Target chemicals	Local	No	Monitored sites	Measured value	Reported
Target enemicais	communities	INU	Wontored sites	Sample1	detection limit
[1] Atorvastatin	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi (Obihiro City)	nd	0.89
		2	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	nd	0.89
Initial Environmental Survey/surface water (ng/L) Detection Frequency (site): 14/34 (Missing value: 0))	3	Osamunai-bashi Bridge, Riv. Ishikari (Fukagawa City)	1.7	0.89
Detection Frequency (sample): 14/34 (Missing value: 0)		4	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	*1.1	0.89
Detection range: $nd \sim 18$	Sapporo City	5	Nakanuma of Riv.Toyohira (Sapporo City)	4.1	0.62
Detection limit range: 0.18 ~ 1.4 Detection limit: 1.4		6	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	10	0.62
Requested detection limit: 300	Iwate Pref.	7	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	1.2
	Akita Pref.	8	Akita Canal (Akita City)	nd	0.89
	Yamagata Pref.	9	Goten-bashi Bridge, Riv. Mogami (Murayama City)	nd	1.2
	Tochigi Pref.	10	Tagawa Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	1.6	0.18
	Gunma Pref.	11	Furutone-bashi Bridge, Riv. Ishida (Ota City)	1.6	0.89
	Chiba Pref.	12	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	nd	1.2
	Tokyo Met.	13	Mouth of Riv. Arakawa (Koto Ward)	3.1	0.89
		14	Mouth of Riv. Sumida (Minato Ward)	4.7	0.89
	Yokohama City	15	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	14	0.89
		16	Yokohama Port	nd	0.89
		17	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	0.89
	Kawasaki City	18	Mouth of Riv. Tama (Kawasaki City)	*1.3	0.89
		19	Front of Chidori Town, Keihin Canal, Port of Kawasaki	nd	0.89
	Niigata Pref.	20	Lower Riv. Shinano (Niigata City)	nd	0.89
	Ishikawa Pref.	21	Mouth of Riv. Sai (Kanazawa City)	7.5	0.89
	Shizuoka Pref.	22	Kashima-hashi Bridge, Riv. Ushibuchi (Kakegawa City)	nd	0.89
	Aichi Pref.	23	Inaharu-hashi Bridge, Riv. Gojo (Inazawa City, Kiyosu City)	4.9	0.89
	Nagoya City	24	Hinode-bashi Bridge, Riv.Shin-hori (Nagoya City)	18	0.89
		25	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	5.1	0.89
	Mie Pref.	26	Yokkaichi Port	nd	1.2
	Osaka Pref.	27	Mouth of Riv. Yamato (Sakai City)	nd	0.89
	Osaka City	28	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.89
		29	Osaka Port	2.1	0.89
	Nara Pref.	30	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	2.9	0.32
	Fukuoka Pref.	31	Kabura-bashi Bridge, Riv. Raizan (Itoshima City)	nd	1.2
		32	Offshore of Omuta	nd	1.2
	Fukuoka City	33	Hakata Bay	nd	1.4
	Oita Pref.	34	Mouth of Riv. Oita (Oita City)	nd	0.89

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).

Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).

(Note 2) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 3) nd : Not detected

(Note 4) * : Reference value (The values are less than the detection limit set uniformly for each substance. However, they are detected at reported detection limits that depen on the accuracy of the survey at each location. They are treated as not detected in the 'Detection Frequency' and 'Detection range'.)

Target chemicals	Local	No	Monitored sites	Measured value	Reported
Target chemicars	communities		Wollitored sites	Sample1	detection limit
[3] Diethylamine	Miyagi Pref.	1	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	nd	50
		2	Sakura-hodoukyou Bridge, Riv.Shiroishi (Shibata	nd	50
Initial Environmental Survey/surface water (ng/L)			Town)		
Detection Frequency (site): 6/28 (Missing value: 0)	Sendai City	3	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	120	50
Detection Frequency (sample): 6/28 (Missing value:	Akita Pref.	4	Akita Canal (Akita City)	nd	50
0)	Tochigi Pref.	5	Tagawa Kyubun Area Head Works, Riv. Tagawa	nd	50
Detection range: $nd \sim 19,000$			(Utsunomiya City)		
Detection limit range: 50	Saitama City	6	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	nd	50
Detection limit: 50	Chiba Pref.	7	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	nd	50
Requested detection limit: 4,000		8	Coast of Ichihara and Anegasaki	nd	50
	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	270	50
		10	Mouth of Riv. Sumida (Minato Ward)	71	50
	Yokohama City	11	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama	nd	50
			City)		
		12	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama	nd	50
			City)		
	Kawasaki City	13	Mouth of Riv. Tama (Kawasaki City)	nd	50
		14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	50
	Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd	50
	Ishikawa Pref.	16	Mouth of Riv. Sai (Kanazawa City)	600	50
	Aichi Pref.	17	Inaharu-hashi Bridge, Riv. Gojo (Inazawa City,	nd	50
			Kiyosu City)		
		18	West of Shiomi Wharf, Nagoya Port	nd	50
	Mie Pref.	19	Yokkaichi Port	110	50
	Shiga Pref.	20	Lake Biwa (center, offshore of Minamihira)	nd	50
		21	Lake Biwa (center, offshore of Karasaki)	nd	50
	Kyoto Pref.	22	Gokou-bashi Bridge, Riv. Kizu (Yawata City)	nd	50
	Osaka Pref.	23	Mouth of Riv. Yamato (Sakai City)	nd	50
	Kobe City	24	Kobe Port (center)	nd	50
	Nara Pref.	25	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	19,000	50
	Yamaguchi Pref.	26	Tokuyama Bay	nd	50
	Kitakyushu City	27	Dokai Bay	nd	50
	Oita Pref.	28	Mouth of Riv. Oita (Oita City)	nd	50

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).

Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).

(Note 2) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

Target chemicals	Local	No	Monitored sites	Measured value	Reported
Target chemicars	communities	INU	Wolitored sites	Sample1	detection limit
[4] 4,4'-Dihydroxydiphenylmethane (synonym:	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari	nd	8.8
Bisphenol F)			(Ishikari City)		
	Akita Pref.	2	Akita Canal (Akita City)	nd	8.8
Initial Environmental Survey/surface water (ng/L)	Yamagata Pref.	3	Goten-bashi Bridge, Riv. Mogami (Murayama City)	nd	8.8
Detection Frequency (site): 0/32 (Missing value: 0)	Saitama City	4	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	nd	8.8
Detection Frequency (sample): 0/32 (Missing value:	Chiba Pref.	5	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	nd	8.8
		6	Coast of Ichihara and Anegasaki	nd	8.8
Detection range: nd	Tokyo Met.	7	Mouth of Riv. Arakawa (Koto Ward)	nd	8.8
Detection limit range: $2.9 \sim 8.8$		8	Mouth of Riv. Sumida (Minato Ward)	nd	8.8
Detection limit: 8.8	Yokohama City	9	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama	nd	8.8
Requested detection limit: 10			City)		
		10	Yokohama Port	nd	8.8
		11	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama	nd	8.8
			City)		
	Kawasaki City	12	Mouth of Riv. Tama (Kawasaki City)	nd	8.8
		13	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	8.8
	Niigata Pref.	14	Lower Riv. Shinano (Niigata City)	nd	8.8
	Ishikawa Pref.	15	Mouth of Riv. Sai (Kanazawa City)	nd	8.8
	Aichi Pref.	16	Inaharu-hashi Bridge, Riv. Gojo (Inazawa City,	nd	8.8
			Kiyosu City)		
		17	West of Shiomi Wharf, Nagoya Port	nd	8.8
	Nagoya City	18	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	8.8
		19	South of Shiomi Wharf, Nagoya Port	nd	8.8
	Mie Pref.	20	Yokkaichi Port	nd	8.8
	Shiga Pref.	21	Lake Biwa (center, offshore of Minamihira)	nd	2.9
		22	Lake Biwa (center, offshore of Karasaki)	nd	2.9
	Kyoto Pref.	23	Gokou-bashi Bridge, Riv. Kizu (Yawata City)	nd	8.8
	Kyoto City	24	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd	8.8
	Osaka Pref.	25	Mouth of Riv. Yamato (Sakai City)	nd	8.8
	Kobe City	26	Kobe Port (center)	nd	8.8
	Nara Pref.	27	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	8.8
	Okayama Pref.	28	Offshore of Mizushima	nd	8.8
	Yamaguchi Pref.	29	Tokuyama Bay	nd	8.8
	Ehime Pref.	30	Niihama Port	nd	8.8
	Kitakyushu City	31	Dokai Bay	nd	8.8
	Oita Pref.	32	Mouth of Riv. Oita (Oita City)	nd	8.8

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).

Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).

(Note 2) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit. (Note 3) nd : Not detected

Target chemicals	Local	No	Monitored sites	Measured value	Reported
Target chemicais	communities	INU	Wollitored sites	Sample1	detection limit
[5] 1,3-Diphenylguanidine	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	53	5.0
Initial Environmental Survey/surface water (ng/L) Detection Frequency (site): 19/29 (Missing value: 1)	Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	8.2	5.0
Detection Frequency (sample): 19/29 (Missing	Akita Pref.	3	Akita Canal (Akita City)	nd	5.0
value: 1)	Yamagata Pref.	4	Goten-bashi Bridge, Riv. Mogami (Murayama City)	nd	5.0
Detection range: nd ~ 220 Detection limit range: 5.0	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	38	5.0
Detection limit: 5.0	Chiba Pref.	6	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	17	5.0
Requested detection limit: 10,000	Tokyo Met.	7	Mouth of Riv. Arakawa (Koto Ward)	84	5.0
	-	8	Mouth of Riv. Sumida (Minato Ward)	110	5.0
	Yokohama City	9	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	52	5.0
		10	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	33	5.0
	Kawasaki City	11	Mouth of Riv. Tama (Kawasaki City)	26	5.0
		12	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	5.0
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	35	5.0
	Shizuoka Pref.	14	Shimizu Port	27	5.0
	Aichi Pref.	15	Kira Head Works, Riv. Hirota (Nishio City)	220	5.0
		16	Inaharu-hashi Bridge, Riv. Gojo (Inazawa City, Kiyosu City)	72	5.0
	Mie Pref.	17	Yokkaichi Port	nd	5.0
		18	Toba Port	nd	5.0
	Kyoto Pref.	19	Gokou-bashi Bridge, Riv. Kizu (Yawata City)		
	Osaka Pref.	20	Mouth of Riv. Yamato (Sakai City)	76	5.0
	Osaka City	21	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	5.0
		22	Osaka Port	30	5.0
	Nara Pref.	23	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	5.0
	Wakayama Pref.	24	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	5.0
	Okayama Pref.	25	Offshore of Mizushima	33	5.0
	Yamaguchi Pref.	26	Tokuyama Bay	nd	5.0
		27	Offshore of Hagi	nd	5.0
	Ehime Pref.	28	Niihama Port	27	5.0
	Kitakyushu City	29	Dokai Bay	34	5.0
	Oita Pref.	30	Mouth of Riv. Oita (Oita City)	41	5.0

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).

Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).

(Note 2) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 3) nd : Not detected

(Note 4) --- : Missing value

Torget shemicals	Local	No	Monitored sites	Measured value	Reported
rarget chemicais	communities	INO	Monitored sites	Sample1	detection limit
[6] 4,4'-Sulfonyldiphenol (synonym: Bisphenol S)	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari	nd	1.4
			(Ishikari City)		
Initial Environmental Survey/surface water (ng/L)	Akita Pref.	2	Akita Canal (Akita City)	1.4	1.4
Detection Frequency (site): 25/32 (Missing value: 0)	Yamagata Pref.	3	Goten-bashi Bridge, Riv. Mogami (Murayama City)	8.4	1.4
Detection Frequency (sample): 25/32 (Missing	Saitama City	4	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	9.3	1.4
value: 0)	Chiba Pref.	5	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	1.5	1.4
Detection range: nd ~ 420		6	Coast of Ichihara and Anegasaki	10	1.4
Detection limit range: $0.27 \sim 1.4$	Tokyo Met.	7	Mouth of Riv. Arakawa (Koto Ward)	420	1.4
Detection limit: 1.4		8	Mouth of Riv. Sumida (Minato Ward)	90	1.4
Requested detection limit: 10	Yokohama City	9	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama	nd	1.4
			City)		
		10	Yokohama Port	3.2	1.4
		11	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama	2.3	1.4
			City)		
	Kawasaki City	12	Mouth of Riv. Tama (Kawasaki City)	15	1.4
		13	Front of Ougi Town, Keihin Canal, Port of Kawasaki	39	1.4
	Niigata Pref.	14	Lower Riv. Shinano (Niigata City)	3.8	1.4
	Ishikawa Pref.	15	Mouth of Riv. Sai (Kanazawa City)	5.8	1.4
	Aichi Pref.	16	Inaharu-hashi Bridge, Riv. Gojo (Inazawa City,	2.7	1.4
			Kiyosu City)		
		17	West of Shiomi Wharf, Nagoya Port	2.6	1.4
	Nagoya City	18	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	13	1.4
		19	South of Shiomi Wharf, Nagoya Port	10	1.4
	Mie Pref.	20	Yokkaichi Port	3.7	1.4
	Shiga Pref.	21	Lake Biwa (center, offshore of Minamihira)	nd	0.27
	-	22	Lake Biwa (center, offshore of Karasaki)	nd	0.27
	Kyoto Pref.	23	Gokou-bashi Bridge, Riv. Kizu (Yawata City)	nd	1.4
	Kyoto City	24	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	1.8	1.4
	Osaka Pref.	25	Mouth of Riv. Yamato (Sakai City)	44	1.4
	Kobe City	26	Kobe Port (center)	2.8	1.4
	Nara Pref.	27	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	8.3	1.4
	Okayama Pref.	28	Offshore of Mizushima	1.6	1.4
	Yamaguchi Pref.	29	Tokuyama Bay	nd	1.4
	Ehime Pref.	30	Niihama Port	2.6	1.4
	Kitakyushu City	31	Dokai Bay	4.1	1.4
	Oita Pref.	32	Mouth of Riv. Oita (Oita City)	nd	1.4

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).

Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).

(Note 2) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit. (Note 3) nd : Not detected

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Transit da unicada	Local	No	Maniformal sites	Measured value	Reported
l'arget chemicais	communities	INO	Monitored sites	Sample1	detection limit
[7] 2,5,8,11-Tetraoxadodecane (synonym:	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari	nd	280
Triethylene glycol dimethyl ether)			(Ishikari City)		
	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd	280
Initial Environmental Survey/surface water (ng/L)	Akita Pref.	3	Akita Canal (Akita City)	nd	280
Detection Frequency (site): 0/35 (Missing value: 0)	Ibaraki Pref.	4	Tonekamome-ohasi Bridge, Mouth of Riv. Tone	nd	280
Detection Frequency (sample): 0/35 (Missing value:			(Kamisu City)		
0)	Tochigi Pref.	5	Tagawa Kyubun Area Head Works, Riv. Tagawa	nd	160
Detection range: nd			(Utsunomiya City)		
Detection limit range: $150 \sim 620$	Chiba Pref.	6	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	nd	280
Detection limit: 620		7	Coast of Ichihara and Anegasaki	nd	280
Requested detection limit: 150,000	Tokyo Met.	8	Mouth of Riv. Arakawa (Koto Ward)	nd	280
		9	Mouth of Riv. Sumida (Minato Ward)	nd	280
	Yokohama City	10	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama	nd	280
			City)		
		11	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama	nd	280
			City)		
	Kawasaki City	12	Mouth of Riv. Tama (Kawasaki City)	nd	280
		13	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	280
	Niigata Pref.	14	Lower Riv. Shinano (Niigata City)	nd	280
	Ishikawa Pref.	15	Mouth of Riv. Sai (Kanazawa City)	nd	620
	Nagano Pref.	16	Lake Suwa (center)	nd	620
		17	Chuo-bashi Bridge, Riv. Tenryu (Ina City)	nd	620
	Shizuoka Pref.	18	Shimizu Port	nd	280
		19	Kuroishi-bashi Bridge, Riv. Kuroishi (Yaizu City)	nd	280
		20	Kashima-hashi Bridge, Riv. Ushibuchi (Kakegawa	nd	280
			City)		
	Aichi Pref.	21	Kira Head Works, Riv. Hirota (Nishio City)	nd	620
		22	West of Shiomi Wharf, Nagoya Port	nd	620
	Kyoto Pref.	23	Miyazu Port	nd	280
		24	Gokou-bashi Bridge, Riv. Kizu (Yawata City)	nd	280
	Osaka Pref.	25	Mouth of Riv. Yamato (Sakai City)	nd	280
	Nara Pref.	26	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	280
	Okayama Pref.	27	Sasagase-bashi Bridge, Riv. Sasagase (Okayama	nd	280
			City)		
		28	Offshore of Mizushima	nd	280
	Yamaguchi Pref.	29	Tokuyama Bay	nd	280
	Kagawa Pref.	30	Takamatsu Port	nd	620
	Fukuoka Pref.	31	Kabura-bashi Bridge, Riv. Raizan (Itoshima City)	nd	150
		32	Offshore of Omuta	nd	150
	Kitakyushu City	33	Dokai Bay	nd	620
	Saga Pref.	34	Imari Bay	nd	620
	Oita Pref.	35	Mouth of Riv. Oita (Oita City)	nd	280

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).

Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).

(Note 2) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

Target chemicals	Local communities	No	Monitored sites	Measured value Sample1	Reported detection limit
[8] 1,3,5-Tris(2,3-epoxypropyl)-1,3,5-triazine- 2,4,6(1H,3H,5H)-trione (synonym: 1,3,5-Triglycidyl	Iwate Pref.	1	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	14
isocyanurate)	Miyagi Pref.	2	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	nd	14
Initial Environmental Survey/surface water (ng/L)	, ,	3	Sakura-hodoukyou Bridge, Riv.Shiroishi (Shibata Town)	nd	14
Detection Frequency (site): 2/23 (Missing value: 0)	Sendai City	4	Hirose-ohashi Bridge Riv, Hirose (Sendai City)	nd	14
Detection Frequency (sample): 2/23 (Missing value:	Yamagata Pref.	5	Goten-bashi Bridge, Riv, Mogami (Muravama City)	14	14
0)	Tochigi Pref.	6	Tagawa Kyubun Area Head Works, Riv. Tagawa	nd	14
Detection range: nd ~ 27	8		(Utsunomiya City)		
Detection limit range: 14	Saitama City	7	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	nd	14
Detection limit: 14	Chiba Pref.	8	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	nd	14
	Yokohama City	9	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama	nd	14
	_		City)		
		10	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama	nd	14
			City)		
	Nagano Pref.	11	Lake Suwa (center)	nd	14
	Chimrele Duef	12	Chuo-bashi Bridge, Riv. Tenryu (Ina City)	27	14
	Snizuoka Prei.	13	Kuroisni-bashi Bridge, Riv. Kuroisni (Yalzu City)	nd	14
		14	City)	na	14
		15	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd	14
	Aichi Pref.	16	Kira Head Works, Riv. Hirota (Nishio City)	nd	14
		17	Inaharu-hashi Bridge, Riv. Gojo (Inazawa City, Kiyosu City)	nd	14
	Shiga Prof	18	Laka Biwa (contar, offehore of Minamihira)	nd	14
	Siliga Fiel.	10	Lake Biwa (center, offshore of Karasaki)	nd	14
	Kvoto Pref	20	Gokou-bashi Bridge Riv Kizu (Yawata City)	nd	14
	Kyoto City	20	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd	14
	Nara Pref	22	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	14
	Okayama Pref.	23	Sasagase-bashi Bridge, Riv. Sasagase (Okayama	nd	14
[0] 4 41 [2 2 2 T-: frame 1	TT-1-1	1	City)		0.28
(trifluoromethyl)ethylidene]bisphenol (synonym:	поккано	1	(Ishikari City)	na	0.38
Bisphenol AF)	Akita Pref.	2	Akita Canal (Akita City)	nd	0.38
	Yamagata Pref.	3	Goten-bashi Bridge, Riv. Mogami (Murayama City)	nd	0.38
Initial Environmental Survey/surface water (ng/L)	Saitama City	4	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	0.88	0.38
Detection Frequency (site): 5/32 (Missing value: 0)	Chiba Pref.	5	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	nd	0.38
Detection Frequency (sample): 5/32 (Missing value:		6	Coast of Ichihara and Anegasaki	nd	0.38
Detection range: $nd \sim 10$	Tokyo Met.	7	Mouth of Riv. Arakawa (Koto Ward)	nd	0.38
Detection limit range: 0.38		8	Mouth of Riv. Sumida (Minato Ward)	nd	0.38
Detection limit: 0.38	Yokohama City	9	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama	nd	0.38
Requested detection limit: 50		10	Vokohama Port	nd	0.38
		11	Yoshikura-bashi Bridge Riv Kashio (Yokohama	nd	0.38
			City)	ild	0.50
	Kawasaki Citv	12	Mouth of Riv. Tama (Kawasaki City)	nd	0.38
	5	13	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	0.38
	Niigata Pref.	14	Lower Riv. Shinano (Niigata City)	nd	0.38
	Ishikawa Pref.	15	Mouth of Riv. Sai (Kanazawa City)	nd	0.38
	Aichi Pref.	16	Inaharu-hashi Bridge, Riv. Gojo (Inazawa City,	nd	0.38
			Kiyosu City)		
	N. C'	17	West of Shiomi Wharf, Nagoya Port	nd	0.38
	Nagoya City	18	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	0.42	0.38
	Mie Prof	19	Soum of Sniomi whari, Nagoya Port	nd	0.38
	Shiga Prof	20	I ake Biwa (center offehore of Minemihire)	nd	0.58
	Siliga FICI.	21	Lake Biwa (center, offshore of Karasaki)	nd	0.38
	Kvoto Pref	23	Gokou-bashi Bridge Riv Kizu (Vawata City)	nd	0.38
	Kyoto City	24	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd	0.38
	Osaka Pref.	25	Mouth of Riv. Yamato (Sakai City)	10	0.38
	Kobe City	26	Kobe Port (center)	nd	0.38
	Nara Pref.	27	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	0.38
	Okayama Pref.	28	Offshore of Mizushima	nd	0.38
	Yamaguchi Pref.	29	Tokuyama Bay	0.70	0.38
	Ehime Pref.	30	Niihama Port	0.49	0.38
	Kitakyushu City	31	Dokai Bay	nd	0.38
	Oita Pref.	32	Mouth of Riv. Oita (Oita City)	nd	0.38

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).

Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).

(Note 2) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

Surface water

Target chemicals	Local communities	No	Monitored sites	Measured value Sample1	Reported detection limit
[10] 3,5,5-Trimethyl-1-hexanol	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari Citu)	nd	200
Initial Environmental Survey/surface water (ng/L)	Akita Pref.	2	Akita Canal (Akita City)	nd	200
Detection Frequency (site): 0/28 (Missing value: 0)	Chiba Pref.	3	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	nd	200
Detection Frequency (sample): 0/28 (Missing value:		4	Coast of Ichihara and Anegasaki	nd	200
0)	Tokyo Met.	5	Mouth of Riv. Arakawa (Koto Ward)	nd	200
Detection range: nd	-	6	Mouth of Riv. Sumida (Minato Ward)	nd	200
Detection limit range: 200 ~ 420 Detection limit: 420	Yokohama City	7	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama Citv)	nd	200
Requested detection limit: 1,000		8	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	200
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	nd	200
		10	Front of Chidori Town, Keihin Canal, Port of Kawasaki	nd	200
		11	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	200
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	200
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	240
	Aichi Pref.	14	Kinuura Port	nd	200
		15	Inaharu-hashi Bridge, Riv. Gojo (Inazawa City, Kiyosu City)	nd	200
		16	West of Shiomi Wharf, Nagoya Port	nd	200
	Mie Pref.	17	Yokkaichi Port	nd	200
	Kyoto Pref.	18	Miyazu Port	nd	420
	Osaka Pref.	19	Mouth of Riv. Yamato (Sakai City)	nd	200
	Hyogo Pref.	20	Befu port	nd	200
		21	Offshore of Aboshi Port	nd	200
	Nara Pref.	22	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	200
	Wakayama Pref.	23	Wakayamashimotsu Port, North Port Area	nd	200
	Okayama Pref.	24	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	nd	240
		25	Offshore of Mizushima	nd	240
	Kagawa Pref.	26	Takamatsu Port	nd	200
	Kitakyushu City	27	Dokai Bay	nd	200
	Okinawa Pref.	28	Ryutou-bashi Bridge, Riv. Nagadou (Tomigusuku City, Haebaru Town)	nd	200
[11] 1,2-Bis(2-chlorophenyl)hydrazine	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	1.3
Initial Environmental Survey/surface water (ng/L)	Sapporo City	2	Nakanuma of Riv.Toyohira (Sapporo City)	nd	1.8
Detection Frequency (site): 0/25 (Missing value: 0) Detection Frequency (sample): 0/25 (Missing value:		3	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	nd	1.8
0) Detection range: nd	Iwate Pref.	4	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	1.7
Detection limit range: $1.3 \sim 1.8$	Akita Pref.	5	Akita Canal (Akita City)	nd	1.3
Detection limit: 1.8	Yamagata Pref.	6	Goten-bashi Bridge, Riv. Mogami (Murayama City)	nd	1.3
Requested detection fimit: 4.2	Saitama City	7	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	nd	1.3
	Chiba Pref.	8	Coast of Ichihara and Anegasaki	nd	1.3
	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	nd	1.3
		10	Mouth of Riv. Sumida (Minato Ward)	nd	1.3
	Yokohama City	11	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	nd	1.3
		12	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	1.3
	Kawasaki City	13	Mouth of Riv. Tama (Kawasaki City)	nd	1.3
		14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	1.3
	Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd	1.3
	Ishikawa Pref.	16	Mouth of Riv. Sai (Kanazawa City)	nd	1.3
	Shizuoka Pref.	17	Shimizu Port	nd	1.3
		18	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd	1.3
	Mie Pref.	19	Yokkaichi Port	nd	1.3
	Osaka Pref.	20	Mouth of Riv. Yamato (Sakai City)	nd	1.3
	INARA Pret.	21	Talsno-bashi Bridge, Riv. Yamato (Oji Town)	nd	1.3
	Kagawa Pret.	22	Takamatsu Port	nd	1.3
	Saga Prof	23	Local Day Imari Bay	na	1.5
	Oita Pref.	25	Mouth of Riv. Oita (Oita City)	nd	1.3

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Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).

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(Note 2) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit. (Note 3) nd : Not detected

Target chemicals	Local	No	Monitored sites	Measured value Sample1	Reported detection limit
[12] Furan	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari Citu)	nd	22
Initial Environmental Survey/surface water (ng/L)	Sendai City	2	Hirose obashi Bridge Riv, Hirose (Sendai City)	nd	22
Detection Frequency (site): 0/31 (Missing value: 0)	Akita Pref	3	Akita Canal (Akita City)	nd	22
Detection Frequency (sample): 0/31 (Missing value: 0)	Ibaraki Pref.	4	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	22
Detection range: nd	Chiba Pref.	5	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	nd	22
Detection limit range: 19 ~ 38		6	Coast of Ichihara and Anegasaki	nd	22
Detection limit: 38	Tokyo Met.	7	Mouth of Riv. Arakawa (Koto Ward)	nd	22
Requested detection limit: 100		8	Mouth of Riv. Sumida (Minato Ward)	nd	22
	Yokohama City	9	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	nd	22
		10	Yokohama Port	nd	22
		11	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	22
	Kawasaki City	12	Mouth of Riv. Tama (Kawasaki City)	nd	22
		13	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	22
	Niigata Pref.	14	Lower Riv. Shinano (Niigata City)	nd	22
	Shizuoka Pref.	15	Shimizu Port	nd	22
	Aichi Pref.	16	West of Shiomi Wharf, Nagoya Port	nd	22
	Mie Pref.	17	Yokkaichi Port	nd	22
	Shiga Pref.	18	Lake Biwa (center, offshore of Minamihira)	nd	19
		19	Lake Biwa (center, offshore of Karasaki)	nd	19
	Kyoto Pref.	20	Miyazu Port	nd	22
	TT	21	Gokou-bashi Bridge, Riv. Kizu (Yawata City)	nd	22
	Kyoto City	22	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd	22
	Osaka Pref.	23	Mouth of Riv. Yamato (Sakai City)	nd	22
	Nara Pref.	24	Offshore of Mizushime	nd	22
	Okayama Prei.	25	Tolaware Bay	nd	22
	i amaguem riei.	20	Offshore of Hagi	nd	21
	Fukuoka Pref	28	Kabura-bashi Bridge Riv Raizan (Itoshima City)	nd	38
	i ukuoka i ici.	29	Offshore of Omuta	nd	38
	Kitakvushu Citv	30	Dokai Bay	nd	22
	Saga Pref.	31	Imari Bay	nd	22
[13] 2-Mercaptobenzothiazole (synonym: 1,3-	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari	nd	4.1
Benzothiazole-2-thiol)	Iwate Pref.	2	(Ishikari City) Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki	nd	4.1
Initial Environmental Survey/surface water (ng/L)	Akita Pref	3	City) Akita Canal (Akita City)	nd	4.1
Detection Frequency (sne): 0/24 (Missing value: 1) Detection Frequency (sample): 0/24 (Missing value:	Tokyo Met	4	Mouth of Riv Arakawa (Koto Ward)	nd	4.1
1)	101190111011	5	Mouth of Riv. Sumida (Minato Ward)	nd	4.1
Detection range: nd Detection limit range: $1.7 \sim 4.1$	Yokohama City	6	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	nd	4.1
Detection limit: 4.1		7	Yokohama Port	nd	4.1
Requested detection limit: 100		8	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	4.1
	Kawasaki Citv	9	Mouth of Riv. Tama (Kawasaki Citv)	nd	4.1
		10	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	4.1
	Shizuoka Pref.	11	Shimizu Port	nd	4.1
	Aichi Pref.	12	Kinuura Port	nd	4.1
		13	West of Shiomi Wharf, Nagoya Port	nd	4.1
	Shiga Pref.	14	Lake Biwa (center, offshore of Minamihira)	nd	4.1
		15	Lake Biwa (center, offshore of Karasaki)	nd	4.1
	Osaka Pref.	16	Mouth of Riv. Yamato (Sakai City)	nd	4.1
	Osaka City	17	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	4.1
		18	Osaka Port	nd	4.1
	Kobe City	19	Kobe Port (center)	nd	1.7
	Nara Pref.	20	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	4.1
	Okayama Pret.	21	Ulisnore of Mizusnima	nd	4.1
	1 amagueni Pref.	22	Tokuyama Bay	na	4.1
	Kitakyushu City	23	Dokai Bay		+.1
	Oita Pref.	25	Mouth of Riv. Oita (Oita City)	nd	4.1

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Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).

(Note 2) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 3) nd : Not detected

(Note 4) --- : Missing value

Torrest sharmingle	Local	Na	Monitored sites	Measured value		alue	Reported
Target chemicais	communities	INO	Monitored sites	Sample1	Sample2	Sample3	detection limit
[1] Atorvastatin	Sendai City	1	Tsutsujigaoka Park (Sendai City)	nd	nd	nd	12
Initial Environmental Survey/surface water (ng/L)	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	nd	nd	nd	12
Detection Frequency (site): 14/34 (Missing value: 0) Detection Frequency (sample): 14/34 (Missing	Saitama Pref.	3	Center for Environmental Science in Saitama (Kazo City)	nd	nd	nd	12
value: 0)	Saitama City	4	Saitama City Public Health Center (Saitama City)	nd	nd	nd	12
Detection range: nd~18 Detection limit range: 0.18~1.4Detection limit: 1.4	Tokyo Met.	5	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	nd	nd	nd	12
Requested detection limit: 300		6	Chichijima Island (Ogasawara Village)	nd	nd	nd	12
	Kanagawa Pref.	7	Kanagawa Environmental Research Center (Hiratsuka City)	nd	nd	nd	12
	Kawasaki City	8	Daishi Air Quality Monitoring Station (Kawasaki City)	nd	nd	nd	38
	Ishikawa Pref.	9	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	nd	nd	nd	12
	Nagano Pref.	10	Nagano Environmental Conservation Research Institute (Nagano City)	nd	nd	nd	12
	Nagoya City	11	Chikusa Ward Heiwa Park (Nagoya City)	nd	nd	nd	12
	Mie Pref.	12	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	nd	nd	nd	12
	Shiga Pref.	13	Nagahama Air Quality Monitoring Station (Nagahama City)	nd	nd	nd	12
	Kyoto Pref.	14	Uji Prefectural Government Building(Uji City)	nd	nd	nd	12
	Kyoto City	15	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	nd	nd	nd	12
	Osaka Pref.	16	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	nd	nd	nd	12
	Wakayama Pref.	17	Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City)	nd	nd	nd	40
	Yamaguchi Pref.	18	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	nd	nd	nd	12
	Tokushima Pref.	19	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	nd	nd	nd	12
	Kagawa Pref.	20	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	nd	nd	nd	12
	Saga Pref.	21	Saga Prefectural Environmental Research Center (Saga City)	nd	nd	nd	12
	Oita Pref.	22	Oita City Misa Elementary School (Oita City)	nd	nd	nd	12

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Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).

(Note 2) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.