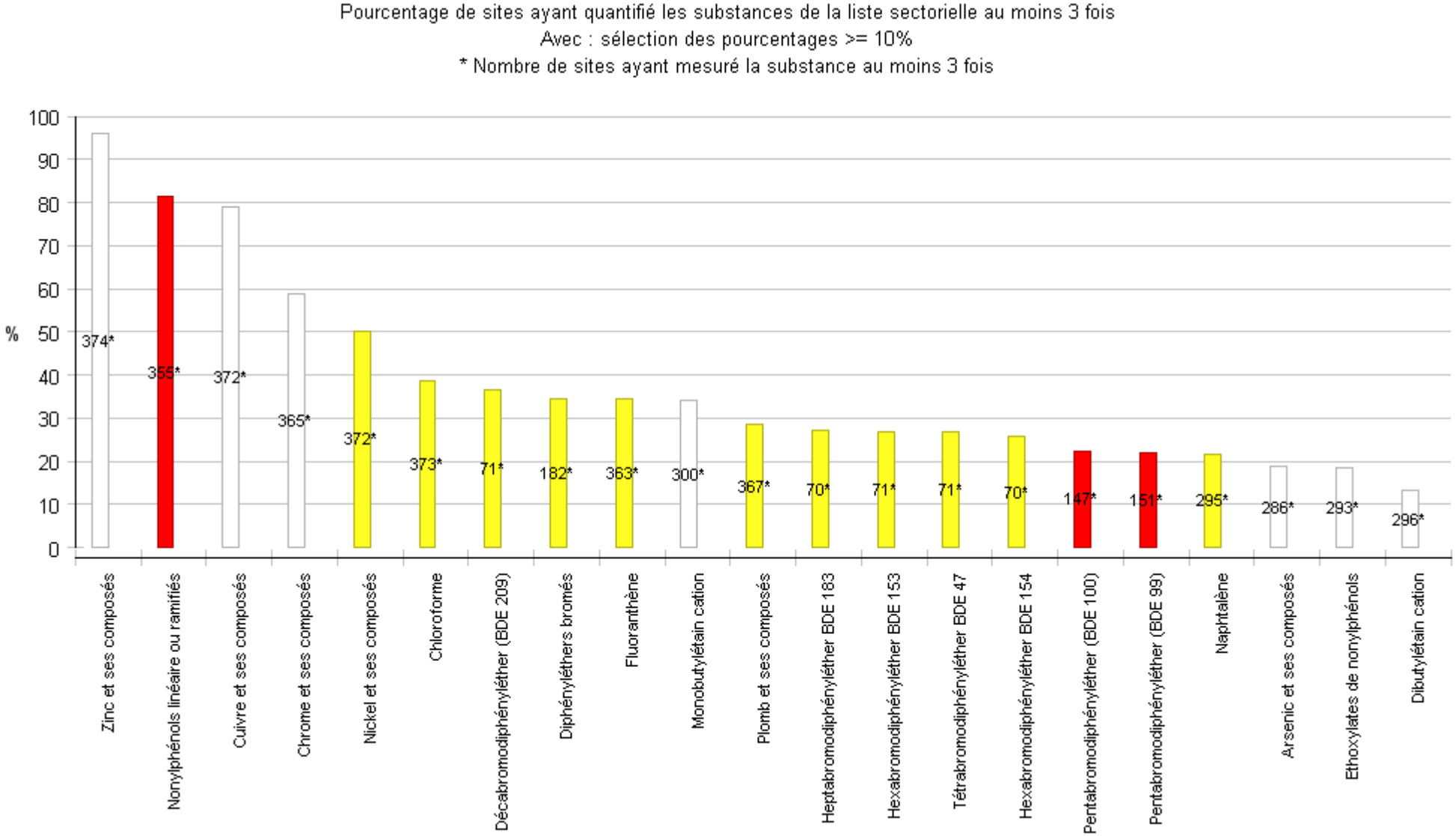
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Chloroform	1135	1	20	100
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Fluoranthene	1191	0,01	4	30
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Lead and its compounds	1382	5	20	100
Zinc and its compounds	1383	10	200	500
Arsenic and its compounds	1369	5	10	100
Cadmium and its compounds	1388	2	2	10
Decabromodiphenyl ether (BDE-209)	1815	0,05		
Dibutyltin cation	7074	0,02	300	500
Heptabromodiphenyl ether (BDE-183)	2910	0,05		
Hexabromodiphenyl ether (BDE-153)	2912	0,05		
Hexabromodiphenyl ether (BDE 154)	2911	0,05		
Hexachlorobenzene	1199	0,01	2	5
Mercury and its compounds	1387	0,5	2	5
Monobutyltin cation	2542	0,02	300	500
Naphthalene	1517	0,05	20	100
Pentabromodiphenyl ether (BDE 100)	2915	0,05		
Pentabromodiphenyl ether (BDE 99)	2916	0,05		
Tetrabromodiphenyl ether (BDE 47)	2919	0,05		
Carbon tetrachloride	1276	0,5	2	5
Tributyltin cation	2879	0,02	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	3,06961895640188	16,872281418771	36,8523329003896	103,666966506164	255,63287347992	265,032142857143	534,764397905759	6541,48148148148
Copper and its compounds	1392	5.00	0	2,5	5,55639327559857	19,1083992817716	60,365316020551	47,0002218278616	108,05	7084,23333333333
Chrome and its compounds	1389	5.00	0	0,5	2,5	6,10131467067827	19,4498830448851	13,3550167553716	30,848	1919,83220791243
Nickel and its compounds	1386	10.00	0	1,94500891265597	5	7,38493723849372	16,2018969855898	15,1621251770581	27,2729812981298	923,271149290713
Chloroform	1135	1.00	0	0,073101908130318 3	0,5	0,5	14,9072353571261	3,06932504821084	19,8408158220025	1500
Lead and its compounds	1382	5.00	0	0	2	2,5	9,37455531990049	5,10791611036938	12,2050438596491	885,690718000381
Arsenic and its compounds	1369	5.00	0	0	1,63823529411765	2,5	5,02571010791559	2,93066859739352	7,76314363143631	483,276172842868
Linear or branched nonylphenols	6598	0.10	0	0,05	0,09208	0,407688888888889	4,42249336224166	1,56213882720125	4,52304123711134	885,282208532349
Cadmium and its compounds	1388	2.00	0	0	0,285724490160363	0,6	0,824061063755738	1	1	16,0628744972503
Nonylphenol ethoxylates	6366, 6369	0.10	0	0	0,086977284460506	0,1	0,86064557092753	0,1985950413223 14	0,5086140254003 31	126,95618274828
NP1OE	6366		0	0	0,041387145639472	0,05	0,640592372450699	0,0899545315734112	0,275	108,894690421591
Mercury and its compounds	1387	0.50	0	0	0,038012110665584 4	0,127549437766576	0,163631653083564	0,25	0,25	1,970946579194
Carbon tetrachloride	1276	0.50	0	0	0	0,25	0,232930249117105	0,25	0,25	13,8981762917933
NP2OE	6369		0	0	0,05	0,05	0,222599487148215	0,094973600844773	0,231715307305 76	18,061492326689
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911,	0.05	0	0	0,013652934131736 5	0,05	0,127414832254339	0,115515759312321	0,214988567073171	2,38417362637363

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

	2916, 2915									
Decabromodiphenyl ether (BDE-209)	1815	0.50	0	0,005	0,016255836341756 9	0,025	0,116949513803473	0,071485363135901 5	0,20711694684837	2,0097
Naphthalene	1517	0.05	0	0	0,01	0,025	0,320189089290767	0,060033690658499 2	0,170678002125399	55,9639694244604
Monobutyltin cation	2542	0.02	0	0	0,01	0,016483071482745 5	0,060946729088030 8	0,05	0,128470399292766	2,08455500276396
Fluoranthene	1191	0.01	0	0,002542075736325 39	0,005	0,008172955600523 75	0,216682659656465	0,028	0,104021209169054	37,025220412595
Dibutyltin cation	7074	0.02	0	0	0,005	0,01	0,025954971491289 9	0,019325653120464 4	0,060122215651488 3	0,609297954671089
Heptabromodiphenyl ether BDE 183	2910	0.50	0	0	0,0025	0,006773265142398 72	0,019194396171248 4	0,025	0,038142033649134 3	0,149253846153846
Hexabromodiphenyl ether BDE 153	2912	0.50	0	0	0,0025	0,008637449392712 55	0,019163053452679 9	0,025	0,038142033649134 3	0,149253846153846
Hexabromodiphenyl ether BDE 154	2911	0.50	0	0	0,0025	0,006773265142398 72	0,019133771907623 4	0,025	0,038142033649134 3	0,149175824175824
Tetrabromodiphenyl ether BDE 47	2919	0.50	0	0	0,0025	0,008637449392712 55	0,019282785719572 8	0,025	0,038142033649134 3	0,149175824175824
Pentabromodiphenyl ether (BDE 100)	2915	0.50	0	0	0,001695524560339 6	0,013095854922279 8	0,017799966138293 7	0,025	0,025	0,149253846153846
Pentabromodiphenyl ether (BDE 99)	2916	0.50	0	0	0,001829446033118 31	0,013420572800853 9	0,018077270139493 1	0,025	0,025	0,149253846153846
Hexachlorobenzene	1199	0.01	0	0	0,002069779538270 72	0,005	0,016074952525491	0,005	0,023131868131868 1	0,86207847189483
Tributyltin cation	2879	0.02	0	0	0,002	0,01	0,015091898843636 2	0,01	0,022075683890577 5	0,566479564032698

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	1,7134786666667	5,3515333333333	19,265333333333	205,663300046706	60,1065	186,33077	22877,433333333	77740,727417655	29,43	200	500
Copper and its compounds	1392	0	0	0,21133333333333	2,1517358333333	35,620685583303	10,77955	38,745066666667	2938,179583333	13428,998464905	21,88	200	500
Nickel and its compounds	1386	0	0	0	0	26,7098680420831	0,702772	20,568	3329,754592	10069,620251865	33,07	20	100
Chrome and its compounds	1389	0	0	0	0,142	34,431613098973	2,2135096	13,7136	6845,93432	12808,560072817	53,45	200	500
Chloroform	1135	0	0	0	0	6,66203659129277	0,521976666666667	6,088395	1140	2531,573904691	45,03	20	100
Lead and its compounds	1382	0	0	0	0	17,0937712494955	0,053352	2,719061	3122,761248	6393,070447311	48,85	20	100
Linear or branched nonylphenols	6598	0	0	6,1425E-4	0,062701666666667	2,34628417733899	0,4772876	2,483501666666667	305,480712736	863,4325772607	35,38	2	10
Arsenic and its compounds	1369	0	0	0	0	8,49816998864407	0	1,00948	1703,931264	2506,96014665	67,97	10	100
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	0,146845344744994	0,010544	0,159857916666667	11,987816666666667	44,494139457733	26,94	2	10
NP2OE	6369	0	0	0	0	0,071304302381346	0	0,065881470833333	6,0672	21,533899319167	28,18		
NP1OE	6366	0	0	0	0	0,076027285227041 9	2,7356E-4	0,051528	11,523558333333	22,960240138567	50,19		
Naphthalene	1517	0	0	0	0	0,223705441286995	0,0024554	0,050437693333333	55,82621330584	68,230159592534	81,82	20	100

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Monobutyltin cation	2542	0	0	0	0	0,031923383913644 3	0,005361958166 66667	0,04484745	3,01820955	9,896249013229 72	30,5	300	500
Fluoranthene	1191	0	0	0	0	0,39613409381912	0,005495	0,03875625	106,56420154657 2	146,96574880689 4	72,51	4	30
Decabromodiphenyl ether (BDE-209)	1815	0	0	0	0	0,016013891164006 1	0,002964	0,026391666666 6667	0,440945	1,489291878252 57	29,61		
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0	0	0	0	0,013051341342723 4	0	0,009178227456	0,440945	2,584165585859 24	17,06	2	5
Dibutyltin cation	7074	0	0	0	0	0,007350150192646 02	0	0,008402578333 33333	0,532511666666 667	2,271196409527 62	23,45	300	500
Hexachlorobenzene	1199	0	0	0	0	0,056160951713012 4	0	0,001164	13,63980558232	15,163456962513 3	89,95	2	5
Tributyltin cation	2879	0	0	0	0	0,002713356363042 51	0	5,205641666666 67E-4	0,203484583333 333	0,808580196186 667	25,17	2	5
Cadmium and its compounds	1388	0	0	0	0	0,59588327549325	0	0	146,211516666667	191,2785314333 33	76,44	2	10
Heptabromodiphenyl ether BDE 183	2910	0	0	0	0	0,001530024831433 69	0	0	0,0566062375	0,142292309323 333	39,78		
Hexabromodiphenyl ether BDE 153	2912	0	0	0	0	0,001514130950248 23	0	0	0,0566062375	0,142328309323 333	39,77		
Hexabromodiphenyl ether BDE 154	2911	0	0	0	0	0,001529897591290 32	0	0	0,0566062375	0,14228047599	39,78		
Mercury and its compounds	1387	0	0	0	0	0,031912584293873 3	0	0	7,3605	10,24393955833 33	71,85	2	5
Pentabromodiphenyl	2915	0	0	0	0	0,0013603	0	0	0,08603	0,25847	33,28	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

ether (BDE 100)						9757538596			0553333333	5539323333			
Pentabromodiphenyl ether (BDE 99)	2916	0	0	0	0	0,001356429429729 27	0	0	0,086030553333333	0,267216597656667	32,2	2	5
Tetrabromodiphenyl ether BDE 47	2919	0	0	0	0	0,001497689220947 37	0	0	0,0566062375	0,14228047599	39,78		
Carbon tetrachloride	1276	0	0	0	0	0,008494181844215 35	0	0	0,8444	2,471806916666 67	34,16	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
18.2 Agri-food industry (Products of plant origin) excluding wine production	383	91	23,7598	35	9,1384

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Chloroform	1135	15	4
Chrome and its compounds	1389	4	4
Copper and its compounds	1392	11	4
Nonylphenol ethoxylates	6366, 6369	6	1
Fluoranthene	1191	3	1
Nickel and its compounds	1386	39	9
Linear or branched nonylphenols	6598	47	11
Lead and its compounds	1382	9	5
Zinc and its compounds	1383	38	21
Arsenic and its compounds	1369	12	2
Cadmium and its compounds	1388	4	2
Hexachlorobenzene	1199	1	1
Mercury and its compounds	1387	1	1
Naphthalene	1517	1	0
		191	66

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Lead and its compounds	1382	5453,436841333	6393,070447311	85,3

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

		33	33	
Cadmium and its compounds	1388	158,827183333333	191,278531433333	83,03
Arsenic and its compounds	1369	1981,951314	2506,96014665	79,06
Nickel and its compounds	1386	7594,357352	10069,6202518653	75,42
Chrome and its compounds	1389	8829,261238333333	12808,5600728179	68,93
Zinc and its compounds	1383	52007,6518854667	77740,727417655	66,9
Linear or branched nonylphenols	6598	532,996265902667	863,432577260747	61,73
Hexachlorobenzene	1199	8,63980558232	15,1634569625133	56,98
Chloroform	1135	1324,4554744	2531,57390469125	52,32
Fluoranthene	1191	76,5642015465 72	146,965748806894	52,1
Copper and its compounds	1392	5804,286905333333	13428,9984649052	43,22
Mercury and its compounds	1387	2,3605	10,2439395583333	23,04
Nonylphenol ethoxylates	6366, 6369	1,98781666666667	44,4941394577333	4,47
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 19 Hides and skins processing industry

1 Sector data

24 sites
154 samples
31 substances in the Sector specific list

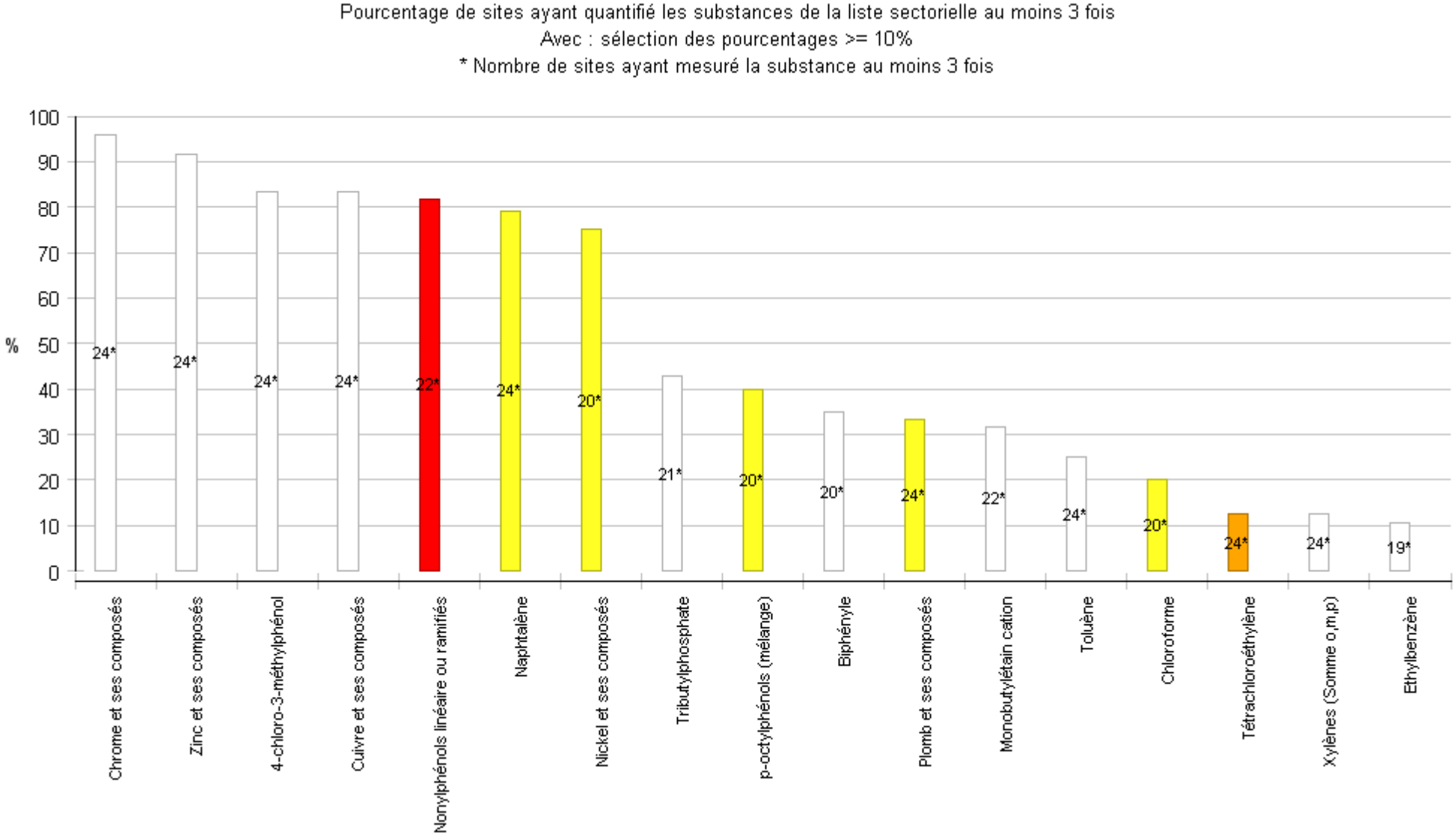
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
4-chloro-3-methylphenol	1636	0,1	300	500
Cadmium and its compounds	1388	2	2	10
C10-C13-chloroalkanes	1955	10	2	10
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Naphthalene	1517	0,05	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Lead and its compounds	1382	5	20	100
Tetrachlorethylene	1272	0,5	2	5
Toluene	1278	1	300	1 000
Trichloroethylene	1286	0,5	2	5
Xylenes (total o, m, p)	1780	2	300	500
Zinc and its compounds	1383	10	200	500
Arsenic and its compounds	1369	5	10	100
Benzene	1114	1	20	100
Biphenyl	1584	0,05	300	2 000
Chloroform	1135	1	20	100
Dibutyltin cation	7074	0,02	300	500
Ethylbenzene	1497	1	300	1 000
Isopropylbenzene	1633	1	300	1 000
Mercury and its compounds	1387	0,5	2	5
Monobutyltin cation	2542	0,02	300	500
Nickel and its compounds	1386	10	20	100
OP1OE	6370	0,1	10	30
OP2OE	6371	0,1	10	30
p-octylphenols (mixture)	6600	0,1	10	30
Carbon tetrachloride	1276	0,5	2	5
Tributyltin cation	2879	0,02	2	5
Tributyl phosphate	1847	0,1	300	2 000

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire»	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Chrome and its compounds	1389	5.00	1,50322364002686	5,93705882352941	136,269273528848	464,181465205875	1705,99934887484	1913,72157707196	3113,82586441032	14436,9546876648
Zinc and its compounds	1383	10.00	5	28,2382152097311	47,7257889009793	101,803278688525	185,572698522019	257,260824448305	291,697404063205	1286,5301243226
4-chloro-3-methylphenol	1636	0.10	0	0,143114754098361	2,95477541000731	46,907720243717	274,940571220029	97,1279333702729	159,581335641775	4932,34679344623
Copper and its compounds	1392	5.00	0,832773673606447	2,865515877694134	8,324028928977774	22,88040190261	46,0276921397702	52,7217874686717	64,752225300998	335,749920905544
Nickel and its compounds	1386	10.00	2,5	5	7,827868852459 02	13,17782281873 35	25,63020556655 3	27,74543372753 76	50,03695730175 82	164,673111400148
Lead and its compounds	1382	5.00	0	2,5	2,5	3,207148991258 43	12,39482849722 4	11,79083217897 22	17,02326817042 61	105,604025765359
C10-C13-chloroalkanes	1955	10.00	2,5	2,5	2,5	2,5	3,438846076571 67	2,928532229741 85	5	15,6945735931532
Naphthalene	1517	0.05	0,006278266890889 31	0,025	0,232578165413534	0,435901522767956	2,147421897285 42	1,074875516130 5	3,723044117647 06	18,760893236969
Arsenic and its compounds	1369	5.00	0,439486139283299	2,5	2,5	2,5	2,794387721820 85	2,5	3,408350877192 98	8,0847345217558
Toluene	1278	1.00	0	0,420036764705882	0,5	0,801129608513873	4,846271229779 03	1,373192982456 14	3,328593369088 25	87,740387721766
Chloroform	1135	1.00	0	0,5	0,5	0,5	1,067759872291 48	0,981351351351 351	3,275232364156 34	4,206433408577 88
Tributyl phosphate	1847	0.10	0,018202054794520 5	0,05	0,05	0,101326229240266	1,567345720468 39	0,412154503990878	2,750355484354 52	14,1949774266366
Xylenes (total o, m, p)	1780	2.00	0	0,675058986342393	1	1	2,153888506760 56	1	1,439922947267 04	27,7463471163012
Linear or branched nonylphenols	6598	0.10	0,05	0,05	0,132086808865586	0,350494930610061	0,568843775589031	0,569971931339739	1,298241837100 83	2,544851451 45145
Benzene	1114	1.00	0	0	0,5	0,5	0,602303859772365	0,5	1,249584483463 12	1,783108596195 52
Cadmium and its compounds	1388	2.00	0,1645399597045	0,5	1	1	0,911322744818998	1	1	1
Nonylphenol ethoxylates	6366, 6369	0.10	0,009066487575554	0,1	0,1	0,1	26,97456527419 78	0,300242492850334	0,669418757656881	667,49943025265

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

			06							
NP1OE	6366		0,009066487575554 06	0,05	0,05	0,05	26,9203121709235	0,250242492850334	0,619418757656881	667,44943025265
Ethylbenzene	1497	1.00	0	0,377545146726862	0,5	0,5	0,852642422238372	0,5	0,5	5,77543612964728
Isopropylbenzene	1633	1.00	0	0	0,5	0,5	0,550473516444233	0,5	0,5	2,50947032888465
Tetrachlorethylene	1272	0.50	0	0,25	0,25	0,25	160,384645594997	0,25	0,298933817218803	3886,42314740272
Octylphenol ethoxylates	6370, 6371	0.10	0	0,1	0,1	0,1	0,221013070537373	0,127347947947948	0,279583333333333	1,81939516311992
Mercury and its compounds	1387	0.50	0	0,05	0,25	0,25	0,205375894894668	0,25	0,25	0,25
Carbon tetrachloride	1276	0.50	0	0,211893478899357	0,25	0,25	0,224375879947588	0,25	0,25	0,25
Trichloroethylene	1286	0.50	0	0,185484260590378	0,25	0,25	0,625379158565456	0,25	0,25	6,71963470319635
Biphenyl	1584	0.05	0,018806646525679 8	0,025	0,025	0,031826241134751 8	0,11545387409482	0,161236895691924	0,240958489783695	0,85168735731732
OP1OE	6370		0	0,036503703703703 7	0,05	0,05	0,15321591050342	0,05	0,185302511415525	1,76939516311992
p-octylphenols (mixture)	6600	0.10	0	0,039798915633937 1	0,05	0,05	0,083984825511882 4	0,065743943943943 9	0,182461085401767	0,310698689956332
Monobutyltin cation	2542	0.02	0	0,01	0,013591743864781 4	0,038073251558017 6	7,2684173189272	0,046164946527810 2	0,122319232149264	158,503594966847
OP2OE	6371		0	0,05	0,05	0,05	0,067797160033952 8	0,05	0,094280821917808 2	0,258982324468453
Dibutyltin cation	7074	0.02	0	0,01	0,01	0,01	0,059580206219642	0,041475409836065 6	0,089992236440227 1	0,595833875630601
NP2OE	6369		0	0,05	0,05	0,05	0,054253103274281 7	0,05	0,05	0,171413725783788
Tributyltin cation	2879	0.02	0,006129927907907	0,01	0,01	0,01	0,010008529815570	0,01	0,01	0,015143892644856

			91				3			8

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Chrome and its compounds	1389	0	0,013457333333333	3,337152	28,480966666666667	243,400955805556	467,50495	595,02788333333333	953,666803	5841,622939333333	16,33	200	500
Zinc and its compounds	1383	0	0,659405166666667	1,4904	8,5504366666666666	29,04591391875	23,442325	58,343153333333333	177,8068263333333	697,10193405	25,51	200	500
4-chloro-3-methylphenol	1636	0	9,03798333333333E-4	0,131690373333333	2,203761233333333	212,388829611263	6,685377132306667	41,500722147	4868,646356666667	5097,331910670031	95,51	300	500
Copper and its compounds	1392	0	0	0,13632	1,444699083333333	3,91367202743056	4,99598425	8,978808333333333	21,06412166666667	93,928128658333333	22,43	200	500
Nickel and its compounds	1386	0	0	0	0,6401	2,372050433301587	2,314841666666667	7,807426666666667	13,007633433333333	49,813059093333333	26,11	20	100
Lead and its compounds	1382	0	0	0	0	0,975782599305556	0,4531515	1,011298166666667	12,225003633333333	23,418782383333333	52,2	20	100
Toluene	1278	0	0	0	0	0,735867021805555	0,0733802333333333	0,31097464	12,8914027	17,660808523333333	72,99	300	1000
Linear or branched nonylphenols	6598	0	0	0,001694415	0,01680866	0,0750844564812	0,0794873433333333	0,2293924333333333	0,54911074	1,802026955548	30,47	2	10
Naphthalene	1517	0	0	0,003169813333333333	0,045319125	0,187571340466989	0,090383023	0,157927876666667	1,536838691666667	4,501712171207073	34,14	20	100
Chloroform	1135	0	0	0	0	0,049585011111111	0	0,091619166666666667	0,697978183333333	1,041285233333333	67,03	20	100
Benzene	1114	0	0	0	0	0,03293478	0	0,079097333333333333	0,29621	0,6586956	44,97	20	100
Tributyl phosphate	1847	0	0	0	0,003028766666	0,213846014916667	0,035780923833	0,052326383333	2,714835101666	4,704612328166	57,71	300	2000

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

					66667		3333	3333	67	67			
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	0,57856303625	0,007000116666666667	0,04934846	11,910078875	13,88551287	85,77	2	10
Biphenyl	1584	0	0	0	0	0,020166624348222 2	0,012309198333 3333	0,039496474	0,21946 1791833 333	0,42349 9111312 667	51,82	300	2000
NP1OE	6366	0	0	0	0	0,577579167777778	0,005232356666 66667	0,036497773333 3333	11,910078875	13,86190002666 67	85,92		
Monobutyltin cation	2542	0	0	0	0,00106575	0,464217363114667	0,005651990333 33333	0,025658833333 3333	10,0081 2832433 33	10,2127 8198852 27	98	300	500
Octylphenol ethoxylates	6370, 6371	0	0	0	0	0,029655224333333 3	0	0,0119627775	0,30744 4931666 667	0,68207 0159666 667	45,08	10	30
Dibutyltin cation	7074	0	0	0	0	0,005924871757575 76	6,072E-4	0,011727616666 6667	0,06897 5318333 3333	0,13034 7178666 667	52,92	300	500
OP1OE	6370	0	0	0	0	0,027418652072463 8	0	0,006493	0,30744 4931666 667	0,63062 8997666 667	48,75		
p-octylphenols (mixture)	6600	0	0	0	0	0,003090453384057 97	0	0,0052651	0,03372 0767833 3333	0,07108 0427833 3333	47,44	10	30
Arsenic and its compounds	1369	0	0	0	0	0,006694930158730 16	0	0	0,14059 3533333 333	0,14059 3533333 333	100	10	100
Cadmium and its compounds	1388	0	0	0	0	0	0	0	0	0		2	10
C10-C13-chloroalkanes	1955	0	0	0	0	0,024887109554857 1	0	0	0,52262 9300652	0,52262 9300652	100	2	10
Ethylbenzene	1497	0	0	0	0	0,02484551	0	0	0,335352	0,4969102	67,49	300	1000
Isopropylbenzene	1633	0	0	0	0	0,0035099125	0	0	0,07019825	0,07019825	100	300	1000
Mercury and its compounds	1387	0	0	0	0	0	0	0	0	0		2	5
NP2OE	6369	0	0	0	0	9,83868472222222E-	0	0	0,01984331	0,02361 2843333	84,04		

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

						4				3333			
OP2OE	6371	0	0	0	0	0,002236572260869 57	0	0	0,0299804845	0,051441162	58,28		
Tetrachlorethylene	1272	0	0	0	0	3,02388715902778	0	0	67,58489853333 33	72,57329181666 67	93,13	2	5
Carbon tetrachloride	1276	0	0	0	0	0	0	0	0	0		2	5
Tributyltin cation	2879	0	0	0	0	0	0	0	0	0		2	5
Trichloroethylene	1286	0	0	0	0	0,035370154861111 1	0	0	0,61342771666 6667	0,84888371666 6667	72,26	2	5
Xylenes (total o, m, p)	1780	0	0	0	0	0,049782622916666 7	0	0	0,776157816666 667	1,19478295	64,96	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
19 Hides and skins processing industry	24	12	50	7	29,1667

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
4-chloro-3-methylphenol	1636	1	1
Chrome and its compounds	1389	9	5
Nonylphenol ethoxylates	6366, 6369	1	1
Tetrachlorethylene	1272	2	1
		13	8

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Tetrachlorethylene	1272	62,5848985333333	72,5732918166667	86,24
4-chloro-3-methylphenol	1636	4368,64635666667	5097,33191067031	85,7
Chrome and its compounds	1389	1071,91212	5841,62293933333	18,35
Nonylphenol ethoxylates	6366, 6369	1,910078875	13,88551287	13,76

Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 2.1 Refineries

1 Sector data

14 sites
136 samples
24 substances in the Sector specific list

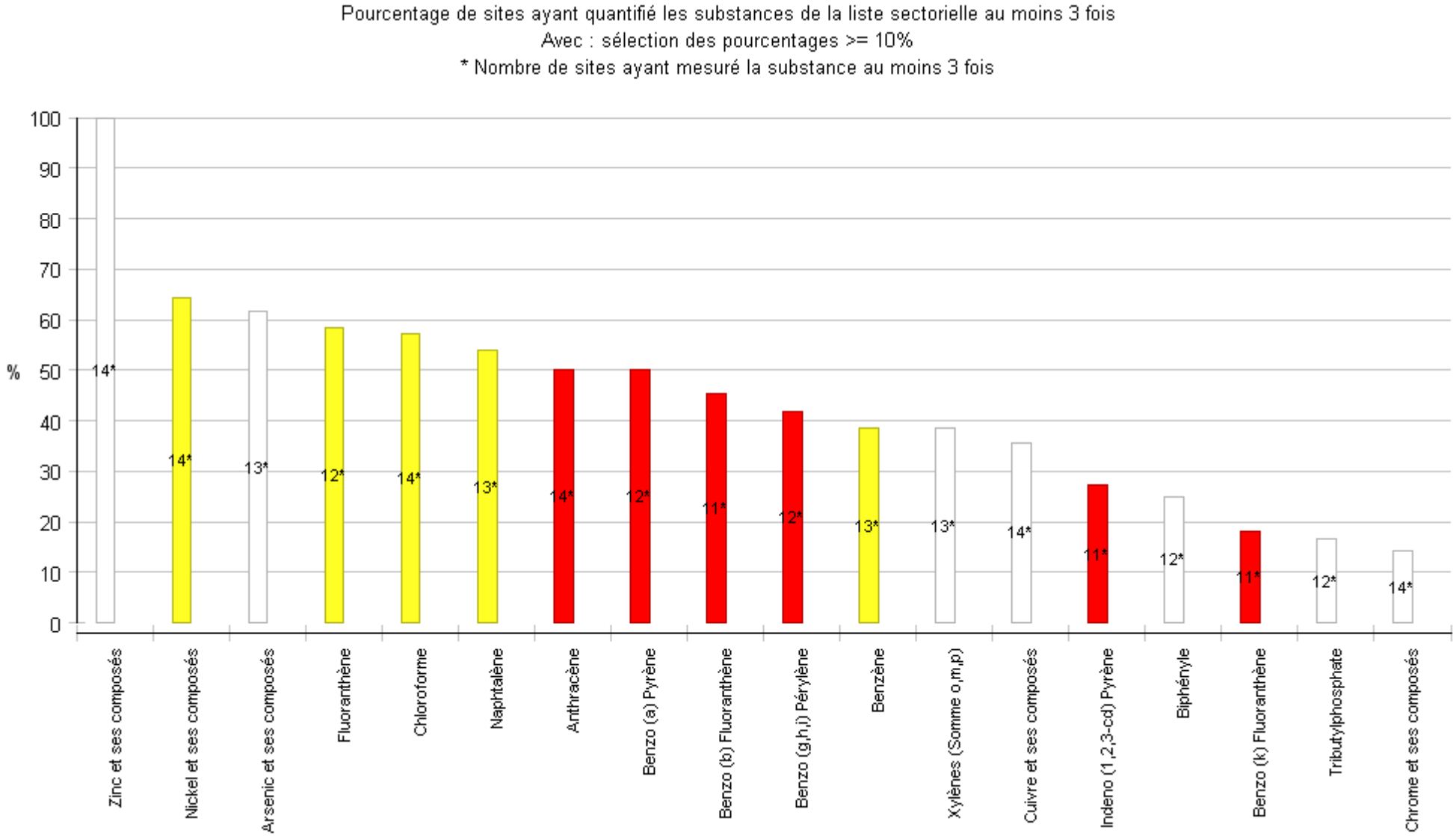
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Anthracene	1458	0,01	2	10
Arsenic and its compounds	1369	5	10	100
Benzene	1114	1	20	100
Benzo(a)pyrene	1115	0,01	2	10
Benzo (b) Fluoranthene	1116	0,01	2	10
Benzo(ghi)perylene	1118	0,01	2	10
Benzo (k) Fluoranthene	1117	0,01	2	10
Cadmium and its compounds	1388	2	2	10
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Fluoranthene	1191	0,01	4	30
Indeno (1,2,3-cd) Pyrene	1204	0,01	2	10
Mercury and its compounds	1387	0,5	2	5
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Lead and its compounds	1382	5	20	100
Xylenes (total o, m, p)	1780	2	300	500
Zinc and its compounds	1383	10	200	500
Benzene	1114	1	20	100
Biphenyl	1584	0,05	300	2 000
Chloroform	1135	1	20	100
Hexachlorobenzene	1199	0,01	2	5
Tetrachlorethylene	1272	0,5	2	5
Tributyl phosphate	1847	0,1	300	2 000

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	10,7595647506037	12,9505817018303	15,7256699689699	35,9321054464058	68,4098665361112	82,1244148180155	120,203961727779	366,0301075438
Nickel and its compounds	1386	10.00	1,5	3,19953937896799	5	7,48028657449435	17,7373799707309	12,1107769824062	26,9387803188974	107,019330718903
Xylenes (total o, m, p)	1780	2.00	0,1	0,1	0,335523654239865	1,14047140477513	16,5906024736472	4,61523096129838	15,592865346936	167,213594002051
Arsenic and its compounds	1369	5.00	0	0,854131681046963	1,5	3,27223441035596	6,42612899815089	6,77266193454996	13,8593715124816	30,7571428571429
Copper and its compounds	1392	5.00	0,33716486189125	1,79416751441166	2,5	3,31223590801925	5,70145418378139	6,97186963169574	9,03845770556043	34,6025109495062
Benzene	1114	1.00	0	0,1	0,1	0,5	4,86154262679916	1,54352894864341	5,05514828498318	54,0788260111417
Chrome and its compounds	1389	5.00	0	0,637843336724313	1,5	2,5	2,96527261705621	2,60502252123769	3,35523054331865	12,8625726302277
Lead and its compounds	1382	5.00	0	0	1,13838472834068	2,5	2,4408166481725	2,5	2,5	9,619041778771704
Chloroform	1135	1.00	0,080404192483641 2	0,1	0,112007633478048	0,5	1,76804834473201	1,54285427697052	2,47289390022936	12,6708570534561
Cadmium and its compounds	1388	2.00	0	0	0,5	0,624514877102199	0,659428604467572	1	1	1
Naphthalene	1517	0.05	0	0,01	0,011383847283406 8	0,050430890506640 5	1,29515822314773	0,227596359441545	0,597471448937473	24,7780502909502
Tetrachlorethylene	1272	0.50	0	0,1	0,1	0,113838472834068	0,194915788190018	0,25	0,285225500169549	0,713428758974678
Mercury and its compounds	1387	0.50	0	0	0,1	0,1	0,205084995188126	0,25	0,25	1,31390362137693
Biphenyl	1584	0.05	0	0,005	0,005	0,022729311477700 7	0,793882234408092	0,031200271163691 3	0,225033909799932	15,0512052390624
Benzo(a)pyrene	1115	0.01	5,0E-4	7,29019224231642E-4	0,002276769456681 35	0,005	0,049170555540481 9	0,027313162321850 4	0,090291545693417	0,491172328763615
Benzo(ghi)perylene	1118	0.01	0	0,001658616420051	0,0025	0,005	0,024910501156788	0,039203617642318	0,081249350687973	0,151547710090067

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

				24			4		3	
Tributyl phosphate	1847	0.10	0,01	0,01	0,01	0,038948348236105 9	0,043569670365953 4	0,05	0,070302844920866 8	0,205433814547474
Benzo (b) Fluoranthene	1116	0.01	0	0,002276769456681 35	0,0025	0,005	0,027579525487573 8	0,031483937004633	0,066907911693564 4	0,196482639928439
Anthracene	1458	0.01	0	0,002276769456681 35	0,005	0,007202985074626 87	0,122847085021065	0,027142857142857 1	0,061442251610715 5	2,31877208576336
Fluoranthene	1191	0.01	9,92529966992878E-4	0,002276769456681 35	0,005	0,011525275039892 9	0,112363905082107	0,038044712222385 5	0,060958064852560 4	1,8739740104102
Benzo (k) Fluoranthene	1117	0.01	0	0	0,0025	0,003679333764553 69	0,009544951323138 94	0,005802608250087 29	0,030839481145168 3	0,051264734307764 8
Indeno (1,2,3-cd) Pyrene	1204	0.01	0	0	0,005	0,005	0,011202309427284 2	0,010401961628977 3	0,026113024201422	0,046920711537019 2
Hexachlorobenzene	1199	0.01	0	0	0,002276769456681 35	0,005	0,003797838915005 91	0,005	0,005	0,005

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	26,9507978784	41,0464	72,47505	424,33718333333	1189,61162093417	1712,54	2234,21052	4991,02572	16654,5626930784	29,97	200	500
Nickel and its compounds	1386	0	0	0	15,9684	169,375705653333	110,20908	200,60644	1353,00758848	2371,25987914667	57,06	20	100
Xylenes (total o, m, p)	1780	0	0	0	0	422,790635523077	122,336736	170,074164	4096,572528	5496,2782618	74,53	300	500
Copper and its compounds	1392	0	0	0	0	233,45714099619	36,238	153,189136	2689,320992	3268,3999739466 7	82,28	200	500
Benzene	1114	0	0	0	13,5568	152,762456217436	120,607256	131,05404	1324,8793216	1985,911930826 67	66,71	20	100
Arsenic and its compounds	1369	0	0	0	0	154,843626271795	38,764625	48,016968533333 33	1674,86888	2012,967141533 33	83,2	10	100
Chloroform	1135	0	0	0	0	18,7178833095238	1,662928	47,850565	151,4218333333 33	262,0503663333 33	57,78	20	100
Naphthalene	1517	0	0	0	1,34559	55,1413366833333	13,1013032	40,861025 24	609,7916688	716,8373768833 33	85,07	20	100
Biphenyl	1584	0	0	0	0	28,9622723353846	0,663625	2,9010482	368,7400792	376,5095 4036	97,94	300	2000
Benzo (b) Fluoranthene	1116	0	0	0	0,196802	0,546527455636364	1,0402658	1,288925332	1,9115106	6,011802012	31,8	2	10
Benzo(ghi)perylene	1118	0	0	0	0,077594	0,521115867333333	0,994152372	1,05393572	2,07371724	6,253390408	33,16	2	10
Fluoranthene	1191	0	0	0	0,14554	4,309456293333333	0,9235418	0,93881976	45,910556424	51,713477552	88,78	4	30
Benzo(a)pyrene	1115	0	0	0	0,178602	0,958625742166667	0,77488355	0,9285914	5,19907956	11,503508906	45,2	2	10
Anthracene	1458	0	0	0	0,03086364	4,3556547787619	0,5080194	0,907266042666	56,807690 08	60,979166690266	93,16	2	10

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

								667		67			
Indeno (1,2,3-cd) Pyrene	1204	0	0	0	0	0,14130744	0,1957236	0,45632752	0,50743104	1,55438184	32,65	2	10
Benzo (k) Fluoranthene	1117	0	0	0	0	0,165431296363636	0,149326248	0,3386818	0,875057	1,81974426	48,09	2	10
Cadmium and its compounds	1388	0	0	0	0	0	0	0	0	0		2	10
Chrome and its compounds	1389	0	0	0	0	13,9594787428571	0	0	141,143284	195,4327024	72,22	200	500
Hexachlorobenzene	1199	0	0	0	0	0	0	0	0	0		2	5
Mercury and its compounds	1387	0	0	0	0	0,478697538461539	0	0	6,223068	6,223068	100	2	5
Lead and its compounds	1382	0	0	0	0	5,08988092307692	0	0	45,55886	66,168452	68,85	20	100
Tetrachlorethylene	1272	0	0	0	0	0,437332678571429	0	0	6,1226575	6,1226575	100	2	5
Tributyl phosphate	1847	0	0	0	0	0,011384193846153 8	0	0	0,14799452	0,14799452	100	300	2000

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
2.1 Refineries	14	12	85,7143	8	57,1429

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Anthracene	1458	1	1
Arsenic and its compounds	1369	6	2
Benzene	1114	6	4
Benzo(a)pyrene	1115	2	0
Benzo(ghi)perylene	1118	1	0
Copper and its compounds	1392	2	1
Fluoranthene	1191	1	1
Mercury and its compounds	1387	1	1
Naphthalene	1517	3	1
Nickel and its compounds	1386	7	5
Lead and its compounds	1382	2	0
Xylenes (total o, m, p)	1780	2	2
Zinc and its compounds	1383	8	7
Biphenyl	1584	1	0
Chloroform	1135	3	1
Tetrachlorethylene	1272	1	1
		47	27

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Arsenic and its compounds	1369	1669,332288	2012,967141533	82,93

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

			33	
Anthracene	1458	46,80769008	60,9791669026667	76,76
Xylenes (total o, m, p)	1780	4183,7312718	5496,2782618	76,12
Benzene	1114	1476,67772226667	1985,91193082667	74,36
Zinc and its compounds	1383	12316,1545698667	16654,5626930784	73,95
Nickel and its compounds	1386	1691,56791248	2371,25987914667	71,34
Naphthalene	1517	509,7916688	716,837376883333	71,12
Copper and its compounds	1392	2189,320992	3268,39997394667	66,98
Fluoranthene	1191	15,91056424	51,71347552	30,77
Mercury and its compounds	1387	1,223068	6,223068	19,65
Chloroform	1135	51,4218333333334	262,050366333333	19,62
Tetrachlorethylene	1272	1,1226575	6,1226575	18,34
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 2.2 Oil depots and terminals

1 Sector data

37 sites
225 samples
18 substances in the Sector specific list

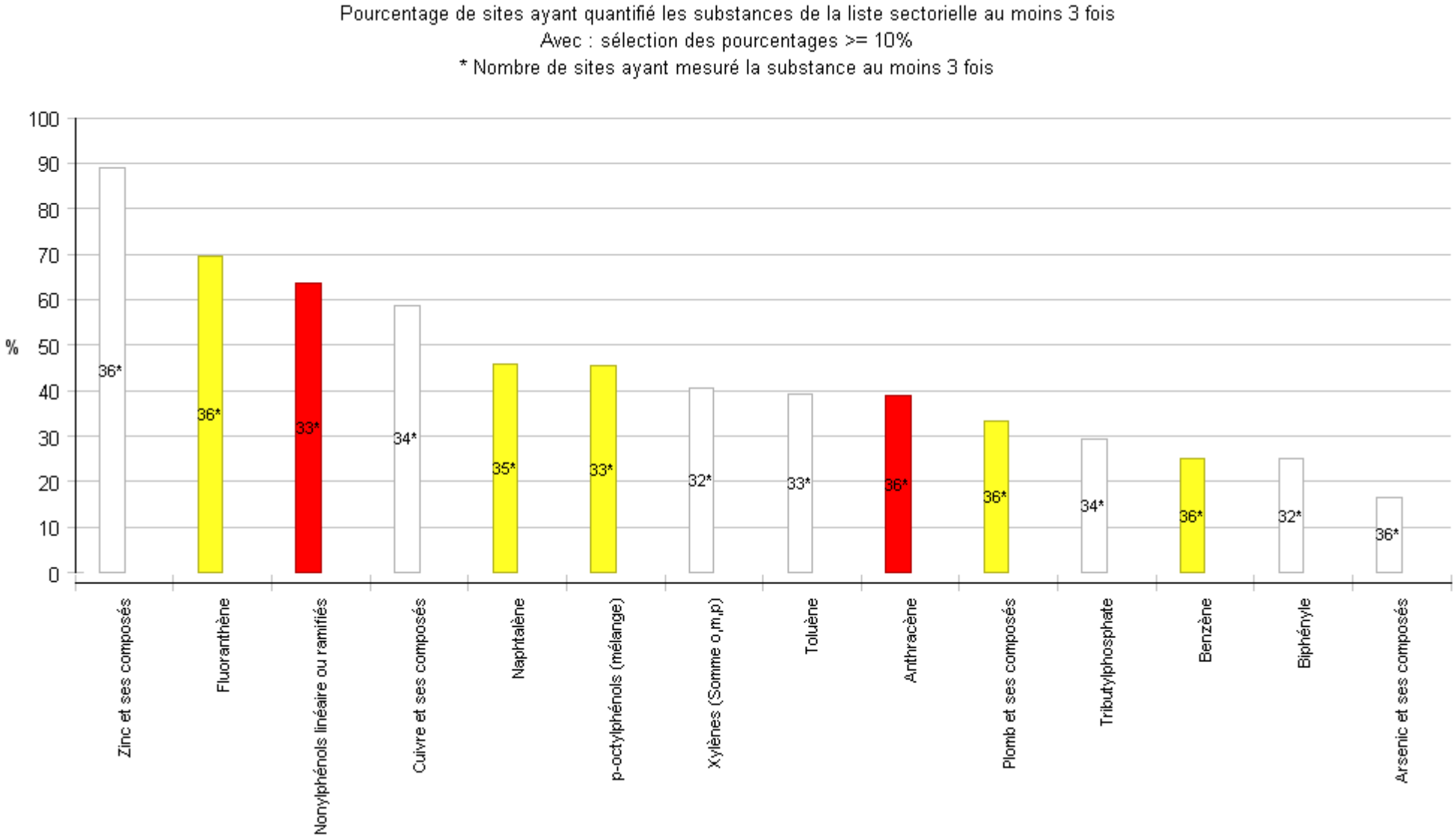
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Anthracene	1458	0,01	2	10
Arsenic and its compounds	1369	5	10	100
Benzene	1114	1	20	100
Fluoranthene	1191	0,01	4	30
Naphthalene	1517	0,05	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
OP1OE	6370	0,1	10	30
OP2OE	6371	0,1	10	30
p-octylphenols (mixture)	6600	0,1	10	30
Lead and its compounds	1382	5	20	100
Zinc and its compounds	1383	10	200	500
Biphenyl	1584	0,05	300	2 000
Copper and its compounds	1392	5	200	500
Toluene	1278	1	300	1 000
Tributyl phosphate	1847	0,1	300	2 000
Xylenes (total o, m, p)	1780	2	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire»	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Xylenes (total o, m, p)	1780	2.00	0	0,022705997402170 8	1	2,8230850 3162333	202,28148 5795852	30,655135 3657591	331,33207 6356026	3422,62
Toluene	1278	1.00	0	0,011352998701085 4	0,5	1,8031190 7390111	126,74500 9464988	24,02	229,66666 6666667	2196,4
Zinc and its compounds	1383	10.00	2,5	9,5150922 9098806	34,025060 8272506	82,80925	102,20908 1252884	123,31489 3617021	173	516,86068 3459574
Benzene	1114	1.00	0	0,011352998701085 4	0,25	0,5	25,273535 4030958	6,6330604 5021499	29	705,93990 4157493
Copper and its compounds	1392	5.00	0,215277777777778	2,5	3,3559322 0338983	6,1297918 9485214	6,8672025 7806227	7,9519519 5195195	13,320320 1249268	19,159799 5545657
Lead and its compounds	1382	5.00	0	2,4878403 5373516	2,5	4,5	7,1026493 5738955	5,7861894 9300298	9,0416028 2191371	70,951712 9754519
Arsenic and its compounds	1369	5.00	0,5	1,2715428 7259097	1,5572736 405244	2,5	3,9518690 1792321	2,7672795 2966328	7,9980674 6310611	35,849048 0507706
Naphthalene	1517	0.05	0	0,007603795533667 32	0,025	0,089688689738574 8	3,0373625 2907735	1,1728121 6545012	7,5598556 7844619	30,641666 6666667
Linear or branched nonylphenols	6598	0.10	0	0,05	0,05	0,246986999297259	1,9946195 7170645	1,1593670 212766	4,5537646 2491397	17,234166 6666667
Tributyl phosphate	1847	0.10	0	0,01	0,022951690195570 5	0,05	0,816879397785017	0,1184361 7920541	1,2384187 0824053	11,08
Fluoranthene	1191	0.01	0,001222915437146 95	0,005	0,008	0,033246935846714 8	0,309710395240423	0,165389768295481	1,0152090 639331	3,1156548 8971306
Biphenyl	1584	0.05	0	0,005	0,019166666666667	0,025	0,404657551320974	0,108	0,965838304066077	5,262267332074 45
Nonylphenol ethoxylates	6366, 6369	0.10	0	0	0,079166666666667	0,1	0,349362145006224	0,2	0,472365292024283	4,98
NP2OE	6369		0	0	0,003408239700374	0,05	0,116976005938071	0,05	0,299152542372881	0,94

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

					53					
Anthracene	1458	0.01	0	0,003250104036620 89	0,005	0,015833333333333 3	0,100341798181362	0,088	0,2798756660746	0,934167790666307
NP1OE	6366		0	0	0,05	0,05	0,239025743041529	0,093034121833786 9	0,208403303509979	4,04
p-octylphenols (mixture)	6600	0.10	0	0,001982897624628 61	0,035123508478124 3	0,05	0,198478090395348	0,091481481481 5	0,125856487725924	4,581757283780 68
Octylphenol ethoxylates	6370, 6371	0.10	0	0	0,022130706744785	0,1	0,109776940448352	0,1	0,121275474349965	0,935056205551732
OP1OE	6370		0	0	0,016229660231009 2	0,05	0,042163139147681 3	0,05	0,067485714285714 3	0,08
OP2OE	6371		0	0	0,01	0,05	0,067613801300670 9	0,05	0,05	0,885056205551732

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	0	1,73	7,28948	68,1019108087632	15,5858333333333	41,9174014285714	2040	2519,77069992424	80,96	200	500
Xylenes (total o, m, p)	1780	0	0	0	0,22536	12,2916925904329	6,4276	15,858712836667	134,014755	405,62585548486	33,04	300	500
Toluene	1278	0	0	0	0,2011666666666667	8,13569440506302	2,1277243816666667	12,317044	91,961593333333	276,61360977214	33,25	300	1000
Benzene	1114	0	0	0	0	1,44086155842342	1,331763	3,732675	16,38	53,31187766166667	30,72	20	100
Lead and its compounds	1382	0	0	0	0	0,863378891297297	0,432762756666667	1,40114	8,767266666666667	31,945018978	27,44	20	100
Copper and its compounds	1392	0	0	0	0,108992	27,6524134997605	0,8078854	1,4009657142857	947,2	967,8344724916	97,87	200	500
Linear or branched nonylphenols	6598	0	0	0	0,01743688	0,27128350393902	0,1766454485	0,7164657	3,446833333333333	9,223639133926667	37,37	2	10
Arsenic and its compounds	1369	0	0	0	0	66,269400554054	0	0,666966166666667	2412,8	2451,9678205	98,4	10	100
Naphthalene	1517	0	0	0	0,0019223228	0,413020370284728	0,185955	0,415696966666667	6,128333333333333	15,28175370053049	40,1	20	100
Biphenyl	1584	0	0	0	0	0,044043530381757 6	0,0090864	0,10368	0,650240833333333	1,453436502598	44,74	300	2000
Tributyl phosphate	1847	0	0	0	0	0,834851032666666	0,024404	0,079776	26,44	29,219786143333 33	90,49	300	2000
Fluoranthene	1191	0	0	0	0,005591666666	0,032832893879086	0,02268	0,062703381666	0,53205	1,214817073526	43,8	4	30

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

					66667	7		6667		21			
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	0,018260523916666 7	0,002173312	0,0363372	0,31436375	0,584336765333333	53,8	2	10
p-octylphenols (mixture)	6600	0	0	0	0	0,041960422761904 8	7,819E-4	0,02940168	0,7988752	1,4686147966666 7	54,4	10	30
NP1OE	6366	0	0	0	0	0,012153296193548 4	0,00156675	0,0277708333333 3333	0,2082045833333 33	0,376752182	55,26		
Anthracene	1458	0	0	0	1,083333333333 33E-4	0,009485090359625 23	0,0046656	0,02622672	0,115432	0,350948343306133	32,89	2	10
NP2OE	6369	0	0	0	0	0,006487018229166 67	0	0,0147083333333 3333	0,1061591666666 67	0,2075845833333 33	51,14		
Octylphenol ethoxylates	6370, 6371	0	0	0	0	0,005696796354166 67	0	0	0,1543184	0,182297483333333	84,65	10	30
OP1OE	6370	0	0	0	0	0	0	0	0	0			
OP2OE	6371	0	0	0	0	0,005696796354166 67	0	0	0,1543184	0,182297483333333	84,65		

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
2.2 Oil depots and terminals	37	4	10,8108	1	2,7027

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Arsenic and its compounds	1369	3	1
Linear or branched nonylphenols	6598	1	0
Zinc and its compounds	1383	1	1
Copper and its compounds	1392	1	1
		6	3

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Arsenic and its compounds	1369	2312,8	2451,9678205	94,32
Zinc and its compounds	1383	1540	2519,7706999242 4	61,12
Copper and its compounds	1392	447,2	967,8344724916 19	46,21
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 2.3 Oil industries: petroleum product blending and packaging sites

1 Sector data

4 sites
35 samples
16 substances in the Sector specific list

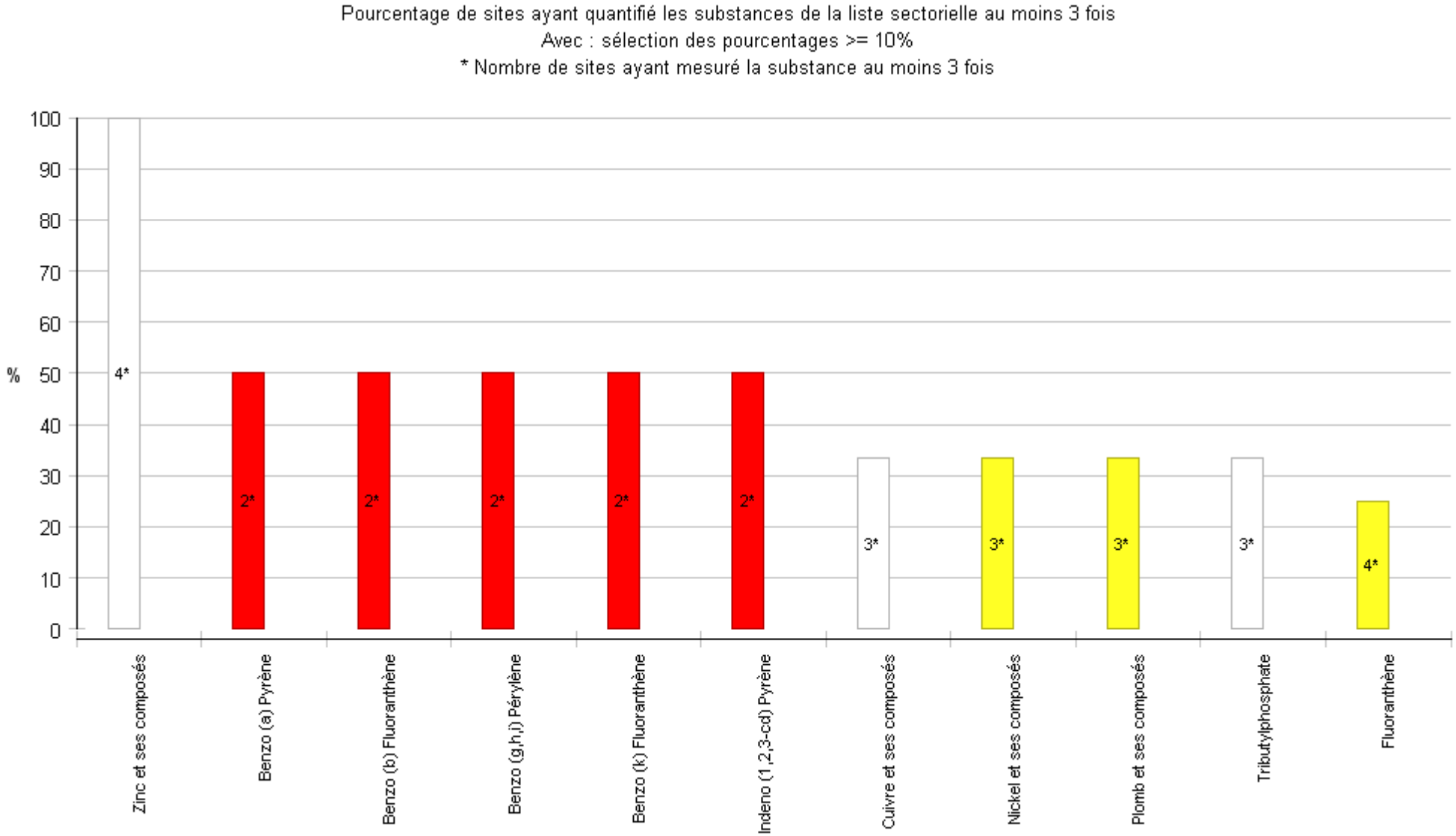
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
2-nitroToluene	2613	0,2	300	1 000
Anthracene	1458	0,01	2	10
Benzo(a)pyrene	1115	0,01	2	10
Benzo (b) Fluoranthene	1116	0,01	2	10
Benzo(ghi)perylene	1118	0,01	2	10
Benzo (k) Fluoranthene	1117	0,01	2	10
Methylene chloride	1168	5	20	100
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Fluoranthene	1191	0,01	4	30
Hexachloropentadiene	2612	0,1	300	1 000
Indeno (1,2,3-cd) Pyrene	1204	0,01	2	10
Nickel and its compounds	1386	10	20	100
Lead and its compounds	1382	5	20	100
Tributyl phosphate	1847	0,1	300	2 000
Zinc and its compounds	1383	10	200	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire»	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	2,0553931802366	2,0553931802366	20,9957240913694	25,8515639810427	109,227017414894	76,7958528758331	119,833333333333	409,830237027547
Copper and its compounds	1392	5.00	0	0	0	0	11,8476874157731	4,951666666666667	23,7251761691224	42,4092816588497
Nickel and its compounds	1386	10.00	0	0	0	2,919282511121076	3,355468339213315	5	5	7,213527524068 13
Methylene chloride	1168	5.00	0	0	0	2,5	1,5	2,5	2,5	2,5
Lead and its compounds	1382	5.00	0	0	0	0	3,0636282945509	2,17773389286596	2,5	13,7040358744395
Chrome and its compounds	1389	5.00	0	0	0	0	0,654067905188981	0,5	0,924407431133888	2,5
2-nitroToluene	2613	0.20	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Benzo (b) Fluoranthene	1116	0.01	0	0	0,005	0,005	0,056135648540050 9	0,088581029375462 8	0,088581029375462 8	0,182097213324792
Fluoranthene	1191	0.01	0,002624620231799 26	0,002624620231799 26	0,002835768963117 61	0,005255924170616 11	0,051110710555278 9	0,006833333333333 33	0,078629350777585 8	0,210485265855221
Benzo(a)pyrene	1115	0.01	0	0	0	0,005	0,033109828672257	0,075849111330535 7	0,075849111330535 7	0,084700032030749 5
Benzo(ghi)perylene	1118	0.01	0	0	0	0,005	0,040726079624442 4	0,068122870896075	0,068122870896075	0,130507527226137
Tributyl phosphate	1847	0.10	0	0	0	0,011083605266119 1	0,045694346768549 6	0,05	0,062354260089686 1	0,150728215255492
Hexachloropentadiene	2612	0.10	0	0	0	0,05	0,03	0,05	0,05	0,05
Benzo (k) Fluoranthene	1117	0.01	0	0	0	0,005	0,028082856915139 2	0,046265181436682 3	0,046265181436682 3	0,089149103139013 4
Indeno (1,2,3-cd) Pyrene	1204	0.01	0	0	0	0,005	0,028194359678354 7	0,031860651690940 5	0,031860651690940 5	0,104111146700833
Anthracene	1458	0.01	0	0	0,005	0,005	0,007637999145846	0,005	0,005	0,025827994875080

							68			1

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0,3595	0,3595	0,3595	0,4545566666666667	23,2540875	30,00596	30,00596	62,196333333333	93,01635	66,87	200	500
2-nitroToluene	2613	0	0	0	0	0	0	0	0	0		300	1000
Anthracene	1458	0	0	0	0	8,0635E-5	0	0	3,2254E-4	3,2254E-4	100	2	10
Benzo(a)pyrene	1115	0	0	0	0	0,008546304666666 67	0	0	0,025638914	0,025638914	100	2	10
Benzo (b) Fluoranthene	1116	0	0	0	0	0,010327123333333 3	0	0	0,03098137	0,03098137	100	2	10
Benzo(ghi)perylene	1118	0	0	0	0	0,007902346	0	0	0,023707038	0,023707038	100	2	10
Benzo (k) Fluoranthene	1117	0	0	0	0	0,005368971333333 33	0	0	0,016106914	0,016106914	100	2	10
Methylene chloride	1168	0	0	0	0	0	0	0	0	0		20	100
Chrome and its compounds	1389	0	0	0	0	0	0	0	0	0		200	500
Copper and its compounds	1392	0	0	0	0	3,51007	0	0	14,04028	14,04028	100	200	500
Fluoranthene	1191	0	0	0	0	0,007027685	0	0	0,02811074	0,02811074	100	4	30
Hexachloropentadiene	2612	0	0	0	0	0	0	0	0	0		300	1000
Indeno (1,2,3-cd) Pyrene	1204	0	0	0	0	0,00387518	0	0	0,01162554	0,01162554	100	2	10
Nickel and its compounds	1386	0	0	0	0	0	0	0	0	0		20	100
Lead and its compounds	1382	0	0	0	0	0,042784	0	0	0,171136	0,171136	100	20	100
Tributyl phosphate	1847	0	0	0	0	0,012212	0	0	0,048848	0,048848	100	300	2000

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
2.3 Oil industries: petroleum product blending and packaging sites	4	0	0	0	0

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
		0	0

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 2.4 Oil industries: sites for the synthesis or processing of petroleum products (excluding petrochemicals)

1 Sector data

3 sites
24 samples
19 substances in the Sector specific list

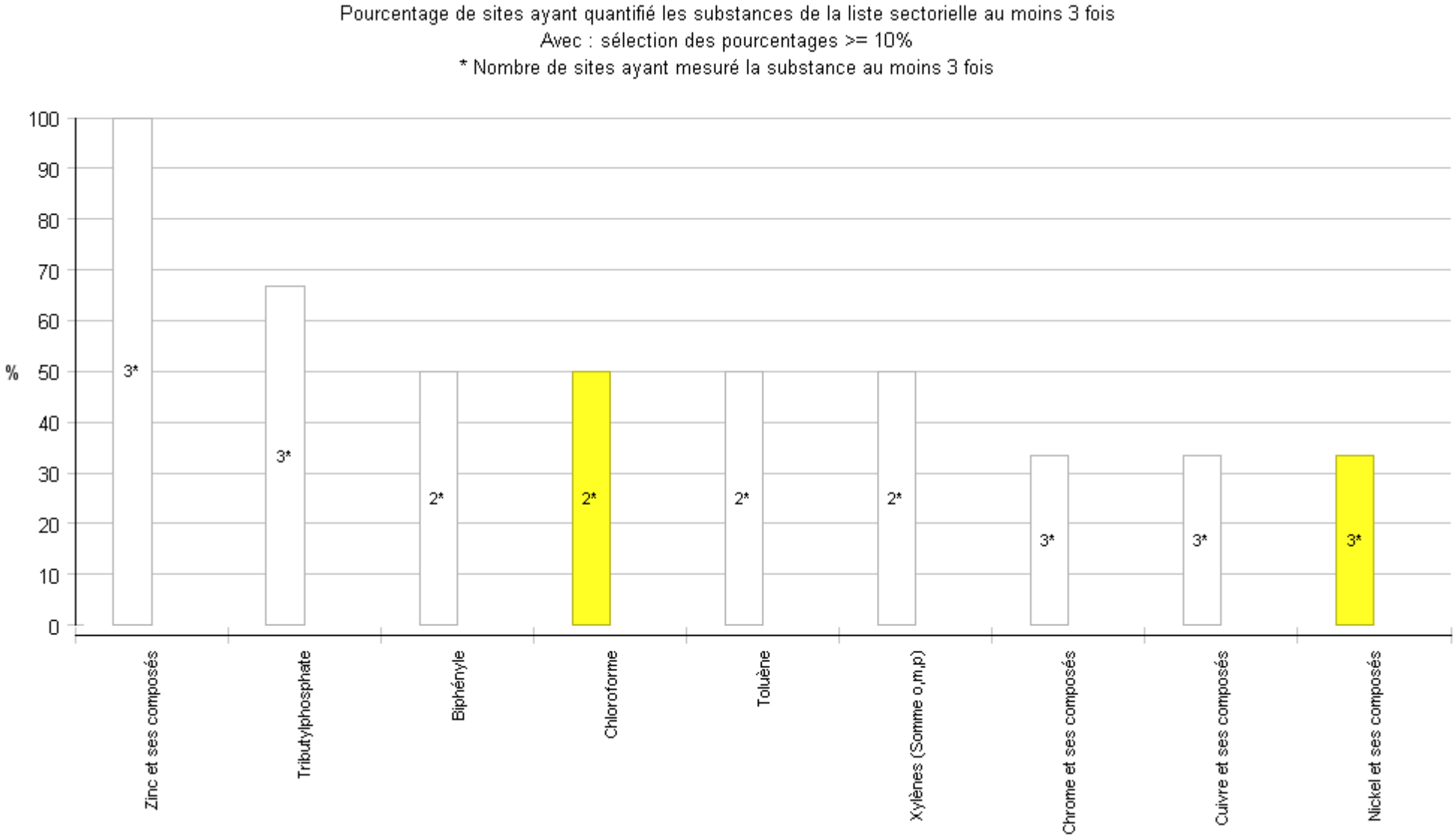
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
1,2 dichlorobenzene	1165	1	300	500
1,2 Dichloroethylene	1163	5	300	2 000
1,2,3 trichlorobenzene	1630	1	4	30
1,3 dichlorobenzene	1164	1	300	500
3,4 dichloroaniline	1586	0,1	300	500
4-chloro-3-methylphenol	1636	0,1	300	500
Anthracene	1458	0,01	2	10
Biphenyl	1584	0,05	300	2 000
Chloroform	1135	1	20	100
Methylene chloride	1168	5	20	100
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Nickel and its compounds	1386	10	20	100
Tetrachlorethylene	1272	0,5	2	5
Toluene	1278	1	300	1 000
Tributyl phosphate	1847	0,1	300	2 000
Trichloroethylene	1286	0,5	2	5
Xylenes (total o, m, p)	1780	2	300	500
Zinc and its compounds	1383	10	200	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	24,2108294930876	24,2108294930876	24,2108294930876	51,0714285714286	74,8561099706745	110,568181818182	110,568181818182	113,574
Copper and its compounds	1392	5.00	2,5	2,5	2,5	3,14795918367347	13,4456147959184	17,222	17,222	30,9125
Nickel and its compounds	1386	10.00	2,5	2,5	2,5	5	7,59924778761062	5,15699115044248	5,15699115044248	17,74
Methylene chloride	1168	5.00	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Chrome and its compounds	1389	5.00	2,28230088495575	2,28230088495575	2,28230088495575	2,5	3,66402522123894	2,5	2,5	7,3738
1,2 Dichloroethylene	1163	5.00	0,5	0,5	0,5	1	0,833333333333333	1	1	1
Xylenes (total o, m, p)	1780	2.00	0,5	0,5	0,5	1	5,06206666666667	1	1	13,6862
Toluene	1278	1.00	0,25	0,25	0,25	0,698181818181818	9,846193939393394	0,698181818181818	0,698181818181818	28,5904
1,2 dichlorobenzene	1165	1.00	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5
1,2,3 trichlorobenzene	1630	1.00	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5
1,3 dichlorobenzene	1164	1.00	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5
Chloroform	1135	1.00	0,5	0,5	0,5	0,5	0,598466666666667	0,5	0,5	0,7954
Tetrachlorethylene	1272	0.50	0,25	0,25	0,25	0,25	0,25	0,25	0,25	0,25
Trichloroethylene	1286	0.50	0,25	0,25	0,25	0,25	0,399090909090909	0,25	0,25	0,697272727272727
Tributyl phosphate	1847	0.10	0,05	0,05	0,05	0,05	0,878312755102041	0,217551020408163	0,217551020408163	3,1957
4-chloro-3-methylphenol	1636	0.10	0,05	0,05	0,05	0,05	0,05	0,05	0,05	0,05
Biphenyl	1584	0.05	0,025	0,025	0,025	0,025	0,0552	0,025	0,025	0,1156
3,4 dichloroaniline	1586	0.10	0,01	0,01	0,01	0,01	0,023333333333333	0,01	0,01	0,05
Anthracene	1458	0.01	0,0025	0,0025	0,0025	0,005	0,015555	0,005	0,005	0,04972

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0,453924	0,453924	0,453924	0,834166666666667	0,764546222222222	0,834166666666667	0,834166666666667	1,005548	2,293638666666667	43,84	200	500
Tributyl phosphate	1847	0	0	0	0,0035533333333333	0,003314911111111	0,0035533333333333	0,0035533333333333	0,0063914	0,0099447333333333	64,27	300	2000
1,2 dichlorobenzene	1165	0	0	0	0	0	0	0	0	0		300	500
1,2 Dichloroethylene	1163	0	0	0	0	0	0	0	0	0		300	2000
1,2,3 trichlorobenzene	1630	0	0	0	0	0	0	0	0	0		4	30
1,3 dichlorobenzene	1164	0	0	0	0	0	0	0	0	0		300	500
3,4 dichloroaniline	1586	0	0	0	0	0	0	0	0	0		300	500
4-chloro-3-methylphenol	1636	0	0	0	0	0	0	0	0	0		300	500
Anthracene	1458	0	0	0	0	3,31466666666667E-5	0	0	9,944E-5	9,944E-5	100	2	10
Biphenyl	1584	0	0	0	0	1,156E-4	0	0	2,312E-4	2,312E-4	100	300	2000
Chloroform	1135	0	0	0	0	0	0	0	0	0		20	100
Methylene chloride	1168	0	0	0	0	0	0	0	0	0		20	100
Chrome and its compounds	1389	0	0	0	0	0,004915866666666667	0	0	0,0147476	0,0147476	100	200	500
Copper and its compounds	1392	0	0	0	0	0,084022666666667	0	0	0,252068	0,252068	100	200	500
Nickel and its compounds	1386	0	0	0	0	0,011826666666667	0	0	0,03548	0,03548	100	20	100
Tetrachlorethylene	1272	0	0	0	0	0	0	0	0	0		2	5
Toluene	1278	0	0	0	0	0,0285904	0	0	0,0571808	0,0571808	100	300	1000

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Trichloroethylene	1286	0	0	0	0	0,0024544	0	0	0,0049088	0,0049088	100	2	5
Xylenes (total o, m, p)	1780	0	0	0	0	0,0136862	0	0	0,0273724	0,0273724	100	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
2.4 Oil industries: sites for the synthesis or processing of petroleum products (excluding petrochemicals)	3	0	0	0	0

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
		0	0

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 20 Mechanical working of metals industry

1 Sector data

282 sites
1863 samples
34 substances in the Sector specific list

2 Sector specific list

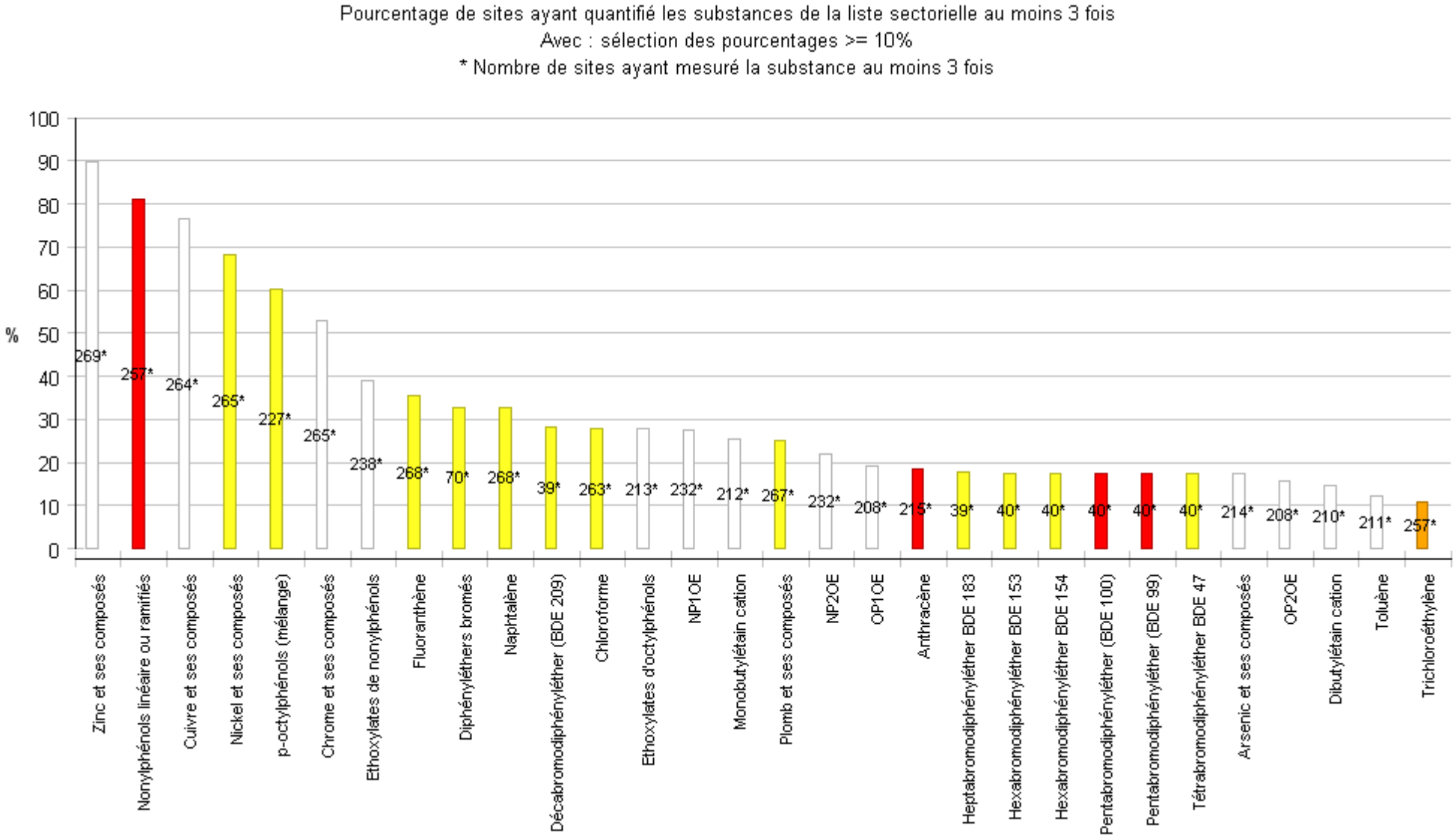
Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Cadmium and its compounds	1388	2	2	10
C10-C13-chloroalkanes	1955	10	2	10
Chloroform	1135	1	20	100
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Fluoranthene	1191	0,01	4	30
Mercury and its compounds	1387	0,5	2	5
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Lead and its compounds	1382	5	20	100
Tetrachlorethylene	1272	0,5	2	5
Trichloroethylene	1286	0,5	2	5
Zinc and its compounds	1383	10	200	500
Anthracene	1458	0,01	2	10
Arsenic and its compounds	1369	5	10	100
Methylene chloride	1168	5	20	100
Decabromodiphenyl ether (BDE-209)	1815	0,05		
Dibutyltin cation	7074	0,02	300	500
Heptabromodiphenyl ether (BDE-183)	2910	0,05		
Hexabromodiphenyl ether (BDE-153)	2912	0,05		
Hexabromodiphenyl ether (BDE 154)	2911	0,05		
Monobutyltin cation	2542	0,02	300	500
OP1OE	6370	0,1	10	30
OP2OE	6371	0,1	10	30
p-octylphenols (mixture)	6600	0,1	10	30
Pentabromodiphenyl ether (BDE 100)	2915	0,05		
Pentabromodiphenyl ether (BDE 99)	2916	0,05		
Tetrabromodiphenyl ether (BDE 47)	2919	0,05		

Carbon tetrachloride	1276	0,5	2	5
Toluene	1278	1	300	1 000
Tributyltin cation	2879	0,02	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire»	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	1,69928825622776	8,678763821945	23,0297892334542	97,8627450980392	587,171577806553	316,719656992084	980,697868396664	25859,0384615385
Nickel and its compounds	1386	10.00	0	2,85714285714286	5	14,9434958427816	169,662617619519	91,3193940108465	539,097572148419	3549,31275049549
Copper and its compounds	1392	5.00	0	2,5	4,59217982621836	15,1339077782953	188,56660017676	53,5168738898757	166,048259493671	15167,8151862464
Chrome and its compounds	1389	5.00	0	1,06896551724138	2,5	5,61272727272727	70,341783837349	19,0216577540107	118,745406824147	3254,05470635559
Lead and its compounds	1382	5.00	0	0,302197802197802	2,5	2,5	17,5999962990393	5,27090909090909	14,1295620437956	1510,25324274243
Arsenic and its compounds	1369	5.00	0	0,5	2,5	2,5	3,51202892403011	2,85079606338108	6,12634079331464	57,7847309136421
C10-C13-chloroalkanes	1955	10.00	0	0	1	2,5	13,391054968202	5	5,5871840694409	928,928361001912
Chloroform	1135	1.00	0	0,114830717786982	0,5	0,5	9,04243085256987	1,19195376045867	5,03349990745882	633,221076458752
Linear or branched nonylphenols	6598	0.10	0,018837740777016	0,05	0,11	0,35001329787234	3,62432067949033	1,48975	4,27504938852305	190,699197035207
Methylene chloride	1168	5.00	0	0	1,45817788389793	2,5	29,6666796334979	2,5	2,62702929651054	6002
Toluene	1278	1.00	0	0	0,25	0,5	2,21382087982483	0,5	1,66752655538695	276,501792351037
Nonylphenol ethoxylates	6366, 6369	0.10	0	0,019340885487314	0,1	0,123982308542219	0,881363816055268	0,616703296703297	1,60955397455192	27,0496906235126
Octylphenol ethoxylates	6370, 6371	0.10	0	0,016666666666667	0,1	0,1	4,01983890745311	0,272982456140351	1,2258064516129	733,88894654904
Cadmium and its compounds	1388	2.00	0	0	0,5	0,661521499448732	1,15237483712115	1	1,08709379199975	95,056246954933
NP1OE	6366		0	0,01	0,05	0,056826424870466 3	0,458245719222 55	0,292456375838926	1,07123981501872	7,90086021505376
Trichloroethylene	1286	0.50	0	0	0,246296296296296	0,25	3,40086566191929	0,25	0,756375838926175	638,15
OP1OE	6370		0	0,008333333333333	0,05	0,05	1,76619436615913	0,120004126385287	0,725	284,971285244767

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

				33						
NP2OE	6369		0	0,008333333333333333	0,05	0,05	0,423118096832718	0,204372892784895	0,710308784721278	21,4742265587815
OP2OE	6371		0	0	0,05	0,05	2,25364454129397	0,1119473264166	0,522009502515372	448,917661304273
Tetrachlorethylene	1272	0.50	0	0	0,25	0,25	2,151149665985939	0,25	0,475	385,936694560669
Naphthalene	1517	0.05	0	0,005	0,013740822999568 1	0,025	3,825504518658 66	0,070541147132169 6	0,437425437296175	535,575462454213
p-octylphenols (mixture)	6600	0.10	0	0,008333333333333333	0,05	0,05	0,632834535260 87	0,1135	0,434902723735409	58,56
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0.05	0	5,25E-5	0,020116128271634 1	0,105569651741294	0,259719046203405	0,175	0,269339712127257	10,315
Mercury and its compounds	1387	0.50	0	0	0,1	0,143243673404425	0,173132906712932	0,25	0,25	2,47045953157427
Carbon tetrachloride	1276	0.50	0	0	0,1	0,25	0,211034717804066	0,25	0,25	4,42309383405752
Monobutyltin cation	2542	0.02	0	0	0,009224073222111 92	0,01	0,409203543640877	0,032525644432633 5	0,150391243595715	50,850526735834
Decabromodiphenyl ether (BDE-209)	1815	0.50	0	2,1E-6	0,005	0,025	0,189838545316676	0,027522388059701 5	0,134540469112994	10,3
Fluoranthene	1191	0.01	0	0,004040145985401 46	0,005	0,007399341563786 01	0,314296001675235	0,0225	0,091787564766839 4	45,7338709677419
Dibutyltin cation	7074	0.02	0	0	0,005	0,01	0,4422817240753	0,014361481481481 5	0,062742820264601 5	91,3980439761796
Anthracene	1458	0.01	0	0,001590457256461 23	0,005	0,005	0,068603622003769 8	0,007818181818182	0,034937845303867 4	6,29548387096774
Heptabromodiphenyl ether BDE	2910	0.50	0	0	0,0014220	0,005	0,0120295	0,025	0,025	0,0497681

183					9053715191		063054402			557377049
Hexabromodiphenyl ether BDE 153	2912	0.50	0	0	0,001422090537151 91	0,005	0,012288430653053 1	0,025	0,025	0,049768155737704 9
Hexabromodiphenyl ether BDE 154	2911	0.50	0	0	0,001422090537151 91	0,005	0,012114581903596	0,025	0,025	0,049768155737704 9
Pentabromodiphenyl ether (BDE 100)	2915	0.50	0	0	0,00112	0,005	0,012757032672879 3	0,025	0,025	0,049768155737704 9
Pentabromodiphenyl ether (BDE 99)	2916	0.50	0	0	0,002120059523809 52	0,008116994022203 25	0,015160408340895 9	0,025	0,025	0,166473292268089
Tetrabromodiphenyl ether BDE 47	2919	0.50	0	0	0,0025	0,014786838763702 8	0,014429510255739 7	0,025	0,025	0,077429438264227 3
Tributyltin cation	2879	0.02	0	0	0,004666666666666 67	0,01	0,018547443627384 3	0,01	0,020671987230646 4	0,781321839080 46

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	0,017666666666667	0,3718304	2,9434418333333	37,5481749359084	21,552938333333	86,623333333333	2089,3146666667	10363,2962823107	20,16	200	500
Nickel and its compounds	1386	0	0	0	0,38145	11,295331092967	3,2650135	25,369	564,332	3072,330057287 03	18,37	20	100
Copper and its compounds	1392	0	0	0,01531	0,42936	10,2889752106581	2,662936	10,8075	1235,537683333 33	2808,890232509 67	43,99	200	500
Chrome and its compounds	1389	0	0	0	0,03276148	3,14543144642944	0,823916666666667	4,7473466666666 67	110,76188716667	861,8482163216 67	12,85	200	500
Lead and its compounds	1382	0	0	0	0	0,680603908509091	0,02401536	0,6848333333333	64,449548333333	187,16607484	34,43	20	100
Chloroform	1135	0	0	0	0	0,683091256073993	0,01758	0,3046248	43,454566676	186,4839129082	23,3	20	100
Linear or branched nonylphenols	6598	0	0	9,96E-4	0,014906	0,125492791035672	0,075239233333333	0,2855831666666 67	4,527255	33,883053357963 14	13,36	2	10
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	0,040097944598225 1	0,0123	0,05662224	1,318382745	9,703702592770 47	13,59	2	10
NP1OE	6366	0	0	0	0	0,021098140598236 9	0,0065083	0,0386841666666 6667	0,68364	5,1057500247733	13,39		
Arsenic and its compounds	1369	0	0	0	0	0,117344669521674	0	0,03753	18,468	26,167861303333 33	70,58	10	100
Octylphenol ethoxylates	6370, 6371	0	0	0	0	0,363519800 62899	0,0040491666666 66667	0,0369416666666 6667	70,7102	78,520276935861 9	90,05	10	30
NP2OE	6369	0	0	0	0	0,018999803999988 2	0,0024498333333 33333	0,0254369983333 3333	0,84321642	4,597952567997 14	18,34		

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

OP2OE	6371	0	0	0	0	0,214528136289568	0,001007664	0,0196949	43,253216666666767	46,338077438546767	93,34		
Naphthalene	1517	0	0	0	0	0,048911158721243 2	0,001012064	0,017448	6,022	13,499479807063 1	44,61	20	100
p-octylphenols (mixture)	6600	0	0	0	0	0,013449821766273 8	0,002064	0,01506	0,488976	3,227957223905 72	15,15	10	30
Toluene	1278	0	0	0	0	0,075745926225535 2	0	0,0142028	7,6876715	16,512611917167 67	46,56	300	1000
OP1OE	6370	0	0	0	0	0,148991664339422	8,676E-4	0,013940833333333333	27,456983333333333	32,182199497315 2	85,32		
Monobutyltin cation	2542	0	0	0	0	0,042399250865045 9	5,8751E-4	0,007914	3,673392	9,5398314446356 33	38,51	300	500
Trichloroethylene	1286	0	0	0	0	0,146172554522632	0	0,0070110484	18,7034	39,028072057547 29	47,92	2	5
Fluoranthene	1191	0	0	0	0	0,015638575936157	6,78015E-4	0,00555369	2,4056345	4,3475241102516 4	55,33	4	30
Decabromodiphenyl ether (BDE-209)	1815	0	0	0	0	0,005195457837843 48	0	0,004001392	0,2266	0,358486590811 2	63,21		
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0	0	0	0	0,005058448215650 7	0	0,004001392	0,2266	0,359149823311 2	63,09	2	5
Dibutyltin cation	7074	0	0	0	0	0,014223477361011 9	0	0,001888	1,59617544	3,186058928866 67	50,1	300	500
Anthracene	1458	0	0	0	0	0,011736553671737 2	0	7,88166666666667E-4	2,1887334	2,640724576140 88	82,88	2	10
Tributyltin cation	2879	0	0	0	0	6,4834481	0	1,16E-4	0,03409	0,14004	24,35	2	5

						7901235E-4			8135	2480666667			
Cadmium and its compounds	1388	0	0	0	0	0,048844887852684 2	0	0	10,4054905	13,041585056666 7	79,79	2	10
C10-C13-chloroalkanes	1955	0	0	0	0	0,819154114052439	0	0	47,217737142857 1	157,2775898980 68	30,02	2	10
Methylene chloride	1168	0	0	0	0	2,42750054225352	0	0	396,6378333333 33	517,0576155	76,71	20	100
Heptabromodiphenyl ether BDE 183	2910	0	0	0	0	0	0	0	0	0			
Hexabromodiphenyl ether BDE 153	2912	0	0	0	0	0	0	0	0	0			
Hexabromodiphenyl ether BDE 154	2911	0	0	0	0	0	0	0	0	0			
Mercury and its compounds	1387	0	0	0	0	9,77291004901961E-4	0	0	0,132058	0,265823153333 333	49,68	2	5
Pentabromodiphenyl ether (BDE 100)	2915	0	0	0	0	0	0	0	0	0		2	5
Pentabromodiphenyl ether (BDE 99)	2916	0	0	0	0	6,46689285714286E-6	0	0	4,526825E-4	4,526825E-4	100	2	5
Tetrabromodiphenyl ether BDE 47	2919	0	0	0	0	3,00785714285714E-6	0	0	2,1055E-4	2,1055E-4	100		
Tetrachlorethylene	1272	0	0	0	0	0,123295345275439	0	0	18,93964072	32,796561843266 7	57,75	2	5
Carbon tetrachloride	1276	0	0	0	0	0,013325704202492 2	0	0	2,706538616	2,851700699333 33	94,91	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
20 Mechanical working of metals industry	282	52	18,4397	18	6,383

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Cadmium and its compounds	1388	1	1
C10-C13-chloroalkanes	1955	5	5
Chloroform	1135	3	0
Copper and its compounds	1392	2	1
Nickel and its compounds	1386	31	4
Linear or branched nonylphenols	6598	3	0
Lead and its compounds	1382	1	0
Tetrachlorethylene	1272	3	2
Trichloroethylene	1286	3	2
Zinc and its compounds	1383	13	2
Anthracene	1458	1	0
Arsenic and its compounds	1369	1	0
Methylene chloride	1168	2	1
Octylphenol ethoxylates	6370, 6371	1	1
Carbon tetrachloride	1276	1	0
		71	19

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
C10-C13-chloroalkanes	1955	100,9999499766	157,2775898980	64,22

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

		4	68	
Methylene chloride	1168	296,637833333333	517,0576155	57,37
Octylphenol ethoxylates	6370, 6371	40,7102	78,5202769358619	51,85
Trichloroethylene	1286	19,68585	39,0280720575429	50,44
Tetrachlorethylene	1272	14,50682472	32,7965618432667	44,23
Nickel and its compounds	1386	1018,682856	3072,33005728703	33,16
Copper and its compounds	1392	735,537683333333	2808,89023250967	26,19
Zinc and its compounds	1383	1589,81914	10363,2962823107	15,34
Cadmium and its compounds	1388	0,405490500000001	13,0415850566667	3,11
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 21 Processing and surface coating industry

1 Sector data

396 sites
2504 samples
35 substances in the Sector specific list

2 Sector specific list

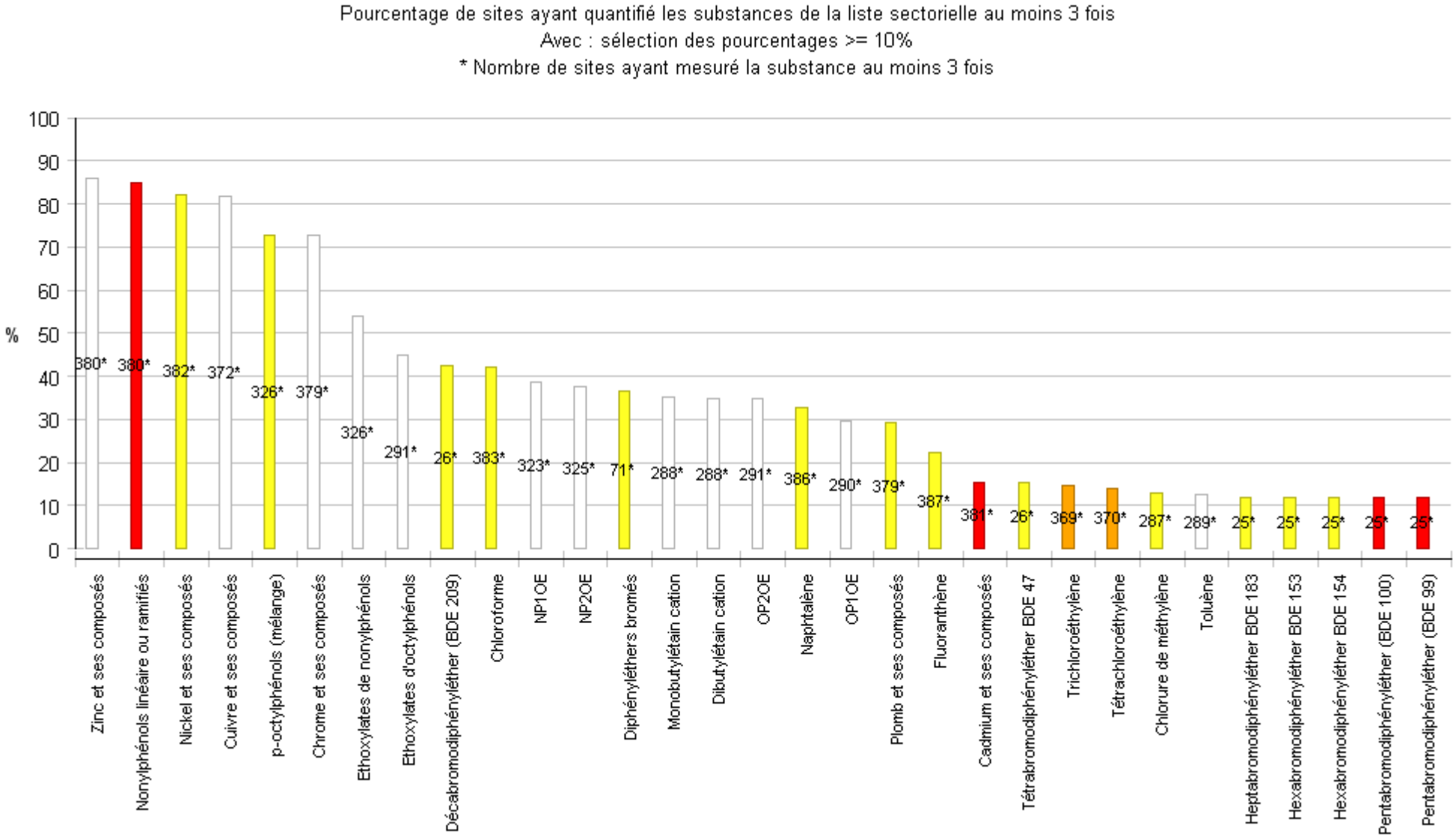
Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Cadmium and its compounds	1388	2	2	10
C10-C13-chloroalkanes	1955	10	2	10
Chloroform	1135	1	20	100
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Fluoranthene	1191	0,01	4	30
Mercury and its compounds	1387	0,5	2	5
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Lead and its compounds	1382	5	20	100
Tetrachlorethylene	1272	0,5	2	5
Trichloroethylene	1286	0,5	2	5
Zinc and its compounds	1383	10	200	500
Anthracene	1458	0,01	2	10
Arsenic and its compounds	1369	5	10	100
Methylene chloride	1168	5	20	100
Decabromodiphenyl ether (BDE-209)	1815	0,05		
Dibutyltin cation	7074	0,02	300	500
Heptabromodiphenyl ether (BDE-183)	2910	0,05		
Hexabromodiphenyl ether (BDE-153)	2912	0,05		
Hexabromodiphenyl ether (BDE 154)	2911	0,05		
Hexachlorobenzene	1199	0,01	2	5
Monobutyltin cation	2542	0,02	300	500
OP1OE	6370	0,1	10	30
OP2OE	6371	0,1	10	30
p-octylphenols (mixture)	6600	0,1	10	30
Pentabromodiphenyl ether (BDE 100)	2915	0,05		
Pentabromodiphenyl ether (BDE 99)	2916	0,05		

Tetrabromodiphenyl ether (BDE 47)	2919	0,05		
Carbon tetrachloride	1276	0,5	2	5
Toluene	1278	1	300	1 000
Tributyltin cation	2879	0,02	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	0	7,87603116406966	21,4371093619559	96,2779130989583	1032,43873900079	611,25	2238,84482758621	47272,9411764706
Nickel and its compounds	1386	10.00	0	5	8,82263623924771	96,5	911,556535068833	412,829936305733	1376,078866904762	183276,086956522
Copper and its compounds	1392	5.00	0	2,5	6,99961369622476	24,5	245,036676482781	153,678320586858	474,618582740303	14730,1128266033
Chrome and its compounds	1389	5.00	0	2,5	3,75447958922544	18,2733030606407	498,724351212388	101,785229023871	362,723583580459	149660,434782609
Chloroform	1135	1.00	0	0,116723054615756	0,5	0,681504424778761	158,193857003722	3,02708597715736	42,9202086049544	28450
Lead and its compounds	1382	5.00	0	0	2,5	2,5	24,4473491165217	5,90849422261226	22,6604600219058	3641,065558194 77
Methylene chloride	1168	5.00	0	0	1,07068965517241	2,5	697,682821524053	2,5	17,390625	163072,826855124
Nonylphenol ethoxylates	6366, 6369	0.10	0	0,041379310344827 6	0,1	0,218443815064299	3,53441216993291	1,64529560036664	7,76052643712851	125,127272727273
Octylphenol ethoxylates	6370, 6371	0.10	0	0,041379310344827 6	0,1	0,136026936026936	19,9861580364062	0,675116009280742	5,74808988764045	4836,992177 88759
Linear or branched nonylphenols	6598	0.10	0	0,05	0,099117526774239 6	0,375932203389831	5,00989979994154	1,62944	5,15	1168,689989 60569
Cadmium and its compounds	1388	2.00	0	0	0,5	1	4,971614244164596	1	5,022322965 68346	288,075301204819
C10-C13-chloroalkanes	1955	10.00	0	0	0,5	5	3,75979411455 52	5	5	64,3333333333333
NP2OE	6369		0	0,010817629681278 6	0,05	0,112235417010281	2,20673209116301	0,795125786163522	4,40260410117116	100,56694214876
Arsenic and its compounds	1369	5.00	0	0	1,6161003236246	2,5	2,60732026942199	2,5	3,97201124662236	18,687287 6917321
OP2OE	6371		0	0,010972222222222 2	0,05	0,067210348706411 7	12,1210204539072	0,35	3,754073033370787	2832,2690586782
NP1OE	6366		0	0,0117762	0,05	0,0949696	1,3276800	0,7698898	2,3738812	38,949426

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

				834180745		388622563	7876991	40881273	728134	9340974
Tetrachlorethylene	1272	0.50	0	0	0,158088235294118	0,25	2,79308812251287	0,25	2,27741754273333	334,917667844523
OP1OE	6370		0	0,018292682926829 3	0,05	0,05	7,91414155 49756	0,20784366 0019196	2,02059383308073	2004,72311920939
Toluene	1278	1.00	0	0,044547361956911 1	0,25	0,5	0,991911116487901	0,579970104633782	1,34957020057307	75,7461582571481
Trichloroethylene	1286	0.50	0	0	0,175444621168305	0,25	10,3339333627307	0,25	1,32826086956522	3901,70763260026
p-octylphenols (mixture)	6600	0.10	0	0,015	0,05	0,05	0,580397956139961	0,104545218312989	0,511221486387049	80,7924557694959
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0.05	0	0	0,013598593272171 3	0,055	1,15914860261426	0,175	0,384496110325318	78
Dibutyltin cation	7074	0.02	0	0	0,006112903225806 45	0,010724591215133 1	1,08320573677902	0,049144231732985 9	0,341160714285714	107,379959650303
Decabromodiphenyl ether (BDE-209)	1815	0.50	0	0	0,0028	0,025	0,314247541414377	0,031535052377115 2	0,250072264778147	18
Mercury and its compounds	1387	0.50	0	0	0,05	0,167523056653491	0,255185101278447	0,25	0,25	24,5275689533239
Carbon tetrachloride	1276	0.50	0	0	0,047169811320754 7	0,25	0,202031114603387	0,25	0,25	5,26931034482759
Naphthalene	1517	0.05	0	0,005	0,015551620279993 3	0,025	0,471499074190361	0,069909909909909 9	0,173042904290429	73,7912276462059
Monobutyltin cation	2542	0.02	0	0	0,006648275862068 97	0,01	0,248607259420798	0,039	0,1672	11,338981595092
Fluoranthene	1191	0.01	0	0,0025	0,005	0,005	0,038546035373869 7	0,009747523031461 84	0,034441805225653 2	5,93341176470588

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Heptabromodiphenyl ether BDE 183	2910	0.50	0	0	3,4E-6	0,002852941176470 59	0,150263882531194	0,025	0,025	10
Hexabromodiphenyl ether BDE 153	2912	0.50	0	0	5,07625E-6	0,005	0,148547919497064	0,025	0,025	10
Hexabromodiphenyl ether BDE 154	2911	0.50	0	0	5,07625E-6	0,005	0,148547919497064	0,025	0,025	10
Pentabromodiphenyl ether (BDE 100)	2915	0.50	0	0	5,07625E-6	0,005	0,148547919497064	0,025	0,025	10
Pentabromodiphenyl ether (BDE 99)	2916	0.50	0	0	5,07625E-6	0,005	0,148598035155701	0,025	0,025	10
Tetrabromodiphenyl ether BDE 47	2919	0.50	0	0	6,6E-6	0,005	0,144165431539013	0,025	0,025	10
Tributyltin cation	2879	0.02	0	0	0,0025	0,01	0,012150418979908 2	0,01	0,017611307420494 7	0,217896230381166
Anthracene	1458	0.01	0	0	0,003	0,005	0,074624251401331 9	0,005	0,014658042744656 9	15,2426190476191
Hexachlorobenzene	1199	0.01	0	0	6,3331000 6997901E-4	0,005	0,005653112031763 66	0,005	0,005	0,444713855421687

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	0	0,2748485	2,458725	70,536477949746	27,98283333333333	133,764	3039,60092	27156,544010652	11,19	200	500
Nickel and its compounds	1386	0	0	0,0738081666666667	2,12184928	30,9787088777333	15,50883616666667	71,29	756,655128	11957,781626805	6,33	20	100
Copper and its compounds	1392	0	0	0,061426	0,687963611111111	16,9638144035472	6,335386	26,57583333333333	1180,874784	6429,285658944 39	18,37	200	500
Chrome and its compounds	1389	0	0	0	0,46725	8,98262820654186	3,219328	13,25273633333333	831,1311	3476,277115931 7	23,91	200	500
Chloroform	1135	0	0	0	0	6,20794733229691	0,15879064	1,585776	886,6283333333	2427,307406928 09	36,53	20	100
Lead and its compounds	1382	0	0	0	0	1,06884830417839	0,044868	0,818833333333333	100,69102333333 33	414,7131420212 16	24,28	20	100
Methylene chloride	1168	0	0	0	0	9,12379971959778	0	0,344883333333333	1845,9844	2737,139915879 33	67,44	20	100
Nonylphenol ethoxylates	6366, 6369	0	0	0	0,00389263	0,174163154335022	0,054314773333333	0,3201945	10,03124666666667	57,47384093055 72	17,45	2	10
Linear or branched nonylphenols	6598	0	0	3,5311E-4	0,009936666666666667	0,509076986624833	0,047131542142 8571	0,290274	116,1833675	197,0127938238 1	58,97	2	10
Octylphenol ethoxylates	6370, 6371	0	0	0	0	22,0230857644213	0,023372	0,25839	6525,908613333 33	6584,902643561 95	99,1	10	30
NP2OE	6369	0	0	0	8,96E-4	0,090901215206421 3	0,027386	0,175051941666667	3,47138	29,997401018119	11,57		
OP2OE	6371	0	0	0	0	12,8838140348056	0,01403712	0,165073704	3821,203005	3852,260396406	99,19		

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

										89			
NP1OE	6366	0	0	0	5,4416666666667E-4	0,083261939128600 3	0,018852	0,128485216666667	6,5598666666667	27,476439912431	23,87		
OP1OE	6370	0	0	0	0	9,20081564698677	0,006253333333333333	0,08418	2704,705608333 33	2732,642247155 07	98,98		
Tetrachlorethylene	1272	0	0	0	0	0,691997807930826	0	0,0670355	164,6801966666667	262,2671692057 83	62,79	2	5
Cadmium and its compounds	1388	0	0	0	0	0,105031563711975	0	0,0544562304	8,909916166666667	40,752246720246 1	21,86	2	10
p-octylphenols (mixture)	6600	0	0	0	0	0,150662150993061	0,0022	0,02925	39,819808333333 33	51,074469186664 78	77,96	10	30
Toluene	1278	0	0	0	0	0,038513253110992 7	0	0,0253035	2,739166666666667	11,515462680186 8	23,79	300	1000
Trichloroethylene	1286	0	0	0	0	1,34863105673278	0	0,02509632	502,67	511,1311705017 23	98,34	2	5
Dibutyltin cation	7074	0	0	0	0	0,25086566146665	0,001540395166666667	0,013212966666667	31,9348	75,761429762928 2	42,15	300	500
Naphthalene	1517	0	0	0	0	0,043861858013416 2	0,001232408333333333	0,00988592	5,59253425	17,23771019927 26	32,44	20	100
Decabromodiphenyl ether (BDE-209)	1815	0	0	0	0	0,009053399777619 05	0	0,008236125	0,2934	0,633737984433 333	46,3		
Monobutyltin cation	2542	0	0	0	0	0,054988221350539 7	0,001036666666666667	0,0075495	5,88812344	16,496466405161 9	35,69	300	500
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0	0	0	0	0,022079488137442 9	0	0,0057675	1,2714	1,6118026340333 33	78,88	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Fluoranthene	1191	0	0	0	0	0,001002544645833 8	0	9,282E-4	0,090851868	0,3929975011668 5	23,12	4	30
Anthracene	1458	0	0	0	0	6,1259288 0133309E-4	0	1,695E-4	0,128038	0,1868408284406 59	68,53	2	10
Arsenic and its compounds	1369	0	0	0	0	0,028521534828349 9	0	0	3,65252	8,5849819833333 33	42,55	10	100
C10-C13-chloroalkanes	1955	0	0	0	0	0,037295714038727 5	0	0	3,92838	8,9882670833333 33	43,71	2	10
Heptabromodiphenyl ether BDE 183	2910	0	0	0	0	0,002362318840579 71	0	0	0,163	0,163	100		
Hexabromodiphenyl ether BDE 153	2912	0	0	0	0	0,002328571428571 43	0	0	0,163	0,163	100		
Hexabromodiphenyl ether BDE 154	2911	0	0	0	0	0,002328571428571 43	0	0	0,163	0,163	100		
Hexachlorobenzene	1199	0	0	0	0	2,2273645 036888E-5	0	0	0,0059058	0,0063257151901 47619	93,36	2	5
Mercury and its compounds	1387	0	0	0	0	0,011715089571428 6	0	0	2,7745586	4,510309485	61,52	2	5
Pentabromodiphenyl ether (BDE 100)	2915	0	0	0	0	0,002328571428571 43	0	0	0,163	0,163	100	2	5
Pentabromodiphenyl ether (BDE 99)	2916	0	0	0	0	0,002328571428571 43	0	0	0,163	0,163	100	2	5
Tetrabromodiphenyl ether BDE 47	2919	0	0	0	0	0,002233762323287 67	0	0	0,163	0,1630646496	99,96		
Carbon tetrachloride	1276	0	0	0	0	7,3545833 3333333E-4	0	0	0,089856	0,218431125	41,14	2	5
Tributyltin cation	2879	0	0	0	0	0,001889086347338	0	0	0,3606174216	0,542167781686	66,51	2	5

						31				095			

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
21 Processing and surface coating industry	396	119	30,0505	56	14,1414

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Cadmium and its compounds	1388	6	0
C10-C13-chloroalkanes	1955	1	0
Chloroform	1135	13	7
Chrome and its compounds	1389	2	1
Copper and its compounds	1392	6	2
Nonylphenol ethoxylates	6366, 6369	4	1
Mercury and its compounds	1387	1	0
Nickel and its compounds	1386	80	31
Linear or branched nonylphenols	6598	10	2
Lead and its compounds	1382	4	1
Tetrachlorethylene	1272	6	4
Trichloroethylene	1286	1	1
Zinc and its compounds	1383	28	11
Methylene chloride	1168	6	4
Octylphenol ethoxylates	6370, 6371	2	1
p-octylphenols (mixture)	6600	1	1
		171	67

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Octylphenol ethoxylates	6370, 6371	6495,90861333333	6584,90264356195	98,65
Trichloroethylene	1286	497,67	511,131170501723	97,37
Tetrachlorethylene	1272	224,940829875238	262,267169205783	85,77
Methylene chloride	1168	2113,31934987179	2737,13991587933	77,21
Linear or branched nonylphenols	6598	108,5989135	197,012793823 81	55,12
Chloroform	1135	1262,97100546667	2427,30740692809	52,03
Nickel and its compounds	1386	5395,29927294286	11957,7816268051	45,12
Zinc and its compounds	1383	9184,08839047619	27156,5440106522	33,82
p-octylphenols (mixture)	6600	9,81980833333333	51,0744691866478	19,23
Copper and its compounds	1392	876,291117333334	6429,28565894439	13,63
Chrome and its compounds	1389	331,1311	3476,2771159317	9,53
Lead and its compounds	1382	0,691023333333334	414,713142021216	0,17
Nonylphenol ethoxylates	6366, 6369	0,031246666666668	57,4738409305572	0,05

Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 22 Wood industry

1 Sector data

27 sites
167 samples
28 substances in the Sector specific list

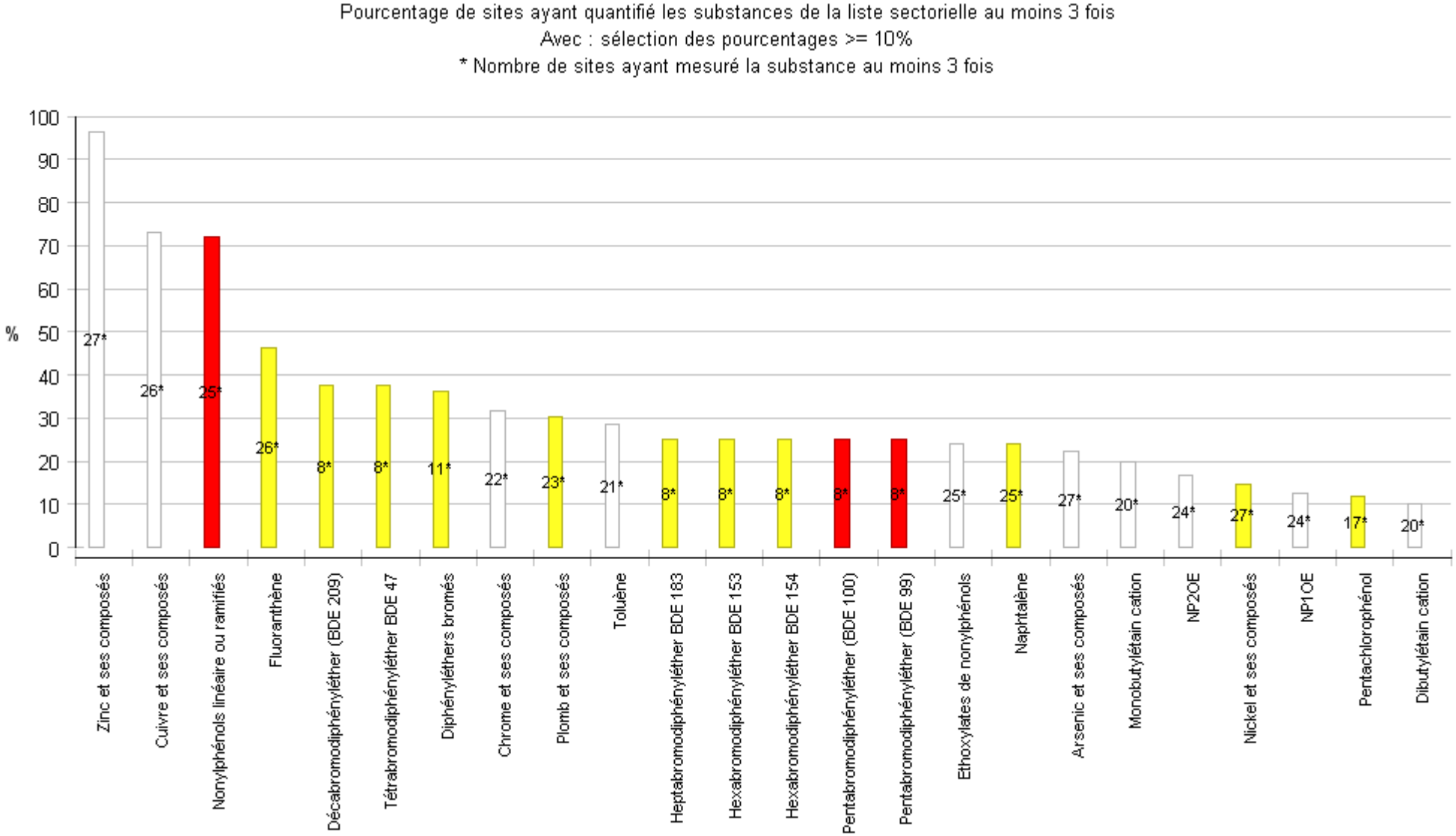
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Arsenic and its compounds	1369	5	10	100
Copper and its compounds	1392	5	200	500
Fluoranthene	1191	0,01	4	30
Mercury and its compounds	1387	0,5	2	5
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Zinc and its compounds	1383	10	200	500
Benzene	1114	1	20	100
Cadmium and its compounds	1388	2	2	10
Chloroform	1135	1	20	100
Chrome and its compounds	1389	5	200	500
Decabromodiphenyl ether (BDE-209)	1815	0,05		
Dibutyltin cation	7074	0,02	300	500
Heptabromodiphenyl ether (BDE-183)	2910	0,05		
Hexabromodiphenyl ether (BDE-153)	2912	0,05		
Hexabromodiphenyl ether (BDE 154)	2911	0,05		
Monobutyltin cation	2542	0,02	300	500
Pentabromodiphenyl ether (BDE 100)	2915	0,05		
Pentabromodiphenyl ether (BDE 99)	2916	0,05		
Pentachlorophenol	1235	0,1	4	30
Lead and its compounds	1382	5	20	100
Tetrabromodiphenyl ether (BDE 47)	2919	0,05		
Toluene	1278	1	300	1 000
Tributyltin cation	2879	0,02	2	5
Trichloroethylene	1286	0,5	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	2,5	12,5313011935408	33,5754495228528	88,0833333333333	203,36137547371	251,293313857607	522,917525773196	1068,421052263158
Copper and its compounds	1392	5.00	0,698292220113852	2,5	3,901064825649 43	11,3649318463445	39,0512346026447	42,3703703703704	82,9731670098099	223,958762886598
Toluene	1278	1.00	0	0,25	0,5	0,5	10,9052443763716	0,704275092936803	42	101,570451737919
Chrome and its compounds	1389	5.00	0	1,18518518518519	2,5	3,83333333333333	8,07757557549575	5,91666666666667	17,6276298897905	39,5653485963721
Lead and its compounds	1382	5.00	0	0,55663430420712	2,5	2,5	12,9368330301564	5,48333333333333	14,1030927835052	183,778813278924
Nickel and its compounds	1386	10.00	0	2,5	4,80246913580247	5	9,09519353151838	5	13,5	74,3766233766234
Arsenic and its compounds	1369	5.00	0	0,456273764258555	2,5	2,5	4,87150894430653	4,89423424272409	11,7458635334088	19,1666666666667
Linear or branched nonylphenols	6598	0.10	0	0,034166666666667	0,062393874416852 6	0,193786533583324	1,84247540983928	1,12220965309201	4,14903278688525	12,0196485330073
Chloroform	1135	1.00	0	0,308349809885932	0,5	0,5	0,762965804488367	0,5	2,44444444444444	3,00515463917526
Cadmium and its compounds	1388	2.00	0	0,182509505703422	0,5	1	0,986823299975472	1	1,51583771040724	4,37801632462167
Nonylphenol ethoxylates	6366, 6369	0.10	0	0,02	0,075	0,1	5,36040958597819	0,16410355987055	0,781818181818182	117,464836364041
NP1OE	6366		0	0,01	0,025	0,05	5,10558794140741	0,05	0,551298701298701	117,464836364041
Benzene	1114	1.00	0	0	0,368862955580549	0,5	0,405626515813113	0,5	0,5	0,57579185520362
Fluoranthene	1191	0.01	0	0,003497267759562 84	0,005	0,011947368421052 6	0,085799217668639	0,040833333333333 3	0,307734166263773	0,683799782003149
Trichloroethylene	1286	0.50	0	0	0,25	0,25	0,202380952380952	0,25	0,25	0,25
Mercury and its compounds	1387	0.50	0	0,052371916508538 9	0,082474226804123 7	0,25	0,183105209440537	0,25	0,25	0,415821195379206
Brominated diphenyl ethers	1815,	0.05	0	0,011811	0,0187096	0,1677812	0,1277647	0,175	0,2144329	0,2364705

	2910, 2912, 2919, 2911, 2916, 2915				199458815	5	60094661		89690722	88235294
NP2OE	6369		0	0	0,012226775956284 2	0,05	0,254821644570788	0,05	0,152631578947369	4,91096654275093
Decabromodiphenyl ether (BDE-209)	1815	0.50	0	0,00465	0,00665	0,025	0,039446511899751 1	0,025	0,086470588235294 1	0,169896907216495
Naphthalene	1517	0.05	0	6,84410646387833E-4	0,010280054644808 7	0,026334461303351 2	0,057906053239111 8	0,038808349146110 1	0,079105937237402 6	0,691842105263158
Pentachlorophenol	1235	0.10	0	0	0,021061728395061 7	0,05	0,047655349481971 5	0,05	0,05	0,227215369501146
Monobutyltin cation	2542	0.02	0	0,005175581268420 48	0,01	0,010892747363134 1	0,131124419108128	0,017733260581495 1	0,033247140430351 1	2,3415
Dibutyltin cation	7074	0.02	0	0,002197718631178 71	0,0025	0,01	0,030152544604380 3	0,010507936507936 5	0,032712158836564 5	0,3935
Heptabromodiphenyl ether BDE 183	2910	0.50	0	0	0	0,022853732944964	0,014088066631360 4	0,025	0,025	0,025
Hexabromodiphenyl ether BDE 153	2912	0.50	0	0	0	0,022853732944964	0,014485430267724	0,025	0,025	0,025
Hexabromodiphenyl ether BDE 154	2911	0.50	0	0	0	0,022853732944964	0,014088066631360 4	0,025	0,025	0,025
Pentabromodiphenyl ether (BDE 100)	2915	0.50	0	0	0	0,022853732944964	0,014088066631360 4	0,025	0,025	0,025
Pentabromodiphenyl ether (BDE 99)	2916	0.50	0	0	0	0,022853732944964	0,014088066631360 4	0,025	0,025	0,025
Tetrabromodiphenyl ether BDE 47	2919	0.50	0	0	4,65E-4	0,022853732944964	0,017480551401744 6	0,025	0,025	0,044536082474226 8

Tributyltin cation	2879	0.02	0	0	0,002	0,01	0,012884885931558 9	0,01	0,01	0,133

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	0,078952	0,309596666666667	2,2059716666666667	27,9509069306173	23,033833333333333	68,016453333333333	246,6775	754,67448712666667	32,69	200	500
Copper and its compounds	1392	0	0	0	0,056336	1,71855776538462	1,1517	3,5882632	13,193	44,6825019	29,53	200	500
Linear or branched nonylphenols	6598	0	0	0	6,885E-4	0,202229604871795	0,079913333333333333	0,506182	1,7896197666666667	5,2579697266666667	34,04	2	10
Chrome and its compounds	1389	0	0	0	0	0,701000578030303	0,005904	0,121292783333333	5,9218116666666667	15,422012716666667	38,4	200	500
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	0,719512600252	4,176E-5	0,0418275	17,581157833333333	17,987815063	97,74	2	10
Lead and its compounds	1382	0	0	0	0	4,90535499130435	0,005264	0,022416666666666667	111,08816666666667	112,8231648	98,46	20	100
NP1OE	6366	0	0	0	0	0,716423803853333	0	0,016031175	17,581157833333333	17,910595096333333	98,16		
Arsenic and its compounds	1369	0	0	0	0	0,637624027160494	0	0,016021666666666667	11,967083333333333	17,215848733333333	69,51	10	100
Toluene	1278	0	0	0	0	0,498083017619048	0	0,009084166666666667	9,749418333333333	10,459743337	93,21	300	1000
Fluoranthene	1191	0	0	0	2,25E-5	0,0148867615	0,0026	0,008890916666666667	0,2783734166666667	0,4019425605	69,26	4	30
Dibutyltin cation	7074	0	0	0	0	0,001602519930158 73	0	0,004896083333333333	0,016798044	0,033652918533 3333	49,92	300	500
Chloroform	1135	0	0	0	0	0,085706150793650 8	0	0,002429166666666667	1,7908	1,799829166666667	99,5	20	100

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Nickel and its compounds	1386	0	0	0	0	0,14777647654321	0	5,832E-4	3,8647616666666667	3,9899648666666667	96,86	20	100
NP2OE	6369	0	0	0	0	0,003088798666666667	0	3,55E-4	0,0607095	0,077219966666666667	78,62		
Naphthalene	1517	0	0	0	0	0,004627343538461 54	0	1,89288 E-4	0,0738044	0,120310932	61,34	20	100
Decabromodiphenyl ether (BDE-209)	1815	0	0	0	0	2,31757575757576E-5	0	1,176E-4	1,3733333333333333E-4	2,5493333333333333E-4	53,87		
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0	0	0	0	2,31757575757576E-5	0	1,176E-4	1,3733333333333333E-4	2,5493333333333333E-4	53,87	2	5
Monobutyltin cation	2542	0	0	0	0	5,12453371428571E-4	0	1,01152 8E-4	0,009394312	0,0107615208	87,3	300	500
Benzene	1114	0	0	0	0	0	0	0	0	0		20	100
Cadmium and its compounds	1388	0	0	0	0	0,031383095238095 2	0	0	0,655265	0,659045	99,43	2	10
Heptabromodiphenyl ether BDE 183	2910	0	0	0	0	0	0	0	0	0			
Hexabromodiphenyl ether BDE 153	2912	0	0	0	0	0	0	0	0	0			
Hexabromodiphenyl ether BDE 154	2911	0	0	0	0	0	0	0	0	0			
Mercury and its compounds	1387	0	0	0	0	0	0	0	0	0		2	5
Pentabromodiphenyl ether (BDE 100)	2915	0	0	0	0	0	0	0	0	0		2	5
Pentabromodiphenyl ether (BDE 99)	2916	0	0	0	0	0	0	0	0	0		2	5
Pentachlorophenol	1235	0	0	0	0	0,001927333333333 33	0	0	0,034692	0,034692	100	4	30

Tetrabromodiphenyl ether BDE 47	2919	0	0	0	0	0	0	0	0	0			
Tributyltin cation	2879	0	0	0	0	2,8728E-7	0	0	5,7456E-6	5,7456E-6	100	2	5
Trichloroethylene	1286	0	0	0	0	0	0	0	0	0		2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
22 Wood industry	27	3	11,1111	2	7,4074

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Arsenic and its compounds	1369	1	0
Nonylphenol ethoxylates	6366, 6369	1	1
Zinc and its compounds	1383	1	0
Lead and its compounds	1382	1	1
		4	2

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Nonylphenol ethoxylates	6366, 6369	7,58115783333333	17,987815063	42,15
Lead and its compounds	1382	11,0881666666667	112,8231648	9,83

Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 23 Ceramics and refractory materials industry

1 Sector data

18 sites
120 samples
19 substances in the Sector specific list

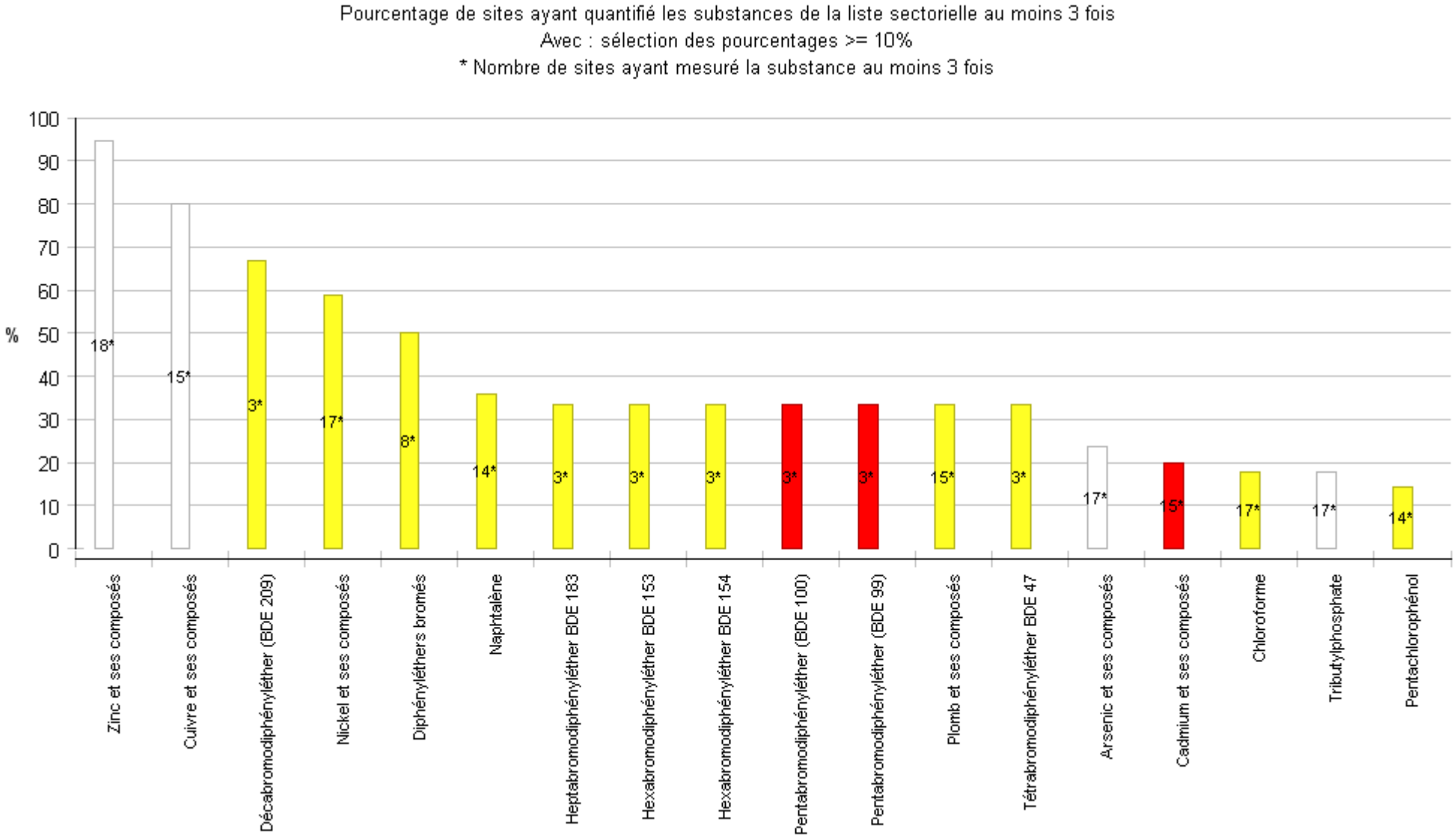
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Arsenic and its compounds	1369	5	10	100
Cadmium and its compounds	1388	2	2	10
Chloroform	1135	1	20	100
Copper and its compounds	1392	5	200	500
Decabromodiphenyl ether (BDE-209)	1815	0,05		
Heptabromodiphenyl ether (BDE-183)	2910	0,05		
Hexabromodiphenyl ether (BDE-153)	2912	0,05		
Hexabromodiphenyl ether (BDE 154)	2911	0,05		
Mercury and its compounds	1387	0,5	2	5
Nickel and its compounds	1386	10	20	100
Pentabromodiphenyl ether (BDE 100)	2915	0,05		
Pentabromodiphenyl ether (BDE 99)	2916	0,05		
Lead and its compounds	1382	5	20	100
Tetrabromodiphenyl ether (BDE 47)	2919	0,05		
Tributyl phosphate	1847	0,1	300	2 000
Zinc and its compounds	1383	10	200	500
Benzene	1114	1	20	100
Naphthalene	1517	0,05	20	100
Pentachlorophenol	1235	0,1	4	30

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire»	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	5	29,3591913493183	39,5	88,3298139363766	310,173965897177	351,833333333333	1117,22119266055	1529,73043556712
Copper and its compounds	1392	5.00	2,5	2,5	4,75	11,4611442611697	37,9856031317364	18,7377777777778	103,041493775934	219,374449339207
Nickel and its compounds	1386	10.00	0,715596330275229	2,41898148148148	4,985849055660377	5	16,3904439799954	14,688888888889	46,0542234759442	81,825832863902
Lead and its compounds	1382	5.00	0,796633941093969	1,70423913043478	2,5	2,5	13,6444697126921	5,235889908256 88	27,666666666667	93,651452821577
Arsenic and its compounds	1369	5.00	0,751736111111111	0,858715596330275	2,5	2,5	7,523434911461 37	2,733333333333 3	9,8466903052841	82,1659751037344
Cadmium and its compounds	1388	2.00	0,143119266055046	0,5	0,5	1	1,433693981 41697	1	1,601273148148 15	10,4969135802469
Chloroform	1135	1.00	0,1	0,3	0,5	0,5	2,097523439 7378	0,5	0,968722466960353	32,6297071129707
Benzene	1114	1.00	0	0,1	0,25	0,25	0,315425921405907	0,5	0,5	0,5
Mercury and its compounds	1387	0.50	0	0,05	0,1	0,1674511 45198571	0,243264233932605	0,25	0,296212232726651	1,413278008 29876
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0.05	4,48E-6	4,48E-6	0,04108	0,175	0,133347466548664	0,175	0,1986	0,221885245901639
Tributyl phosphate	1847	0.10	0,004633027522935 78	0,011740613913446 1	0,05	0,05	0,775822754270233	0,072042812717007 4	0,165222222222222	14,582
Naphthalene	1517	0.05	0,005	0,005197674418604 65	0,01	0,025	0,044293962053370 8	0,030844339622641 5	0,069533333333333 3	0,196793360995851
Pentachlorophenol	1235	0.10	0	0,025	0,05	0,05	0,053137151982995 9	0,05	0,05	0,183072531120332
Decabromodiphenyl ether (BDE-209)	1815	0.50	6,4E-7	6,4E-7	0,025	0,025	0,031232939104375	0,038490566037735	0,0486	0,071885245901639

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

								8		3
Heptabromodiphenyl ether BDE 183	2910	0.50	6,4E-7	6,4E-7	0,025	0,025	0,019795626666667	0,025	0,025	0,025
Hexabromodiphenyl ether BDE 153	2912	0.50	6,4E-7	6,4E-7	0,00316	0,025	0,017484351470945 2	0,025	0,025	0,025
Hexabromodiphenyl ether BDE 154	2911	0.50	6,4E-7	6,4E-7	0,00316	0,025	0,017484351470945 2	0,025	0,025	0,025
Pentabromodiphenyl ether (BDE 100)	2915	0.50	6,4E-7	6,4E-7	0,00316	0,025	0,017484351470945 2	0,025	0,025	0,025
Pentabromodiphenyl ether (BDE 99)	2916	0.50	6,4E-7	6,4E-7	0,00316	0,025	0,017484351470945 2	0,025	0,025	0,025
Tetrabromodiphenyl ether BDE 47	2919	0.50	6,4E-7	6,4E-7	0,00316	0,025	0,017484351470945 2	0,025	0,025	0,025

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	0,0395	0,749364	4,8165	51,2548319296296	23,39048	53,693283333333	486,90114	922,5869747333333	52,78	200	500
Copper and its compounds	1392	0	0	0	0,0870472	9,90026778333333	1,1652532	6,9324	83,4084	158,4042845333333	52,66	200	500
Nickel and its compounds	1386	0	0	0	0	3,75989429568628	0,2856668	1,45375	58,829091666666667	63,918203026666667	92,04	20	100
Lead and its compounds	1382	0	0	0	0	0,219236291666667	0,027666666666666667	0,481536	1,880833333333333	3,507780666666667	53,62	20	100
Arsenic and its compounds	1369	0	0	0	0	0,152422735686275	0	0,0220616	1,650166666666667	2,591186506666667	63,68	10	100
Tributyl phosphate	1847	0	0	0	0	0,007836329444444444	0	0,01044744	0,11476185	0,14105393	81,36	300	2000
Naphthalene	1517	0	0	0	0	3,6100192E-4	0	1,1808E-4	0,003952266666666667	0,0054150288	72,99	20	100
Benzene	1114	0	0	0	0	0	0	0	0	0		20	100
Cadmium and its compounds	1388	0	0	0	0	0,00666496	0	0	0,051	0,0999744	51,01	2	10
Chloroform	1135	0	0	0	0	0,71765	0	0	12,4776	12,9177	96,59	20	100
Decabromodiphenyl ether (BDE-209)	1815	0	0	0	0	2,70617142857143E-5	0	0	1,89432E-4	1,89432E-4	100		
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0	0	0	0	2,3679E-5	0	0	1,89432E-4	1,89432E-4	100	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Heptabromodiphenyl ether BDE 183	2910	0	0	0	0	0	0	0	0	0			
Hexabromodiphenyl ether BDE 153	2912	0	0	0	0	0	0	0	0	0			
Hexabromodiphenyl ether BDE 154	2911	0	0	0	0	0	0	0	0	0			
Mercury and its compounds	1387	0	0	0	0	0,001669607843137 25	0	0	0,02838333333333333	0,02838333333333333	100	2	5
Pentabromodiphenyl ether (BDE 100)	2915	0	0	0	0	0	0	0	0	0		2	5
Pentabromodiphenyl ether (BDE 99)	2916	0	0	0	0	0	0	0	0	0		2	5
Pentachlorophenol	1235	0	0	0	0	2,6262190 4761905E-4	0	0	0,00367 6706666 66667	0,00367 6706666 66667	100	4	30
Tetrabromodiphenyl ether BDE 47	2919	0	0	0	0	0	0	0	0	0			

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
23 Ceramics and refractory materials industry	18	3	16,6667	0	0

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Nickel and its compounds	1386	1	0
Zinc and its compounds	1383	2	0
		3	0

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 24 Animal by-product treatment industries

1 Sector data

17 sites
101 samples
19 substances in the Sector specific list

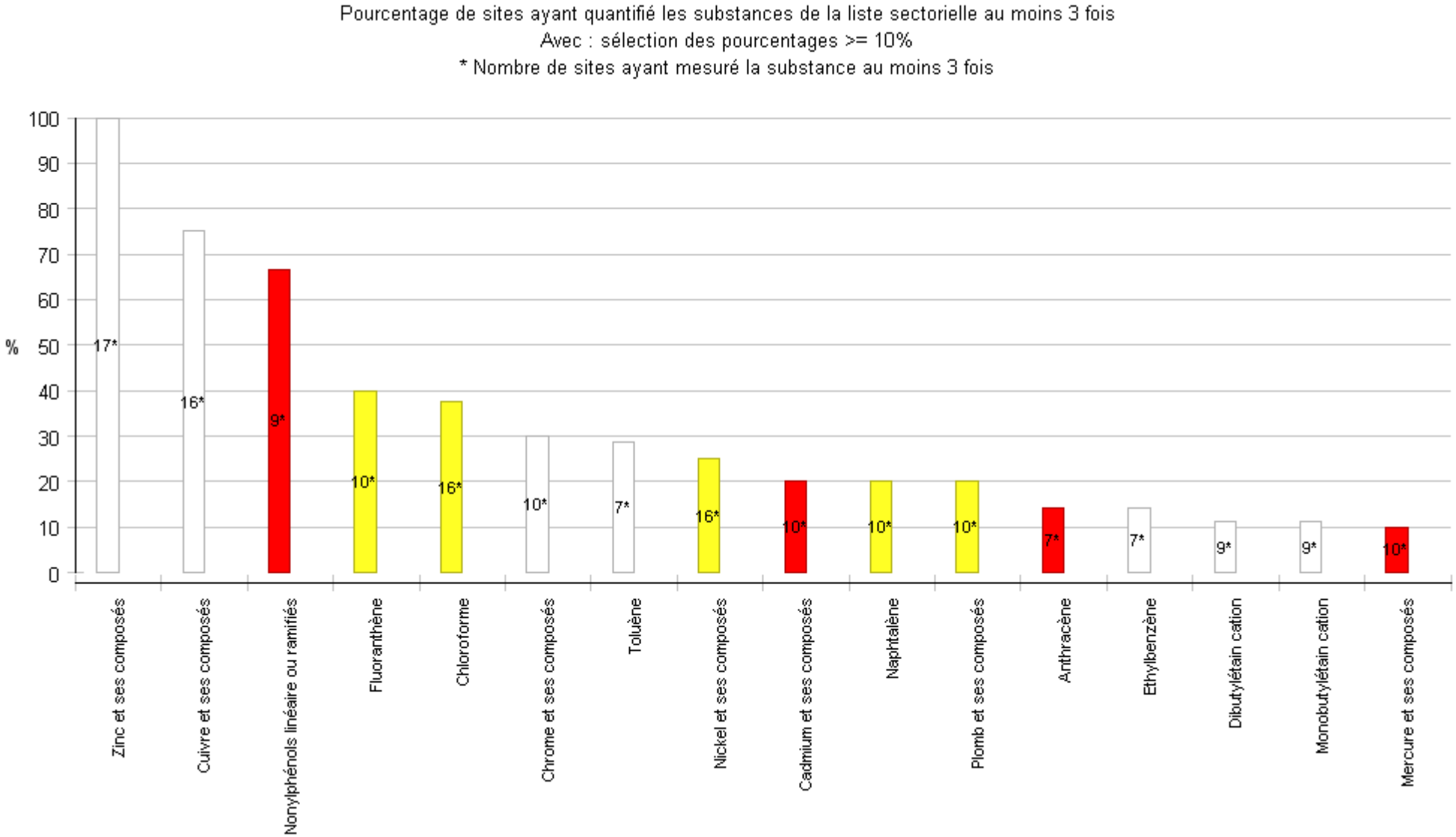
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Chloroform	1135	1	20	100
Copper and its compounds	1392	5	200	500
Nickel and its compounds	1386	10	20	100
Zinc and its compounds	1383	10	200	500
1,3,5 trichlorobenzene	1629	1	4	30
Anthracene	1458	0,01	2	10
Cadmium and its compounds	1388	2	2	10
Methylene chloride	1168	5	20	100
Chrome and its compounds	1389	5	200	500
Dibutyltin cation	7074	0,02	300	500
Ethylbenzene	1497	1	300	1 000
Fluoranthene	1191	0,01	4	30
Mercury and its compounds	1387	0,5	2	5
Monobutyltin cation	2542	0,02	300	500
Naphthalene	1517	0,05	20	100
Linear or branched nonylphenols	6598	0,1	2	10
Lead and its compounds	1382	5	20	100
Toluene	1278	1	300	1 000
Tributyltin cation	2879	0,02	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	7,81396946125036	22,3336544369911	46,0598603259062	81,7786055877171	162,64059386352	222,826315789474	374,204013882601	573,888719357136
Copper and its compounds	1392	5.00	0,429335176025604	0,859298991243791	3,26072563802618	11,7432231158773	14,497803255255	18,5774590580816	21,899652934963	57,8346334716459
Nickel and its compounds	1386	10.00	0	0	1,98252808357906	4,67175261926559	4,513744000320711	5	6,770488118878348	16,982778 4500144
Chrome and its compounds	1389	5.00	0	0	0,5	2,5	3,098104149810 21	4,131578947368 42	6,207182737286 86	7,912297833384 19
Toluene	1278	1.00	0,072390739413180 4	0,072390739413180 4	0,1	0,5	89,754350 1582446	0,5	3,841842105263 16	623,06783 2367002
Lead and its compounds	1382	5.00	0	0	0,5	1,65610381771541	2,05573531892111	2,5	3,6368037331093	6,674631268436 58
Methylene chloride	1168	5.00	0	0	0	0,5	0,964285714285714	1,25	2,5	2,5
Chloroform	1135	1.00	0	0,1	0,25258219377364	0,5	1,16873453000706	1,00317956628604	2,246998616874 14	5,771105527638 19
Ethylbenzene	1497	1.00	0	0	0	0,5	0,709318873931854	0,5	1,417863696470 35	2,447368421052 63
Cadmium and its compounds	1388	2.00	0	0	0	0,32357462019660 4	0,640451696869536	0,930271589868782	1	2,266938282782 56
Linear or branched nonylphenols	6598	0.10	0,05	0,05	0,076666666666667	0,20627524204702 6	0,445051079418824	0,386465466381853	0,537852723706051	2,160763157894 74
Mercury and its compounds	1387	0.50	0	0	0	0,1	0,133568583069262	0,25	0,25	0,25
1,3,5 trichlorobenzene	1629	1.00	0,05	0,05	0,1	0,10033155819550 4	0,193093470625979	0,25	0,25	0,465135794934391
Naphthalene	1517	0.05	0	0	0,014804885314268 7	0,025	0,110240530364363	0,025	0,074486318787508 9	0,856405950682698
Fluoranthene	1191	0.01	0	0	0,005757928425952 86	0,010306970509383 4	0,050680081425333 9	0,018214322042518 6	0,051069156293222 7	0,356578353289553
Monobutyltin cation	2542	0.02	0	0	0,003891328281017	0,01	0,024542301610728	0,015937897648686	0,037208829213711	0,129321563301645

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

					97		4		7	
Dibutyltin cation	7074	0.02	0	0	0	0,01	0,012231332769067 2	0,01	0,026292741813792 1	0,046648865832570 4
Tributyltin cation	2879	0.02	0	0	0	0,01	0,010261468120885 3	0,01	0,025799003153290 6	0,026292741813792 1
Anthracene	1458	0.01	0	0	0	0,005	0,006561246865194 02	0,005	0,006942917864109 17	0,026485810192249

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	1,827792	4,1330833333333	11,630771666667	36,8239052843137	20,28	24,313825833333	273,5004	626,0063898333	43,69	200	500
Copper and its compounds	1392	0	0	0	0,446756	3,43256038125	1,6725776	5,8447216666667	32,7408	54,9209661	59,61	200	500
Chloroform	1135	0	0	0	0	0,328330085416667	0,0649832	0,5224291666667	2,3144	5,2532813666667	44,06	20	100
Toluene	1278	0	0	0	0	2,95160707619048	0	0,2433166666667	20,417932866667	20,661249533333	98,82	300	1000
Linear or branched nonylphenols	6598	0	0	0	0,00596548	0,044867315185185 2	0,065606583333 3333	0,1368483333333 333	0,1767803833333 333	0,4038058366666 667	43,78	2	10
Chrome and its compounds	1389	0	0	0	0	0,032784433333333 3	0	0,0685583333333 3333	0,259286	0,3278443333333 333	79,09	200	500
Ethylbenzene	1497	0	0	0	0	0,028780484761904 8	0	0,0464633933333 3333	0,155	0,2014633933333 333	76,94	300	1000
Fluoranthene	1191	0	0	0	3,16E-4	0,00819305275	0,00147692	0,00576675	0,0714473075	0,0819305275	87,2	4	30
Naphthalene	1517	0	0	0	0	0,017577910333333 3	0	0,0024409166666 66667	0,1715973466666 667	0,1757791033333 333	97,62	20	100
Monobutyltin cation	2542	0	0	0	0	2,94187777777778E-4	0	0,0012193333333 33333	0,0014283566666 66667	0,00264769	53,95	300	500
Dibutyltin cation	7074	0	0	0	0	2,02120740740741E-4	0	2,9040333333333 3E-4	0,0015286833333 33333	0,0018190866666 66667	84,04	300	500
Tributyltin cation	2879	0	0	0	0	1,41979583333333E-4	0	2,9040333333333 3E-4	8,4543333333333 3E-4	0,0011358366666 66667	74,43	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

1,3,5 trichlorobenzene	1629	0	0	0	0	0	0	0	0	0		4	30
Anthracene	1458	0	0	0	0	1,23991428571429E-4	0	0	8,6794E-4	8,6794E-4	100	2	10
Cadmium and its compounds	1388	0	0	0	0	0,002503833333333	0	0	0,025038333333333	0,025038333333333	100	2	10
Methylene chloride	1168	0	0	0	0	0	0	0	0	0		20	100
Mercury and its compounds	1387	0	0	0	0	0	0	0	0	0		2	5
Nickel and its compounds	1386	0	0	0	0	0,767541979166667	0	0	12,28067166666667	12,28067166666667	100	20	100
Lead and its compounds	1382	0	0	0	0	0,021872766666667	0	0	0,218727666666667	0,218727666666667	100	20	100

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
24 Animal by-product treatment industries	17	1	5,8824	0	0

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Zinc and its compounds	1383	1	0
		1	0

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 25 Plum drying plants

1 Sector data

20 sites
58 samples
11 substances in the Sector specific list

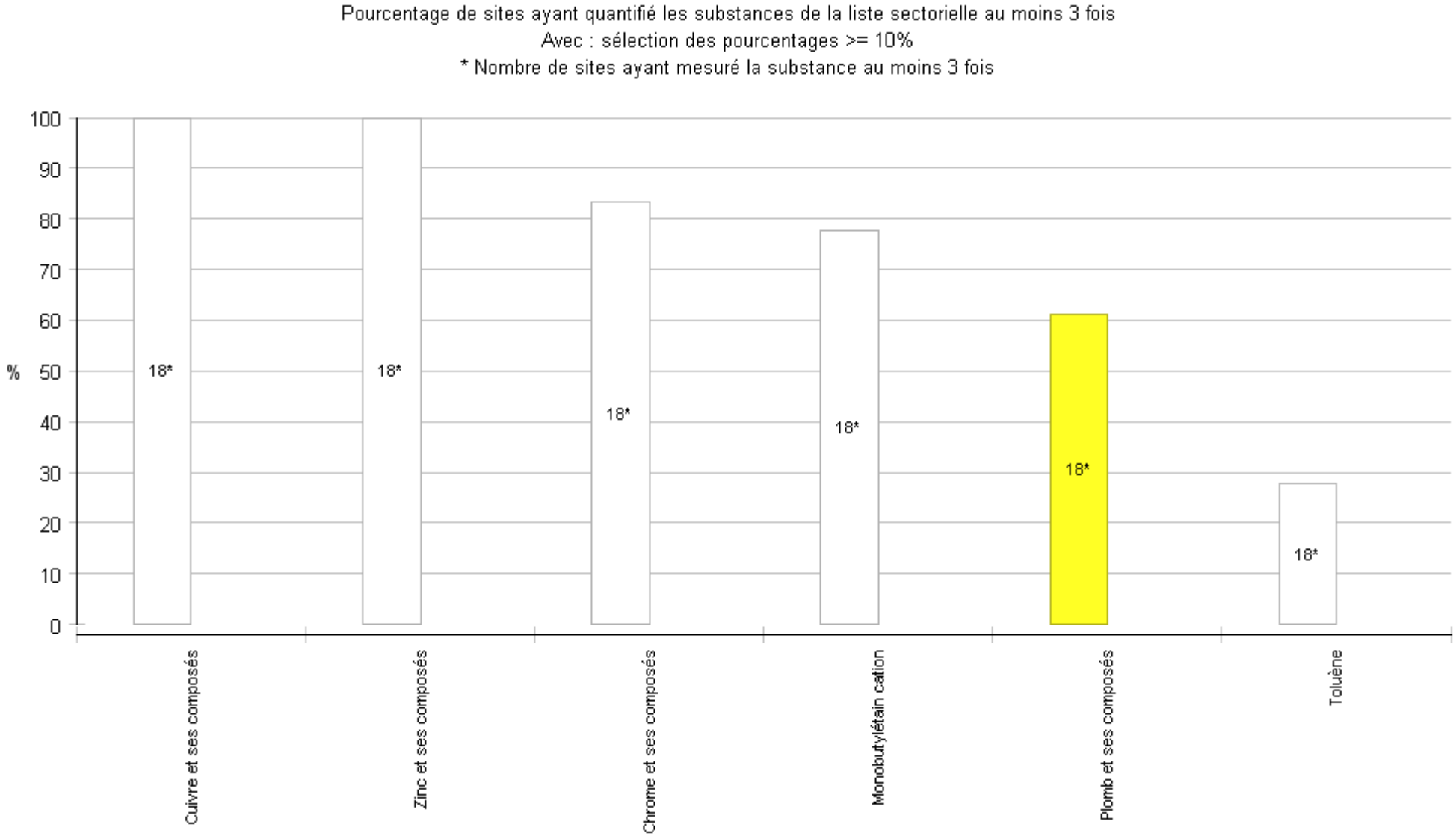
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Dibutyltin cation	7074	0,02	300	500
Monobutyltin cation	2542	0,02	300	500
Linear or branched nonylphenols	6598	0,1	2	10
Lead and its compounds	1382	5	20	100
Tributyltin cation	2879	0,02	2	5
Zinc and its compounds	1383	10	200	500
Ethylbenzene	1497	1	300	1 000
Toluene	1278	1	300	1 000
Xylenes (total o, m, p)	1780	2	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	122,857843137255	144,864779874214	253,564102564103	425,711578947368	582,190351665757	755,125	1230,469283327645	1603,831168883117
Chrome and its compounds	1389	5.00	3,66625816993464	3,73789473684211	14,4285714285714	26,4065040650407	53,3286005898697	45,4831460674157	154,068259385666	223,798941798942
Copper and its compounds	1392	5.00	13,9967320261438	23,3052631578947	32,7641509433962	66,6391304347826	95,5157782540175	113,333333333333	133,872264226025	494,899317406143
Lead and its compounds	1382	5.00	2,5	2,5	6,826923076923 08	10,8869565217391	17,8977029587055	18,0660565061679	27,8547008547009	118,815699658703
Toluene	1278	1.00	0,5	0,5	0,5	0,5	1,900865840955 18	2,457723577235 77	3,8875	9,147222222222 2
Xylenes (total o, m, p)	1780	2.00	1	1	1	1	1	1	1	1
Ethylbenzene	1497	1.00	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5
Linear or branched nonylphenols	6598	0.10	0,05	0,05	0,05	0,1326923076923 08	0,257639433594036	0,282679180887372	0,466319444444444	1,58314606741573
Monobutyltin cation	2542	0.02	0,014962790697674 4	0,034948717948717 9	0,074202614379085	0,089041666666666 7	0,168337235358001	0,141615384615385	0,307301587301587	0,97479674796748
Dibutyltin cation	7074	0.02	0,01	0,01	0,01	0,01	0,040769861242994 3	0,010429367290091 5	0,094419795221843	0,421869918699187
Tributyltin cation	2879	0.02	0,01	0,01	0,01	0,018569105691056 9	0,026963574195843 3	0,033145263157894 7	0,045986046511627 9	0,085

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0,72416	1,58224	2,56776	5,51008	18,279648	12,8368	57,6844	95,74544	365,59296	26,19	200	500
Copper and its compounds	1392	0,076	0,115392	0,51664	0,83352	3,8867836	1,37056	11,14764	26,91368	77,735672	34,62	200	500
Chrome and its compounds	1389	0	0	0,0978	0,2676	1,9122668	0,91368	6,76768	16,6248	38,245336	43,47	200	500
Lead and its compounds	1382	0	0	0,01652	0,12496	0,7057988	0,26072	1,94604	5,57008	14,115976	39,46	20	100
Toluene	1278	0	0	0	0	0,0290804	0,02148	0,06472	0,31172	0,581608	53,6	300	1000
Linear or branched nonylphenols	6598	0	0	0	3,52E-4	0,0053472	0,009808	0,013252	0,027784	0,106944	25,98	2	10
Monobutyltin cation	2542	0	2,184E-4	4,6764E-4	0,0010848	0,0040950 3	0,00705008	0,009592	0,01546144	0,0819006	18,88	300	500
Dibutyltin cation	7074	0	0	0	0	6,485304E-4	0	0,00247944	0,0044264	0,012970608	34,13	300	500
Tributyltin cation	2879	0	0	0	0	4,66408E-4	5,452E-4	0,00125952	0,0038256	0,00932816	41,01	2	5
Ethylbenzene	1497	0	0	0	0	0	0	0	0	0		300	1000
Xylenes (total o, m, p)	1780	0	0	0	0	0	0	0	0	0		300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
25 Plum drying plants	20	0	0	0	0

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
		0	0

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 3.1 Grouping, pre-treatment or treatment of hazardous waste

1 Sector data

99 sites
616 samples
43 substances in the Sector specific list

2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
alpha Hexachlorocyclohexane	1200	0,02	0	
Anthracene	1458	0,01	2	10
Arsenic and its compounds	1369	5	10	100
Cadmium and its compounds	1388	2	2	10
Methylene chloride	1168	5	20	100
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Diuron	1177	0,05	4	30
Fluoranthene	1191	0,01	4	30
gamma isomer Lindane	1203	0,02	2	5
Mercury and its compounds	1387	0,5	2	5
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Lead and its compounds	1382	5	20	100
Tetrachlorethylene	1272	0,5	2	5
Toluene	1278	1	300	1 000
Trichloroethylene	1286	0,5	2	5
Zinc and its compounds	1383	10	200	500
Atrazine	1107	0,03	4	30
Benzene	1114	1	20	100
Chloroform	1135	1	20	100
Decabromodiphenyl ether (BDE-209)	1815	0,05		
Dibutyltin cation	7074	0,02	300	500
Ethylbenzene	1497	1	300	1 000
Heptabromodiphenyl ether (BDE-183)	2910	0,05		
Hexabromodiphenyl ether (BDE-153)	2912	0,05		
Hexabromodiphenyl ether (BDE 154)	2911	0,05		
Isoproturon	1208	0,05	4	30

Monobutyltin cation	2542	0,02	300	500
OP1OE	6370	0,1	10	30
OP2OE	6371	0,1	10	30
p-octylphenols (mixture)	6600	0,1	10	30
Pentabromodiphenyl ether (BDE 100)	2915	0,05		
Pentabromodiphenyl ether (BDE 99)	2916	0,05		
Pentachlorophenol	1235	0,1	4	30
Simazine	1263	0,03	4	30
Tetrabromodiphenyl ether (BDE 47)	2919	0,05		

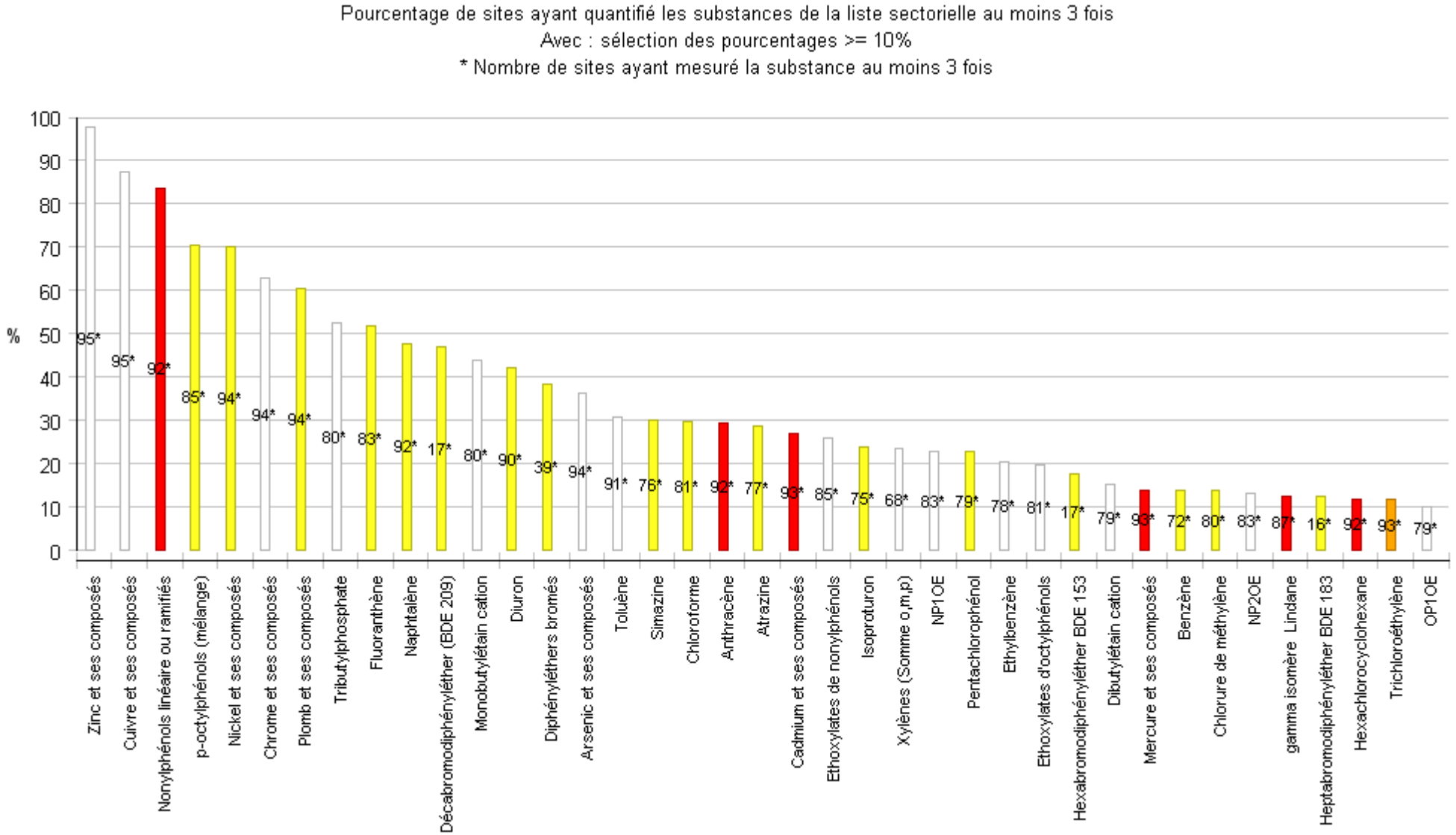
RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Tributyltin cation	2879	0,02	2	5
Tributyl phosphate	1847	0,1	300	2 000
Xylenes (total o, m, p)	1780	2	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	1,5	14,766493 5564532	49,290405 666452	135,50310 5590062	306,60056 2215449	325,55331 9919517	744,07142 8571428	2583,0804 3875686
Nickel and its compounds	1386	10.00	0	2,6924517 6999438	5,0300320 6543997	22,597591 5549639	127,43945 6204528	96,628998 7454916	303,68769 470405	1807,7736 6413549
Copper and its compounds	1392	5.00	1	4,1967487 662048	7,3404891 9020904	18,796624 8377326	50,691731 9667413	55,475860 4542262	134,64939 0243902	520,02631 5789474
Lead and its compounds	1382	5.00	0	1,9983277 5919732	2,6720408 9657884	7,8333333 3333333	23,992610 5777473	24,741822 4299065	57,426966 2921348	271,74897 510249
Chrome and its compounds	1389	5.00	0	1,75	2,7457727 0939835	7,5094404 6046424	16,966180 9328851	16,755518 1128896	43,226795 6707117	187,56813 159833
Methylene chloride	1168	5.00	0	0	2,5	2,5	115,06247 102907	4,9247491 638796	29,413291 3881243	7701,1917 2077189
Xylenes (total o, m, p)	1780	2.00	0	0,1	0,5	1	14,625718 6320454	1,9734995 0803542	24,5	705,98193 7602627
Arsenic and its compounds	1369	5.00	0	1,5	2,5	2,5112359 5505618	12,021199 5305763	8,0742358 0786026	18,905660 3773585	241,05434 7826087
Toluene	1278	1.00	0	0,1	0,3123602 9085856	0,74	23,358234 0511356	2,1451612 9032258	15,052247 2783826	789,65763 546798
Chloroform	1135	1.00	0	0	0,3166666 66666667	0,5	9,3076796 0258928	1,3977622 6539975	5,7262886 5979381	659,11041 7966313
Cadmium and its compounds	1388	2.00	0	0,4285714 28571429	0,5	1	4,7457295 1256506	1,3128013 8294969	5,6504849 5150485	176,22
Linear or branched nonylphenols	6598	0.10	0	0,05	0,0958728 32369942	0,4	2,4827951 6243288	1,5152679 1478373	3,9174226 8041237	69,854285 7142857
Ethylbenzene	1497	1.00	0	0,0973082 40593217 3	0,5	0,5	5,0268995 8154214	0,6763031 91489362	3,9083333 3333333	248,51724 137931
Tributyl phosphate	1847	0.10	0,01	0,0213351 11145715 7	0,055	0,1552433 80948048	3,5913068 7348278	0,8274182 24299066	3,685	156,70932 9067093
Naphthalene	1517	0.05	0	0,0139893 49112426	0,025	0,0573570 96433691 2	1,5710461 2911237	0,3551690 37311894	3,0830833 3333333	47,3235
Diuron	1177	0.05	0	0,0041916 16766467	0,0168814 93001555	0,046	1,6253145 6856448	0,3266666 66666667	2,7820782 5403067	80,566593 5013898

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

				07	2					
Nonylphenol ethoxylates	6366, 6369	0.10	0	0,02	0,1	0,1	0,962483007692749	0,2266666666666667	2,66680502219386	21,4272859216255
Benzene	1114	1.00	0	0	0,126519416257306	0,5	2,31410842912588	0,5	2,48546083158948	53,311379970934
NP2OE	6369		0	0	0,05	0,05	0,369758020907457	0,093125	0,87943722943723	4,50875576036866
Tetrachlorethylene	1272	0.50	0	0	0,1	0,25	1,46933112940208	0,25	0,834486992151605	49,5353260869565
NP1OE	6366		0	0,01	0,05	0,05	0,592724986785293	0,108	0,802067293270673	19,1642960812772
Trichloroethylene	1286	0.50	0	0,05	0,1	0,25	1,26359214486533	0,25	0,6	26,319397993311
Octylphenol ethoxylates	6370, 6371	0.10	0	0,016666666666667	0,1	0,1	0,307446578068001	0,133333333333333	0,499756097560975	4,9201171875
Pentachlorophenol	1235	0.10	0	0,01	0,049950491159135 6	0,05	0,492884404938922	0,093854972250022 7	0,498333333333333	20,433333333333
Simazine	1263	0.03	0	0,003565274395954 3	0,01	0,015	0,176331656892988	0,055934300674707 6	0,488461461644725	2,64286267902275
Mercury and its compounds	1387	0.50	0	0	0,05	0,145833333333333	0,346418994527574	0,25	0,484175139389964	6,7916666666667
Atrazine	1107	0.03	0	0,01	0,015	0,015552993779160 2	0,265716465207675	0,069820718306535 9	0,465518243661101	2,970541256 07407
Isoproturon	1208	0.05	0	0	0,0125	0,025	0,444406456 52728	0,101773399014778	0,361521164021164	12,553481595 0555
p-octylphenols (mixture)	6600	0.10	0	0,029335260115606 9	0,05	0,05	0,292873303492958	0,122495894909688	0,347619047619048	11,166997891 3064
OP2OE	6371		0	0,007180851063829 79	0,05	0,05	0,175543171326982	0,069637462235649 6	0,296666666666667	3,1126953125
Fluoranthene	1191	0.01	0	0,005	0,005	0,016607142857142 9	0,153801685 43	0,095774122268598 1	0,25640625	4,1233333333333
Brominated diphenyl ethers	1815, 2910, 2912,	0.05	0	0,008437064220183 49	0,05	0,13	0,307223784 14304	0,175	0,2275	6,897360448 80786

	2919, 2911, 2916, 2915									
OP1OE	6370		0	0	0,05	0,05	0,131903406741019	0,057545731707317 1	0,149971369359225	2,05
Decabromodiphenyl ether (BDE-209)	1815	0.50	0	0,003435229357798 16	0,025	0,025	0,29323100882108	0,07898	0,13375	6,81541374474054
Anthracene	1458	0.01	0	0,002678571428571 43	0,005	0,005000749925007 5	0,149786174673523	0,0275	0,119166666666667	8,571666666666667
Monobutyltin cation	2542	0.02	0	0	0,01	0,014889475579023 2	0,050835600279904 1	0,035120580660266 9	0,100070596070596	1,37864197530864
Dibutyltin cation	7074	0.02	0	0	0,005199199296943 66	0,01	0,023938280298278 9	0,016128677522859 8	0,042196531791907 5	0,398559825574622
Hexachlorocyclohexane	1200 ,1203	0.02	0	0	0,01	0,02	0,038570710185174 6	0,02	0,041666666666667	0,814286231884058
gamma isomer Lindane	1203	0.02	0	0	0,005	0,01	0,029365440428723 5	0,01	0,039	0,802427536231884
Heptabromodiphenyl ether BDE 183	2910	0.50	0	0	0,00184	0,015625	0,014703452778674 1	0,025	0,025	0,05056

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Substance or family substances	Sandre code	LQ «circulaire»	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Hexabromodiphenyl ether BDE 153	2912	0.50	0	0	0,00184	0,013657784011220 2	0,014817360502730 7	0,025	0,025	0,05056
Hexabromodiphenyl ether BDE 154	2911	0.50	0	0	0,00184	0,013657784011220 2	0,014391475851995 4	0,025	0,025	0,05056
Pentabromodiphenyl ether (BDE 100)	2915	0.50	0	0	0,0025	0,025	0,017411878243999 1	0,025	0,025	0,1
Pentabromodiphenyl ether (BDE 99)	2916	0.50	0	0	0,002671035386631 72	0,025	0,018496032831926 8	0,025	0,025	0,1
Tetrabromodiphenyl ether BDE 47	2919	0.50	0	0	0,0025	0,013657784011220 2	0,014515362274488 9	0,025	0,025	0,05056
Tributyltin cation	2879	0.02	0	0	0,004722443003555 74	0,01	0,012643868226606	0,010143418467583 5	0,017160493827160 5	0,20760490639122
alpha Hexachlorocyclohexane	1200		0	0	0,005	0,01	0,010841287000575 1	0,01	0,01	0,201150593005103

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	0,2081666666666667	1,2506666666666667	10,146384	42,6560733790986	23,056128	65,088333333333	975,546376	4222,95126453076	23,1	200	500
Nickel and its compounds	1386	0	0	0	0,3831666666666667	19,0828348881924	5,802804	28,65788	440,24151	1870,11781904286	23,54	20	100
Copper and its compounds	1392	0	1,4416666666667E-4	0,2118404	0,9268128	6,34672216274651	3,999552	11,6956	119,8606172	628,32549411190 5	19,08	200	500
Lead and its compounds	1382	0	0	0	0,107851256	2,3251111855034	1,69432	6,74325	46,919526666666767	227,8608961793 33	20,59	20	100
Methylene chloride	1168	0	0	0	0	4,61105387529412	0,02556	3,858710333333333	204,491284	391,9395794	52,17	20	100
Chrome and its compounds	1389	0	0	0	0,173486592	3,57768834638581	1,1578176	3,670114	157,4468352	350,6134579458 1	44,91	200	500
Arsenic and its compounds	1369	0	0	0	0	1,4559008444898	0,176	2,4048	26,087688	142,67828276	18,28	10	100
Toluene	1278	0	0	0	0	1,07946966317293	0,119333333333333	0,93	44,15084	102,5496180014 29	43,05	300	1000
Chloroform	1135	0	0	0	0	0,699407114291317	0,094	0,562	29,2012364	59,44960471476 19	49,12	20	100
Cadmium and its compounds	1388	0	0	0	0	0,747438866008836	0	0,4547232	16,4751392	72,5015700028571	22,72	2	10
Xylenes (total o, m, p)	1780	0	0	0	0	0,336826217746032	0,0134	0,35893332	8,856	24,25148767771 43	36,52	300	500
Diuron	1177	0	0	0	0	0,127442557974721	0,02293032	0,2713	5,603675133333333	11,979600449623 8	46,78	4	30

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Tributyl phosphate	1847	0	0	0	0,00351428571428571	0,201314769494898	0,0635104	0,259125	5,22416666666667	16,91044063757 14	30,89	300	2000
Ethylbenzene	1497	0	0	0	0	0,084513593893004 1	0	0,2169125	2,1175	6,845601105333 33	30,93	300	1000
Linear or branched nonylphenols	6598	0	0	0	0,012173	0,127119183418459	0,077151908	0,164579472	5,070354	12,330560791591 05	41,12	2	10
Benzene	1114	0	0	0	0	0,255961104069264	0	0,141504	10,34454	19,709005013333 33	52,49	20	100
Naphthalene	1517	0	0	0	0,0025908	0,087695975765277 8	0,015948255	0,068917	2,7258336	8,418813673466 67	32,38	20	100
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	0,052059897382594 4	0,006696	0,05295696	2,460566666666 67	4,529211072285 71	54,33	2	10
Atrazine	1107	0	0	0	0	0,023221308281010 5	0,00369	0,051014041666 6667	0,41589855	1,904147279042 86	21,84	4	30
Isoproturon	1208	0	0	0	0	0,052870755569047 6	0,002032823333333333	0,046176	1,757583666666 67	4,229660445523 81	41,55	4	30
Simazine	1263	0	0	0	0	0,019032381502116 4	0,0020684	0,0319125	0,36433224	1,541622901671 43	23,63	4	30
Pentachlorophenol	1235	0	0	0	0	0,020042937200803 2	0	0,028704	0,638848516666 667	1,663563787666 67	38,4	4	30
NP1OE	6366	0	0	0	0	0,032143269313628 9	1,542533333333 33E-4	0,02663996	2,2007	2,796464430285 71	78,7		
Trichloroethylene	1286	0	0	0	0	0,036156901219931 3	0	0,02620875	1,281	3,507219418333 33	36,52	2	5
NP2OE	6369	0	0	0	0	0,019916628068965 5	0	0,0244032	0,501621633333333	1,732746642	28,95		
p-octylphenols (mixture)	6600	0	0	0	0	0,017368080816012	0,0011378	0,022773333333	0,776701926666	1,580495354257	49,14	10	30

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

						6		3333	667	14			
Octylphenol ethoxylates	6370, 6371	0	0	0	0	0,009486091856794 43	0	0,019999853333 3333	0,1554	0,777859532257 143	19,98	10	30
Fluoranthene	1191	0	0	0	2,383333333333 33E-4	0,010114484522889 6	0,0036631392	0,0172233648	0,228845	0,8900746380142 86	25,71	4	30
Tetrachlorethylene	1272	0	0	0	0	0,109566864027778	0	0,015725	6,2922652	10,518418946666 7	59,82	2	5
Monobutyltin cation	2542	0	0	0	0	0,004756856844444 45	0,0024363648	0,01133514	0,1303375	0,399575974933 333	32,62	300	500
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0	0	0	0	0,005517479058803 99	2,918625E-4	0,007484571428 57143	0,0971878	0,237251599528 571	40,96	2	5
Decabromodiphenyl ether (BDE-209)	1815	0	0	0	0	0,005349414734199 13	4,533452E-4	0,005718172	0,0971878	0,176530686228 571	55,05		
OP2OE	6371	0	0	0	0	0,005596014933217 19	0	0,005508	0,1474412	0,458873224523 81	32,13		
OP1OE	6370	0	0	0	0	0,003890076923577 24	0	0,005484283333 33333	0,113775	0,318986307733 333	35,67		
Anthracene	1458	0	0	0	0	0,010040108843004 4	6,72E-4	0,0051726	0,4757275	0,973890557771 429	48,85	2	10
Dibutyltin cation	7074	0	0	0	0	9,56388054962708E-4	0	0,0011729664	0,04	0,079380208561 9048	50,39	300	500
Mercury and its compounds	1387	0	0	0	0	0,042395115841924 4	0	8,440333333333 34E-4	1,8341	4,112326236666 67	44,6	2	5
gamma isomer Lindane	1203	0	0	0	0	0,001842379231262 94	0	7,333666666666 67E-4	0,05418692	0,169498889276 19	31,97	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Hexachlorocyclohexane	1200,1203	0	0	0	0	0,002953352187869 67	0	7,333666666666 67E-4	0,15778028	0,280568457847619	56,24	2	5
alpha Hexachlorocyclohexane	1200	0	0	0	0	0,001194296436251 92	0	0	0,10359336	0,111069568571429	93,27		

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Heptabromodiphenyl ether BDE 183	2910	0	0	0	0	9,48689454545455E-5	0	0	0,0031306752	0,0031306752	100		
Hexabromodiphenyl ether BDE 153	2912	0	0	0	0	9,48689454545455E-5	0	0	0,0031306752	0,0031306752	100		
Hexabromodiphenyl ether BDE 154	2911	0	0	0	0	9,48689454545455E-5	0	0	0,0031306752	0,0031306752	100		
Pentabromodiphenyl ether (BDE 100)	2915	0	0	0	0	5,57050581395349E-4	0	0	0,018193175	0,023953175	75,95	2	5
Pentabromodiphenyl ether (BDE 99)	2916	0	0	0	0	5,77262797619048E-4	0	0	0,018193175	0,024245375	75,04	2	5
Tetrabromodiphenyl ether BDE 47	2919	0	0	0	0	9,48689454545455E-5	0	0	0,0031306752	0,0031306752	100		
Tributyltin cation	2879	0	0	0	0	3,56817611814346E-4	0	0	0,0178419744	0,0281885913333333	63,3	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
3.1 Grouping, pre-treatment or treatment of hazardous waste	99	26	26,2626	8	8,0808

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Arsenic and its compounds	1369	6	0
Cadmium and its compounds	1388	8	2
Methylene chloride	1168	4	1
Diuron	1177	1	0
Nonylphenol ethoxylates	6366, 6369	1	0
Nickel and its compounds	1386	17	6
Linear or branched nonylphenols	6598	1	0
Lead and its compounds	1382	3	0
Tetrachlorethylene	1272	2	1
Zinc and its compounds	1383	3	3
Chloroform	1135	1	0
		47	13

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Nickel and its compounds	1386	752,771111333333	1870,11781904286	40,25
Methylene chloride	1168	104,491284	391,9395794	26,66
Zinc and its compounds	1383	820,136854	4222,95126453076	19,42

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Cadmium and its compounds	1388	11,4716664	72,5015700028571	15,82
Tetrachlorethylene	1272	1,2922652	10,5184189466667	12,29
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 3.2 Non-hazardous waste storage facilities

1 Sector data

186 sites
1199 samples
25 substances in the Sector specific list

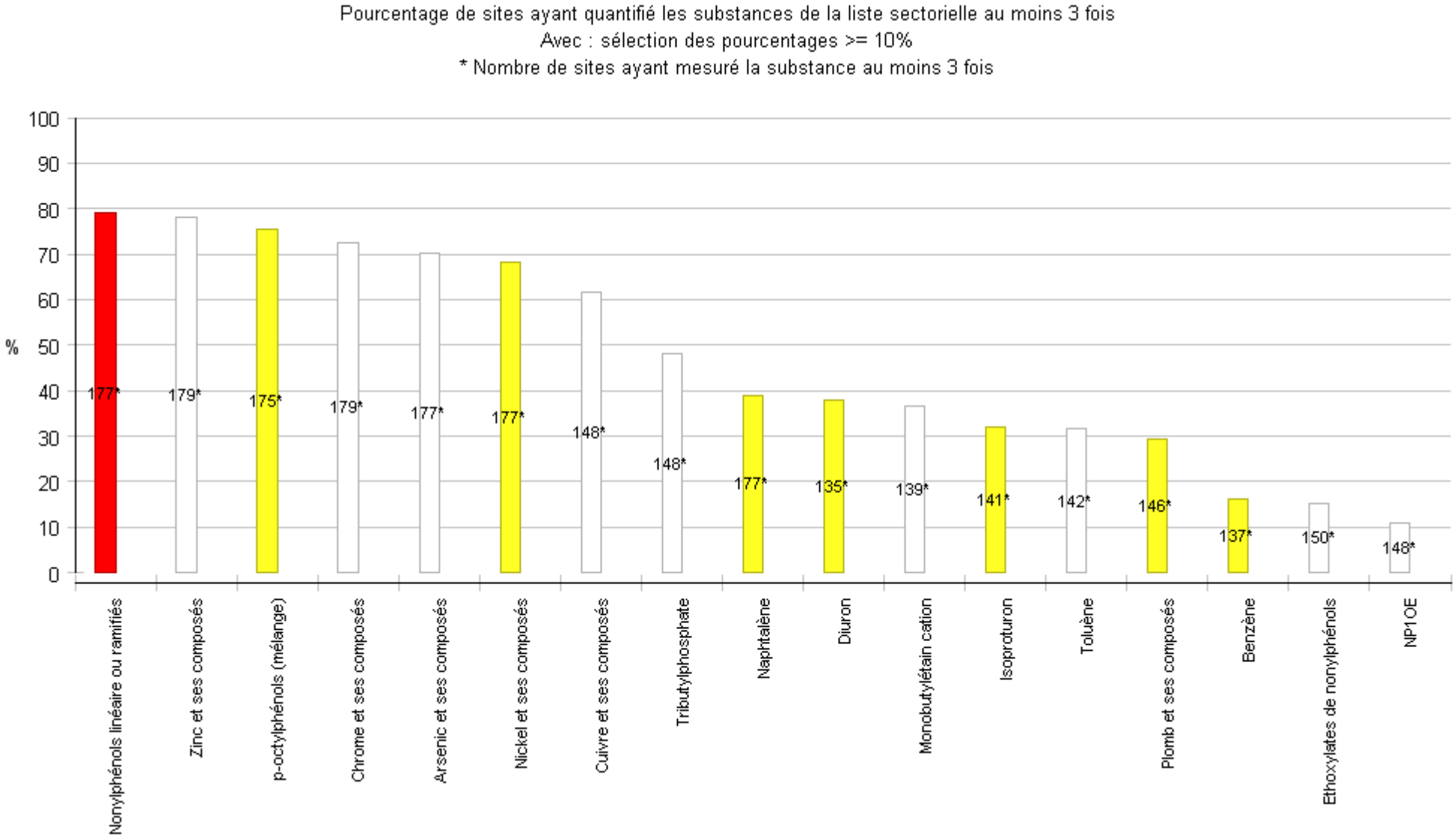
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring thresholds (g/j)	Reduction study thresholds (g/j)
Arsenic and its compounds	1369	5	10	100
Chrome and its compounds	1389	5	200	500
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
OP1OE	6370	0,1	10	30
OP2OE	6371	0,1	10	30
p-octylphenols (mixture)	6600	0,1	10	30
Zinc and its compounds	1383	10	200	500
alpha Hexachlorocyclohexane	1200	0,02	0	
Benzene	1114	1	20	100
Copper and its compounds	1392	5	200	500
Dibutyltin cation	7074	0,02	300	500
Diuron	1177	0,05	4	30
Isoproturon	1208	0,05	4	30
Mercury and its compounds	1387	0,5	2	5
Monobutyltin cation	2542	0,02	300	500
Pentachlorophenol	1235	0,1	4	30
Lead and its compounds	1382	5	20	100
Toluene	1278	1	300	1 000
Tributyltin cation	2879	0,02	2	5
Tributyl phosphate	1847	0,1	300	2 000
Trichloroethylene	1286	0,5	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Chrome and its compounds	1389	5.00	0,1666666 66666667	2,3132153 8507516	3,3385581 6029415	17,708548 1398913	151,68982 7908705	144,65527 9503106	425,95	2054,7931 0344828
Zinc and its compounds	1383	10.00	1,7816091 954023	5,4295751 9499774	11,906474 8201439	26,681661 4420063	92,636052 2260873	77,048429 1397997	212,05037 32176	1675,0877 1929825
Arsenic and its compounds	1369	5.00	0	1,5	3,0833333 3333333	20,366666 6666667	54,100568 4335854	57,666666 6666667	145,30199 0049751	613,89610 3896104
Nickel and its compounds	1386	10.00	0	2,498	5	23	54,951796 4468598	78,388437 072228	142,24788 2986913	382,00187 1902321
Copper and its compounds	1392	5.00	0	2,5	2,9166666 6666667	6,25	50,667169 3711773	20,132947 9768786	59,833333 3333333	5009,7709 9236641
Lead and its compounds	1382	5.00	0	0,5	2,5	2,5	10,461916 3186923	6,7586206 8965517	20,083333 3333333	264,96666 6666667
Toluene	1278	1.00	0	0,1	0,2916666 66666667	0,5	2,9426343 8083755	1,7002843 0629265	6,0829293 4502321	119,12280 7017544
Linear or branched nonylphenols	6598	0.10	0,02	0,05	0,0678066 33449091 5	0,3092429 57746479	2,3059103 3229881	1,4952124 6041682	5,4333333 3333333	78,276643 0534197
Benzene	1114	1.00	0	0,1	0,25	0,5	1,1519151 2718545	0,5	1,9666666 6666667	27,5
Tributyl phosphate	1847	0.10	0,0080138 76179331 76	0,0101459 45945945 9	0,0447694 25142135 2	0,0841395 77176631 1	0,4476887 85782164	0,3410526 31578947	0,876	18,47
p-octylphenols (mixture)	6600	0.10	0	0,045	0,05	0,05	0,2889743 56819764	0,1011896 17880317	0,511	13
Nonylphenol ethoxylates	6366, 6369	0.10	0	0,02	0,0752027 02702702 7	0,1	0,3806191 77520379	0,1133731 10947291	0,4626381 67532295	27,290697 6744186
Naphthalene	1517	0.05	0	0,01	0,025	0,0366666 66666666 7	0,5374970 39600355	0,1408349 12812737	0,4169075 14450867	76,403508 7719298
Diuron	1177	0.05	0	0,01	0,025	0,0278251 12107623 3	0,1526486 71661215	0,1127884 61538462	0,3714272 68581851	2,5133333 3333333
NP1OE	6366		0	0,01	0,025	0,05	0,2377877 01781499	0,05	0,3545608 10810811	17,451162 7906977
Isoproturon	1208	0.05	0	0,0073844	0,0166666	0,025	0,1511263	0,0845	0,2974416	2,2229860

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

				7653429603	666666667		34557849		0149609	9836066
Mercury and its compounds	1387	0.50	0	0	0,1	0,25	0,282745654768433	0,25	0,291666666666667	8,706140350087719
Trichloroethylene	1286	0.50	0	0	0,1	0,25	0,209951748549968	0,25	0,25	1,22456281947807
Monobutyltin cation	2542	0.02	0	0,005	0,01	0,01620147694022257	0,781242420722213	0,054333333333333	0,246573770491803	110
Octylphenol ethoxylates	6370, 6371	0.10	0	0,02	0,1	0,1	0,116389357355499	0,1	0,168333333333333	1,23081395348837
NP2OE	6369		0	0	0,05	0,05	0,142831475738879	0,05	0,12	9,83953488372093
OP1OE	6370		0	0,01	0,05	0,05	0,062036323334865 9	0,05	0,085067940605541 2	1,01976744186047
OP2OE	6371		0	0,008333333333333 33	0,05	0,05	0,054353034020633 3	0,05	0,07	0,650302971701154
Pentachlorophenol	1235	0.10	0	0,007853641855693 61	0,016666666666667	0,0366	0,039932115346587 5	0,05	0,061578566718427 6	0,3266666666666667
Dibutyltin cation	7074	0.02	0	0,00125	0,005	0,01	0,022878368521394 4	0,011358381502890 2	0,041666666666667	0,52
Tributyltin cation	2879	0.02	0	0	0,004919277552524 88	0,01	0,013237212628734 2	0,01	0,014402956785443 5	0,22583850931677
alpha Hexachlorocyclohexane	1200		0	0	0,005	0,01	0,015418065806316 8	0,01	0,01	1,12147540983607
Hexachlorocyclohexane	1200 ,1203	0.02	0	0	0,005	0,01	0,014585272662434 7	0,01	0,01	1,12147540983607

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Chrome and its compounds	1389	0	0	0	0,6192208	14,1793592520973	4,5318	13,83435	1325,184	2594,8227431338 1	51,07	200	500
Zinc and its compounds	1383	0	0	0,08275	0,994	18,203066368796	4,4128768	11,52116666666667	1636,971583333333	3312,958079120 88	49,41	200	500
Nickel and its compounds	1386	0	0	0	0,5112	5,27158993655291	2,6260348	7,176	408,96	948,8861885795 24	43,1	20	100
Arsenic and its compounds	1369	0	0	0	0,560441166666667	5,6378253387672	1,8399716666666 67	6,4694906666666 67	563,328	1014,808560978 1	55,51	10	100
Copper and its compounds	1392	0	0	0	0,1124166666666667	5,58481268566103	0,887336	2,6415833333333 33	341,2656	848,8915282204 76	40,2	200	500
Lead and its compounds	1382	0	0	0	0	1,09689718118421	0,1396666666666667	0,8391666666666 667	67,584	166,72837154	40,54	20	100
Linear or branched nonylphenols	6598	0	0	0	0,0122576	0,254434306601756	0,0940066666666 6667	0,389436	13,5168	45,54374088171 43	29,68	2	10
Toluene	1278	0	0	0	0	0,108218731980051	0,041406	0,2657353333333 333	2,899	16,01637233304 76	18,1	300	1000
Benzene	1114	0	0	0	0	0,035395350666666 7	0	0,0464075	1,876897256	5,0615351453333 33	37,08	20	100
p-octylphenols (mixture)	6600	0	0	0	0	0,019827813156039 8	0,004	0,038086	1,17504	3,5095229286190 5	33,48	10	30
Tributyl phosphate	1847	0	0	0	0	0,016863836354304 6	0,0102546	0,03286455	0,64645	2,5464392895	25,39	300	2000
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	0,031277086888888	0	0,032389533333	2,9568	4,691563033333	63,02	2	10

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

						9		3333		33			
Diuron	1177	0	0	0	0	0,006490351929599 18	0,0047525	0,021641666666 6667	0,118149533333333	0,902158918214286	13,1	4	30
Naphthalene	1517	0	0	0	0	0,015691338643537 4	0,00591936	0,021090525	0,725833333333333	2,855823633123 81	25,42	20	100
NP1OE	6366	0	0	0	0	0,024044383955555 6	0	0,017141833333 3333	2,496	3,606657593333 33	69,21		
Isoproturon	1208	0	0	0	0	0,008447555160919 54	0,0016362	0,013614	0,265898666666667	1,224895498333 33	21,71	4	30
Monobutyltin cation	2542	0	0	0	0	0,005030245212671 23	0,001422	0,007013333333 33333	0,341158866666667	0,73441580105	46,45	300	500
NP2OE	6369	0	0	0	0	0,007232702933333 33	0	0,0031488	0,4608	1,08490544	42,47		
Octylphenol ethoxylates	6370, 6371	0	0	0	0	0,004591845173537 87	0	0,00215175	0,3264	0,684184930857143	47,71	10	30
Dibutyltin cation	7074	0	0	0	0	5,1729039 1608392E-4	0	9,36E-4	0,013905833333 3333	0,073972526	18,8	300	500
alpha Hexachlorocyclohexane	1200	0	0	0	0	4,5807694 4444444E-5	0	0	0,002280333333 33333	0,006596308	34,57		
Hexachlorocyclohexane	1200 ,1203	0	0	0	0	6,4831768 5185185E-5	0	0	0,003423933333 33333	0,009335774666 66667	36,68	2	5
Mercury and its compounds	1387	0	0	0	0	0,001281387944444 44	0	0	0,082708333333 3333	0,192208191666 667	43,03	2	5
OP1OE	6370	0	0	0	0	0,002992805615212 53	0	0	0,3264	0,445928036666 667	73,2		
OP2OE	6371	0	0	0	0	0,001599039558325 34	0	0	0,142358333333 333	0,238256894190 476	59,75		
Pentachlorophenol	1235	0	0	0	0	6,6595117	0	0	0,06543	0,09856	66,39	4	30

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

						1171171E-4			4	07733333333			
Tributyltin cation	2879	0	0	0	0	0,001645507202797 2	0	0	0,225792	0,23530753	95,96	2	5
Trichloroethylene	1286	0	0	0	0	5,778899543379E-4	0	0	0,0364136	0,08437193333333333	43,16	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
3.2 Non-hazardous waste storage facilities	186	16	8,6022	3	1,6129

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Arsenic and its compounds	1369	13	1
Chrome and its compounds	1389	2	1
Nonylphenol ethoxylates	6366, 6369	1	0
Nickel and its compounds	1386	6	1
Linear or branched nonylphenols	6598	2	2
Zinc and its compounds	1383	2	2
Copper and its compounds	1392	1	0
Lead and its compounds	1382	2	0
		29	7

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Arsenic and its compounds	1369	463,328	1014,8085609781	45,66
Zinc and its compounds	1383	1180,71558333333	3312,95807912088	35,64
Nickel and its compounds	1386	308,96	948,886188579524	32,56
Chrome and its compounds	1389	825,184	2594,82274313381	31,8

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Linear or branched nonylphenols	6598	5,9367984	45,5437408817143	13,04
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 3.3 Household waste incineration plant

1 Sector data

49 sites
335 samples
23 substances in the Sector specific list

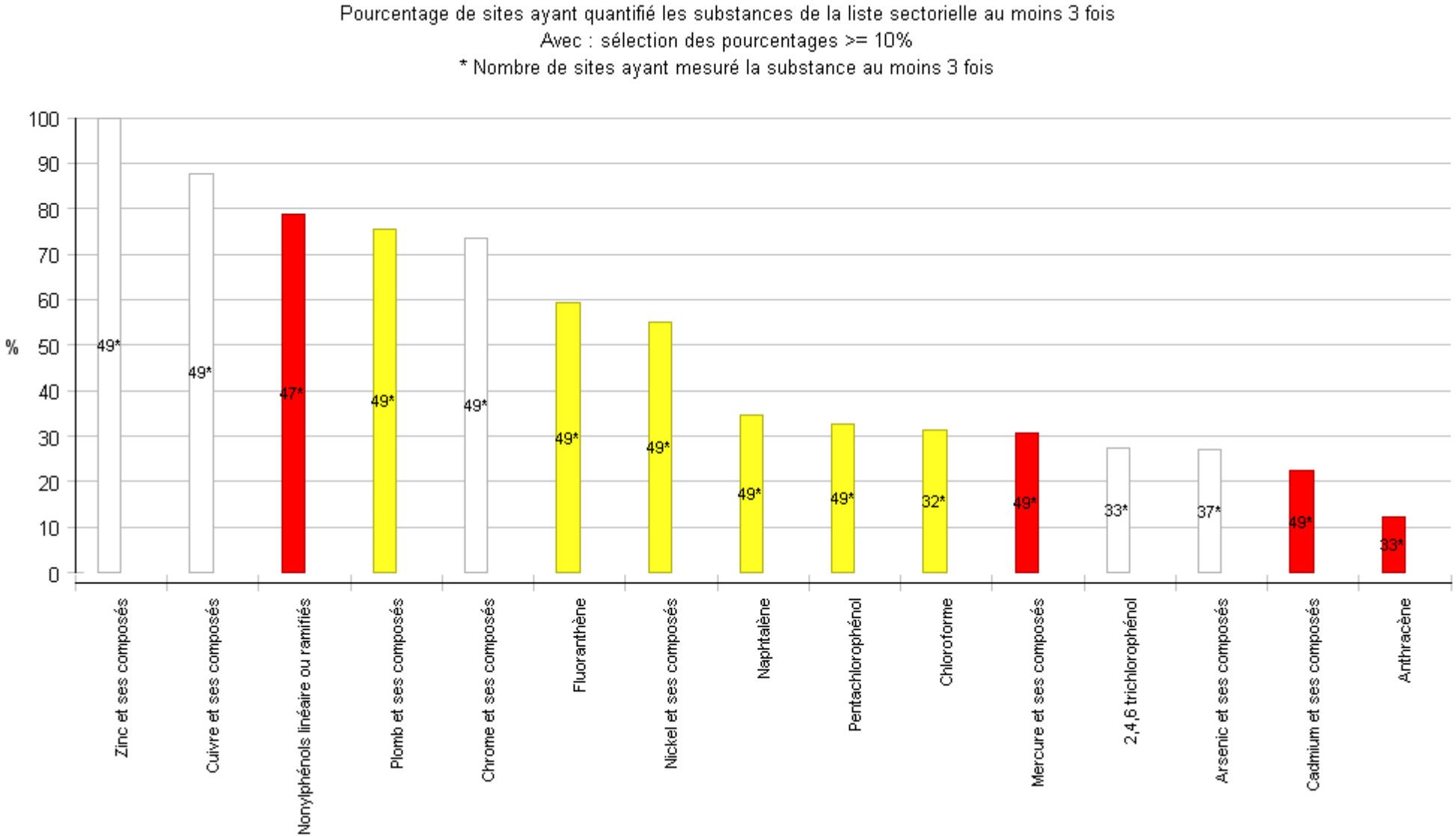
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Cadmium and its compounds	1388	2	2	10
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Fluoranthene	1191	0,01	4	30
Mercury and its compounds	1387	0,5	2	5
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Pentachlorophenol	1235	0,1	4	30
Lead and its compounds	1382	5	20	100
Zinc and its compounds	1383	10	200	500
2,4,6 Trichlorophenol	1549	0,1	300	500
Anthracene	1458	0,01	2	10
Arsenic and its compounds	1369	5	10	100
Chloroform	1135	1	20	100
gamma isomer Lindane	1203	0,02	2	5
Hexachlorobenzene	1199	0,01	2	5
Tetrachlorethylene	1272	0,5	2	5
Toluene	1278	1	300	1 000
Tributyl phosphate	1847	0,1	300	2 000
Trichloroethylene	1286	0,5	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	11,1331449018252	19,3724986477785	40,0885031608272	58,8988326848249	357,507890558215	176,675203306825	383,201637754552	11111,3482944345
Copper and its compounds	1392	5.00	0	2,5	11,8542851126553	21,282648823258	81,4247372970613	48,556420233463	174,144898234263	1036,11118130133
Lead and its compounds	1382	5.00	1,867173554713 02	2,5	3,83573858549687	9,91625106708002	52,564319 7671331	19,070457354759	67,024596580805	1334,43746259725
Chrome and its compounds	1389	5.00	1,077839458649 05	2,5	3,93701298701299	8,32484076433121	20,370007 9178285	21,545293 7460518	38,424296 8282466	245,436121774842
Nickel and its compounds	1386	10.00	0	3,6768149882904	5	7,8495575221239	18,6127112218424	14,111063426155	22,2274147465438	389,518003790272
Cadmium and its compounds	1388	2.00	0	0,5	1	1,16400517911092	19,0434982562141	3,05022622439566	14,3791192713784	842,005385996409
Arsenic and its compounds	1369	5.00	0,281030444964871	1,16358024691358	2,27611491369606	2,5	11,760917 4734735	3,6666666 6666667	8,29173259497746	276,400126342388
Mercury and its compounds	1387	0.50	0	0,059949710504549 2	0,241067387824935	0,25	2,76818465961792	0,776875	3,55743224398229	39,4535130710489
Chloroform	1135	1.00	0	0,042076991942703 7	0,331105469396766	0,5	1,28117868172096	1,15258890846443	1,9929520987245	12,9703170028818
Linear or branched nonylphenols	6598	0.10	0,035303768722410 8	0,05	0,070935233808452 1	0,19406790 1234568	0,741294425995968	0,886165520935631	1,95063595737367	5,80677317676143
2,4,6 Trichlorophenol	1549	0.10	0	0,007311250373022 98	0,040379494007989 4	0,05	0,806411293911931	0,260888110447146	0,922949564695287	14,4334419401608
Pentachlorophenol	1235	0.10	0	0,01	0,05	0,05	5,51513078108968	0,113193592894056	0,729008645533141	302,118773176226
Toluene	1278	1.00	0	0,1	0,195729587302577	0,5	0,836225670255132	0,5	0,703170028818444	11,8132497761862
Tetrachlorethylene	1272	0.50	0	0	0,1	0,25	0,230529122870553	0,25	0,267969467172221	1,20924194567277
Trichloroethylene	1286	0.50	0	0	0,1	0,25	0,184097210511454	0,25	0,25	0,34798859201441
Naphthalene	1517	0.05	0,005	0,019471422663358	0,025	0,03416666666666	0,212779116377967	0,085754098360655	0,185141232794734	4,33527074361183

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

				2		7		7		
Nonylphenol ethoxylates	6366, 6369	0.10	0	0,02	0,1	0,1	0,544101860682159	0,117969156125455	0,15	17,8030845460227
Fluoranthene	1191	0.01	0	0,005	0,00644480519480519	0,02	0,122535053628865	0,042012909036325 4	0,094331210191082 8	4,96587411715181
Tributyl phosphate	1847	0.10	0,009177786763714 79	0,01	0,011454653175135 3	0,05	0,100915558297324	0,057833228048010 1	0,082879377431906 6	1,33489688420677
NP1OE	6366		0	0,006099935608499 68	0,05	0,05	0,488505789973588	0,059404492521662 4	0,081457832260066 7	17,753084 5460227
NP2OE	6369		0	0,01	0,05	0,05	0,05695207243317	0,05	0,072377419183043 1	0,347175046052927
Anthracene	1458	0.01	0	3,061927483335077E-6	0,005	0,005	0,025204751824801 8	0,008377200835571 47	0,020975221238938 1	0,511186173778824
Hexachlorocyclohexane	1200 ,1203	0.02	0	0	0,005	0,01	0,009050509482026 16	0,01	0,01312	0,051183909592358 4
gamma isomer Lindane	1203	0.02	0	0	0,005	0,01	0,009274689021396 76	0,01	0,01	0,051183909592358 4
Hexachlorobenzene	1199	0.01	0	0	0,005	0,005	0,004321758869207 96	0,005	0,005461046601342 49	0,010724565756823 8

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0,121096	0,5454366666666667	1,946	8,397543333333333	52,9138689171316	33,43968	90,694217142857071	1055,22320021486	2592,779576939045	40,7	200	500
Lead and its compounds	1382	0	0	0,021728333333333333	0,762524	7,68960129977648	5,668	30,2511582	67,778735	376,79046368904848	17,99	20	100
Copper and its compounds	1392	0	0	0,468	3,68956	8,97599469939261	11,865536444	18,432045	120,00395948571414	439,82374027023828	27,28	200	500
Chrome and its compounds	1389	0	0	0	0,90145	2,77202309355685	2,87002	6,26108	24,818475	135,82913158428686	18,27	200	500
Nickel and its compounds	1386	0	0	0	0	2,34893876596696	0,872308333333333333	4,68776	24,358388571428686	115,09799953238181	21,16	20	100
Arsenic and its compounds	1369	0	0	0	0	1,9385946297807	0	3,466998333333333333	28,233333333333333333	73,666595931666767	38,33	10	100
Cadmium and its compounds	1388	0	0	0	0	1,28193317389699	0,172216666666666667	2,24171496	23,44985	62,814725520952524	37,33	2	10
Mercury and its compounds	1387	0	0	0	0	1,25431081467444	0,023542583333333333	1,225262	47,247309942857071	61,461229919047676	76,87	2	5
Chloroform	1135	0	0	0	0	0,34165680015625	0,0063688	0,360921925	6,5912832	10,933017605	60,29	20	100
2,4,6 Trichlorophenol	1549	0	0	0	0	0,441244529177008	0,038117088	0,32154	11,987438834285757	14,561069462846413	82,33	300	500
Linear or branched nonylphenols	6598	0	0	0	0,015658931666666667	0,174832480213624	0,07940752	0,268376833333333333	2,8334512	8,391959050253097	33,76	2	10
Pentachlorophenol	1235	0	0	0	0	0,657700772249757	0,02110152	0,19674056	29,058790666666667	32,227337840238181	90,17	4	30

Tributyl phosphate	1847	0	0	0	0	0,026399723655914	0	0,04029616	0,600461583333333	0,818391433333333	73,37	300	2000
Naphthalene	1517	0	0	0	0	0,026227592720304 8	0,006919583333 33333	0,02838	0,724787904	1,285152043294 93	56,4	20	100
Fluoranthene	1191	0	0	0	6,7955E -4	0,035292055368939 4	0,006980466432	0,025043851666 6667	1,2740248	1,729310713078 03	73,67	4	30
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	0,048178106617647 1	0	0,004675028333 33333	1,5908184	1,638055625	97,12	2	10
Anthracene	1458	0	0	0	0	0,005650105051757 42	0	0,001365231628 8	0,13114788	0,192103571759 752	68,27	2	10
gamma isomer Lindane	1203	0	0	0	0	7,62206451612903E- 4	0	0	0,0104695	0,0236284	44,31	2	5
Hexachlorobenzene	1199	0	0	0	0	1,04564516129032E- 4	0	0	0,0032415	0,0032415	100	2	5
Hexachlorocyclohexane	1200 ,1203	0	0	0	0	8,90360416666667E- 4	0	0	0,0104695	0,028491533333333	36,75	2	5
NP1OE	6366	0	0	0	0	0,047883802352941 2	0	0	1,5908184	1,62804928	97,71		
NP2OE	6369	0	0	0	0	2,94304264705882E- 4	0	0	0,005151383333333333	0,010006345	51,48		
Tetrachlorethylene	1272	0	0	0	0	3,21565885416667E- 4	0	0	0,008694916666666667	0,010290108333333	84,5	2	5
Toluene	1278	0	0	0	0	0,032348739393939 4	0	0	0,5204064	1,0675084	48,75	300	1000
Trichloroethylene	1286	0	0	0	0	0	0	0	0	0		2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
3.3 Household waste incineration plant	49	15	30,6122	3	6,1224

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Cadmium and its compounds	1388	6	2
Mercury and its compounds	1387	2	2
Nickel and its compounds	1386	3	0
Linear or branched nonylphenols	6598	1	0
Pentachlorophenol	1235	1	0
Lead and its compounds	1382	8	0
Zinc and its compounds	1383	3	1
Arsenic and its compounds	1369	2	0
		26	5

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Mercury and its compounds	1387	42,9460339428571	61,4612299190476	69,87
Cadmium and its compounds	1388	25,0366032342857	62,8147255209524	39,86
Zinc and its compounds	1383	555,223200214857	2592,77957693945	21,41

Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 3.4 Washing of cisterns

1 Sector data

38 sites
235 samples
43 substances in the Sector specific list

2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Anthracene	1458	0,01	2	10
Benzene	1114	1	20	100
Biphenyl	1584	0,05	300	2 000
Cadmium and its compounds	1388	2	2	10
Chloroform	1135	1	20	100
Methylene chloride	1168	5	20	100
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Ethylbenzene	1497	1	300	1 000
Fluoranthene	1191	0,01	4	30
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Lead and its compounds	1382	5	20	100
Tetrachlorethylene	1272	0,5	2	5
Toluene	1278	1	300	1 000
Trichloroethylene	1286	0,5	2	5
Xylenes (total o, m, p)	1780	2	300	500
Zinc and its compounds	1383	10	200	500
1,2 dichloroethane	1161	2	20	100
Arsenic and its compounds	1369	5	10	100
Atrazine	1107	0,03	4	30
Chlorobenzene	1467	1	300	1 000
Decabromodiphenyl ether (BDE-209)	1815	0,05		
Dibutyltin cation	7074	0,02	300	500
Diuron	1177	0,05	4	30
gamma isomer Lindane	1203	0,02	2	5
Heptabromodiphenyl ether (BDE-183)	2910	0,05		
Hexabromodiphenyl ether (BDE-153)	2912	0,05		
Hexabromodiphenyl ether (BDE 154)	2911	0,05		
Isopropylbenzene	1633	1	300	1 000
Monobutyltin cation	2542	0,02	300	500

Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Pentabromodiphenyl ether (BDE 100)	2915	0,05		
Pentabromodiphenyl ether (BDE 99)	2916	0,05		
Pentachlorobenzene	1888	0,02	2	5
Pentachlorophenol	1235	0,1	4	30
Simazine	1263	0,03	4	30
Tetrabromodiphenyl ether (BDE 47)	2919	0,05		

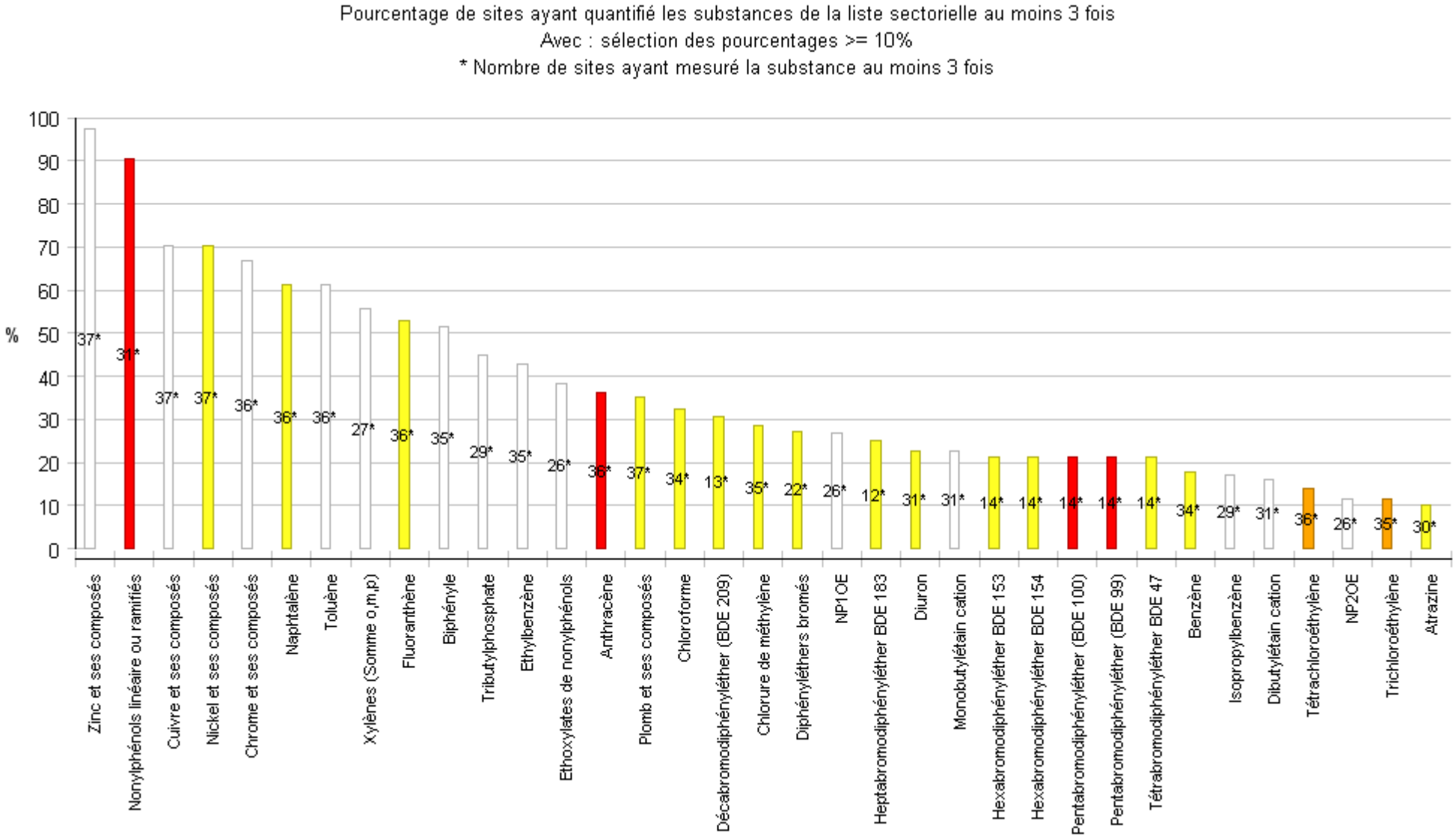
RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Carbon tetrachloride	1276	0,5	2	5
Tributyltin cation	2879	0,02	2	5
Tributyl phosphate	1847	0,1	300	2 000

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	4,97322060161013	18,4534161490683	55,2940415523324	130,993026957127	365,510736075754	367,824	1196,39579822971	1955,41732979664
Xylenes (total o, m, p)	1780	2.00	0	0,339130434782609	1	7,30785	151,102433553408	64,8676117911566	316,547497512177	2009,812166726619
Methylene chloride	1168	5.00	0	0	1,44769115921937	4,67469887858231	463,691257599098	11,8578566075443	222,658547689506	11088,4048465985
Nickel and its compounds	1386	10.00	0,961538461538462	3,992	7,03632887189293	28,2022471910112	89,9774933306108	77,5773188405797	221,404501545595	1250,25
Toluene	1278	1.00	0	0,153551429413498	0,4	10,4754716981132	123,468016030759	51,2551984877127	157,808231202944	2066,56477049823
Ethylbenzene	1497	1.00	0	0	0,25	2,05849056603774	26,7506958925578	12,3807179285995	90,6073932441045	267,09149408814
Copper and its compounds	1392	5.00	0,458074534161491	2,5	5,95833333333333	11,0556802299258	47,4808900125486	36,3071895424837	58,1739130434783	640,490638683376
Chrome and its compounds	1389	5.00	0	0,539136458092819	3,75581395348837	6,1171243624951	17,5646333683946	15,8848451587613	35,6449385443999	143,178857390175
Naphthalene	1517	0.05	0	0	0,025	0,837211711089628	12,6308237210135	7,4464977692798	29,4740962656471	181,269050731125
Lead and its compounds	1382	5.00	0	0	0,529820168449807	2,5	12,5062870087867	7,54753722794 96	25,1	160,736609955892
Chloroform	1135	1.00	0	0	0,310662485299882	0,624844634718961	31,9540272861495	2,1461561 8353084	12,9363971088881	959,484482758621
Linear or branched nonylphenols	6598	0.10	0,025	0,069725805908310 1	0,140922655957794	0,682131661442006	5,82255151464542	2,8503033 9202228	10,9998101039054	81,1439130434782
Tributyl phosphate	1847	0.10	0	0,023333333333333 3	0,05	0,109519885345754	1,25675949017295	0,4551026 57004831	4,42411468178954	13,1951969041657
Isopropylbenzene	1633	1.00	0	0	0,073655045024243 8	0,5	3,8232608437878	0,7338364 86136305	3,382797731569	69,1754793900045
Arsenic and its compounds	1369	5.00	0	0	0,5	1,86629213483146	1,72849971826485	2,5	2,97195967233774	7,32608695652174
Tetrachlorethylene	1272	0.50	0	0	0	0,25	2,09850753624578	0,25	2,75727657004831	28,4275043209553
Benzene	1114	1.00	0	0	0,0601934	0,25	0,8893364	0,6242955	2,4837191	7,6634659

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

					790397707		9869458	06473724	0553158	2992196
Biphenyl	1584	0.05	0	0	0,019646347138203 8	0,085599465444826 3	1,500989700041146	0,675833333333333	2,41313319825104	18,5878266411727
Nonylphenol ethoxylates	6366, 6369	0.10	0	0	0,081448451587612 7	0,1	1,29525622765943	0,764776917312016	1,94942465607337	12,5382658545324
Chlorobenzene	1467	1.00	0	0	0	0,5	20,5113092040989	0,5	1,36066348353725	578,80025
Trichloroethylene	1286	0.50	0	0	0	0,25	0,889210238692464	0,25	1,26545306009961	9,93501373087485
NP2OE	6369		0	0	0,010596403368996 1	0,05	0,788608963265972	0,190287284536598	1,20879339500647	9,03798127736675
1,2 dichloroethane	1161	2.00	0	0	0	0,5	5,27195113974607	1	1,07794549537877	115,061916685636
NP1OE	6366		0	0	0,05	0,059390968098329	0,506647264393455	0,496673597489211	1,06749779346867	5,47310999641705
Cadmium and its compounds	1388	2.00	0	0	0	0,5	0,713239167109902	1	1	4,92607742348299
Carbon tetrachloride	1276	0.50	0	0	0	0,25	0,446910808773672	0,25	0,352549510585022	7,84098889286994
Diuron	1177	0.05	0	0	0	0,017914725904693 7	10,3458422131947	0,069638403990024 9	0,303481906443072	314,627826086957
Anthracene	1458	0.01	0	0	0,005	0,005960407683261 47	0,078476578066577 4	0,074583333333333 3	0,297548492987168	0,464394156726559
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0.05	0	0	2,2E-6	0,106469482366943	0,135089263196132	0,175	0,240286784689718	0,65
Fluoranthene	1191	0.01	0	0,001769124532623 71	0,005929390997352 16	0,019364138689572 1	0,058551787625456 1	0,032608695652173 9	0,206858490566038	0,57271195478298
Dibutyltin cation	7074	0.02	0	0	0	0,008391177306245	0,053510468828776	0,012743947957769	0,141459640770396	0,45656512605042

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

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Monobutyltin cation	2542	0.02	0	0	0	0,0105	0,151758554104721	0,026725816922744	0,058680759584378 4	3,85776699029126
Pentachlorophenol	1235	0.10	0	0	0	0,019670470299669 4	0,028755583136016	0,05	0,056191222570532 9	0,11284289276808
Decabromodiphenyl ether (BDE-209)	1815	0.50	0	0	5,5E-7	0,025	0,057547461034034	0,028	0,054893711248892 8	0,5
Atrazine	1107	0.03	0	0	0	0,0125	3,25008943956742	0,015	0,048076741962844 6	97,1065217391304
Simazine	1263	0.03	0	0	0	0,0125	0,033541483949065 7	0,015	0,036932130247155 7	0,575586034912718
Heptabromodiphenyl ether BDE 183	2910	0.50	0	0	0	0,010526910900045 2	0,013322375741181 5	0,025	0,025	0,04992
Hexabromodiphenyl ether BDE 153	2912	0.50	0	0	0	0,012677295510291 1	0,013294328774621	0,025	0,025	0,04992
Hexabromodiphenyl ether BDE 154	2911	0.50	0	0	0	0,012677295510291 1	0,013294328774621	0,025	0,025	0,04992
Pentabromodiphenyl ether (BDE 100)	2915	0.50	0	0	0	0,012677295510291 1	0,014222325495683	0,025	0,025	0,04992

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Pentabromodiphenyl ether (BDE 99)	2916	0.50	0	0	0	0,012677295510291	0,014222325495683	0,025	0,025	0,04992
Tetrabromodiphenyl ether BDE 47	2919	0.50	0	0	0	0,013175183455637	0,013504139087551	0,025	0,025	0,04992
Tributyltin cation	2879	0.02	0	0	0	0,01	0,013417998329684	0,01	0,010843553375279	0,173962345812595
gamma isomer Lindane	1203	0.02	0	0	0	0,003167324304148	0,014004790332112	0,01	0,01	0,278936282651366
Hexachlorocyclohexane	1200 ,1203	0.02	0	0	0	0,002698574338085	0,018922475347	0,01	0,01	0,278936282651366
Pentachlorobenzene	1888	0.02	0	0	0	0,002119280673799	0,014668459419796	0,01	0,01	0,278936282651366

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	0,3622	2,3232	5,165003333333333	16,1208271917281	11,484901166666667	35,4485	110,57885	596,4706060939039	18,54	200	500
Methylene chloride	1168	0	0	0	0	10,2201867516667	0,791116666666667	16,302316666666667	149,88860166666667	357,7065363083333	41,9	20	100
Xylenes (total o, m, p)	1780	0	0	0	0,1169256	6,58677460691358	4,27016	10,07306895	89,3964452	177,8429143866667	50,27	300	500
Nickel and its compounds	1386	0	0	0	0,857101333333333	4,4690509018837	3,9122355	6,714783333333333	50,01	165,3548833696997	30,24	20	100
Toluene	1278	0	0	0	0,1443616	7,98116098470959	2,283728	5,316533333333333	135,64456	287,3217954495545	47,21	300	1000
Ethylbenzene	1497	0	0	0	0,0339	1,37830529068831	0,758000333333333	2,935151441666667	12,424206	48,2406851740909	25,75	300	1000
Copper and its compounds	1392	0	0	0,1229275	0,4262	1,64376502416052	1,185166666666667	2,65028	28,27979666666667	60,819305893939394	46,5	200	500
Naphthalene	1517	0	0	0	0,01474125	0,514307069946128	0,313318366666667	1,151528483333333	6,07432589	18,515054518060606	32,81	20	100
Lead and its compounds	1382	0	0	0	0	0,567396661425061	0,32945	0,891375	10,20356	20,993676472727273	48,6	20	100
Chrome and its compounds	1389	0	0	0	0,240568833333333	0,962639221717172	0,537550333333333	0,80444	22,054316666666667	34,655011981818182	63,64	200	500
Chloroform	1135	0	0	0	0	0,907837826782531	0,08406	0,411657716666667	24,486044	30,866486110606061	79,33	20	100
Linear or branched nonylphenols	6598	0	0	0,003206666666	0,019755	0,281157507528409	0,1557039	0,32888	6,175912666666	8,997040240909	68,64	2	10

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

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Tributyl phosphate	1847	0	0	0	0,00332 75	0,0756111 17732497 4	0,01546 8833333 3333	0,27732 75	0,96610 8333333 333	2,19272 2414242 42	44,06	300	2000
Isopropylbenzene	1633	0	0	0	0	0,2543864 06896552	0	0,14402 8633333 333	3,73876 6666666 67	7,37720 58	50,68	300	1000
Tetrachlorethylene	1272	0	0	0	0	0,1533187 77314815	0	0,10713 9583333 333	3,57972 5	5,51947 5983333 33	64,86	2	5
Benzene	1114	0	0	0	0	0,0300969 01421568 6	0	0,09892 3333333 3333	0,24386 4258333 333	1,02329 4648333 33	23,83	20	100
Trichloroethylene	1286	0	0	0	0	0,0381147 70714285 7	0	0,09306 5	0,5326	1,33401 6975	39,92	2	5
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	0,0544158 03525641	0,03046 6258333 3333	0,05336 8466666 6667	0,58323 8333333 333	1,41481 0891666 67	41,22	2	10
Biphenyl	1584	0	0	0	0,00373 6416666 66667	0,0649192 60290909 1	0,03678 9991666 6667	0,04834 95	1,02140 8	2,27217 4110181 82	44,95	300	2000
Chlorobenzene	1467	0	0	0	0	0,3506700 47619048	0	0,04559 5833333 3333	9,26080 4	9,81876 1333333 33	94,32	300	1000
NP2OE	6369	0	0	0	0	0,0340073 27243589 7	0,00442 445	0,04050 6666666 6667	0,39905 7	0,88419 0508333 333	45,13		
NP1OE	6366	0	0	0	0	0,0204084 76282051 3	0,02015 7916666 6667	0,03130 7083333 3333	0,25459 0833333 333	0,53062 0383333 333	47,98		
Carbon tetrachloride	1276	0	0	0	0	0,0155847 35483871	0	0,02796 8466666 6667	0,36473 6666666 667	0,48312 68	75,5	2	5
Diuron	1177	0	0	0	0	0,1148977 96783969	0,00133 292	0,02253 6666666 6667	2,15343 45	3,56183 1700303 03	60,46	4	30
Anthracene	1458	0	0	0	0	0,0041532 23987785 18	0,00298 3333333 33333	0,00997 085	0,04356 6	0,14951 6063560 267	29,14	2	10
Dibutyltin cation	7074	0	0	0	0	0,0022516	0	0,00724	0,02415	0,06979	34,61	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

						0376344086		4166666666667	633333333333	971666666667			
Atrazine	1107	0	0	0	0	0,019196471883838 4	0	0,00564 9321666 66667	0,40608 1818181 818	0,57589 4156515 151	70,51	4	30
Decabromodiphenyl ether (BDE-209)	1815	0	0	0	0	0,0027826 48373015 87	0	0,0048	0,04611 42	0,05843 5615833 3333	78,91		
Fluoranthene	1191	0	0	0	3,06929 E-4	0,0023005 76485269 36	9,97133 3333333 33E-4	0,00479 0716666 66667	0,03452 45	0,08282 0753469 697	41,69	4	30
Monobutyltin cation	2542	0	0	0	0	0,0038861 77311827 96	8,3425E -4	0,00411 6666666 66667	0,07284 75	0,12047 1496666 667	60,47	300	500
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0	0	0	0	0,0026561 64356060 61	0	0,00206 5833333 33333	0,04611 42	0,05843 5615833 3333	78,91	2	5
Simazine	1263	0	0	0	0	0,0019819 21666666 67	0	0,00156 9	0,03692 96	0,05945 765	62,11	4	30
1,2 dichloroethane	1161	0	0	0	0	0,3242863 27011494	0	0	8,42445	9,40430 3483333 33	89,58	20	100
Arsenic and its compounds	1369	0	0	0	0	9,2837465 5647383E- 4	0	0	0,03063 6363636 3636	0,03063 6363636 3636	100	10	100
Cadmium and its compounds	1388	0	0	0	0	0,0062676 49909909 91	0	0	0,15491 6666666 667	0,23190 3046666 667	66,8	2	10
gamma isomer Lindane	1203	0	0	0	0	4,5751888 8888889E- 4	0	0	0,01231 5966666 6667	0,01372 5566666 6667	89,73	2	5
Heptabromodiphenyl ether BDE 183	2910	0	0	0	0	0	0	0	0	0			
Hexabromodiphenyl ether BDE 153	2912	0	0	0	0	0	0	0	0	0			
Hexabromodiphenyl	2911	0	0	0	0	0	0	0	0	0			

ether BDE 154													
Hexachlorocyclohexane	1200,1203	0	0	0	0	9,080511111111111E-4	0	0	0,024631933333333	0,027241533333333	90,42	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Pentabromodiphenyl ether (BDE 100)	2915	0	0	0	0	0	0	0	0	0		2	5
Pentabromodiphenyl ether (BDE 99)	2916	0	0	0	0	0	0	0	0	0		2	5
Pentachlorobenzene	1888	0	0	0	0	4,52641666666667E-4	0	0	0,012315966666667	0,012673966666667	97,18	2	5
Pentachlorophenol	1235	0	0	0	0	2,49655172413793E-4	0	0	0,00724	0,00724	100	4	30
Tetrabromodiphenyl ether BDE 47	2919	0	0	0	0	0	0	0	0	0			
Tributyltin cation	2879	0	0	0	0	0,001026269247311 83	0	0	0,026796	0,031814346666667	84,23	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
3.4 Washing of cisterns	38	8	21,0526	1	2,6316

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Chloroform	1135	1	0
Methylene chloride	1168	4	1
Nickel and its compounds	1386	3	0
Tetrachlorethylene	1272	1	0
Linear or branched nonylphenols	6598	1	0
		10	1

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Methylene chloride	1168	49,8886016666667	357,706536308333	13,95

Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector: 3.5 Other non-hazardous waste treatment sites

1 Sector data

90 sites
585 samples
44 substances in the Sector specific list

2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Anthracene	1458	0,01	2	10
Arsenic and its compounds	1369	5	10	100
Cadmium and its compounds	1388	2	2	10
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Mercury and its compounds	1387	0,5	2	5
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Pentachlorophenol	1235	0,1	4	30
Lead and its compounds	1382	5	20	100
Tributyl phosphate	1847	0,1	300	2 000
Zinc and its compounds	1383	10	200	500
alpha Hexachlorocyclohexane	1200	0,02	0	
Atrazine	1107	0,03	4	30
Biphenyl	1584	0,05	300	2 000
Chloroform	1135	1	20	100
Decabromodiphenyl ether (BDE-209)	1815	0,05		
Dibutyltin cation	7074	0,02	300	500
Diuron	1177	0,05	4	30
Ethylbenzene	1497	1	300	1 000
gamma isomer Lindane	1203	0,02	2	5
Heptabromodiphenyl ether (BDE-183)	2910	0,05		
Hexabromodiphenyl ether (BDE-153)	2912	0,05		
Hexabromodiphenyl ether (BDE 154)	2911	0,05		
Hexachlorobutadiene	1652	0,5	2	10
Isoproturon	1208	0,05	4	30
Monobutyltin cation	2542	0,02	300	500
OP1OE	6370	0,1	10	30

OP2OE	6371	0,1	10	30
p-octylphenols (mixture)	6600	0,1	10	30
PCB 153	1245	0,01		
Pentabromodiphenyl ether (BDE 100)	2915	0,05		
Pentabromodiphenyl ether (BDE 99)	2916	0,05		
Simazine	1263	0,03	4	30
Tetrabromodiphenyl ether (BDE 47)	2919	0,05		
Tetrachlorethylene	1272	0,5	2	5
Carbon tetrachloride	1276	0,5	2	5

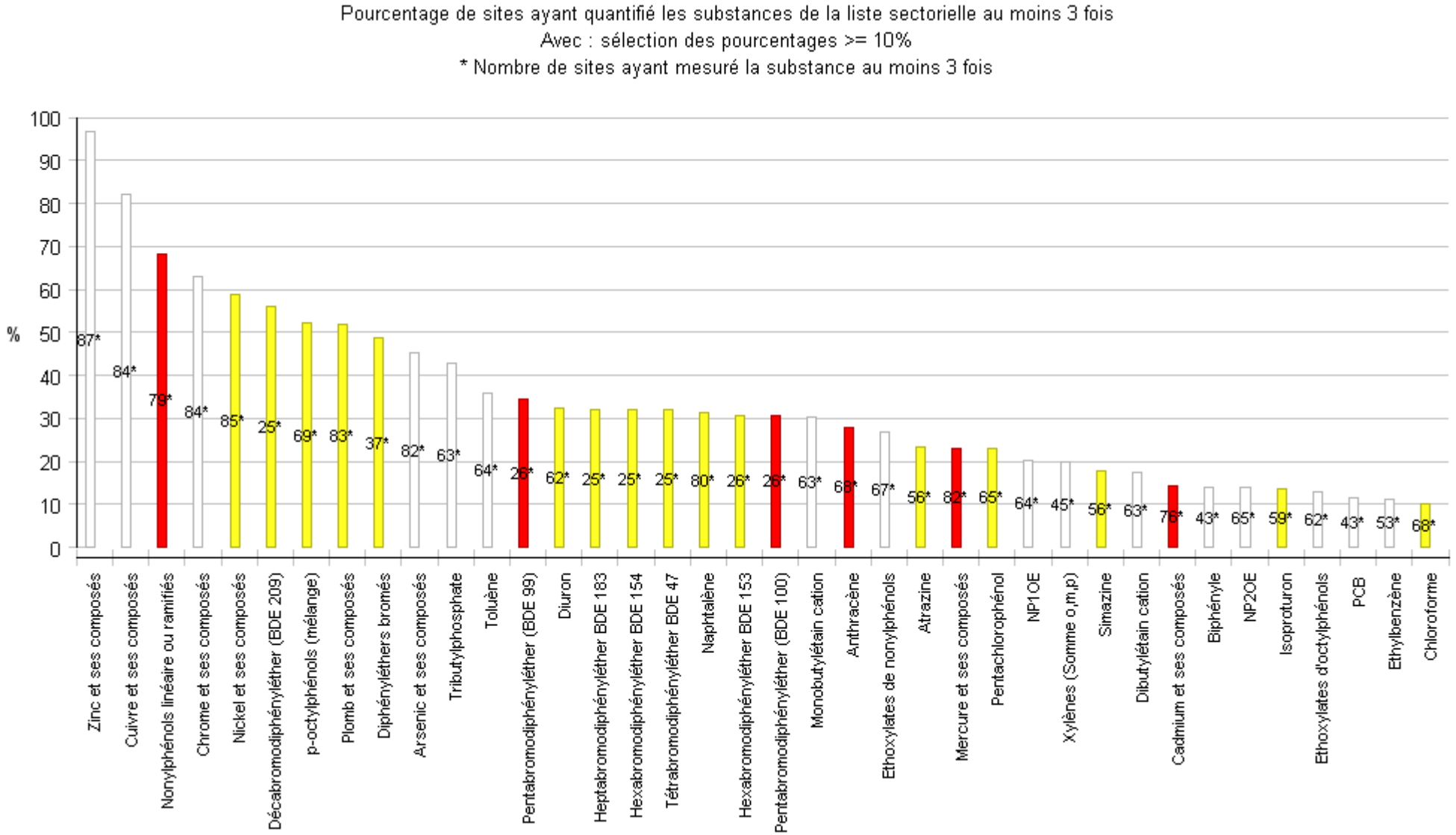
RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Toluene	1278	1	300	1 000
Tributyltin cation	2879	0,02	2	5
Trichloroethylene	1286	0,5	2	5
Xylenes (total o, m, p)	1780	2	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	3,8333333 3333333	15	57,792418 7725632	111,92833 8762215	516,23060 803225	312,43003 033367	728,93322 0625528	13097,221 8009479
Copper and its compounds	1392	5.00	1,3897326 8529769	2,5	6,6173823 026375	22,351414 3173899	71,672195 5664007	72,802206 8965517	157,25051 4933059	872,82105 2631579
Lead and its compounds	1382	5.00	0	1	2,5	6,1666666 6666667	34,511246 8314824	27,482410 5163129	79,147514 388112	478,19780 2197802
Chrome and its compounds	1389	5.00	0	1,2008902 4390244	2,6394316 1634103	8,0461798 8394584	24,534279 3257569	20,534044 5560088	55,819638 2428941	573,10995 2606635
Nickel and its compounds	1386	10.00	0	4,1850436 8625627	5	10,124593 3708805	48,336786 2379736	24,434172 3136496	55,308838 3442266	1691,5545 0236967
Arsenic and its compounds	1369	5.00	0	1,2052117 2638436	2,5	3,0833333 3333333	14,887631 1004538	11,626032 5702148	40,291296 625222	174,79146 9194313
Toluene	1278	1.00	0	0,1034958 60165593	0,36	0,5	16,766496 5428263	3,0128068 8349224	26,925371 6216216	441,05438 4133293
Xylenes (total o, m, p)	1780	2.00	0	0,1	0,5	1	18,695850 169843	1	11,903902 4390244	394,66896 5517241
Linear or branched nonylphenols	6598	0.10	0	0,05	0,0544184 38022450 4	0,2394285 57906195	3,2458823 9857058	1,21	3,8552027 027027	173,86713 7932401
Cadmium and its compounds	1388	2.00	0	0	0,5	1	1,1650123 1671566	1	2,1543156 0592851	12,488151 6587678
Ethylbenzene	1497	1.00	0	0	0,1166666 66666667	0,5	1,0212835 4398526	0,5	1,12	16,065528 317836
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0.05	4,8739012 1155638E-5	0,02336	0,0418036 88652704	0,175	0,6551866 21743395	0,2107638 88888889	1,0236300 5308289	9,1611688 3116883
Nonylphenol ethoxylates	6366, 6369	0.10	0	0,0189064 55862977 6	0,1	0,1	0,5994101 48575393	0,2878115 77983518	0,9801306 78104575	8,9603494 6236559
Chloroform	1135	1.00	0	0	0,1877192 98245614	0,5	1,0953660 9972579	0,5	0,7923076 92307692	30,566666 6666667
Mercury and its compounds	1387	0.50	0	0,0117437	0,1066666	0,25	0,5101137	0,2670212	0,7226889	13,659589

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

				958871798	66666667		41826981	76595745	0914134	8723935
NP1OE	6366		0	0,007904275820373744	0,05	0,05	0,259521709796156	0,118834080717489	0,711666666666667	3,73859649122807
Diuron	1177	0.05	0	0	0,018718323345384 9	0,025	0,37372277367215	0,088907239153652 1	0,500019280205655	14,765304 9405266
Tributyl phosphate	1847	0.10	0	0,01	0,05	0,086765463406902 6	0,389783298837539	0,227665586388495	0,467360121 16049	6,93170731707317
NP2OE	6369		0	0,009453227931488 8	0,05	0,05	0,339888438779236	0,082272222222222 2	0,4	7,04354838709677
p-octylphenols (mixture)	6600	0.10	0	0,015	0,05	0,05	0,122234388941935	0,1	0,322375	1,6195
Simazine	1263	0.03	0	0	0,01	0,015	0,841011024288769	0,015200467758102 2	0,304487177948718	48,3245132979908
Pentachlorophenol	1235	0.10	0	0,008333333333333 33	0,05	0,05	0,158741867219998	0,077034482758620 7	0,265310674723061	3,3241323907455
Tetrachlorethylene	1272	0.50	0	0	0,1	0,25	0,211636129506838	0,25	0,25	1,76927707078842
Carbon tetrachloride	1276	0.50	0	0	0,1	0,25	0,173501425142072	0,25	0,25	0,25
Trichloroethylene	1286	0.50	0	0	0,1	0,25	0,208894988944 11	0,25	0,25	1,3
Hexachlorobutadiene	1652	0.50	0	0	0,025	0,068617021276595 7	0,129997088543655	0,25	0,25	0,608974358974359
Octylphenol ethoxylates	6370, 6371	0.10	0	0	0,1	0,1	0,537564413073208	0,133407990 31477	0,221052631578947	26,018275862069
Atrazine	1107	0.03	0	0	0,01	0,015	0,262124901208875	0,016310086872586 9	0,212105263157895	7,47
Naphthalene	1517	0.05	0	0,007441860465116 28	0,02125	0,025	6,044947334819 95	0,080502204408817 6	0,180153918118234	550,173373394884
Decabromodiphenyl ether (BDE-209)	1815	0.50	1,176666666666 7E-	8,086829268292 68E-	0,025	0,025	0,373047107831027	0,06	0,17	9,14168831168831

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

			5	4						
Biphenyl	1584	0.05	0	0	0,011831708623460 1	0,025	0,336442462879238	0,042879675643270 7	0,1305	7,66426035502959
Isoproturon	1208	0.05	0	0	0,011128727885425 4	0,025	0,338447651316793	0,025	0,108	15,5809974640744
OP1OE	6370		0	0	0,05	0,05	0,086815382768082 7	0,057535460992907 8	0,096512674299461	0,932095808383233
Anthracene	1458	0.01	0	0,001649956784788 25	0,005	0,007368421052631 58	0,094077694941183 3	0,024	0,095168315927778 8	3,205224025
OP2OE	6371		0	0	0,05	0,05	0,450749030305124	0,05	0,092109929078014 2	25,8993103448276
Monobutyltin cation	2542	0.02	0	0	0,01	0,011824686940966	0,036312261349620 6	0,037692307692307 7	0,074736842105263 2	0,383342033333333
Pentabromodiphenyl ether (BDE 99)	2916	0.50	0	3,833333333333333E-5	0,002063393213572 85	0,025	0,202072850918015	0,025	0,0380815	6,51441229050279
Dibutyltin cation	7074	0.02	0	0	0,006923311546840 96	0,01	0,021988546221279 2	0,010996250669523 3	0,034891413297694 6	0,270835508333333
Hexachlorocyclohexane	1200 ,1203	0.02	0	0	0,01	0,02	0,024511155442440 5	0,02	0,027242396777442 1	0,391301775147929
PCB 153	1245		0	0	0,0025	0,005	0,052938245805376	0,005	0,026878864353312 3	2,0640413 7931034

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
PCB	1246, 1245, 1244, 1243, 1242, 1239, 1241	0.01	0	0	0,0025	0,005	0,047539952665507 2	0,006546925021061 5	0,026878864353312 3	2,064041379 31034
Heptabromodiphenyl ether BDE 183	2910	0.50	0	0	8,52083333333333E-5	0,007311578947368 42	0,013980160633917 3	0,025	0,025	0,0499505
Hexabromodiphenyl ether BDE 153	2912	0.50	0	0	0,001515444264943 46	0,011666666666666 7	0,015495571688986 6	0,025	0,025	0,066605
Hexabromodiphenyl ether BDE 154	2911	0.50	0	0	8,52083333333333E-5	0,007311578947368 42	0,014155735520375 8	0,025	0,025	0,0499505
Pentabromodiphenyl ether (BDE 100)	2915	0.50	0	0	0,00146	0,025	0,041464378940817 4	0,025	0,025	1,129814 00437637
Tetrabromodiphenyl ether BDE 47	2919	0.50	0	0	0,00146	0,025	0,014937732718993 6	0,025	0,025	0,0499505
gamma isomer Lindane	1203	0.02	0	0	0,005	0,01	0,012388697171773 2	0,01	0,016745562130177 5	0,108748264984227
Tributyltin cation	2879	0.02	0	0	0,008574985372654 96	0,01	0,013127350299461 9	0,01	0,014	0,191641640378549
alpha Hexachlorocyclohexane	1200		0	0	0,005	0,01	0,013812245858551 2	0,01	0,01	0,374556213017751

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	0,251727992	1,540564	9,4774033333333	75,5479909380154	69,52748	251,13183666666 7	576,426096	6799,319184421 39	8,48	200	500
Copper and its compounds	1392	0	0	0,073117	1,13702	15,6850536410832	5,436	24,43044	320,44616666666 7	1364,599666774 24	23,48	200	500
Nickel and its compounds	1386	0	0	0	0,0052666666666 667	2,1707688267803	1,963408	6,1706083333333 33	33,837253333333 33	191,0276567566 67	17,71	20	100
Chrome and its compounds	1389	0	0	0	0,1178	3,09591588363985	1,19352	5,856065	52,8681456	269,3446818766 67	19,63	200	500
Lead and its compounds	1382	0	0	0	0,020705	2,77308928506667	0,7904875	5,8469576666666 7	55,05875	235,7125892306 67	23,36	20	100
Arsenic and its compounds	1369	0	0	0	0	1,64638498984314	0,4273476	1,53592	99,274	139,9427241366 67	70,94	10	100
Linear or branched nonylphenols	6598	0	0	0	0,010686	1,14925383189589	0,110088	0,752970833333333	63,068037	95,38806804735 9	66,12	2	10
Toluene	1278	0	0	0	0	1,47708353137255	0,1237008	0,57383352	48,089629683333 33	100,4416801333 33	47,88	300	1000
Xylenes (total o, m, p)	1780	0	0	0	0	1,15893147898551	0	0,34114	49,4888092	53,3108480333333	92,83	300	500
Tributyl phosphate	1847	0	0	0	1,1833333333333 33E-6	0,080864069199005	0,021186	0,13182336	1,84652	5,417892636333 33	34,08	300	2000
p-octylphenols (mixture)	6600	0	0	0	0	0,085950375550786	1,1142424833333 33E-5	0,093723166666 6666	3,864305	6,3603277907581 7	60,76	10	30
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	0,067987862041269	0,0088704	0,08265168	1,495032166666	4,759150342888	31,41	2	10

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

						8			67	89			
NP2OE	6369	0	0	0	0	0,041245781457142 9	0	0,04887 504	0,947386083333333	2,887204702	32,81		
Diuron	1177	0	0	0	0	0,087642967158974 3	0,00411 936	0,03734 544	4,77268 992	5,69679 286533333	83,78	4	30
NP1OE	6366	0	0	0	0	0,026742080584127	0,00298 066666666667	0,03377 664	0,54764 608333333	1,87194 564088889	29,26		
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0	0	0	0	0,014194546035315 3	0,00372 963	0,02374 4076	0,23463 66666666667	0,52519 8203306666	44,68	2	5
Atrazine	1107	0	0	0	0	0,044416246106321 8	0	0,01866 85	1,70470 944	2,57614 227416667	66,17	4	30
Naphthalene	1517	0	0	0	0	0,820781591119068	0,00410 3124	0,01525 693166666667	68,2311 26335	69,7664 352451208	97,8	20	100
Biphenyl	1584	0	0	0	0	0,008862395412240 74	0	0,01047 95	0,16383 55	0,39880 7793550833	41,08	300	2000
Simazine	1263	0	0	0	0	0,276541812643678	0	0,00957	15,6202 6104	16,0394 251333333	97,39	4	30
Decabromodiphenyl ether (BDE-209)	1815	0	0	0	0	0,013005245568761 9	4,2248E-4	0,00873 92	0,23463 66666666667	0,45518 3594906667	51,55		
Pentachlorophenol	1235	0	0	0	0	0,014252716307059 5	0	0,00712 3392	0,41883 3333333333	0,99769 0141494167	41,98	4	30
Mercury and its compounds	1387	0	0	0	0	0,090455135363984 7	0	0,00665	2,70109 283333333	7,86959 677666667	34,32	2	5
Monobutyltin cation	2542	0	0	0	0	0,005993204603948 72	2,531E-4	0,00643 624	0,20251 2	0,38955 8299256667	51,99	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Cadmium and its compounds	1388	0	0	0	0	0,024705688958333 3	0	0,006283333333333 33	0,750058616666667	1,976455116666667	37,95	2	10
Isoproturon	1208	0	0	0	0	0,014555320916666 7	0	0,004155264	0,371143512	0,902429896833333	41,13	4	30
Anthracene	1458	0	0	0	0	0,003912908365442 13	3,394E-4	0,003595645	0,089468	0,281729402311833	31,76	2	10
Octylphenol ethoxylates	6370, 6371	0	0	0	0	0,014478696 40625	0	0,00186792	0,683966	0,92663657	73,81	10	30
PCB	1246, 1245, 1244, 1243, 1242, 1239, 1241	0	0	0	0	0,001223895658435 61	0	0,001010537333333 33	0,025204166666666667	0,053851408971 1667	46,8	2	5
OP1OE	6370	0	0	0	0	0,004595907604166 67	0	1,166666666666 67E-4	0,189241	0,294138086666667	64,34		
OP2OE	6371	0	0	0	0	0,009882788802083 33	0	1,166666666666 67E-4	0,494725	0,632498483333333	78,22		
Dibutyltin cation	7074	0	0	0	0	3,77631490525641E-4	0	1,052333333333 33E-4	0,0128786	0,024546046884 1667	52,47	300	500
PCB 153	1245	0	0	0	0	8,91954567526515E-4	0	7,702E-5	0,025204166666666667	0,039246000971 1667	64,22		
Hexachlorocyclohexane	1200 ,1203	0	0	0	0	7,08926374651741E-4	0	1,766710166666 67E-5	0,028727666666666667	0,047498067101 6667	60,48	2	5
alpha Hexachlorocyclohexane	1200	0	0	0	0	1,26294875141026E-4	0	0	0,007385	0,008209166884 16667	89,96		
Chloroform	1135	0	0	0	0	1,36008837923809	0	0	94,645	95,206186546666 66	99,41	20	100
Ethylbenzene	1497	0	0	0	0	0,050498139702380	0	0	2,036241 84	2,827895823333	72,01	300	1000

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

						9				33			
gamma isomer Lindane	1203	0	0	0	0	6,54815003625E-4	0	0	0,028727666666666667	0,039288900217 5	73,12	2	5
Heptabromodiphenyl ether BDE 183	2910	0	0	0	0	0	0	0	0	0			
Hexabromodiphenyl ether BDE 153	2912	0	0	0	0	1,49639233333333E-4	0	0	0,0053870124	0,0053870124	100		

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Hexabromodiphenyl ether BDE 154	2911	0	0	0	0	0	0	0	0	0			
Hexachlorobutadiene	1652	0	0	0	0	5,7E-5	0	0	0,00285	0,00285	100	2	10
Pentabromodiphenyl ether (BDE 100)	2915	0	0	0	0	5,58189189189189E-4	0	0	0,020653	0,020653	100	2	5
Pentabromodiphenyl ether (BDE 99)	2916	0	0	0	0	0,001188502594594 59	0	0	0,023321596	0,043974596	53,03	2	5
Tetrabromodiphenyl ether BDE 47	2919	0	0	0	0	0	0	0	0	0			
Tetrachlorethylene	1272	0	0	0	0	0,093987575757575 8	0	0	6,00223	6,20318	96,76	2	5
Carbon tetrachloride	1276	0	0	0	0	0	0	0	0	0		2	5
Tributyltin cation	2879	0	0	0	0	0,001177873227053 14	0	0	0,050625333333333	0,081273252666 6667	62,29	2	5
Trichloroethylene	1286	0	0	0	0	0,001436196756756 76	0	0	0,08513856	0,10627856	80,11	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
3.5 Other non-hazardous waste treatment sites	90	22	24,4444	6	6,6667

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Arsenic and its compounds	1369	1	0
Copper and its compounds	1392	2	0
Mercury and its compounds	1387	2	0
Naphthalene	1517	1	0
Nickel and its compounds	1386	2	0
Linear or branched nonylphenols	6598	6	2
Lead and its compounds	1382	4	0
Zinc and its compounds	1383	13	3
Chloroform	1135	1	0
Diuron	1177	1	0
Simazine	1263	1	0
Tetrachlorethylene	1272	1	1
		35	6

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Linear or branched nonylphenols	6598	57,6943202	95,388068047359	60,48
Tetrachlorethylene	1272	1,00223	6,20318	16,16
Zinc and its compounds	1383	146,799896	6799,319184421	2,16

			39	
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 4.1 Glass melting

1 Sector data

32 sites
246 samples
17 substances in the Sector specific list

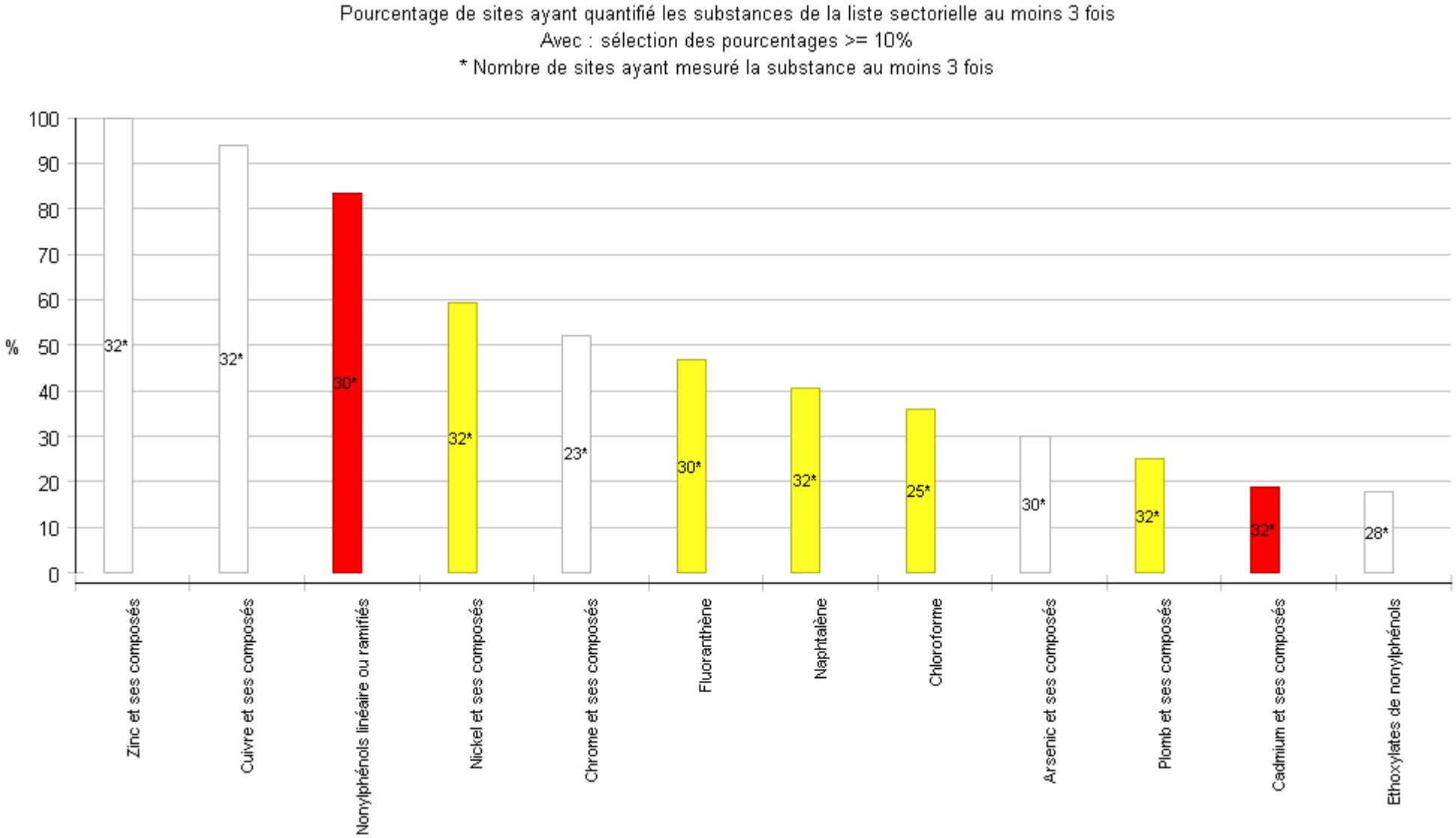
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Arsenic and its compounds	1369	5	10	100
Cadmium and its compounds	1388	2	2	10
Copper and its compounds	1392	5	200	500
Fluoranthene	1191	0,01	4	30
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Lead and its compounds	1382	5	20	100
Zinc and its compounds	1383	10	200	500
Anthracene	1458	0,01	2	10
Chloroform	1135	1	20	100
Chrome and its compounds	1389	5	200	500
Mercury and its compounds	1387	0,5	2	5
Pentachlorobenzene	1888	0,02	2	5
Pentachlorophenol	1235	0,1	4	30

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire»	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	5	20,1247877758913	34,1065773447016	108,782109951797	257,162832203198	194,965177825239	379,147637795276	3671,26286316861
Copper and its compounds	1392	5.00	0	4,40396812489836	8,11484013168908	13,2177334732424	33,5629960399278	32,9514303300311	53,1355936052321	281,475940153659
Nickel and its compounds	1386	10.00	0	2,5	5	9,50382306996629	20,9815799816152	17,9986320725739	47	150,63890012131
Lead and its compounds	1382	5.00	0	0,497410518796425	2,5	2,939546855890834	5,336235707707797	5,306968325791185	10,5339275445658	33,728265 2648605
Arsenic and its compounds	1369	5.00	1,5	1,5	2,5	3,557932399951279	6,011120559205333	7	10,0717276883476	33,5491100856955
Chrome and its compounds	1389	5.00	0	0,451962110960758	2,5	3,973363363336336	11,06120111130486	7,962749213011154	10	134,785717216718
Chloroform	1135	1.00	0	0	0,5	0,618800558092726	2,295741338011172	1,535746764603301	2,599316614802261	38,6929541595925
Linear or branched nonylphenols	6598	0.10	0,016666666666667	0,05	0,078230585337583 3	0,234424860445695	0,964249182168365	0,670928755364807	2,238102329325 35	12,0310287280963
Cadmium and its compounds	1388	2.00	0	0	0,5	0,708701384311141	1,191271277946 17	1	1,855340501792 11	10,3106922980274
Nonylphenol ethoxylates	6366, 6369	0.10	0,050039039039039	0,1	0,1	0,1	1,315368787726 41	0,202740391191355	0,544197331176708	32,3503737780333
NP1OE	6366		0	0,05	0,05	0,05	0,681702319956 06	0,100714285714286	0,494197331176708	12,5355376653249
Mercury and its compounds	1387	0.50	0	0	0,1	0,25	0,212331908593873	0,25	0,25	1,4088780375522
NP2OE	6369		0	0,05	0,05	0,05	0,633666467770354	0,089529411764705 9	0,169569892473118	19,8148361127084
Naphthalene	1517	0.05	0	0,004166666666666 67	0,011389408099688 5	0,025	0,064104899472368 5	0,038920527156549 5	0,097123123123123 1	0,915230446294234
Pentachlorophenol	1235	0.10	0	0,01	0,028864992541024 4	0,05	0,041546472331060 4	0,05	0,05	0,070726519035671 4
Fluoranthene	1191	0.01	0	0,003462544589774	0,005	0,006884654994850	0,020441154459853	0,015235582359592	0,029946236559139	0,312688868778281

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

				08		67	4	9	8	
Pentachlorobenzene	1888	0.02	0	0	0,005	0,01	0,008524278977756962	0,01	0,01	0,026631253416810 2
Anthracene	1458	0.01	0	0,005	0,005	0,005	0,006287044351780 34	0,005	0,008042712683000 45	0,022285705688102 1

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0,508333333333333	2,5292624	7,1041666666667	24,2256	95,2806469040922	72,5041333333333	156,3266	913,99983333333	3048,980700930095	29,98	200	500
Copper and its compounds	1392	0	0	0,218964	2,10264	8,0714844 0821429	9,23328	11,61416592	96,4615	258,2875010628 57	37,35	200	500
Nickel and its compounds	1386	0	0	0	0,625548	7,0353753 0059524	3,192025	6,38136	139,11566666667	225,1320096190 48	61,79	20	100
Arsenic and its compounds	1369	0	0	0	0	4,4888899 5388633	0,2613168	4,8732	104,8628	139,1555885704 76	75,36	10	100
Chrome and its compounds	1389	0	0	0	0	1,8120573 4803313	1,51261536	3,64174	19,708367571428 6	41,67731900476 19	47,29	200	500
Lead and its compounds	1382	0	0	0	0	0,678213726041667	0,374490833333333	1,201104	5,71288	21,702839233333 33	26,32	20	100
Chloroform	1135	0	0	0	0	0,774488472171429	0,60559488	1,11169208333333	11,395075	19,362211804285 7	58,85	20	100
Linear or branched nonylphenols	6598	0	0	0	0,0180268	1,5700881 0311367	0,107128224	0,5230756	40,13056	48,672731196523 8	82,45	2	10
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	0,247035288333333	0,01759896	0,0781071	4,22120618	6,916988073333 33	61,03	2	10
NP1OE	6366	0	0	0	0	0,176826293511905	0,004112	0,0781071	3,8541924	4,951136218333 33	77,84		
NP2OE	6369	0	0	0	0	0,070208994821428 6	0	0,068432	1,3792368	1,965851855	70,16		
Naphthalene	1517	0	0	0	0	0,019281619173660	0	0,050580792	0,178751529166	0,617011813557	28,97	20	100

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

						7			667	143			
Fluoranthene	1191	0	0	0	2,03221E-4	0,016364406467741 9	0,0045722016	0,011962866666667	0,28793433333333	0,5072966005	56,76	4	30
Anthracene	1458	0	0	0	0	0,001083489127619 05	0	5,77E-4	0,017834166666667	0,021669782552 381	82,3	2	10
Cadmium and its compounds	1388	0	0	0	0	0,040019042916666 7	0	0	0,6565024	1,2806093733333 33	51,26	2	10
Mercury and its compounds	1387	0	0	0	0	0,001785224583333 33	0	0	0,035704491666 6667	0,035704491666 6667	100	2	5
Pentachlorobenzene	1888	0	0	0	0	1,58261129186603E-4	0	0	0,003006961454 54545	0,003006961454 54545	100	2	5
Pentachlorophenol	1235	0	0	0	0	0	0	0	0	0		4	30

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
4.1 Glass melting	32	7	21,875	1	3,125

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Arsenic and its compounds	1369	2	1
Nonylphenol ethoxylates	6366, 6369	2	0
Nickel and its compounds	1386	2	1
Linear or branched nonylphenols	6598	2	1
Zinc and its compounds	1383	4	1
		12	4

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Linear or branched nonylphenols	6598	30,13056	48,6727311965238	61,9
Nickel and its compounds	1386	39,1156666666667	225,132009619048	17,37
Zinc and its compounds	1383	413,999833333333	3048,98070093095	13,58
Arsenic and its compounds	1369	4,86280000000002	139,155588570476	3,49

Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 4.2 Crystal glass-making factories

1 Sector data

2 sites
12 samples
15 substances in the Sector specific list

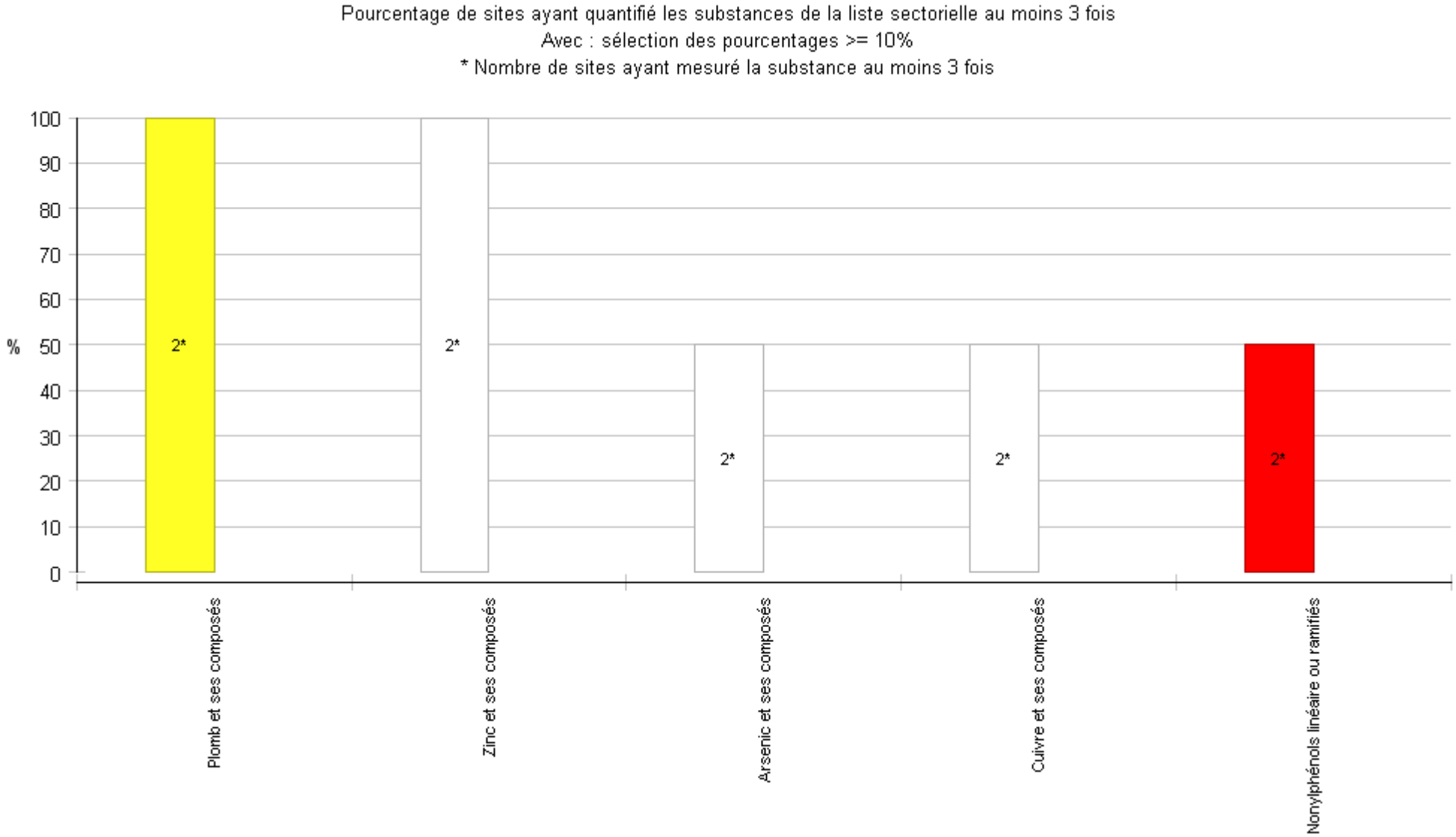
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Anthracene	1458	0,01	2	10
Arsenic and its compounds	1369	5	10	100
Copper and its compounds	1392	5	200	500
Fluoranthene	1191	0,01	4	30
Naphthalene	1517	0,05	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Lead and its compounds	1382	5	20	100
Zinc and its compounds	1383	10	200	500
Chloroform	1135	1	20	100
Dibutyltin cation	7074	0,02	300	500
Monobutyltin cation	2542	0,02	300	500
Nickel and its compounds	1386	10	20	100
Tributyltin cation	2879	0,02	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire»	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Lead and its compounds	1382	5.00	216,521850899743	216,521850899743	216,521850899743	216,521850899743	859,162483288784	216,521850899743	216,521850899743	1501,80311567783
Zinc and its compounds	1383	10.00	53,2800342759212	53,2800342759212	53,2800342759212	53,2800342759212	74,8402160110133	53,2800342759212	53,2800342759212	96,4003977461054
Arsenic and its compounds	1369	5.00	4,85209083119109	4,85209083119109	4,85209083119109	4,85209083119109	25,3859393499674	4,85209083119109	4,85209083119109	45,9197878687438
Copper and its compounds	1392	5.00	4,62523564695801	4,62523564695801	4,62523564695801	4,62523564695801	6,39365859245481	4,62523564695801	4,62523564695801	8,16208153795161
Nickel and its compounds	1386	10.00	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Chloroform	1135	1.00	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,5
Nonylphenol ethoxylates	6366, 6369	0.10	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
Linear or branched nonylphenols	6598	0.10	0,05	0,05	0,05	0,05	0,083592802056555 3	0,05	0,05	0,117185604113111
NP1OE	6366		0,05	0,05	0,05	0,05	0,05	0,05	0,05	0,05
NP2OE	6369		0,05	0,05	0,05	0,05	0,05	0,05	0,05	0,05
Dibutyltin cation	7074	0.02	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Monobutyltin cation	2542	0.02	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Tributyltin cation	2879	0.02	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Fluoranthene	1191	0.01	0,007067249357326 48	0,007067249357326 48	0,007067249357326 48	0,007067249357326 48	0,013690237207665 6	0,007067249357326 48	0,007067249357326 48	0,020313225058004 6
Anthracene	1458	0.01	0,005	0,005	0,005	0,005	0,007698044414981 77	0,005	0,005	0,010396088829963 5
Naphthalene	1517	0.05	0,005	0,005	0,005	0,005	0,019948624461385 5	0,005	0,005	0,034897248922771

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Lead and its compounds	1382	65,245536	65,245536	65,245536	65,245536	123,587928	65,245536	65,245536	181,93032	247,175856	73,6	20	100
Zinc and its compounds	1383	4,188096	4,188096	4,188096	4,188096	24,478056	4,188096	4,188096	44,768016	48,956112	91,45	200	500
Anthracene	1458	0	0	0	0	2,25828E-4	0	0	4,51656E-4	4,51656E-4	100	2	10
Arsenic and its compounds	1369	0	0	0	0	0,997488	0	0	1,994976	1,994976	100	10	100
Chloroform	1135	0	0	0	0	0	0	0	0	0		20	100
Copper and its compounds	1392	0	0	0	0	0,1773	0	0	0,3546	0,3546	100	200	500
Dibutyltin cation	7074	0	0	0	0	0	0	0	0	0		300	500
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	0	0	0	0	0		2	10
Fluoranthene	1191	0	0	0	0	4,41252E-4	0	0	8,82504E-4	8,82504E-4	100	4	30
Monobutyltin cation	2542	0	0	0	0	0	0	0	0	0		300	500
Naphthalene	1517	0	0	0	0	0	0	0	0	0		20	100
Nickel and its compounds	1386	0	0	0	0	0	0	0	0	0		20	100
Linear or branched nonylphenols	6598	0	0	0	0	0,049232016	0	0	0,098464032	0,098464032	100	2	10
NP1OE	6366	0	0	0	0	0	0	0	0	0			
NP2OE	6369	0	0	0	0	0	0	0	0	0			
Tributyltin cation	2879	0	0	0	0	0	0	0	0	0		2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
4.2 Crystal glass-making factories	2	2	100	1	50

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Lead and its compounds	1382	2	1
		2	1

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Lead and its compounds	1382	81,93032	247,175856	33,15
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 4.3 Other glass industry activities

1 Sector data

35 sites
231 samples
28 substances in the Sector specific list

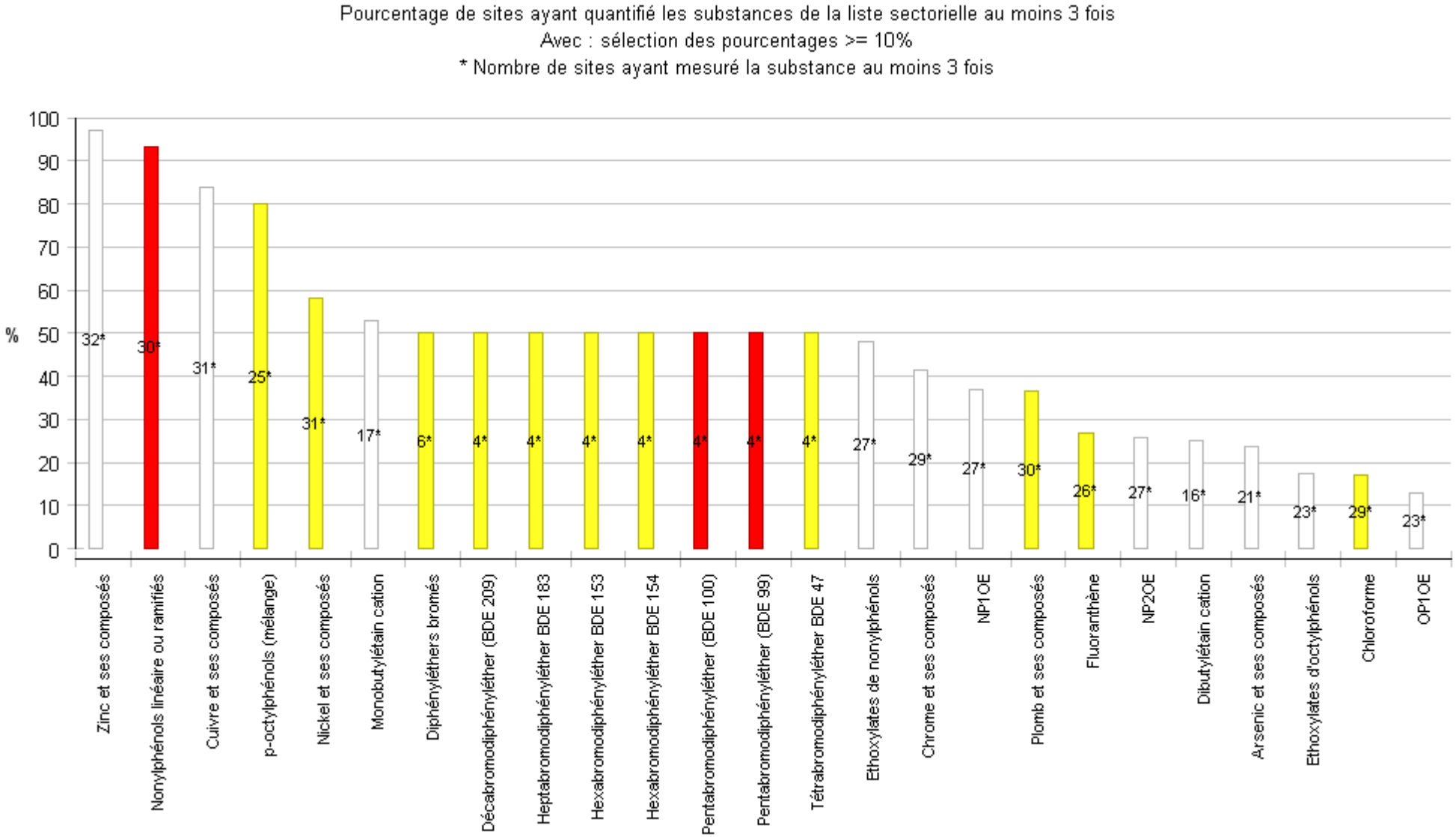
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Cadmium and its compounds	1388	2	2	10
Methylene chloride	1168	5	20	100
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Nickel and its compounds	1386	10	20	100
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
Lead and its compounds	1382	5	20	100
Tetrachlorethylene	1272	0,5	2	5
Zinc and its compounds	1383	10	200	500
Arsenic and its compounds	1369	5	10	100
Chloroform	1135	1	20	100
Decabromodiphenyl ether (BDE-209)	1815	0,05		
Dibutyltin cation	7074	0,02	300	500
Fluoranthene	1191	0,01	4	30
Heptabromodiphenyl ether (BDE-183)	2910	0,05		
Hexabromodiphenyl ether (BDE-153)	2912	0,05		
Hexabromodiphenyl ether (BDE 154)	2911	0,05		
Monobutyltin cation	2542	0,02	300	500
OP1OE	6370	0,1	10	30
OP2OE	6371	0,1	10	30
p-octylphenols (mixture)	6600	0,1	10	30
Pentabromodiphenyl ether (BDE 100)	2915	0,05		
Pentabromodiphenyl ether (BDE 99)	2916	0,05		
Tetrabromodiphenyl ether (BDE 47)	2919	0,05		
Tributyltin cation	2879	0,02	2	5
Trichloroethylene	1286	0,5	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	4,15734377729893	7,75731667214732	19,0122180451128	67,1378830083565	151,822080491041	132,541062801932	396,898083941606	1113,759254418152
Nickel and its compounds	1386	10.00	0	3,83369124314006	5	5,99875156054931	32,7426081026746	19,5431709192906	63,2826456826882	439,607774292612
Copper and its compounds	1392	5.00	0,655021834061135	2,76570048309179	4,73719171325222	11,2654166666667	18,560847223725	23,1528946066304	41,2658517079858	79,0287277701778
Chrome and its compounds	1389	5.00	0	1,85149209486166	2,5	2,5	10,3284364257517	10,1606218917969	22,5090268475919	86,906976 7441861
Arsenic and its compounds	1369	5.00	0	0,923580786026201	2,5	2,5	55,0112384089759	2,5	19,6193495524335	1357,86851851852
Lead and its compounds	1382	5.00	0	1,23827135360116	2,5	2,5	10,006703544583	7,26126126126126	11,1207996597193	165,15233934935
NP2OE	6369		0	0,044314410480349 3	0,05	0,063030283617727 6	0,885263144141798	0,185483870967742	4,01794871794872	7,03643538309767
Methylene chloride	1168	5.00	0	0,078125	1	2,5	2,14835212685644	2,5	3,15900762914216	6,31845349134935
Linear or branched nonylphenols	6598	0.10	0,05	0,05	0,088333333333333 3	0,200188679245283	0,745958577940578	1,24066096678724	1,94	3,92705358162916
Nonylphenol ethoxylates	6366, 6369	0.10	0	0,1	0,1	0,165255437785704	1,848803122360686	1,1	1,56632432432432	20,6077777777778
Chloroform	1135	1.00	0	0,1	0,313795336787565	0,5	1,260487552555376	0,815313887127457	1,47142857142857	16,27073089701
NP1OE	6366		0	0,05	0,05	0,092240726722180 2	0,991204452719497	0,3884375	1,39593739289386	13,6497101449275
Cadmium and its compounds	1388	2.00	0	0,25	0,5	1	1,24435026225314	1	1	13,7809442790302
Tetrachlorethylene	1272	0.50	0	0	0,25	0,25	0,345122406412667	0,25	0,25	3,582939133904008
Trichloroethylene	1286	0.50	0	0	0,25	0,25	0,207142857142857	0,25	0,25	0,25
Octylphenol ethoxylates	6370, 6371	0.10	0	0	0,1	0,100775193798 45	14,78364329152 43	0,134119730378156	0,23710753709 7358	395,830523942452
Brominated diphenyl ethers	1815,	0.05	1,4E-7	1,4E-7	1,59E-5	0,0319535	0,0671659	0,084131	0,175	0,175

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

	2910, 2912, 2919, 2911, 2916, 2915					519125683	200184826			
p-octylphenols (mixture)	6600	0.10	0	0	0,05	0,05	0,102503586774053	0,1	0,154545454545455	0,682903225806452
OP1OE	6370		0	0	0,05	0,05	2,19597963003429	0,064080242240726 7	0,147812971342383	57,4436600815976
OP2OE	6371		0	0	0,05	0,05	12,58766366149	0,056093868281604 9	0,109849552120383	338,3868638 60855
Monobutyltin cation	2542	0.02	0	0,01	0,01	0,012306451612903 2	4,9031686976596	0,036308981788079 5	0,083770833333333 3	92,1092196961042
Dibutyltin cation	7074	0.02	0	0,005	0,0075	0,01	0,019803487762581	0,013935483870967 7	0,033988686534216 3	0,123172413793103
Decabromodiphenyl ether (BDE-209)	1815	0.50	2,0E-8	2,0E-8	2,65E-6	0,016953551912568 3	0,019451049012342 6	0,025	0,025	0,068621
Heptabromodiphenyl ether BDE 183	2910	0.50	2,0E-8	2,0E-8	2,65E-6	0,0025	0,007952541596261 43	0,002585	0,025	0,025
Hexabromodiphenyl ether BDE 153	2912	0.50	2,0E-8	2,0E-8	2,65E-6	0,0025	0,007952541596261 43	0,002585	0,025	0,025
Hexabromodiphenyl ether BDE 154	2911	0.50	2,0E-8	2,0E-8	2,65E-6	0,0025	0,007952541596261 43	0,002585	0,025	0,025
Pentabromodiphenyl ether (BDE 100)	2915	0.50	2,0E-8	2,0E-8	2,65E-6	0,0025	0,007952541596261 43	0,002585	0,025	0,025
Pentabromodiphenyl ether (BDE 99)	2916	0.50	2,0E-8	2,0E-8	2,65E-6	0,0025	0,007952541596261 43	0,002585	0,025	0,025
Tetrabromodiphenyl ether BDE 47	2919	0.50	2,0E-8	2,0E-8	5,801211738300 32E-4	0,0025	0,009277523528971 67	0,002585	0,025	0,025

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Fluoranthene	1191	0.01	6,81063122923588E-4	0,004954379562043 8	0,005	0,005	0,011847954440403 2	0,011666666666667	0,023168523676880 2	0,089955805243445 7
Tributyltin cation	2879	0.02	0	0,002	0,01	0,01	0,010310108535688	0,01	0,01	0,0425

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	0,181454333333333	0,461083333333333	6,888	16,4109532554113	13,67784	60,68968	77,59292	541,56145742857 2	14,33	200	500
Copper and its compounds	1392	0	0	0,108	0,756	1,88310403869048	1,6128	3,899333333333 33	14,1117952	60,25932923809 52	23,42	200	500
Nickel and its compounds	1386	0	0	0	0	2,53095957058824	1,393855	2,842666666666 67	53,5380724	86,0526254	62,22	20	100
Chrome and its compounds	1389	0	0	0	0	0,641822587269841	0,693488571428571	1,532376	5,6517952	19,254677618095 2	29,35	200	500
Lead and its compounds	1382	0	0	0	0	0,938340859293395	0,129166666666667	1,505952	20,1132428	29,088566638095 2	69,14	20	100
Arsenic and its compounds	1369	0	0	0	0	4,20221002898551	0	0,609833333333333	58,65992	96,650830666666 67	60,69	10	100
Chloroform	1135	0	0	0	0	0,132198806825397	0	0,27116	2,070194166666 67	3,965964204761 9	52,2	20	100
Linear or branched nonylphenols	6598	0	0	0	0,013968	0,095498535201228 9	0,133641666666667	0,268160666666667	0,628808333333333	2,960454591238 09	21,24	2	10
Nonylphenol ethoxylates	6366, 6369	0	0	0	0,00825	0,333248194913265	0,031308	0,182344	6,074325	9,330949457571 43	65,1	2	10
NP1OE	6366	0	0	0	0	0,152922552710884	0,02112	0,175948416	2,446158333333 33	4,281831475904 76	57,13		
NP2OE	6369	0	0	0	0	0,187004369691358	0,007390833333333333	0,106556	3,628166666666 67	5,049117981666 67	71,86		
Monobutyltin cation	2542	0	0	0	0	0,732152495814815	0,002526408	0,01481735	11,6097408	13,17874492466	88,09	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

										67			
Octylphenol ethoxylates	6370, 6371	0	0	0	0	0,257367511111111	0	0,0055144333333333	6,1446091666666667	6,1768202666666667	99,48	10	30
OP1OE	6370	0	0	0	0	0,038018979861111	0	0,00392	0,891717083333333	0,912455516666667	97,73		
p-octylphenols (mixture)	6600	0	0	0	0	0,003453734611721 61	0	0,003792	0,058556516571 4286	0,089797099904 7619	65,21	10	30
Dibutyltin cation	7074	0	0	0	0	0,001355617254901 96	8,035E-4	0,0028576	0,0132955	0,023045493333 3333	57,69	300	500
OP2OE	6371	0	0	0	0	0,21934853125	0	0,0026766666666 66667	5,2528920833333 3	5,26436475	99,78		
Fluoranthene	1191	0	0	0	0	8,85252726436782E-4	2,99E-4	0,00159696	0,01441092	0,0256723290666667	56,13	4	30
Cadmium and its compounds	1388	0	0	0	0	0,070724247126436 8	0	0	1,8661824	2,0510031666666 67	90,99	2	10
Methylene chloride	1168	0	0	0	0	0,050805941176470 6	0	0	0,863701	0,863701	100	20	100
Decabromodiphenyl ether (BDE-209)	1815	0	0	0	0	0,0011528328	0	0	0,0069169968	0,0069169968	100		
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0	0	0	0	0,0011528328	0	0	0,0069169968	0,0069169968	100	2	5
Heptabromodiphenyl ether BDE 183	2910	0	0	0	0	0	0	0	0	0			
Hexabromodiphenyl ether BDE 153	2912	0	0	0	0	0	0	0	0	0			
Hexabromodiphenyl ether BDE 154	2911	0	0	0	0	0	0	0	0	0			
Pentabromodiphenyl	2915	0	0	0	0	0	0	0	0	0		2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

ether (BDE 100)													
Pentabromodiphenyl ether (BDE 99)	2916	0	0	0	0	0	0	0	0	0		2	5
Tetrabromodiphenyl ether BDE 47	2919	0	0	0	0	0	0	0	0	0			
Tetrachlorethylene	1272	0	0	0	0	0,028734603174603 2	0	0	0,603426666666667	0,603426666666667	100	2	5
Tributyltin cation	2879	0	0	0	0	6,2E-5	0	0	0,001054	0,001054	100	2	5
Trichloroethylene	1286	0	0	0	0	0	0	0	0	0		2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
4.3 Other glass industry activities	35	4	11,4286	0	0

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Nonylphenol ethoxylates	6366, 6369	1	0
Nickel and its compounds	1386	1	0
Lead and its compounds	1382	1	0
Arsenic and its compounds	1369	2	0
		5	0

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector: 5 Thermal power plants for electricity generation

1 Sector data

33 sites
258 samples
8 substances in the Sector specific list

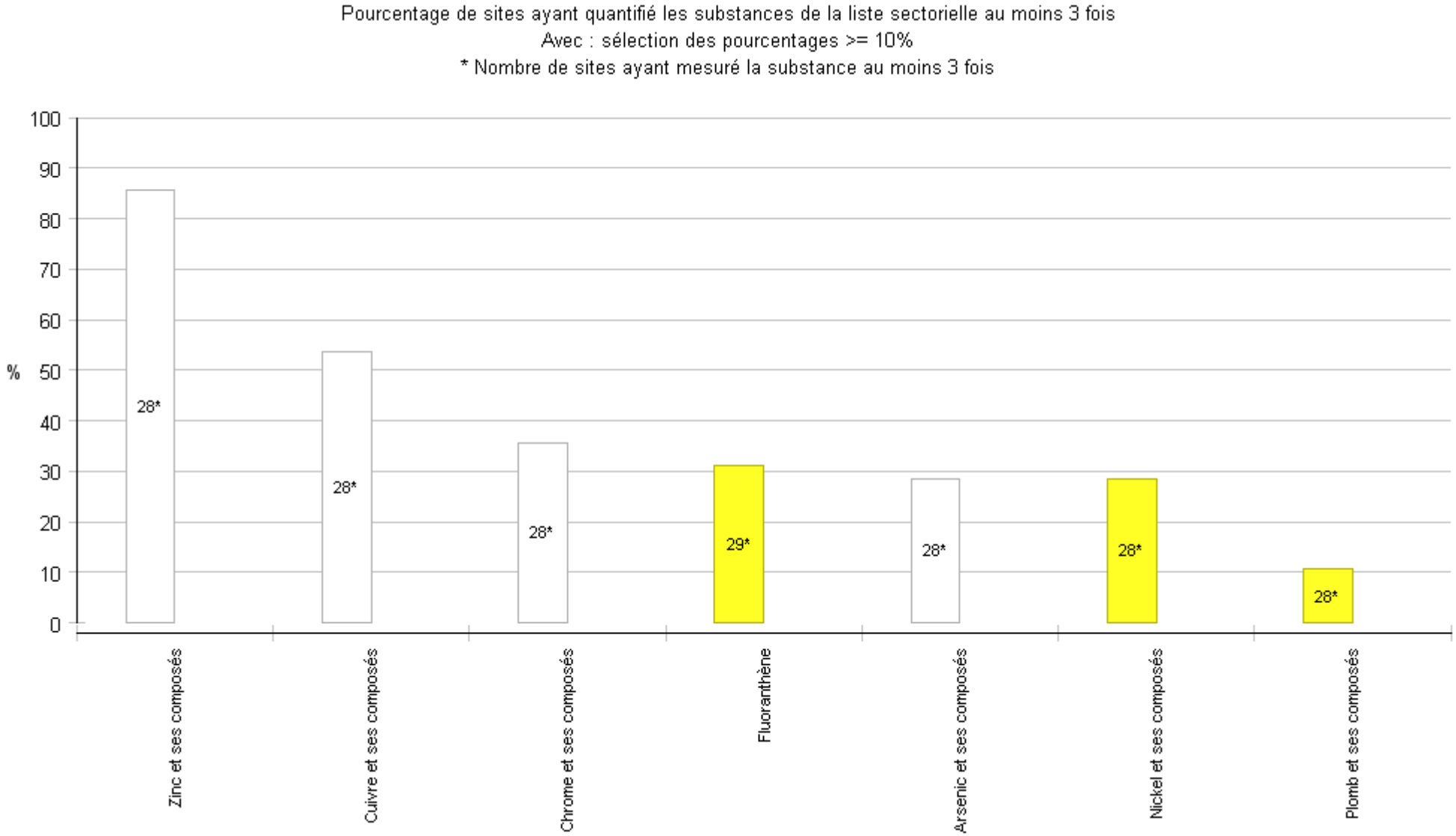
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Arsenic and its compounds	1369	5	10	100
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Fluoranthene	1191	0,01	4	30
Nickel and its compounds	1386	10	20	100
Lead and its compounds	1382	5	20	100
Tributyl phosphate	1847	0,1	300	2 000
Zinc and its compounds	1383	10	200	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire»	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	5	8,40441572428649	11,8181217994837	23,4181553240866	181,075268013073	143,44865054137	566,377037469966	1750,939358825729
Copper and its compounds	1392	5.00	0,416666666666667	2,16851476170716	2,5	6,35826644583174	12,5755041560487	13,851204682993	33,5514430709911	61,4202702702703
Nickel and its compounds	1386	10.00	0	0,833333333333333	5	5	12,7317619242057	8,62287738306073	20,931608926845	240,045020445252
Arsenic and its compounds	1369	5.00	0	0	2,5	2,5	4,69631755876741	4,15474121696214	11,814347910651	24,22
Chrome and its compounds	1389	5.00	0	0,766456114466627	2,5	2,5	4,41252185579242	4,395	6,952798233365154	24,0756211726015
Lead and its compounds	1382	5.00	0	0	2,5	2,5	3,84202930122434	3,1306905370844	5,80248287423765	31,1327053120636
Tributyl phosphate	1847	0.10	0	0,006953559285444 44	0,033693693693 7	0,05	0,052823155729395 9	0,05	0,076666666666667	0,4393670 17397646
Fluoranthene	1191	0.01	0	0,004213098729227 76	0,005	0,007330758746024 54	0,228208486413958	0,012	0,034173020527859 2	9,09733044400387

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	0	0,5487197	16,438884	479,679958550417	207,62	495,8235672	9503,592716666667	15349,75867361 33	61,91	200	500
Copper and its compounds	1392	0	0	0	0,038748	37,9383439953125	6,3255	46,810123666666 67	591,6358333333 33	1214,02700785	48,73	200	500
Nickel and its compounds	1386	0	0	0	0	27,9183935489583	0	26,72848	427,0739258333 33	893,3885935666 67	47,8	20	100
Arsenic and its compounds	1369	0	0	0	0	12,7814526895833	0	3,40626	298,4789216666 67	409,0064860666 67	72,98	10	100
Chrome and its compounds	1389	0	0	0	0	13,9017041141667	0,533166666666667	2,4822288	392,964415	444,8545316533 33	88,34	200	500
Fluoranthene	1191	0	0	0	0	0,378817585363636	0,0114808	0,0692063833333333	11,83872	12,500980317	94,7	4	30
Lead and its compounds	1382	0	0	0	0	15,6541254635417	0	0,0427056666666667	498,2867558333 33	500,9320148333 33	99,47	20	100
Tributyl phosphate	1847	0	0	0	0	0,023696761290322 6	0	0	0,702914	0,7345996	95,69	300	2000

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
5 Thermal power plants for electricity generation	33	10	30,303	5	15,1515

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Arsenic and its compounds	1369	2	1
Chrome and its compounds	1389	1	0
Copper and its compounds	1392	2	1
Fluoranthene	1191	1	0
Nickel and its compounds	1386	5	3
Lead and its compounds	1382	1	1
Zinc and its compounds	1383	9	4
		21	10

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Lead and its compounds	1382	398,286755833333	500,932014833333	79,51
Zinc and its compounds	1383	11084,042583333333	15349,758673613333	72,21
Nickel and its compounds	1386	474,275271166667	893,388593566667	53,09
Arsenic and its compounds	1369	198,478921666667	409,006486066667	48,53
Copper and its compounds	1392	91,63588333333	1214,02700785	7,55

		34		
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 6 Chemicals industry

1 Sector data

341 sites
2481 samples
112 substances in the Sector specific list

2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
1,1 dichloroethane	1160	5	300	2 000
1,1 Dichloroethylene	1162	2,5	300	2 000
1,1,1 trichloroethane	1284	0,5	300	1 000
1,1,2 trichloroethane	1285	1	300	2 000
1,1,2,2 tetrachloroethane	1271	1	300	2 000
1,2 dichlorobenzene	1165	1	300	500
1,2 dichloroethane	1161	2	20	100
1,2 Dichloroethylene	1163	5	300	2 000
1,2,3 trichlorobenzene	1630	1	4	30
1,2,4 trichlorobenzene	1283	1	4	30
1,2,4,5 tetrachlorobenzene	1631	0,05	300	500
1,3 dichlorobenzene	1164	1	300	500
1,3,5 trichlorobenzene	1629	1	4	30
1,4 dichlorobenzene	1166	1	300	500
1-chloro-2-nitrobenzene	1469	0,1	300	500
1-chloro-3-nitrobenzene	1468	0,1	300	500
1-chloro-4-nitrobenzene	1470	0,1	300	500
2 chloroaniline	1593	0,1	300	500
2 chlorophenol	1471	0,1	300	500
2,4 dichlorophenol	1486	0,1	300	500
2,4,5 Trichlorophenol	1548	0,1	300	500
2,4,6 Trichlorophenol	1549	0,1	300	500
2-chloroToluene	1602	1	300	500
2-nitroToluene	2613	0,2	300	1 000
3 chloroaniline	1592	0,1	300	500
3 chlorophenol	1651	0,1	300	500
3,4 dichloroaniline	1586	0,1	300	500
3-Chloroprene (Allyl chloride)	2065	1	300	1 000
3-chloroToluene	1601	1	300	500
4 chloroaniline	1591	0,1	300	500
4 chlorophenol	1650	0,1	300	500

4-chloro-2 nitroaniline	1594	0,1	300	500
4-chloro-3-methylphenol	1636	0,1	300	500
4-chloroToluene	1600	1	300	500
Acenaphthene	1453	0,01	300	500
Chloroacetic acid	1465	25	300	500
Alachlor	1101	0,02	4	100
alpha Hexachlorocyclohexane	1200	0,02	0	
Anthracene	1458	0,01	2	10
Apha Endosulfan	1178	0,02	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Arsenic and its compounds	1369	5	10	100
Atrazine	1107	0,03	4	30
Benzene	1114	1	20	100
Benzo(a)pyrene	1115	0,01	2	10
Benzo (b) Fluoranthene	1116	0,01	2	10
Benzo(ghi)perylene	1118	0,01	2	10
Benzo (k) Fluoranthene	1117	0,01	2	10
beta-Endosulfan	1179	0,02	2	5
Biphenyl	1584	0,05	300	2 000
Cadmium and its compounds	1388	2	2	10
Chlorfenvinphos	1464	0,5	4	100
C10-C13-chloroalkanes	1955	10	2	10
Chlorobenzene	1467	1	300	1 000
Chloroform	1135	1	20	100
Chloroprene	2611	1	300	1 000
Chlorpyrifos	1083	0,05	4	100
Methylene chloride	1168	5	20	100
Vinyl chloride	1753	5	300	500
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Decabromodiphenyl ether (BDE-209)	1815	0,05		
Dibutyltin cation	7074	0,02	300	500
Diuron	1177	0,05	4	30
Epichlorhydrin	1494	0,5	300	500
Ethylbenzene	1497	1	300	1 000
Fluoranthene	1191	0,01	4	30
gamma isomer Lindane	1203	0,02	2	5
Heptabromodiphenyl ether (BDE-183)	2910	0,05		
Hexabromodiphenyl ether (BDE-153)	2912	0,05		
Hexabromodiphenyl ether (BDE 154)	2911	0,05		
Hexachlorobenzene	1199	0,01	2	5
Hexachlorobutadiene	1652	0,5	2	10
Hexachloroethane	1656	1	300	1 000
Hexachloropentadiene	2612	0,1	300	1 000
Indeno (1,2,3-cd) Pyrene	1204	0,01	2	10
Isopropylbenzene	1633	1	300	1 000

Isoproturon	1208	0,05	4	30
Mercury and its compounds	1387	0,5	2	5
Monobutyltin cation	2542	0,02	300	500
Naphthalene	1517	0,05	20	100

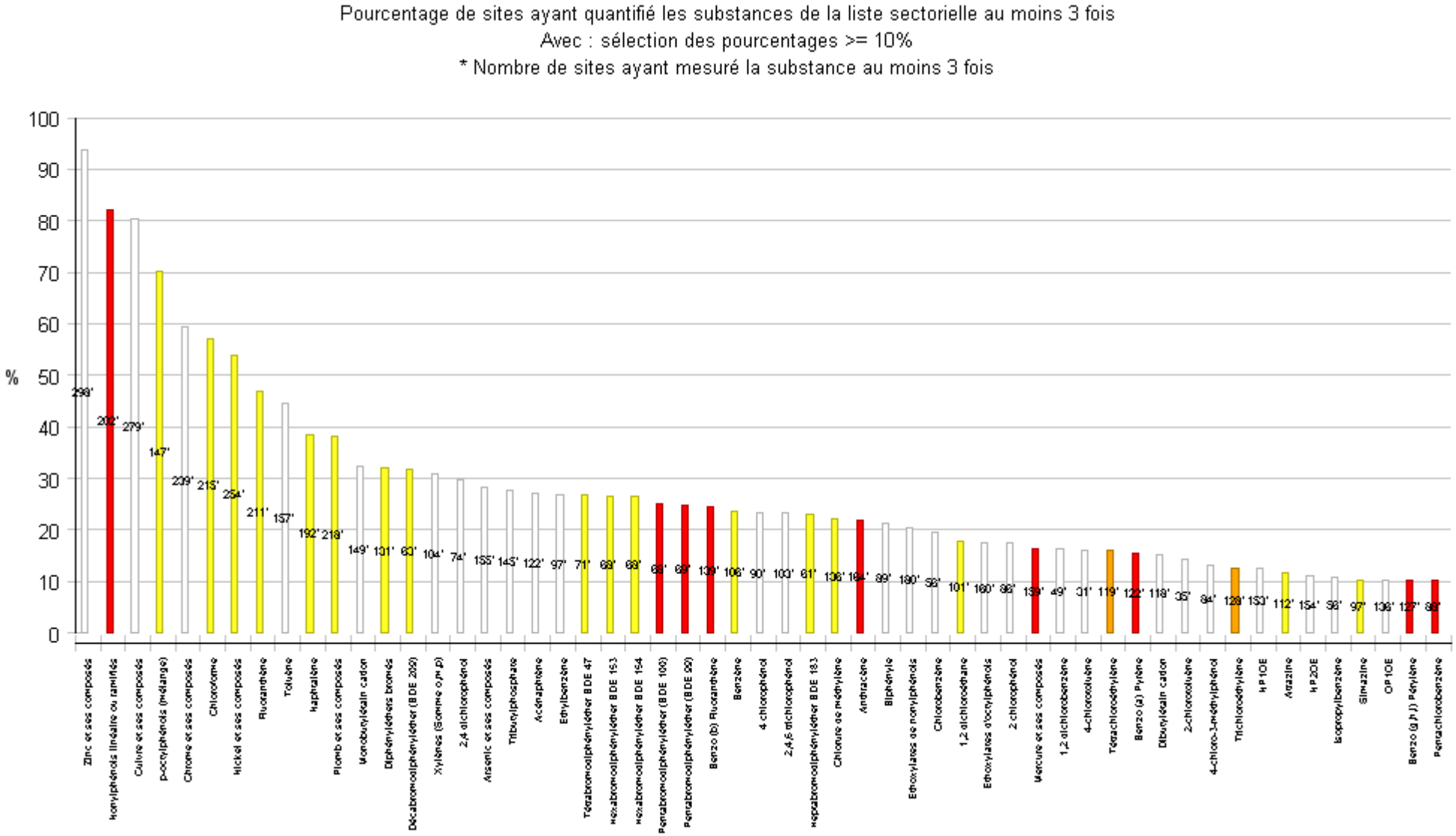
RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Nickel and its compounds	1386	10	20	100
Nitrobenzene	2614	0,2	300	1 000
Linear or branched nonylphenols	6598	0,1	2	10
NP1OE	6366	0,1	2	10
NP2OE	6369	0,1	2	10
OP1OE	6370	0,1	10	30
OP2OE	6371	0,1	10	30
p-octylphenols (mixture)	6600	0,1	10	30
PCB 101	1242	0,01		
PCB 118	1243	0,01		
PCB 138	1244	0,01		
PCB 153	1245	0,01		
PCB 180	1246	0,01		
PCB 28	1239	0,01		
PCB 52	1241	0,01		
Pentabromodiphenyl ether (BDE 100)	2915	0,05		
Pentabromodiphenyl ether (BDE 99)	2916	0,05		
Pentachlorobenzene	1888	0,02	2	5
Pentachlorophenol	1235	0,1	4	30
Lead and its compounds	1382	5	20	100
Simazine	1263	0,03	4	30
Tetrabromodiphenyl ether (BDE 47)	2919	0,05		
Tetrachlorethylene	1272	0,5	2	5
Carbon tetrachloride	1276	0,5	2	5
Toluene	1278	1	300	1 000
Tributyltin cation	2879	0,02	2	5
Tributyl phosphate	1847	0,1	300	2 000
Trichloroethylene	1286	0,5	2	5
Trifluralin	1289	0,05	4	100
Triphenyltin cation	6372	0,02	300	500
Xylenes (total o, m, p)	1780	2	300	500
Zinc and its compounds	1383	10	200	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	0	8	23,877573428493	73,95246949448	313,4913329766	255,666666666667	642,343673397294	12627,1771771772
Nickel and its compounds	1386	10.00	0	1,38781094527363	4,21178582111876	6,48874914205053	55,0705726485593	24,4802662349343	100,80900816708	3982,26236663434
Copper and its compounds	1392	5.00	0	2,5	3,54558204768583	11,7075138268365	80,2808115959806	32	95,0209586414681	8961,86425648022
Chloroform	1135	1.00	0	0,066225735148663 9	0,5	0,846703871642832	157,062101685223	5,616666666666667	55,6514128284826	33264,0372938531
Chrome and its compounds	1389	5.00	0	0	2,5	4,49209486166008	30,4283927301688	12,0209332833583	55,2333333333333	2276,90957403468
Toluene	1278	1.00	0	0	0,25	0,5	2296,63225847852	2,974984671980 38	35,7174392935982	208997,230796906
Methylene chloride	1168	5.00	0	0	0,023244955134191 4	2,5	853,790729340118	2,5	33,3233794610342	232259,833178377
Lead and its compounds	1382	5.00	0	0	1,81964895173086	2,5	7,629544744023	5,631064709806 54	17,5713619666572	186,666666666667
Chloroacetic acid	1465	25.00	0	0	5	12,5	23,3148281771679	12,5	15,2432712215321	565,513888888889
Xylenes (total o, m, p)	1780	2.00	0	0	0,5	1	229,789088240013	1,3	10,7070516279906	23338,5261808861
C10-C13-chloroalkanes	1955	10.00	0	0	0	5	20,5624387377123	5	8,15722397476341	1364,1268 1912682
Arsenic and its compounds	1369	5.00	0	0,255006986492781	1,66294683776352	2,5	9,5717684549906	3,79638752052545	7,58122302158273	534,78176133826
Linear or branched nonylphenols	6598	0.10	0	0,044556376461142 9	0,05	0,197702386629425	65,6458810086657	1,08771856936416	4,23455216142925	20148,8024806202
Benzene	1114	1.00	0	0	0,1	0,5	49,8180760884407	0,5	3,15012239497188	8757,69921717948
1,2 dichloroethane	1161	2.00	0	0	0,1	0,5	11,9167787994141	1	2,95843920145191	1253,939393939393
Ethylbenzene	1497	1.00	0	0	0,1	0,5	60,0096246304678	0,5	2,8979057591623	3660,05602343464
1,1 dichloroethane	1160	5.00	0	0	0	0,5	1,0246439	2,5	2,5	7,0833333

							10178			3333333
1,2 Dichloroethylene	1163	5.00	0	0	0,1	1	1,7325842 7694318	2,5	2,5	42,637759 1427906
Vinyl chloride	1753	5.00	0	0	0	0,25	7,3307689 5966945	2,5	2,5	760,39757 979897
Chlorobenzene	1467	1.00	0	0	0	0,5	87,164014 6945488	0,5	2,4643815 3016515	12629,242 6566343
1,1 Dichloroethylene	1162	2.50	0	0	0	0,5	0,5799367 47681788	1,25	1,25	5,5144256 9406641
Cadmium and its compounds	1388	2.00	0	0	0,1814988 43371724	0,6492451 59693622	0,7460723 3957812	1	1	5,1182730 9236948
Nonylphenol ethoxylates	6366, 6369	0.10	0	0	0,02	0,1	11,370267 0203403	0,1347932 1444187	0,7796551 72413793	2878,5390 3875969
Mercury and its compounds	1387	0.50	0	0	0,0430546 80286664 8	0,1	0,3665185 11795288	0,25	0,5318042 29195089	20,530218 4087363
Isopropylbenzene	1633	1.00	0	0	0,1	0,5	0,7533826 02663877	0,5	0,5	30,005
1,1,2 trichloroethane	1285	1.00	0	0	0	0,25	1,7746485 6917055	0,5	0,5	284,16210 7513306
1,1,2,2 tetrachloroethane	1271	1.00	0	0	0	0,5	0,3684717 13805144	0,5	0,5	4,3766871 1656442
1,2 dichlorobenzene	1165	1.00	0	0	0	0,25	2,5696891 1275885	0,5	0,5	293,13330 1982347
1,2,3 trichlorobenzene	1630	1.00	0	0	0	0,25	0,2914015 74449265	0,5	0,5	2,5202442 3238638
1,2,4 trichlorobenzene	1283	1.00	0	0	0	0,25	0,3261778 62084263	0,5	0,5	7,3542758 9484845
1,3 dichlorobenzene	1164	1.00	0	0	0	0,5	0,3904932 48275323	0,5	0,5	3,4580458 5080759
1,3,5 trichlorobenzene	1629	1.00	0	0	0	0,25	0,2733101 52073706	0,5	0,5	1,75
1,4 dichlorobenzene	1166	1.00	0	0	0	0,5	1,8005061 8849031	0,5	0,5	183,28356 2480904
2-chloroToluene	1602	1.00	0	0	0	0,25	2,7850699 3538104	0,5	0,5	198,86864 4962927
3-Chloroprene (Allyl chloride)	2065	1.00	0	0	0	0,5	0,3415796 15203023	0,5	0,5	2,5833333 3333333
3-chloroToluene	1601	1.00	0	0	0	0,1	0,2937050 36343726	0,5	0,5	3,5296470 5882353

4-chloroToluene	1600	1.00	0	0	0	0,1	2,85263179664934	0,5	0,5	172,547425251775
Chloroprene	2611	1.00	0	0	0	0,5	0,508142746648733	0,5	0,5	29,3333333333333
Hexachloroethane	1656	1.00	0	0	0	0,5	0,294973358377728	0,5	0,5	2,10223923531293
Tributyl phosphate	1847	0.10	0	0	0,027468876313662 1	0,05	9,756891253167 96	0,106078807106981	0,469646799116998	2036,27666666667

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Naphthalene	1517	0.05	0	0	0,01	0,025	29,3342131273766	0,088333333333333	0,431	7124,52500979827
Octylphenol ethoxylates	6370, 6371	0.10	0	0	0,02	0,1	16,6198588822511	0,1	0,43	3669,90959379845
Tetrachlorethylene	1272	0.50	0	0	0,025477365372237	0,25	5,42088678872402	0,25	0,372946428571429	1346,617822322357
2,4 dichlorophenol	1486	0.10	0	0	0,016467958271237	0,05	5,20343319131397	0,094285714285714	0,36859133126935	877,491084740299
NP1OE	6366		0	0	0,01	0,05	7,020003105900055	0,061069406450792	0,366052283526281	1854,26443410853
4 chlorophenol	1650	0.10	0	0	0,01	0,05	1,616842080933833	0,05	0,346508675412611	117,996210761573
Trichloroethylene	1286	0.50	0	0	0,025477365372237	0,25	1,955627614529221	0,25	0,333151183970856	157,330743435083
2,4,6 Trichlorophenol	1549	0.10	0	0	0,025	0,05	0,359341517012722	0,05	0,311260567823344	21,4849878682842
NP2OE	6369		0	0	0,01	0,05	4,381448601998444	0,05	0,294566632904066	1024,27460465116
p-octylphenols (mixture)	6600	0.10	0	0	0,02	0,05	16,3518149420539	0,062	0,264626547161758	4304,638139534888
Epichlorhydrin	1494	0.50	0	0	0	0,25	0,292356260091804	0,25	0,25	13,6
Carbon tetrachloride	1276	0.50	0	0	0,1	0,25	0,770479278132318	0,25	0,25	80,5414411872584
1,1,1 trichloroethane	1284	0.50	0	0	0	0,25	0,510038879223668	0,25	0,25	25,0863277407367
Hexachlorobutadiene	1652	0.50	0	0	0	0,05	0,162581837735014	0,25	0,25	3,941661824520 63
OP2OE	6371		0	0	0,01	0,05	8,611062020 90398	0,05	0,198026315789474	1678,94950697674
Brominated diphenyl ethers	1815, 2910, 2912, 2919,	0.05	0	0	0,00273642	0,123071603726016	0,194315445029693	0,175	0,197884527275117	10,5100864553314

	2911, 2916, 2915									
OP1OE	6370		0	0	0,01	0,05	8,00879686134718	0,05	0,179	1990,96008682171
Biphenyl	1584	0.05	0	0	0,005	0,025	6,818849506420 49	0,025	0,150769230769231	1071,42576744186
2 chlorophenol	1471	0.10	0	0	0,009928631402183 04	0,05	0,532951236728054	0,05	0,142081202803833	51,1517885615251
4-chloro-3-methylphenol	1636	0.10	0	0	0,017518223312214 7	0,05	14,426461615101	0,05	0,13106976744186	2311,593636363 64
2-nitroToluene	2613	0.20	0	0	0,05	0,1	1,79853540104158	0,1	0,130622618742221	166,022115384615
Nitrobenzene	2614	0.20	0	0	0,05	0,1	2,91096626209921	0,1	0,123378624535316	335,553712190651
Decabromodiphenyl ether (BDE-209)	1815	0.50	0	0	0,003365757006955 91	0,025	0,066261804584165 5	0,025	0,112929357437611	1,5014409221902
Fluoranthene	1191	0.01	0	0	0,005	0,006568149003753 97	0,525571798972685	0,026738836265223 3	0,093	162,563044368601
3 chlorophenol	1651	0.10	0	0	0,01	0,05	0,177399261474623	0,05	0,088256324979213 7	14,0118197573657
Acenaphthene	1453	0.01	0	0	0,0025	0,005	0,128339277323623	0,009709205020920 5	0,079150020383204 2	19,4188566552901
Monobutyltin cation	2542	0.02	0	0	0,005	0,01	0,230603985787544	0,018024028268551 2	0,072109589041095 9	49,7233614060784
Dibutyltin cation	7074	0.02	0	0	0	0,01	0,140046902857784	0,01	0,050575750858916 1	13,7620743317466
Pentachlorophenol	1235	0.10	0	0	0	0,05	0,068167595753216 8	0,05	0,05	2,80317002881844
1-chloro-2-nitrobenzene	1469	0.10	0	0	0,005	0,05	0,671034738179671	0,05	0,05	134,159680721051
1-chloro-3-nitrobenzene	1468	0.10	0	0	0,0050954	0,05	0,0321650	0,05	0,05	0,6005763

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1-chloro-4-nitrobenzene	1470	0.10	0	0	0	0,05	0,041992313868846 9	0,05	0,05	0,816339668914776
2 chloroaniline	1593	0.10	0	0	0,01	0,05	1,71203333603595	0,05	0,05	320,839086294416
2,4,5 Trichlorophenol	1548	0.10	0	0	0	0,05	0,27200284409845	0,05	0,05	35
3 chloroaniline	1592	0.10	0	0	0,01	0,05	0,155214258314415	0,05	0,05	21,982
3,4 dichloroaniline	1586	0.10	0	0	0	0,05	0,258108902865744	0,05	0,05	23,394
4 chloroaniline	1591	0.10	0	0	0,01	0,05	1,73646222916973	0,05	0,05	244,393083768097
4-chloro-2 nitroaniline	1594	0.10	0	0	0,01	0,05	0,037835918427475	0,05	0,05	0,146326905417815
Hexachloropentadiene	2612	0.10	0	0	0,005	0,05	0,036618300875249 5	0,05	0,05	0,508333333333333
Benzo (b) Fluoranthene	1116	0.01	0	0	0,0025	0,005	0,786978975499344	0,007833333333333 33	0,042431073125177 6	204,629061433447

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Diuron	1177	0.05	0	0	0,004807692307692 31	0,0125	7,08843838982769	0,025	0,042009336798536 9	1402,5
Anthracene	1458	0.01	0	0	0,0025	0,005	0,404504981347291	0,006458733205374 28	0,039393576483396 8	125,3
PCB	1246, 1245, 1244, 1243, 1242, 1239, 1241	0.01	0	0	0,003566831152113 28	0,035	0,024169258391187 6	0,035	0,035	0,133622699386503
Isoproturon	1208	0.05	0	0	0	0,0125	1,89110518962901	0,025	0,028349022082018 9	163,663006430868
Atrazine	1107	0.03	0	0	0,005	0,0125	0,028911459502537 8	0,015	0,027228510925016 8	2,70009303174024
1,2,4,5 tetrachlorobenzene	1631	0.05	0	0	0,004541634066419 29	0,025	0,030953204036190 6	0,025	0,025	1,5014409221902
Chlorfenvinphos	1464	0.05	0	0	0	0,01	0,018393702622733 8	0,025	0,025	0,600576368876081
Chlorpyrifos	1083	0.05	0	0	2,32449551341914E-4	0,01	0,038991650959073 3	0,025	0,025	3,53080460321266
Heptabromodiphenyl ether BDE 183	2910	0.50	0	0	7,57333333333333E-7	0,013018405023311 8	0,026116362543190 2	0,025	0,025	1,5014409221902
Hexabromodiphenyl ether BDE 153	2912	0.50	0	0	0	0,010545792765841 7	0,024953652606086 2	0,025	0,025	1,5014409221902
Hexabromodiphenyl ether BDE 154	2911	0.50	0	0	0	0,010545792765841 7	0,024966807896500 2	0,025	0,025	1,5014409221902
Pentabromodiphenyl ether	2915	0.50	0	0	7,5733333	0,0130184	0,0252137	0,025	0,025	1,5014409

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

(BDE 100)					3333333E-7	050233118	682583829			221902
Pentabromodiphenyl ether (BDE 99)	2916	0.50	0	0	6,05714285714286E-7	0,010911602209944 8	0,024885835358946 9	0,025	0,025	1,5014409221902
Tetrabromodiphenyl ether BDE 47	2919	0.50	0	0	7,57333333333333E-7	0,010833333333333 3	0,024862661519594 4	0,025	0,025	1,5014409221902
Trifluralin	1289	0.05	0	0	0,005	0,01	0,048805220996847 1	0,025	0,025	5,60634005763689
Simazine	1263	0.03	0	0	0,005	0,012439271255060 7	0,015164738078966 2	0,015	0,024837120314246	0,3499863 57435198
Hexachlorocyclohexane	1200 ,1203	0.02	0	0	0,002038189229779 02	0,015769230769230 8	0,025986407323643 9	0,02	0,02	0,718717067878926
Tributyltin cation	2879	0.02	0	0	0	0,01	0,032423075903086 6	0,01	0,018347107438016 5	3,86416666666667
Benzo(a)pyrene	1115	0.01	0	0	5,0E-4	0,005	0,756246907133269	0,005	0,016214723926380 4	182,70923890785
Indeno (1,2,3-cd) Pyrene	1204	0.01	0	0	0,002	0,005	0,585413106670183	0,005	0,0135	141,53714334471
Benzo(ghi)perylene	1118	0.01	0	0	0,002084615384615 38	0,005	0,429242925544898	0,005	0,013493224932249 3	107,920153583618
Pentachlorobenzene	1888	0.02	0	0	0,004537133009478 38	0,01	0,021111762932589 4	0,01	0,013128075709779 2	1,34791781450872
Hexachlorobenzene	1199	0.01	0	0	5,09547307444754E-4	0,005	0,018977871365024 3	0,005	0,011845411099847 4	2,07388288465317
Benzo (k) Fluoranthene	1117	0.01	0	0	0,002	0,005	0,35375524103717	0,005	0,010175913396481 7	83,4695119453925
Alachlor	1101	0.02	0	0	0,002103653312857 35	0,01	0,021896388719040 5	0,01	0,01	2,72042240587695
alpha Hexachlorocyclohexane	1200		0	0	0	0,01	0,0141216	0,01	0,01	0,7187170

							055849635			67878926
gamma isomer Lindane	1203	0.02	0	0	0,005	0,01	0,013670946018899	0,01	0,01	0,63
Apha Endosulfan	1178	0.02	0	0	0,005	0,01	0,022748333680520	0,01	0,01	2,75436360584992
beta-Endosulfan	1179	0.02	0	0	0,002538924443595	0,01	0,019531171254977	0,01	0,01	2,14937300407576
Triphenyltin cation	6372	0.02	0	0	0	0,01	0,009125934914787	0,01	0,01	0,1504
PCB 118	1243		0	0	9,8760879 1857206E-4	0,005	0,003810342875281	0,005	0,005	0,014383435582822
PCB 138	1244		0	0	6,7950169 8754247E-4	0,005	0,003949940804075	0,005	0,005	0,022888040596826
PCB 153	1245		0	0	5,8823529 4117647E-4	0,005	0,004180582411544	0,005	0,005	0,037339183779308
PCB 180	1246		0	0	5,0954730 7444754E-4	0,005	0,003996748558124	0,005	0,005	0,038328007300614
PCB 101	1242		0	0	0	0,005	0,003901055443	0,005	0,005	0,064156427221172
PCB 28	1239		0	0	0	0,005	0,003750547871328	0,005	0,005	0,021243902439024
PCB 52	1241		0	0	5,0954730 7444754E-4	0,005	0,003915102386662	0,005	0,005	0,026176151761517

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	0,189517666666667	4,504324	18,2475455	416,035540964185	84,61586666666667	277,1051666666667	37619,7540905	129803,088780826	28,98	200	500
Copper and its compounds	1392	0	0	0,038282166666666667	1,4961875	40,6780631759465	9,01763624	56,473288768	1990,596666666667	12366,131205487 77	16,1	200	500
Toluene	1278	0	0	0	0	300,764503357336	0,41	49,9588	11261,887135	64664,368221827 2	17,42	300	1000
Nickel and its compounds	1386	0	0	0	0	59,5951426407963	2,819	36,658684	5494,504166666667	17282,591365830 9	31,79	20	100
Chrome and its compounds	1389	0	0	0	0,04211936	24,4011748583458	2,8474304	32,568	1833,401708333 33	7027,538359203 59	26,09	200	500
Chloroform	1135	0	0	0	0,016383333333333	58,5334037201215	2,65786	27,924973714285 7	8519,851344	14867,484544910 9	57,31	20	100
Arsenic and its compounds	1369	0	0	0	0	12,1567333976651	0	8,461833333333 33	658,589375	2516,443813316 67	26,17	10	100
Methylene chloride	1168	0	0	0	0	142,904796917277	0	3,9148295	10232,9552	33868,436869394 7	30,21	20	100
Linear or branched nonylphenols	6598	0	0	0	0,0208475	4,11292199861764	0,394560833333333	2,418306666666667	507,9320773333333	1044,682187648 88	48,62	2	10
Xylenes (total o, m, p)	1780	0	0	0	0	32,108677381817	0	1,67820048	1993,40952	5458,475154908 89	36,52	300	500
Lead and its compounds	1382	0	0	0	0	7,52744990093669	0,09662	1,6775	417,544315416667	2054,993822955 72	20,32	20	100
Benzene	1114	0	0	0	0	99,0548962433815	0	1,662688	11130,07632	17433,666173883	63,84	20	100

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

										51			
Ethylbenzene	1497	0	0	0	0	8,30777455625	0	0,5203644	491,1497473333333	1395,70612545	35,19	300	1000
Chlorobenzene	1467	0	0	0	0	12,9015237575	0	0,4128666666666667	698,245568	1599,78894593	43,65	300	1000
Tributyl phosphate	1847	0	0	0	0	16,81698672855	0,001976716666666667	0,38556	3434,37378984	3699,737080281	92,83	300	2000
Naphthalene	1517	0	0	0	0	10,5494982891801	0,007633333333333333	0,1858	796,0437543333333	2563,528084270 76	31,05	20	100
Nonylphenol ethoxylates	6366, 6369	0	0	0	0	0,387466104069946	0,00326592	0,0892883333333333333	30,944294666666667	88,342271727947 6	35,03	2	10
4 chlorophenol	1650	0	0	0	0	0,249448117845304	0	0,05636944	23,64	45,150109 33	52,36	300	500
C10-C13-chloroalkanes	1955	0	0	0	0	1,82789016439898	0	0,04524	172,0214	376,5453738661 91	45,68	2	10
Fluoranthene	1191	0	0	0	0	0,190092910537882	0,004210416	0,0434046666666667	19,371632	49,4241567398494	39,19	4	30
2,4 dichlorophenol	1486	0	0	0	0	42,1823243313203	5,6E-6	0,0429575	6271,68852	6327,348649698 04	99,12	300	500
NP1OE	6366	0	0	0	0	0,236550602063743	0	0,037036	23,71968	53,933537270533 4	43,98		
Octylphenol ethoxylates	6370, 6371	0	0	0	0	0,295651372492237	0	0,03344	39,451528133333 33	64,7476505758	60,93	10	30
NP2OE	6369	0	0	0	0	0,15158032800623	0	0,0327008666666667	11,18036	34,408734457414 3	32,49		
2,4,6 Trichlorophenol	1549	0	0	0	0	0,061818767454435 6	0	0,0303206666666667	6,183253728	12,178297188523 8	50,77	300	500
Monobutyltin cation	2542	0	0	0	0	0,029973165191494	3,85E-4	0,027075333333	1,6304860512	6,564123176937	24,84	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

						7		3333		33			
p-octylphenols (mixture)	6600	0	0	0	0	0,397120178912281	0	0,0256	46,27486	90,543400792	51,11	10	30
2 chlorophenol	1471	0	0	0	0	0,093899011568518 5	0	0,0166694	5,26267333333333	16,90182208233 33	31,14	300	500
Acenaphthene	1453	0	0	0	0	0,312445319062752	0	0,01560933333333333	27,40067508333 33	60,30194657911 11	45,44	300	500
Decabromodiphenyl ether (BDE-209)	1815	0	0	0	0	0,020040535002214 1	0	0,0129213	1,258875	2,3447425952590 5	53,69		
Biphenyl	1584	0	0	0	0	0,770816588258249	0	0,01149	85,220490416666 66	124,1014707095 78	68,67	300	2000
OP1OE	6370	0	0	0	0	0,140724680643836	0	0,01040285	21,40282093333 33	30,818705061	69,45		
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0	0	0	0	0,021387271748635 9	0	0,0098951666666 66667	1,258875	2,9086689578144 8	43,28	2	5
Anthracene	1458	0	0	0	0	0,235333483866874	0	0,00932788	36,132252	58,833370966718 6	61,41	2	10
Benzo (b) Fluoranthene	1116	0	0	0	0	0,202605134290007	0	0,0091418638333 33333	24,254316	41,12884226087 14	58,97	2	10
OP2OE	6371	0	0	0	0	0,154926691848402	0	0,0090853166666 66667	18,0487072	33,9289455148	53,2		
Dibutyltin cation	7074	0	0	0	0	0,067395269291201 2	0	0,008483	4,5222729901714 3	13,5464491275314	33,38	300	500
4-chloro-3-methylphenol	1636	0	0	0	0	0,129837643735859	0	0,00801935	17,1027402	23,5006135161905	72,78	300	500
Mercury and its	1387	0	0	0	0	0,7246052	0	0,0075	91,9623	154,340	59,58	2	5

compounds						93658842			75	927549333			
Benzo(ghi)perylene	1118	0	0	0	0	0,087685589822333 3	0	0,0038435	12,7612368	17,537117964466 7	72,77	2	10

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Benzo(a)pyrene	1115	0	0	0	0	0,150235929192458	0	0,0026691111111111	21,59895544	28,995534334144	74,49	2	10
Indeno (1,2,3-cd) Pyrene	1204	0	0	0	0	0,105030960716497	0	0,0016416	16,734832	20,586068300433	81,29	2	10
Tributyltin cation	2879	0	0	0	0	0,004142092876882 26	0	0,00101668	0,5507476	0,832560668253333	66,15	2	5
Atrazine	1107	0	0	0	0	0,021535828177883 1	0	0,0010109333333 33333	1,362570376	4,544059745533 33	29,99	4	30
3 chlorophenol	1651	0	0	0	0	0,072186941623595 5	0	8,666666666666 67E-4	9,482817744	12,849275609	73,8	300	500
Simazine	1263	0	0	0	0	0,008611756466998 34	0	5,6476E-4	0,66669	1,730963049866 67	38,52	4	30
Benzo (k) Fluoranthene	1117	0	0	0	0	0,065362619274070 2	0	5,459328E-4	9,8829988	12,418897662073 3	79,58	2	10
Hexachlorobenzene	1199	0	0	0	0	0,144861773875878	0	4,94575E-4	14,146752334553 3	28,972354775175 56	48,83	2	5
1,1 dichloroethane	1160	0	0	0	0	0,010625	0	0	1,7	1,7	100	300	2000
1,1 Dichloroethylene	1162	0	0	0	0	0,013784519427402 9	0	0	1,74074	2,246876666666 67	77,47	300	2000
1,1,1 trichloroethane	1284	0	0	0	0	6,3689822070021	0	0	936,4352916666 67	1012,668170913 33	92,47	300	1000
1,1,2 trichloroethane	1285	0	0	0	0	10,9104480453782	0	0	1818,51814	1854,776167714 29	98,05	300	2000
1,1,2,2 tetrachloroethane	1271	0	0	0	0	1,918168452266667	0	0	287,59151088	287,72526784	99,95	300	2000
1,2 dichlorobenzene	1165	0	0	0	0	4,2071155	0	0	294,446	504,853	58,32	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

						0388889			88	8604666 67			
1,2 dichloroethane	1161	0	0	0	0	43,325225 4778536	0	0	2196,76 3733333 33	8881,67 122296	24,73	20	100
1,2 Dichloroethylene	1163	0	0	0	0	0,2718409 17101449	0	0	30,5073 1666666 67	31,2617 0546666 67	97,59	300	2000
1,2,3 trichlorobenzene	1630	0	0	0	0	2,3173735 5483683	0	0	330,869 76	331,384 4183416 67	99,84	4	30
1,2,4 trichlorobenzene	1283	0	0	0	0	7,1146804 6608696	0	0	981,36	981,825 90432	99,95	4	30
1,2,4,5 tetrachlorobenzene	1631	0	0	0	0	0,2624184 05736111	0	0	26,5167 11448	44,0862 9216366 67	60,15	300	500
1,3 dichlorobenzene	1164	0	0	0	0	0,4366579 64376812	0	0	48,2424	50,2156 6590333 33	96,07	300	500
1,3,5 trichlorobenzene	1629	0	0	0	0	0,0030882 35294117 65	0	0	0,42	0,42	100	4	30
1,4 dichlorobenzene	1166	0	0	0	0	1,2792788 2537356	0	0	132,841 44	148,396 3437433 33	89,52	300	500
1-chloro-2-nitrobenzene	1469	0	0	0	0	0,1000954 96402116	0	0	9,44863 5	18,9180 4882	49,95	300	500
1-chloro-3-nitrobenzene	1468	0	0	0	0	2,1651063 8297872E-4	0	0	0,0282	0,04070 4	69,28	300	500
1-chloro-4-nitrobenzene	1470	0	0	0	0	0,2180293 45185185	0	0	27,6821 0208	41,2075 4624	67,18	300	500
2 chloroaniline	1593	0	0	0	0	1,6359042 2226257	0	0	252,821 2	292,826 855785	86,34	300	500
2,4,5 Trichlorophenol	1548	0	0	0	0	0,0182089 19447731 8	0	0	1,67927 94	3,07730 7386666 67	54,57	300	500
2-chloroToluene	1602	0	0	0	0	0,6836075 7868217	0	0	31,6933 645	58,7902 5176666 67	53,91	300	500
2-nitroToluene	2613	0	0	0	0	38,654120	0	0	3516,25	3904,06	90,07	300	1000

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

						9268713			728	6213614			
3 chloroaniline	1592	0	0	0	0	0,044594028014981 3	0	0	4,748112	7,9377369866666 67	59,82	300	500
3,4 dichloroaniline	1586	0	0	0	0	1,00510030171821	0	0	164,912448	194,9894585333 33	84,58	300	500
3-Chloroprene (Allyl chloride)	2065	0	0	0	0	0,004742366451612 9	0	0	0,62	0,7350668	84,35	300	1000
3-chloroToluene	1601	0	0	0	0	0,018976004016064 3	0	0	1,45	1,575008333333 33	92,06	300	500
4 chloroaniline	1591	0	0	0	0	0,592407802062615	0	0	88,44348	107,2258121733 33	82,48	300	500
4-chloro-2 nitroaniline	1594	0	0	0	0	7,3787624750499E-5	0	0	0,010623333333333333	0,012322533333333333	86,21	300	500
4-chloroToluene	1600	0	0	0	0	0,559033271124498	0	0	27,498595583333 33	46,399761503333 33	59,26	300	500
Chloroacetic acid	1465	0	0	0	0	2,07724287135678	0	0	207,5008184	413,3713314	50,2	300	500
Alachlor	1101	0	0	0	0	0,001803016217845 12	0	0	0,197502666666667	0,3569972111333 33	55,32	4	100
alpha Hexachlorocyclohexane	1200	0	0	0	0	0,188730746582702	0	0	26,773248	33,216611398555 6	80,6		
Apha Endosulfan	1178	0	0	0	0	0,028465474257201 6	0	0	4,59538024	4,6114068296666 7	99,65	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
beta-Endosulfan	1179	0	0	0	0	0,022224863125514	0	0	3,58601392	3,600427826333333	99,6	2	5
Cadmium and its compounds	1388	0	0	0	0	0,087258879755671 9	0	0	4,48115833333333	16,666446033333 33	26,89	2	10
Chlorfenvinphos	1464	0	0	0	0	7,4874251497006E-5	0	0	0,012504	0,012504	100	4	100
Chloroprene	2611	0	0	0	0	0,049929574468085 1	0	0	7,04	7,04007	100	300	1000
Chlorpyrifos	1083	0	0	0	0	0,037790702772151 9	0	0	5,8907944	5,970931038	98,66	4	100
Vinyl chloride	1753	0	0	0	0	56,2942421333333	0	0	6461,795266666667	7036,780266666667	91,83	300	500
Diuron	1177	0	0	0	0	2,66078828967568	0	0	337,68551232	492,24583359	68,6	4	30
Epichlorhydrin	1494	0	0	0	0	0,054741208651399 5	0	0	4,990656	7,171098333333 33	69,59	300	500
gamma isomer Lindane	1203	0	0	0	0	0,156744079154386	0	0	21,889584	26,80323 75354	81,67	2	5
Heptabromodiphenyl ether BDE 183	2910	0	0	0	0	9,05189118996273E-4	0	0	0,03126	0,104096748684571	30,03		
Hexabromodiphenyl ether BDE 153	2912	0	0	0	0	8,60303708136954E-4	0	0	0,03126	0,104096748684571	30,03		
Hexabromodiphenyl ether BDE 154	2911	0	0	0	0	8,60303708136954E-4	0	0	0,03126	0,104096748684571	30,03		
Hexachlorobutadiene	1652	0	0	0	0	1,60174210995206	0	0	203,80112928	238,6595743828 57	85,39	2	10
Hexachlorocyclohex	1200	0	0	0	0	0,3279773	0	0	48,6628	60,0198	81,08	2	5

ane	,1203					16578992			32	4893395 56			
Hexachloroethane	1656	0	0	0	0	2,5263137 44	0	0	264,458 87712	265,262 94312	99,7	300	1000
Hexachloropentadiene	2612	0	0	0	0	9,0154946 8181818E-4	0	0	0,122	0,15867 27064	76,89	300	1000
Isopropylbenzene	1633	0	0	0	0	0,1480619 77119342	0	0	17,6429 4	19,9883 6691111 11	88,27	300	1000
Isoproturon	1208	0	0	0	0	0,6727532 5306963	0	0	52,9996 8	121,095 5855525 33	43,77	4	30
Nitrobenzene	2614	0	0	0	0	0,6063055 85128205	0	0	21,9653 46	63,0557 8085333 33	34,83	300	1000
PCB 101	1242	0	0	0	0	0,0011978 66981240 98	0	0	0,10082 9830444 444	0,18447 1515111 111	54,66		
PCB 118	1243	0	0	0	0	1,8441965 2777778E-5	0	0	0,00164 16	0,00265 5643	61,82		
PCB 138	1244	0	0	0	0	0,0014476 92299061 03	0	0	0,20301 4122666 667	0,20557 2306466 667	98,76		
PCB 153	1245	0	0	0	0	0,0024470 34422369 39	0	0	0,33119 3996444 444	0,36950 2197777 778	89,63		
PCB 180	1246	0	0	0	0	0,0024285 55377462 57	0	0	0,33996 4740222 222	0,34242 6308222 222	99,28		
PCB 28	1239	0	0	0	0	5,1247959 8591549E-4	0	0	0,06229 3793333 3333	0,07277 2103	85,6		
PCB 52	1241	0	0	0	0	9,2022620 0466201E-5	0	0	0,00965 9	0,01315 9234666 6667	73,4		
PCB	1246, 1245, 1244, 1243,	0	0	0	0	0,0073947 78312077 3	0	0	0,97500 2689777 778	1,19055 9308244 44	81,89	2	5

	1242, 1239, 1241												
Pentabromodiphenyl ether (BDE 100)	2915	0	0	0	0	6,04669540234192E-4	0	0	0,03126	0,073769683908 5714	42,38	2	5
Pentabromodiphenyl ether (BDE 99)	2916	0	0	0	0	5,99753527711963E-4	0	0	0,03126	0,073769683908 5714	42,38	2	5
Pentachlorobenzene	1888	0	0	0	0	0,394498248842786	0	0	70,874235216	79,294148017399	89,38	2	5
Pentachlorophenol	1235	0	0	0	0	0,003487877885668 28	0	0	0,258988608	0,721990722333 333	35,87	4	30
Tetrabromodiphenyl ether BDE 47	2919	0	0	0	0	8,46315029955865E-4	0	0	0,03126	0,104096748684 571	30,03		
Tetrachlorethylene	1272	0	0	0	0	10,8016978739063	0	0	2075,7357936	2451,985417376 72	84,66	2	5
Carbon tetrachloride	1276	0	0	0	0	1,80120124792871	0	0	156,2010192	311,6078158916 67	50,13	2	5
Trichloroethylene	1286	0	0	0	0	7,63429943088754	0	0	1215,130511428 57	1794,060366258 57	67,73	2	5
Trifluralin	1289	0	0	0	0	8,7680283446712E-4	0	0	0,116724	0,128890016666 667	90,56	4	100
Triphenyltin cation	6372	0	0	0	0	6,24106395495495E-4	0	0	0,0457437	0,092367746533 3333	49,52	300	500

4

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
6 Chemicals industry	341	142	41,6422	83	24,3402

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
1,1,1 trichloroethane	1284	1	0
1,1,2 trichloroethane	1285	1	0
1,2 dichloroethane	1161	13	10
1,2,3 trichlorobenzene	1630	1	1
1,2,4 trichlorobenzene	1283	1	1
2,4 dichlorophenol	1486	1	1
2-nitroToluene	2613	2	1
Anthracene	1458	4	1
Apha Endosulfan	1178	1	0

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Arsenic and its compounds	1369	21	5
Benzene	1114	8	6
Benzo(a)pyrene	1115	2	1
Benzo (b) Fluoranthene	1116	3	1
Benzo(ghi)perylene	1118	1	1
Benzo (k) Fluoranthene	1117	1	0
beta-Endosulfan	1179	1	0
Cadmium and its compounds	1388	4	0
C10-C13-chloroalkanes	1955	14	6
Chlorobenzene	1467	2	0
Chloroform	1135	33	14
Chlorpyrifos	1083	1	0
Methylene chloride	1168	22	15
Vinyl chloride	1753	2	2
Chrome and its compounds	1389	7	2
Copper and its compounds	1392	16	4
Diuron	1177	2	2
Octylphenol ethoxylates	6370, 6371	1	1
Nonylphenol ethoxylates	6366, 6369	5	3
Ethylbenzene	1497	2	0
Fluoranthene	1191	5	0
gamma isomer Lindane	1203	2	1
Hexachlorobenzene	1199	3	2
Hexachlorobutadiene	1652	4	2
Hexachlorocyclohexane	1200 ,1203	3	2
Indeno (1,2,3-cd) Pyrene	1204	1	1

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Isoproturon	1208	4	2
Mercury and its compounds	1387	7	4
Naphthalene	1517	8	4
Nickel and its compounds	1386	37	13
Linear or branched nonylphenols	6598	32	11
p-octylphenols (mixture)	6600	2	2
Pentachlorobenzene	1888	2	2
Lead and its compounds	1382	11	6
Tetrachlorethylene	1272	9	8
Carbon tetrachloride	1276	5	5
Toluene	1278	15	11
Tributyl phosphate	1847	1	1
Trichloroethylene	1286	8	7
Xylenes (total o, m, p)	1780	4	4
Zinc and its compounds	1383	45	23
		381	189

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Tetrachlorethylene	1272	2406,71386844286	2451,98541737672	98,15
Trichloroethylene	1286	1752,84196250857	1794,06036625857	97,7
1,2,4 trichlorobenzene	1283	951,36	981,82590432	96,9
Benzene	1114	16662,7660662347	17433,6617388351	95,58
Methylene chloride	1168	31986,153276448	33868,4368693947	94,44
Carbon tetrachloride	1276	284,846002666667	311,607815891667	91,41
2,4 dichlorophenol	1486	5771,68852	6327,348649698	91,22

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

			04	
1,2,3 trichlorobenzene	1630	300,86976	331,384418341667	90,79
Hexachlorobutadiene	1652	209,078406422857	238,659574382857	87,61
1,2 dichloroethane	1161	7762,96200733333	8881,67122296	87,4
Diuron	1177	429,92855232	492,24583359	87,34
Vinyl chloride	1753	6036,570266666667	7036,780266666667	85,79
Pentachlorobenzene	1888	66,327625616	79,2941480173999	83,65
Chloroform	1135	12355,9671739733	14867,4845449109	83,11
Nickel and its compounds	1386	14297,2450488	17282,5913658309	82,73
Zinc and its compounds	1383	102836,240683652	129803,088780826	79,22
Toluene	1278	50384,6563382	64664,3682218272	77,92
Naphthalene	1517	1993,966148838	2563,52808427076	77,78
Linear or branched nonylphenols	6598	807,46142653	1044,68218764888	77,29
Mercury and its compounds	1387	118,026187173333	154,340927549333	76,47
Hexachlorocyclohexane	1200 ,1203	45,037764548889	60,0198489339556	75,04
C10-C13-chloroalkanes	1955	268,0496768	376,545373866191	71,19
2-nitroToluene	2613	2516,25728	3904,066213614	64,45
gamma isomer Lindane	1203	16,889584	26,8032375354	63,01
Xylenes (total o, m, p)	1780	3020,5951012	5458,47515490889	55,34
Arsenic and its compounds	1369	1377,538391666667	2516,443813316667	54,74
Lead and its compounds	1382	1099,473613816667	2054,99382295572	53,5
Nonylphenol ethoxylates	6366, 6369	39,330528666666667	88,342271727947676	44,52

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Anthracene	1458	26,132252	58,8333709667186	44,42
Hexachlorobenzene	1199	12,4720559297533	28,9723547751756	43,05
Benzo(a)pyrene	1115	11,5989544	28,9955343341444	40
Tributyl phosphate	1847	1434,37378984	3699,737080281	38,77
Isoproturon	1208	43,66464	121,095585552533	36,06
Benzo (b) Fluoranthene	1116	14,254316	41,1288422608714	34,66
Indeno (1,2,3-cd) Pyrene	1204	6,734832	20,5860683004333	32,72
Copper and its compounds	1392	3496,19671666667	12366,1312054877	28,27
Chrome and its compounds	1389	1952,41604166667	7027,53835920359	27,78
p-octylphenols (mixture)	6600	20,37271	90,543400792	22,5
Benzo(ghi)perylene	1118	2,7612368	17,5371179644667	15,75
Octylphenol ethoxylates	6370, 6371	9,45152813333333	64,7476505758	14,6

Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 7 Glues and adhesives manufacturing

1 Sector data

6 sites
47 samples
22 substances in the Sector specific list

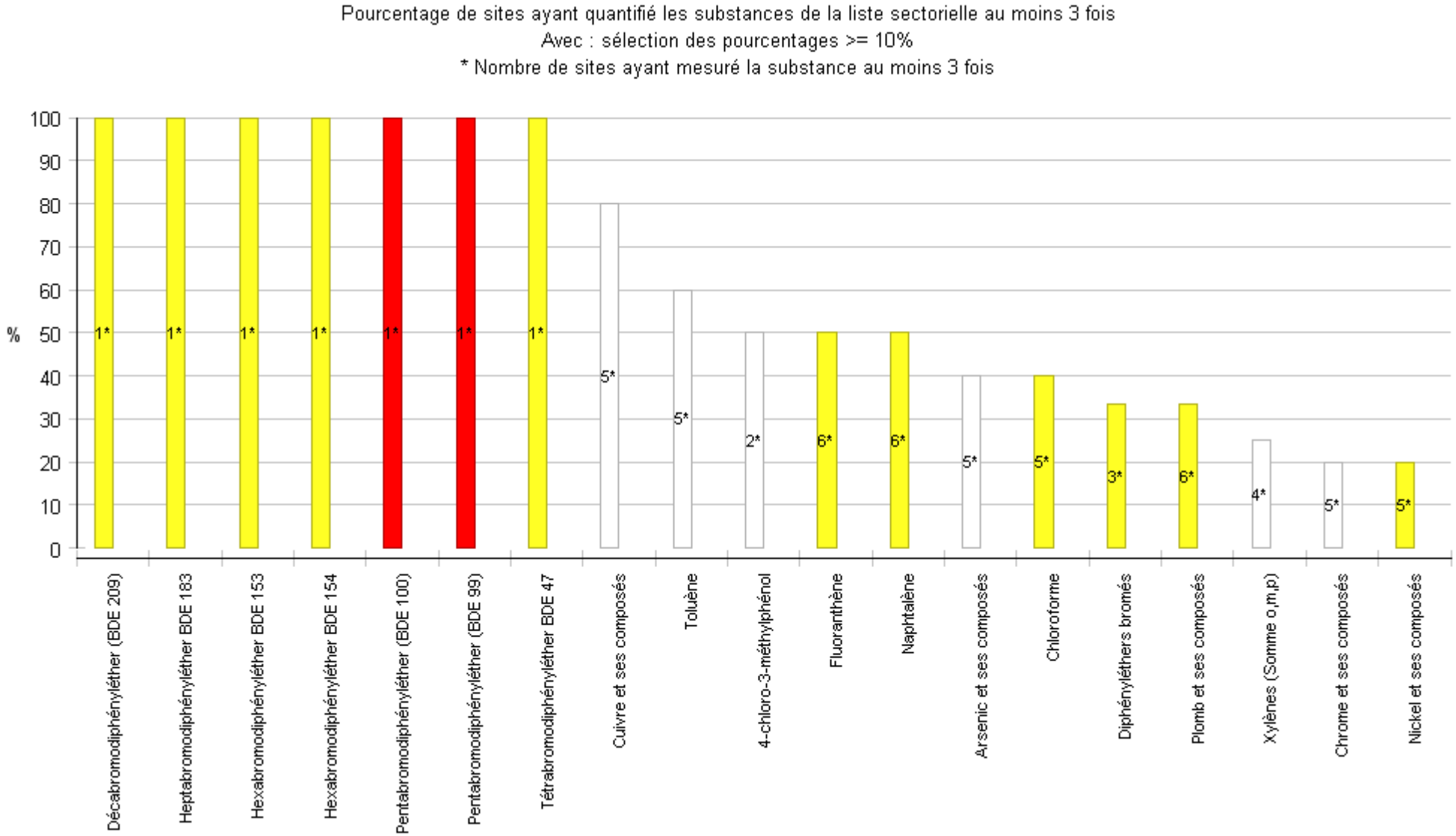
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Chloroform	1135	1	20	100
Methylene chloride	1168	5	20	100
Fluoranthene	1191	0,01	4	30
Naphthalene	1517	0,05	20	100
Lead and its compounds	1382	5	20	100
Toluene	1278	1	300	1 000
Trichloroethylene	1286	0,5	2	5
4-chloro-3-methylphenol	1636	0,1	300	500
Arsenic and its compounds	1369	5	10	100
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Decabromodiphenyl ether (BDE-209)	1815	0,05		
Heptabromodiphenyl ether (BDE-183)	2910	0,05		
Hexabromodiphenyl ether (BDE-153)	2912	0,05		
Hexabromodiphenyl ether (BDE 154)	2911	0,05		
Nickel and its compounds	1386	10	20	100
Pentabromodiphenyl ether (BDE 100)	2915	0,05		
Pentabromodiphenyl ether (BDE 99)	2916	0,05		
Pentachlorophenol	1235	0,1	4	30
Tetrabromodiphenyl ether (BDE 47)	2919	0,05		
Tributyl phosphate	1847	0,1	300	2 000
Xylenes (total o, m, p)	1780	2	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Copper and its compounds	1392	5.00	2,5	2,5	12	12,0182245737801	111,140661784625	19,0709890190876	122,036007114881	499,21875
Toluene	1278	1.00	0,209915611814346	0,209915611814346	0,732392710170488	3,7453125	10,5134707288162	7,42805041988062	11,8116104868914	47,8
Nickel and its compounds	1386	10.00	0,06816945731926 32	0,06816945731926 32	5	5	27,046373150294	5	5	142,210069444444
Lead and its compounds	1382	5.00	0	0	0,741668234449024	2,5	60,8067605784534	2,5	4,64523914805807	412,760416666667
Chloroform	1135	1.00	0,428261129829482	0,428261129829482	0,5	0,5	2,08138773751599	0,688370550519567	4,07843631778058	6,29325842696629
Arsenic and its compounds	1369	5.00	0,5	0,5	2,5	2,5	3,08336931094454	2,5	3,9212228101117	6,57899305555555
Methylene chloride	1168	5.00	0	0	1,012049524 65178	2,5	2,24293424949964	2,5	2,5	5,20262172284644
Chrome and its compounds	1389	5.00	0,138875301 44179	0,138875301 44179	2,5	2,5	51,7592569946847	2,5	2,5	300,416666666667
Xylenes (total o, m, p)	1780	2.00	0,5	0,5	1	1	256,238888888889	1	1	1277,694444444444
Trichloroethylene	1286	0.50	0	0	0	0,25	0,184644194756554	0,25	0,25	0,357865168539326
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0.05	0,175	0,175	0,175	0,208	1,82713425925926	0,208	0,208	5,09840277777778
Decabromodiphenyl ether (BDE-209)	1815	0.50	0,025	0,025	0,025	0,058	0,270415509259259	0,058	0,058	0,728246527777778
4-chloro-3-methylphenol	1636	0.10	0,05	0,05	0,05	0,05	0,356194756554307	0,05	0,05	0,968584269662921
Pentachlorophenol	1235	0.10	0,05	0,05	0,05	0,05	0,05	0,05	0,05	0,05
Tributyl phosphate	1847	0.10	0,021230378067654 2	0,021230378067654 2	0,05	0,05	0,044246075613530 8	0,05	0,05	0,05

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Naphthalene	1517	0.05	0,022887205387205 4	0,022887205387205 4	0,025	0,029041740152851 3	1,13229575352333	0,033513964665036 2	0,039863475569312 4	7,75076388888889
Heptabromodiphenyl ether BDE 183	2910	0.50	0,025	0,025	0,025	0,025	0,259641203703704	0,025	0,025	0,728923611111111
Hexabromodiphenyl ether BDE 153	2912	0.50	0,025	0,025	0,025	0,025	0,259415509259259	0,025	0,025	0,728246527777778
Hexabromodiphenyl ether BDE 154	2911	0.50	0,025	0,025	0,025	0,025	0,259415509259259	0,025	0,025	0,728246527777778
Pentabromodiphenyl ether (BDE 100)	2915	0.50	0,025	0,025	0,025	0,025	0,259415509259259	0,025	0,025	0,728246527777778
Pentabromodiphenyl ether (BDE 99)	2916	0.50	0,025	0,025	0,025	0,025	0,259415509259259	0,025	0,025	0,728246527777778
Tetrabromodiphenyl ether BDE 47	2919	0.50	0,025	0,025	0,025	0,025	0,259415509259259	0,025	0,025	0,728246527777778
Fluoranthene	1191	0.01	0,005	0,005	0,005	0,008387132434225 07	0,039146028398131 6	0,010798799363765 4	0,014176544766708 7	0,225659722222222

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Copper and its compounds	1392	0,05751	0,05751	0,086258083333333	2,46528	3,34647016666667	5,9461027 5	5,9461027 5	8,1772	16,732350833333 3	48,87	200	500
Toluene	1278	0	0	0	4,3146E-4	1,74225542111111	0,0188475	0,361925566666667	10,072328	10,453532526666 67	96,35	300	1000
Chloroform	1135	0	0	0	0	0,242498133333333	0,134424	0,134424	1,078066666666 67	1,212490666666 67	88,91	20	100
Fluoranthene	1191	0	0	0	0	7,16581972222222E-4	2,5996E-5	5,261625E-4	0,003747333333333333	0,004299491833333333	87,16	4	30
Brominated diphenyl ethers	1815, 2910, 2912, 2919, 2911, 2916, 2915	0	0	0	4,4428E-4	3,43872E-4	4,4428E-4	4,4428E-4	5,87336E-4	0,001031616	56,93	2	5
Decabromodiphenyl ether (BDE-209)	1815	0	0	0	8,3894E-5	1,76058E-4	8,3894E-5	8,3894E-5	4,4428E-4	5,28174E-4	84,12		
4-chloro-3-methylphenol	1636	0	0	0	0	0,01034448	0	0	0,02068896	0,02068896	100	300	500
Arsenic and its compounds	1369	0	0	0	0	1,5158E-4	0	0	7,579E-4	7,579E-4	100	10	100
Methylene chloride	1168	0	0	0	0	0,027782	0	0	0,111128	0,111128	100	20	100
Chrome and its compounds	1389	0	0	0	0	0,0069216	0	0	0,034608	0,034608	100	200	500
Heptabromodiphenyl ether BDE 183	2910	0	0	0	0	2,79906666666667E-5	0	0	8,3972E-5	8,3972E-5	100		
Hexabromodiphenyl ether BDE 153	2912	0	0	0	0	2,79646666666667E-5	0	0	8,3894E-5	8,3894E-5	100		

Hexabromodiphenyl ether BDE 154	2911	0	0	0	0	2,79646666666667E-5	0	0	8,3894E-5	8,3894E-5	100		
Naphthalene	1517	0	0	0	0	1,48814666666667E-4	0	0	8,92888E-4	8,92888E-4	100	20	100
Nickel and its compounds	1386	0	0	0	0	0,00327652	0	0	0,0163826	0,0163826	100	20	100
Pentabromodiphenyl ether (BDE 100)	2915	0	0	0	0	2,79646666666667E-5	0	0	8,3894E-5	8,3894E-5	100	2	5
Pentabromodiphenyl ether (BDE 99)	2916	0	0	0	0	2,79646666666667E-5	0	0	8,3894E-5	8,3894E-5	100	2	5
Pentachlorophenol	1235	0	0	0	0	0	0	0	0	0		4	30
Lead and its compounds	1382	0	0	0	0	0,007925	0	0	0,04755	0,04755	100	20	100
Tetrabromodiphenyl ether BDE 47	2919	0	0	0	0	2,79646666666667E-5	0	0	8,3894E-5	8,3894E-5	100		
Tributyl phosphate	1847	0	0	0	0	0	0	0	0	0		300	2000
Trichloroethylene	1286	0	0	0	0	0	0	0	0	0		2	5
Xylenes (total o, m, p)	1780	0	0	0	0	0,0367976	0	0	0,1471904	0,1471904	100	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
7 Glues and adhesives manufacturing	6	0	0	0	0

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
		0	0

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 8 Paint manufacturing

1 Sector data

9 sites
56 samples
22 substances in the Sector specific list

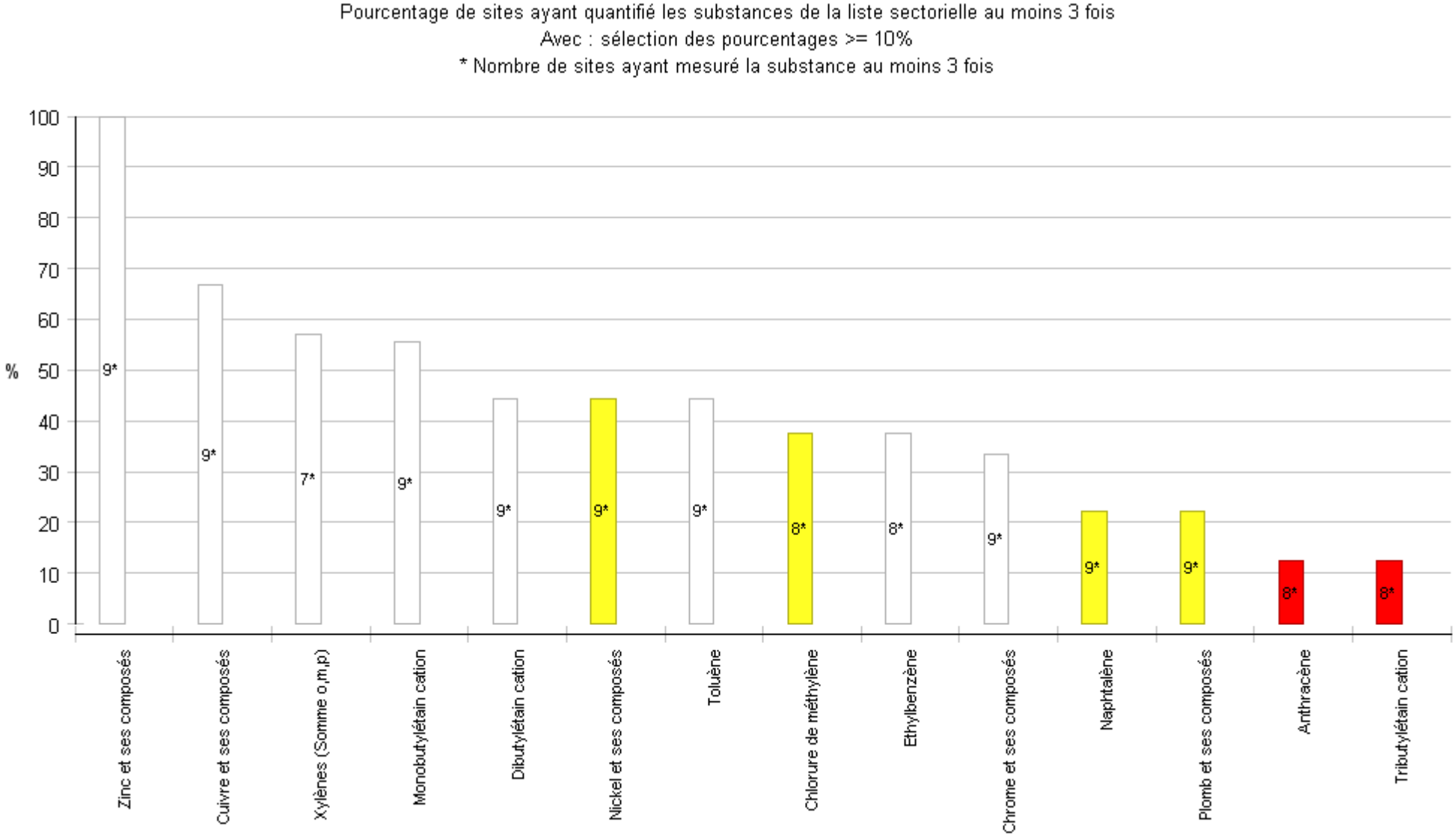
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Anthracene	1458	0,01	2	10
C10-C13-chloroalkanes	1955	10	2	10
Methylene chloride	1168	5	20	100
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Dibutyltin cation	7074	0,02	300	500
Ethylbenzene	1497	1	300	1 000
Fluoranthene	1191	0,01	4	30
Mercury and its compounds	1387	0,5	2	5
Monobutyltin cation	2542	0,02	300	500
Naphthalene	1517	0,05	20	100
Nickel and its compounds	1386	10	20	100
Lead and its compounds	1382	5	20	100
Toluene	1278	1	300	1 000
Tributyltin cation	2879	0,02	2	5
Trichloroethylene	1286	0,5	2	5
Xylenes (total o, m, p)	1780	2	300	500
Zinc and its compounds	1383	10	200	500
Chlorobenzene	1467	1	300	1 000
Pentachlorobenzene	1888	0,02	2	5
Pentachlorophenol	1235	0,1	4	30
Tributyl phosphate	1847	0,1	300	2 000

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire»	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	49,2366101694915	49,2366101694915	210,864501989593	256,166693744923	431,338336812485	453,819137368612	615,722396377569	1593,661779861 04
Methylene chloride	1168	5.00	0	0	0	1,064714811139	51,5819295108083	23,2991814698711	146,209864603482	236,770569046756
Toluene	1278	1.00	0,25	0,25	0,522467095194368	0,562537217584214	37,0360568298307	4,84780320120314	143,243928959768	204,815046089801
Xylenes (total o, m, p)	1780	2.00	0,1	0,1	0,1	1,666753744339 95	46,7280070537549	4,38593013809911	115,844157002676	248,764044 94382
Copper and its compounds	1392	5.00	1,13728675873274	1,13728675873274	2,5	5,969548884678 04	20,5863226286708	18,8820116054159	44,628463 4220998	84,098103 9853905
Nickel and its compounds	1386	10.00	2,5	2,5	3,200624442462 09	8,695826752372 21	15,6272126844228	11,9898939529936	17,667189 1327064	78,577383 1098224
Chrome and its compounds	1389	5.00	0,406173842404549	0,406173842404549	2,42660384197173	2,5	5,839570559696 66	4,31581396895 05	15,479570 3083038	16,322494 0159963
Lead and its compounds	1382	5.00	0	0	2,010692279811 53	2,5	4,369758388345 18	2,5	6,251272317112 47	22,575748 7302236
C10-C13-chloroalkanes	1955	10.00	0,5	0,5	0,5	2,228676513515 09	2,325425824946 73	3,398452611218 57	3,398452611218 57	5
Ethylbenzene	1497	1.00	0,162095675010804	0,162095675010804	0,25	0,592319749216301	6,181300450249 19	1,55121914956884	2,372274573517 47	43,560710 4023197
Chlorobenzene	1467	1.00	0	0	0	0,25	0,217606592569484	0,25	0,285783365570 6	0,5
Trichloroethylene	1286	0.50	0	0	0,046120614163115 2	0,1	0,139599375660603	0,25	0,25	0,25
Mercury and its compounds	1387	0.50	0	0	0	0,119342359767892	0,113501291108069	0,152295684113866	0,209054415700268	0,25
Dibutyltin cation	7074	0.02	0	0	0,003631123919308 36	0,005	0,095641456262213 5	0,01	0,087488115421694 8	0,800976706170821
Pentachlorophenol	1235	0.10	0	0	0,015364294471364 4	0,05	0,060305745943130 6	0,063377176015473 9	0,083398751115075 8	0,16
Naphthalene	1517	0.05	0,005	0,005	0,013070147169406	0,025	0,071146697298935	0,041279409189094 5	0,063759767891682 8	0,443390358825662

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Tributyl phosphate	1847	0.10	0,01	0,01	0,01	0,05	0,039119701338350 5	0,05	0,056824264049955 4	0,080486601669683
Monobutyltin cation	2542	0.02	0,003631123919308 36	0,003631123919308 36	0,01	0,018406635417705 5	0,025805233061681 3	0,026100547856912 7	0,036766146311600 9	0,0900962694845
Fluoranthene	1191	0.01	0,002603574329813 16	0,002603574329813 16	0,005	0,005	0,01666628143333	0,009429081177520 07	0,018646034816247 6	0,099963232605299
Anthracene	1458	0.01	0,003212835093419 98	0,003212835093419 98	0,005	0,005	0,008234217790527 64	0,009260601667270 75	0,013280143612246 9	0,017521856866537 7
Pentachlorobenzene	1888	0.02	0	0	0	0,005	0,005434882300330 1	0,008686653771760 16	0,01	0,01
Tributyltin cation	2879	0.02	0	0	0,002850878983050 85	0,007841213202497 77	0,006238119847168 02	0,01	0,01	0,010001470019342 4

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	1,05113733333333	1,05113733333333	1,8156	2,74508333333333	4,63123383466667	5,89246333333333	7,98982333333333	15,6510875	41,681104512	37,55	200	500
Methylene chloride	1168	0	0	0	0	1,83952175	0,222973166666667	6,29920833333333	8,165625	14,716174	55,49	20	100
Toluene	1278	0	0	0	0,01805128	0,688362244074074	0,06320475	1,14798833333333	4,940125	6,195260196666667	79,74	300	1000
Xylenes (total o, m, p)	1780	0	0	0	0	1,3209362047619	0,017996933333333333	0,6493065	8,57925	9,246553433333333	92,78	300	500
Copper and its compounds	1392	0	0	0	0,031161	0,249216527407407	0,60475008	0,632675	0,8135	2,242948746666667	36,27	200	500
Nickel and its compounds	1386	0	0	0	0,05842204	0,382616208148148	0,169075	0,446	2,7099375	3,443545873333333	78,7	20	100
Chrome and its compounds	1389	0	0	0	0	0,024879056888888 9	0	0,093196	0,130715512	0,223911512	58,38	200	500
Lead and its compounds	1382	0	0	0	0	0,016908581955555 6	0	0,0232772376	0,1289	0,1521772376	84,7	20	100
Ethylbenzene	1497	0	0	0	0	0,190091102083333	0,008694583333333333	0,009734233333333333	1,5023	1,520728816666667	98,79	300	1000
Naphthalene	1517	0	0	0	0	0,002030095	2,324466666666667E-4	0,002746983333333333	0,015291425	0,018270855	83,69	20	100
Dibutyltin cation	7074	0	0	0	0	7,20770185185185E-4	4,386216666666667E-4	0,001475	0,00457331	0,006486931666666667	70,5	300	500
Monobutyltin cation	2542	0	0	0	0	2,149656666666667E-	3,37418E-4	5,144196666666	9,416666666666	0,001934691	48,67	300	500

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

						4		67E-4	67E-4				
Fluoranthene	1191	0	0	0	0	1,44944333333333E-4	0	5,011656666666667E-4	8,033333333333333E-4	0,001304499	61,58	4	30
Anthracene	1458	0	0	0	0	1,02685E-4	0	6,658E-5	7,549E-4	8,2148E-4	91,9	2	10
C10-C13-chloroalkanes	1955	0	0	0	0	0	0	0	0	0		2	10
Chlorobenzene	1467	0	0	0	0	0	0	0	0	0		300	1000
Mercury and its compounds	1387	0	0	0	0	0	0	0	0	0		2	5
Pentachlorobenzene	1888	0	0	0	0	0	0	0	0	0		2	5
Pentachlorophenol	1235	0	0	0	0	9,14285714285714E-5	0	0	6,4E-4	6,4E-4	100	4	30
Tributyltin cation	2879	0	0	0	0	0	0	0	0	0		2	5
Tributyl phosphate	1847	0	0	0	0	0	0	0	0	0		300	2000
Trichloroethylene	1286	0	0	0	0	0	0	0	0	0		2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
8 Paint manufacturing	9	0	0	0	0

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
		0	0

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted				

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

Sector : 9 Pigment manufacturing

1 Sector data

5 sites
35 samples
9 substances in the Sector specific list

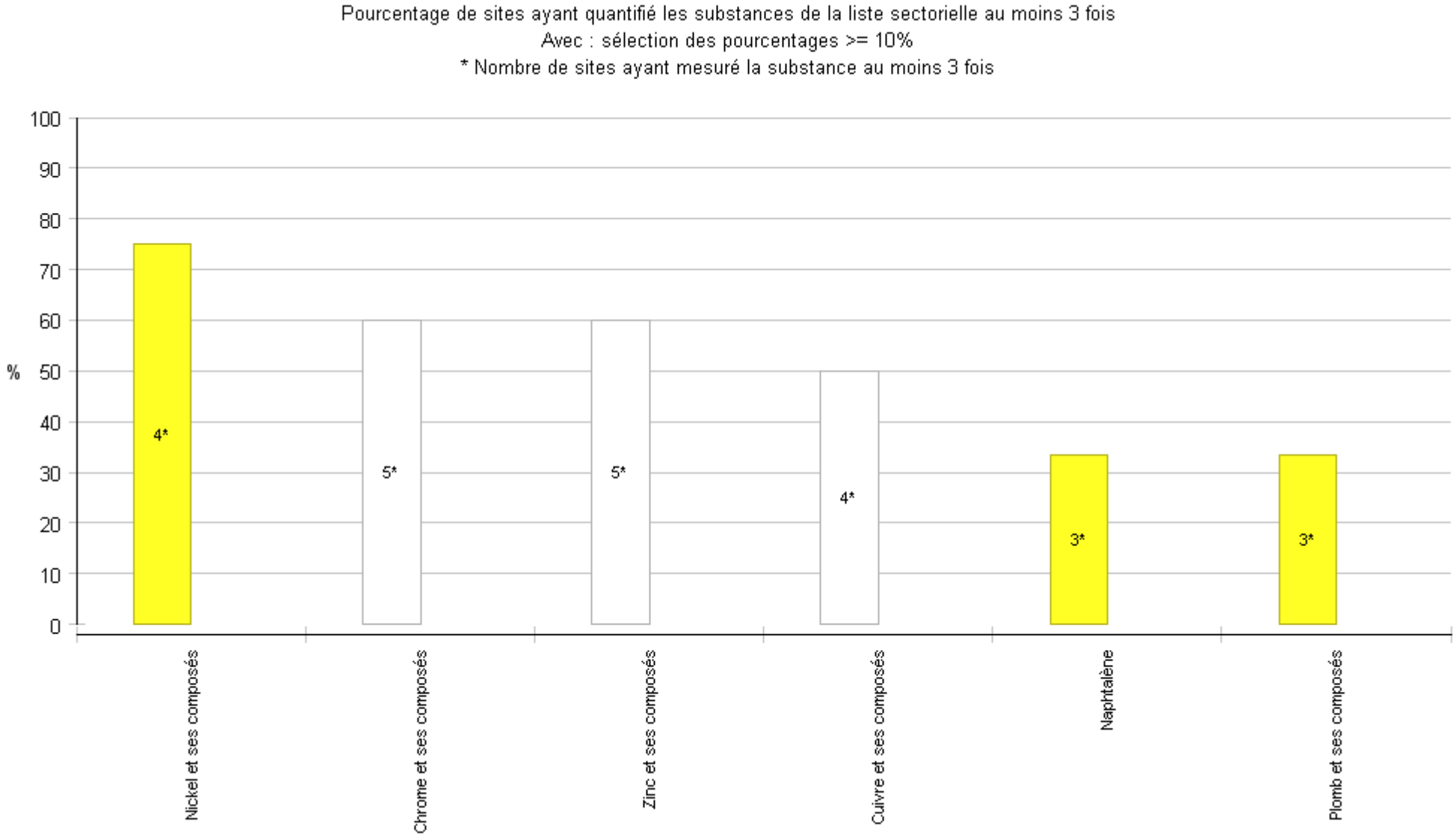
2 Sector specific list

Substance	Sandre code	LQ «circulaire» (µg/l)	Long-term monitoring threshold (g/j)	Reduction study thresholds (g/j)
Fluoranthene	1191	0,01	4	30
Nickel and its compounds	1386	10	20	100
Zinc and its compounds	1383	10	200	500
Cadmium and its compounds	1388	2	2	10
Chrome and its compounds	1389	5	200	500
Copper and its compounds	1392	5	200	500
Naphthalene	1517	0,05	20	100
Lead and its compounds	1382	5	20	100
Carbon tetrachloride	1276	0,5	2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3. Results

3.1 Percentage of sites that measured the substances in the sector-specific list at least 3 times



RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.2 Distribution of the weighted average concentrations (WAC, in µg/l), measured at all the points of discharge for the sector where the substance was being tested for (for the substances in the sector-specific list)

Substance or family substances	Sandre code	LQ «circulaire »	Min of WAC	P10 WAC	P25_WAC	P50 WAC	Average WAC	P75 WAC	P90 WAC	Max of WAC
Zinc and its compounds	1383	10.00	5	5	5,63649112543125	278,786481046629	590,233963129549	332,875820554027	332,875820554027	2328,87102292166
Chrome and its compounds	1389	5.00	0,913547160396108	0,913547160396108	16,1844428364689	165,362299007869	805,828801455413	219,440343565858	219,440343565858	3627,24337470647
Nickel and its compounds	1386	10.00	1,37843704775687	1,37843704775687	7,99692097160452	14,3949806850152	23,7721321487921	19	19	76,090322039584
Lead and its compounds	1382	5.00	0	0	0	16,0392485743039	12,5453718113092	16,0392485743039	16,0392485743039	21,5968668596237
Copper and its compounds	1392	5.00	0,886396526772793	0,886396526772793	0,886396526772793	1,82393251370116	11,1815300250742	8,412805484512 65	8,412805484512 65	33,6029855753103
Cadmium and its compounds	1388	2.00	0	0	0	0,152971238309917	0,384323746103306	0,152971238309917	0,152971238309917	1
Naphthalene	1517	0.05	0	0	0	0,037890738060781 5	0,056707486404791 3	0,037890738060781 5	0,037890738060781 5	0,132231721153592
Fluoranthene	1191	0.01	8,81821545026714E-4	8,81821545026714E-4	8,81821545026714E-4	0,005	0,005521445574360 11	0,008032561505065 12	0,008032561505065 12	0,008171399247348 62
Carbon tetrachloride	1276	0.50	0	0	0	0	0,125	0	0	0,25

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.3 Distribution of average daily flows (in g/d) calculated for all the points of discharge for the sector where the substance was being tested for (for substances in the sector-specific list)

Substance or family substances	Sandre code	Min of flows	P10 flows	P25 flows	P50 flows	Average flows	P75 flows	P90 flows	Max of flows	Total of sector flows	Share of the largest flow (%)	Long-term monitoring threshold	Reduction study threshold
Zinc and its compounds	1383	0	0	0	6,110435	760,011753666667	1134,548333333333	1134,548333333333	2659,4	3800,058768333333	69,98	200	500
Chrome and its compounds	1389	0	0	3,727816666666667	4,028156666666667	6937,86299466667	80,559	80,559	34601	34689,314973333333	99,75	200	500
Nickel and its compounds	1386	0	0	0	0,150005	150,775304333333	27,885716666666667	27,885716666666667	725,8408	753,8765216666667	96,28	20	100
Lead and its compounds	1382	0	0	0	4,974478333333333	52,6586927777778	4,974478333333333	4,974478333333333	153,0016	157,9760783333333	96,85	20	100
Copper and its compounds	1392	0	0	0	0	80,1660046625	0,11841865	0,11841865	320,5456	320,66401865	99,96	200	500
Cadmium and its compounds	1388	0	0	0	0	0	0	0	0	0		2	10
Fluoranthene	1191	0	0	0	0	0	0	0	0	0		4	30
Naphthalene	1517	0	0	0	0	5,56827777777778E-4	0	0	0,0016704833333333	0,0016704833333333	100	20	100
Carbon tetrachloride	1276	0	0	0	0	0	0	0	0	0		2	5

RSDE INITIAL MONITORING RESULTS EXAMINED BY SECTOR

3.4 Sites where discharges exceed the long-term monitoring and the reduction study thresholds

Assessment of the number of sites where discharges exceed the long-term monitoring or the reduction study thresholds for at least one substance for the sector.
Note: a site is counted only once, even if it exceeds the long-term monitoring or the reduction study thresholds for several substances.

Sector	Number of sites	Number of sites exceeding the long-term monitoring thresholds	% of sites exceeding the long-term monitoring thresholds	Number of sites exceeding the reduction study thresholds	% of sites exceeding the reduction study thresholds
9 Pigment manufacturing	5	3	60	2	40

Substances for which discharges exceed the long-term monitoring and/or the reduction study threshold for the sector

Substance or family substances	Sandre code	Number of cases exceeding the long-term monitoring thresholds	Number of cases exceeding the reduction study thresholds
Nickel and its compounds	1386	2	1
Zinc and its compounds	1383	2	2
Chrome and its compounds	1389	1	1
Copper and its compounds	1392	1	0
Lead and its compounds	1382	1	1
		7	5

Flows* of sites where discharges exceed the reduction study thresholds for the sector

Substance or family substances	Sandre code	Total of flows* from sites where discharges exceed the reduction study thresholds (g/l)	Total of flows (g/j)	Ratio of flow* from sites where discharges exceed the reduction study threshold to total flows
Chrome and its compounds	1389	34101	34689,3149733333	98,3
Nickel and its compounds	1386	625,8408	753,876521666667	83,02
Zinc and its compounds	1383	2793,9483333333	3800,0587683333	73,52
Lead and its compounds	1382	53,0016	157,9760783333	33,55

Flows* : based on individual flows from which the threshold flow for reduction studies has been subtracted