

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[3] 4,4'-Diaminodiphenyl ether Initial Environmental Survey/ surface water (ng/L) Detection Frequency (site): 0/5 (Missing value: 0) Detection Frequency (sample): 0/5 (Missing value: 0) Detection range: nd Detection limit range: 1.0~3.0 Detection limit: 3.0 Requested detection limit: 920	Sapporo City	1	Nakanuma of Riv.Toyohira (Sapporo City)	nd	1.7
		2	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	nd	1.7
	Shiga Pref.	3	Lake Biwa (center, offshore of Minamihira)	nd	1.0
		4	Lake Biwa (center, offshore of Karasaki)	nd	1.0
	Nara Pref.	5	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	3.0
[4] Diphenyl ether (synonym: Phenoxybenzene) Initial Environmental Survey/ surface water (ng/L) Detection Frequency (site): 0/12 (Missing value: 0) Detection Frequency (sample): 0/12 (Missing value: 0) Detection range: nd Detection limit range: 1.5~3.1 Detection limit: 3.1 Requested detection limit: 30	Tochigi Pref.	1	Tagawa Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd	1.5
	Kawasaki City	2	Mouth of Riv. Tama (Kawasaki City)	nd	2.9
		3	Front of Chidori Town, Keihin Canal, Port of	nd	2.9
		4	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	2.9
	Niigata Pref.	5	Lower Riv. Shinano (Niigata City)	nd	3.1
	Ishikawa Pref.	6	Mouth of Riv. Sai (Kanazawa City)	nd	2.9
	Nara Pref.	7	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	2.2
	Okayama Pref.	8	Sasagase-bashi Bridge, Riv. Sasagase (Okayama	nd	2.9
		9	Offshore of Mizushima	nd	2.9
	Kagawa Pref.	10	Takamatsu Port	nd	2.9
	Fukuoka Pref.	11	Kabura-bashi Bridge, Riv. Raizan (Itoshima City)	nd	2.3
		12	Offshore of Omuta	nd	2.3
[5] Tributylamine Initial Environmental Survey/ surface water (ng/L) Detection Frequency (site): 0/25 (Missing value: 2) Detection Frequency (sample): 0/25 (Missing value: 2) Detection range: nd Detection limit range: 0.59~11 Detection limit: 11 Requested detection limit: 3,000	Iwate Pref.	1	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	1.5
	Akita Pref.	2	Akita Canal (Akita City)	*2.9	1.5
	Ibaraki Pref.	3	Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City)	*5.5	1.5
	Tokyo Met.	4	Mouth of Riv. Sumida (Minato Ward)	*2.5	1.5
	Yokohama City	5	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	nd	1.5
		6	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	1.5
	Kawasaki City	7	Mouth of Riv. Tama (Kawasaki City)	*1.5	1.5
		8	Front of Ougi Town, Keihin Canal, Port of Kawasaki	*1.5	1.5
	Niigata Pref.	9	Lower Riv. Shinano (Niigata City)	nd	1.5
	Ishikawa Pref.	10	Mouth of Riv. Sai (Kanazawa City)	*3.1	1.5
	Nagano Pref.	11	Lake Suwa (center)	nd	1.5
	Shizuoka Pref.	12	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd	1.5
	Aichi Pref.	13	West of Shiomi Wharf, Nagoya Port	*1.7	1.5
	Mie Pref.	14	Yokkaichi Port	nd	1.5
	Kyoto Pref.	15	Gokou-bashi Bridge, Riv. Kizu (Yawata City)	nd	11
	Kyoto City	16	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd	1.5
	Osaka Pref.	17	Mouth of Riv. Yamato (Sakai City)	nd	1.5
	Kobe City	18	Kobe Port (center)	*1.5	1.5
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	1.5
	Okayama Pref.	20	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	nd	1.5
		21	Offshore of Mizushima	nd	1.5
	Hiroshima Pref.	22	Front of Miyukicho Otake City, Hiroshima Bay	*6.9	1.5
	Fukuoka Pref.	23	Kabura-bashi Bridge, Riv. Raizan (Itoshima City)	---	---
		24	Offshore of Omuta	---	---
	Fukuoka City	25	Hakata Bay	nd	0.59
	Saga Pref.	26	Imari Bay	*3.5	1.5
	Oita Pref.	27	Mouth of Riv. Oita (Oita City)	nd	1.5

(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

(Note 5) \* : Reference value (The values are less than the detection limit set uniformly for each substance. However, they are detected at reported detection limits that depend 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 communities	No	Monitored sites	Measured value	Reported detection limit	
				Sample1		
[6] Butyl-2,3-epoxypropyl ether Initial Environmental Survey/ surface water (ng/L) Detection Frequency (site): 0/26 (Missing value: 0) Detection Frequency (sample): 0/26 (Missing value: 0) Detection range: nd Detection limit range: 17~190 Detection limit: 190 Requested detection limit: 700	Sapporo City	1	Nakanuma of Riv.Toyohira (Sapporo City)	nd	190	
		2	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	nd	190	
	Sendai City	3	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd	190	
		Akita Pref.	4	Akita Canal (Akita City)	nd	190
	Tokyo Met.	5	Mouth of Riv. Sumida (Minato Ward)	nd	190	
	Yokohama City	6	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	nd	190	
		7	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	190	
	Kawasaki City	8	Mouth of Riv. Tama (Kawasaki City)	nd	190	
		9	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	190	
	Niigata Pref.	10	Lower Riv. Shinano (Niigata City)	nd	190	
	Ishikawa Pref.	11	Mouth of Riv. Sai (Kanazawa City)	nd	17	
	Nagano Pref.	12	Lake Suwa (center)	nd	190	
	Shizuoka Pref.	13	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd	17	
	Aichi Pref.	14	West of Shiomi Wharf, Nagoya Port	nd	190	
	Mie Pref.	15	Yokkaichi Port	nd	190	
	Kyoto Pref.	16	Miyazu Port	nd	190	
	Kyoto City	17	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd	190	
	Osaka Pref.	18	Mouth of Riv. Yamato (Sakai City)	nd	190	
	Kobe City	19	Kobe Port (center)	nd	190	
	Nara Pref.	20	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	190	
	Wakayama Pref.	21	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	190	
	Okayama Pref.	22	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	nd	190	
	Ehime Pref.	23	Sawadu Fishing Port	nd	190	
	Kitakyushu City	24	Dokai Bay	nd	17	
	Saga Pref.	25	Imari Bay	nd	190	
	Oita Pref.	26	Mouth of Riv. Oita (Oita City)	nd	190	
[7] 4-tert -Butylphenol Initial Environmental Survey/ surface water (ng/L) Detection Frequency (site): 0/4 (Missing value: 0) Detection Frequency (sample): 0/4 (Missing value: 0) Detection range: nd Detection limit range: 1.2~3.4 Detection limit: 3.4 Requested detection limit: 10	Chiba Pref.	1	Coast of Ichihara and Anegasaki	nd	3.4	
		Kyoto Pref.	2	Gokou-bashi Bridge, Riv. Kizu (Yawata City)	nd	2.5
		Fukuoka Pref.	3	Kabura-bashi Bridge, Riv. Raizan (Itoshima City)	nd	1.2
			4	Offshore of Omuta	nd	1.2
[8] N-(tert -Butyl)-2-benzothiazolesulfenamide Initial Environmental Survey/ surface water (ng/L) Detection Frequency (site): 0/2 (Missing value: 0) Detection Frequency (sample): 0/2 (Missing value: 0) Detection range: nd Detection limit range: 12 Detection limit: 12 Requested detection limit: 86	Fukuoka Pref.	1	Kabura-bashi Bridge, Riv. Raizan (Itoshima City)	nd	12	
		2	Offshore of Omuta	nd	12	

(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 communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[10-1] Tris(2-chloro-1-methylethyl) phosphate (synonym: Tris(2-chloroisopropyl) phosphate) Initial Environmental Survey/ surface water (ng/L) Detection Frequency (site): 31/32 (Missing value: 0) Detection Frequency (sample): 31/32 (Missing value: 0) Detection range: nd~480 Detection limit range: 1.5 Detection limit: 1.5 Requested detection limit: 6,000	Iwate Pref.	1	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	4.5	1.5
	Miyagi Pref.	2	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	18	1.5
	Sendai City	3	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	19	1.5
	Akita Pref.	4	Akita Canal (Akita City)	7.6	1.5
	Saitama City	5	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	93	1.5
	Chiba Pref.	6	Coast of Ichihara and Anegasaki	29	1.5
	Tokyo Met.	7	Mouth of Riv. Arakawa (Koto Ward)	140	1.5
		8	Mouth of Riv. Sumida (Minato Ward)	140	1.5
	Yokohama City	9	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	480	1.5
		10	Yokohama Port	66	1.5
	Kawasaki City	11	Front of Ougi Town, Keihin Canal, Port of Kawasaki	55	1.5
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	60	1.5
	Shizuoka Pref.	13	Shimizu Port	7.8	1.5
	Aichi Pref.	14	Kinuura Port	5.3	1.5
		15	West of Shiomi Wharf, Nagoya Port	4.0	1.5
	Mie Pref.	16	Yokkaichi Port	18	1.5
	Shiga Pref.	17	Lake Biwa (center, offshore of Minamihira)	26	1.5
		18	Lake Biwa (center, offshore of Karasaki)	29	1.5
	Kyoto City	19	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	120	1.5
	Osaka Pref.	20	Mouth of Riv. Yamato (Sakai City)	160	1.5
	Osaka City	21	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	90	1.5
		22	Osaka Port	170	1.5
	Wakayama Pref.	23	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	14	1.5
	Okayama Pref.	24	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	54	1.5
		25	Offshore of Mizushima	16	1.5
	Yamaguchi Pref.	26	Tokuyama Bay	4.4	1.5
		27	Offshore of Hagi	nd	1.5
	Ehime Pref.	28	Niihama Port	4.9	1.5
		29	Sawadu Fishing Port	6.0	1.5
	Kitakyushu City	30	Dokai Bay	14	1.5
	Saga Pref.	31	Imari Bay	6.1	1.5
	Oita Pref.	32	Mouth of Riv. Oita (Oita City)	30	1.5
[10-2] Tris(1,3-dichloro-2-propyl) phosphate Initial Environmental Survey/ surface water (ng/L) Detection Frequency (site): 31/32 (Missing value: 0) Detection Frequency (sample): 31/32 (Missing value: 0) Detection range: nd~92 Detection limit range: 0.29 Detection limit: 0.29 Requested detection limit: 4	Iwate Pref.	1	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	0.29
	Miyagi Pref.	2	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	2.1	0.29
	Sendai City	3	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	3.7	0.29
	Akita Pref.	4	Akita Canal (Akita City)	0.85	0.29
	Saitama City	5	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	6.9	0.29
	Chiba Pref.	6	Coast of Ichihara and Anegasaki	2.8	0.29
	Tokyo Met.	7	Mouth of Riv. Arakawa (Koto Ward)	25	0.29
		8	Mouth of Riv. Sumida (Minato Ward)	25	0.29
	Yokohama City	9	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	92	0.29
		10	Yokohama Port	5.3	0.29
	Kawasaki City	11	Front of Ougi Town, Keihin Canal, Port of Kawasaki	6.2	0.29
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	7.5	0.29
	Shizuoka Pref.	13	Shimizu Port	0.65	0.29
	Aichi Pref.	14	Kinuura Port	4.8	0.29
		15	West of Shiomi Wharf, Nagoya Port	3.8	0.29
	Mie Pref.	16	Yokkaichi Port	3.0	0.29
	Shiga Pref.	17	Lake Biwa (center, offshore of Minamihira)	2.0	0.29
		18	Lake Biwa (center, offshore of Karasaki)	2.2	0.29
	Kyoto City	19	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	22	0.29
	Osaka Pref.	20	Mouth of Riv. Yamato (Sakai City)	28	0.29
	Osaka City	21	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	12	0.29
		22	Osaka Port	23	0.29
	Wakayama Pref.	23	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	2.5	0.29
	Okayama Pref.	24	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	8.9	0.29
		25	Offshore of Mizushima	0.64	0.29
	Yamaguchi Pref.	26	Tokuyama Bay	0.58	0.29
		27	Offshore of Hagi	0.92	0.29
	Ehime Pref.	28	Niihama Port	0.58	0.29
		29	Sawadu Fishing Port	0.58	0.29
	Kitakyushu City	30	Dokai Bay	2.5	0.29
	Saga Pref.	31	Imari Bay	1.8	0.29
	Oita Pref.	32	Mouth of Riv. Oita (Oita City)	6.3	0.29

(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 communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[10-3] Tris(2-butoxyethyl) phosphate Initial Environmental Survey/ surface water (ng/L) Detection Frequency (site): 32/32 (Missing value: 0) Detection Frequency (sample): 32/32 (Missing value: 0) Detection range: 0.12~450 Detection limit range: 0.11 Detection limit: 0.11 Requested detection limit: 3,000	Iwate Pref.	1	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	0.54	0.11
	Miyagi Pref.	2	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	9.8	0.11
	Sendai City	3	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	2.7	0.11
	Akita Pref.	4	Akita Canal (Akita City)	3.1	0.11
	Saitama City	5	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	71	0.11
	Chiba Pref.	6	Coast of Ichihara and Anegasaki	2.6	0.11
	Tokyo Met.	7	Mouth of Riv. Arakawa (Koto Ward)	120	0.11
		8	Mouth of Riv. Sumida (Minato Ward)	170	0.11
	Yokohama City	9	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	450	0.11
		10	Yokohama Port	44	0.11
	Kawasaki City	11	Front of Ougi Town, Keihin Canal, Port of Kawasaki	20	0.11
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	150	0.11
	Shizuoka Pref.	13	Shimizu Port	3.4	0.11
	Aichi Pref.	14	Kinuura Port	4.5	0.11
		15	West of Shiomi Wharf, Nagoya Port	14	0.11
	Mie Pref.	16	Yokkaichi Port	3.2	0.11
	Shiga Pref.	17	Lake Biwa (center, offshore of Minamihira)	0.30	0.11
		18	Lake Biwa (center, offshore of Karasaki)	0.75	0.11
	Kyoto City	19	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	86	0.11
	Osaka Pref.	20	Mouth of Riv. Yamato (Sakai City)	39	0.11
	Osaka City	21	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	27	0.11
		22	Osaka Port	54	0.11
	Wakayama Pref.	23	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	2.0	0.11
	Okayama Pref.	24	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	94	0.11
		25	Offshore of Mizushima	2.4	0.11
	Yamaguchi Pref.	26	Tokuyama Bay	0.47	0.11
		27	Offshore of Hagi	9.0	0.11
	Ehime Pref.	28	Niihama Port	0.12	0.11
		29	Sawadu Fishing Port	0.29	0.11
	Kitakyushu City	30	Dokai Bay	8.0	0.11
	Saga Pref.	31	Imari Bay	1.1	0.11
	Oita Pref.	32	Mouth of Riv. Oita (Oita City)	15	0.11
[10-4] Tributyl phosphate Initial Environmental Survey/ surface water (ng/L) Detection Frequency (site): 23/33 (Missing value: 0) Detection Frequency (sample): 23/33 (Missing value: 0) Detection range: nd~35 Detection limit range: 0.33 Detection limit: 0.33 Requested detection limit: 10	Akita Pref.	1	Akita Canal (Akita City)	1.0	0.33
	Fukushima Pref.	2	Onahama Port	0.34	0.33
	Saitama City	3	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	4.6	0.33
	Chiba Pref.	4	Coast of Ichihara and Anegasaki	3.3	0.33
	Tokyo Met.	5	Mouth of Riv. Arakawa (Koto Ward)	19	0.33
		6	Mouth of Riv. Sumida (Minato Ward)	22	0.33
	Yokohama City	7	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	35	0.33
		8	Yokohama Port	5.5	0.33
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	9.6	0.33
		10	Front of Ougi Town, Keihin Canal, Port of Kawasaki	6.8	0.33
	Ishikawa Pref.	11	Mouth of Riv. Sai (Kanazawa City)	6.2	0.33
	Fukui Pref.	12	Mishima-bashi Bridge, Riv. Shono (Tsuruga City)	nd	0.33
	Shizuoka Pref.	13	Shimizu Port	1.3	0.33
	Aichi Pref.	14	Kinuura Port	nd	0.33
		15	West of Shiomi Wharf, Nagoya Port	nd	0.33
	Mie Pref.	16	Yokkaichi Port	1.7	0.33
	Shiga Pref.	17	Lake Biwa (center, offshore of Minamihira)	nd	0.33
		18	Lake Biwa (center, offshore of Karasaki)	nd	0.33
	Kyoto City	19	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	24	0.33
	Osaka Pref.	20	Mouth of Riv. Yamato (Sakai City)	15	0.33
	Osaka City	21	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	12	0.33
		22	Osaka Port	19	0.33
	Wakayama Pref.	23	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	5.9	0.33
	Okayama Pref.	24	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	8.3	0.33
		25	Offshore of Mizushima	1.6	0.33
	Yamaguchi Pref.	26	Tokuyama Bay	nd	0.33
		27	Offshore of Hagi	nd	0.33
	Ehime Pref.	28	Niihama Port	nd	0.33
		29	Sawadu Fishing Port	nd	0.33
	Kitakyushu City	30	Dokai Bay	1.8	0.33
	Saga Pref.	31	Imari Bay	nd	0.33
	Kumamoto Pref.	32	Hiraki-bashi Bridge, Riv. Midori (Uto City)	3.6	0.33
	Oita Pref.	33	Mouth of Riv. Oita (Oita City)	1.6	0.33

(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 communities	No	Monitored sites	Measured value			Reported detection limit
				Sample1	Sample2	Sample3	
[5] Tributylamine Initial Environmental Survey/ sediment (ng/g-dry) Detection Frequency (site): 22/27 (Missing value: 0) Detection Frequency (sample): 62/81 (Missing value: 0) Detection range: nd~28 Detection limit range: 0.20~0.56 Detection limit: 0.28 Requested detection limit: 40	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	0.4	0.37	1.0	0.23
	Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	nd	nd	0.22
	Sendai City	3	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	*0.25	*0.27	0.45	0.21
	Akita Pref.	4	Akita Canal (Akita City)	1.1	1.1	1.0	0.33
	Ibaraki Pref.	5	Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City)	2.7	2.4	0.54	0.21
	Chiba Pref.	6	Coast of Ichihara and Anegasaki	28	28	26	0.56
	Tokyo Met.	7	Mouth of Riv. Arakawa (Koto Ward)	3.9	4.1	4.0	0.26
		8	Mouth of Riv. Sumida (Minato Ward)	4.3	5.2	4.8	0.31
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	1.0	0.81	0.84	0.21
		10	Front of Ougi Town, Keihin Canal, Port of Kawasaki	12	2.3	9.0	0.3
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	1.8	1.1	1.3	0.21
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	*0.27	1.0	nd	0.24
	Shizuoka Pref.	13	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd	nd	nd	0.21
	Aichi Pref.	14	Kinuura Port	0.37	2.8	2.9	0.32
		15	West of Shiomi Wharf, Nagoya Port	1.4	3.0	4.9	0.25
	Mie Pref.	16	Yokkaichi Port	1.7	4.0	2.1	0.27
	Kyoto Pref.	17	Miyazu Port	nd	nd	nd	0.28
	Kyoto City	18	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	0.29	0.34	0.34	0.2
	Osaka Pref.	19	Mouth of Riv. Yamato (Sakai City)	2.0	0.51	3.9	0.21
	Kobe City	20	Kobe Port (center)	3.0	2.6	3.3	0.28
	Nara Pref.	21	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	0.54	0.56	0.61	0.2
	Wakayama Pref.	22	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	nd	nd	0.21
	Hiroshima Pref.	23	Front of Miyukicho Otake City, Hiroshima Bay	6.9	4.1	5.3	0.39
	Yamaguchi Pref.	24	Tokuyama Bay	2.5	2.4	2.6	0.37
	Kagawa Pref.	25	Takamatsu Port	3.7	0.61	1.6	0.22
	Kitakyushu City	26	Dokai Bay	3.0	3.1	5.7	0.23
	Oita Pref.	27	Mouth of Riv. Oita (Oita City)	*0.23	nd	nd	0.21
[10-4] Tributyl phosphate Initial Environmental Survey/ sediment (ng/g-dry) Detection Frequency (site): 0/22 (Missing value: 5) Detection Frequency (sample): 0/66 (Missing value: 15) Detection range: nd Detection limit range: 4.7 Detection limit: 4.7 Requested detection limit: 7	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	4.7
	Akita Pref.	2	Akita Canal (Akita City)	nd	nd	nd	4.7
	Chiba Pref.	3	Coast of Ichihara and Anegasaki	nd	nd	nd	4.7
	Tokyo Met.	4	Mouth of Riv. Arakawa (Koto Ward)	nd	nd	nd	4.7
		5	Mouth of Riv. Sumida (Minato Ward)	nd	nd	nd	4.7
	Yokohama City	6	Yokohama Port	nd	nd	nd	4.7
	Kawasaki City	7	Mouth of Riv. Tama (Kawasaki City)	nd	nd	nd	4.7
		8	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	nd	nd	4.7
	Ishikawa Pref.	9	Mouth of Riv. Sai (Kanazawa City)	---	---	---	---
	Shizuoka Pref.	10	Shimizu Port	nd	nd	nd	4.7
	Aichi Pref.	11	Kinuura Port	nd	nd	nd	4.7
		12	West of Shiomi Wharf, Nagoya Port	nd	nd	nd	4.7
	Mie Pref.	13	Yokkaichi Port	---	---	---	---
		14	Toba Port	---	---	---	---
	Shiga Pref.	15	Lake Biwa (center, offshore of Minamihira)	nd	nd	nd	4.7
		16	Lake Biwa (center, offshore of Karasaki)	nd	nd	nd	4.7
	Kyoto City	17	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd	nd	nd	4.7
	Osaka Pref.	18	Mouth of Riv. Yamato (Sakai City)	---	---	---	---
	Osaka City	19	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	nd	nd	4.7
		20	Osaka Port	nd	nd	nd	4.7
	Nara Pref.	21	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	nd	nd	4.7
	Hiroshima Pref.	22	Front of Miyukicho Otake City, Hiroshima Bay	---	---	---	---
	Yamaguchi Pref.	23	Tokuyama Bay	nd	nd	nd	4.7
		24	Offshore of Hagi	nd	nd	nd	4.7
	Kagawa Pref.	25	Takamatsu Port	nd	nd	nd	4.7
	Kitakyushu City	26	Dokai Bay	nd	nd	nd	4.7
	Okinawa Pref.	27	Naha Port	nd	nd	nd	4.7

(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

(Note 5) \* : Reference value (The values are less than the detection limit set uniformly for each substance. However, they are detected at reported detection limits that depend 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 communities	No	Monitored sites	Measured value			Reported detection limit
				Sample1	Sample2	Sample3	
[1] Allyl alcohol Initial Environmental Survey/ air (ng/m <sup>3</sup> ) Detection Frequency (site): 3/17 (Missing value: 0) Detection Frequency (sample): 5/51 (Missing value: 0) Detection range: nd~37 Detection limit range: 13~16 Detection limit: 16 Requested detection limit: 16	Sendai City	1	Tsutsujigaoka Park (Sendai City)	nd	nd	nd	16
	Yamagata Pref.	2	Yonezawa-Kanaike Air Quality Monitoring Station (Yonezawa City)	nd	nd	nd	13
	Saitama Pref.	3	Center for Environmental Science in Saitama (Kazo City)	26	31	nd	13
	Saitama City	4	Saitama City Public Health Center (Saitama City)	36	37	nd	13
	Tokyo Met.	5	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	21	nd	*15	13
		6	Chichijima Island (Ogasawara Village)	nd	nd	nd	13
	Kanagawa Pref.	7	Kanagawa Environmental Research Center (Hiratsuka City)	nd	nd	nd	13
	Kawasaki City	8	Daishi Air Quality Monitoring Station (Kawasaki City)	nd	nd	nd	13
	Fukui Pref.	9	Mikuni Air Quality Monitoring Station (Sakai City)	nd	nd	nd	13
	Aichi Pref.	10	Tokaiishi-Nawamachi Air Quality Monitoring Station (Tokai City)	nd	nd	nd	13
	Nagoya City	11	Chikusa Ward Heiwa Park (Nagoya City)	nd	nd	nd	13
	Osaka Pref.	12	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	nd	nd	nd	13
	Yamaguchi Pref.	13	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	nd	nd	nd	13
	Ehime Pref.	14	Matsuyama City Habu Elementary School (Matsuyama City)	nd	nd	nd	13
	Saga Pref.	15	Saga Prefectural Environmental Research Center (Saga City)	nd	nd	nd	13
	Oita Pref.	16	Oita City Misa Elementary School (Oita City)	nd	nd	nd	13
	Miyazaki Pref.	17	Nobeoka Public Health Center (Nobeoka City)	nd	nd	nd	13
[2] 1-Allyloxy-2,3-epoxypropane Initial Environmental Survey/ air (ng/m <sup>3</sup> ) Detection Frequency (site): 5/15 (Missing value: 0) Detection Frequency (sample): 8/45 (Missing value: 0) Detection range: nd~94 Detection limit range: 2.3~2.4 Detection limit: 2.3 Requested detection limit: 8.6	Sendai City	1	Tsutsujigaoka Park (Sendai City)	94	nd	nd	2.3
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	nd	nd	nd	2.3
	Saitama City	3	Saitama City Public Health Center (Saitama City)	70	47	7.7	2.4
	Tokyo Met.	4	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	nd	nd	nd	2.3
		5	Chichijima Island (Ogasawara Village)	nd	nd	nd	2.3
	Kanagawa Pref.	6	Kanagawa Environmental Research Center (Hiratsuka City)	nd	nd	nd	2.3
	Yokohama City	7	Yokohama Environmental Science Research Institute (Yokohama City)	58	60	nd	2.3
	Nagano Pref.	8	Nagano Environmental Conservation Research Institute (Nagano City)	nd	nd	nd	2.3
	Nagoya City	9	Chikusa Ward Heiwa Park (Nagoya City)	nd	nd	nd	2.3
	Hyogo Pref.	10	Aboshi Air Quality Monitoring Station (Himeji City)	nd	nd	nd	2.3
	Kagawa Pref.	11	Kagawa Prefectural Research Institute for Environmental Sciences and Public Health (Takamatsu City)	nd	nd	nd	2.3
	Ehime Pref.	12	Mibu Air Quality Monitoring Station (Matsuyama)	22	nd	nd	2.3
	Saga Pref.	13	Saga Prefectural Environmental Research Center (Saga City)	nd	nd	nd	2.3
	Kumamoto Pref.	14	Minamata Public Health Center (Minamata City)	33	nd	nd	2.3
	Oita Pref.	15	Oita City Misa Elementary School (Oita City)	nd	nd	nd	2.3
[9] Propanal (synonym: Propionaldehyde) Initial Environmental Survey/ air (ng/m <sup>3</sup> ) Detection Frequency (site): 12/12 (Missing value: 0) Detection Frequency (sample): 36/36 (Missing value: 0) Detection range: 64~1,200 Detection limit range: 16 Detection limit: 16 Requested detection limit: 800	Yamagata Pref.	1	Yonezawa-Kanaike Air Quality Monitoring Station (Yonezawa City)	95	81	81	16
	Tokyo Met.	2	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	450	450	360	16
		3	Chichijima Island (Ogasawara Village)	1,200	790	610	16
	Kanagawa Pref.	4	Kanagawa Environmental Research Center (Hiratsuka City)	270	530	410	16
	Nagano Pref.	5	Nagano Environmental Conservation Research Institute (Nagano City)	200	150	140	16
	Nagoya City	6	Chikusa Ward Heiwa Park (Nagoya City)	200	240	220	16
	Hyogo Pref.	7	Summit of Mt. Rokko	160	95	84	16
		8	Hyogo Prefectural Environmental Research Center (Kobe City)	240	170	100	16
	Yamaguchi Pref.	9	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	110	84	100	16
	Tokushima Pref.	10	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	160	140	170	16
	Saga Pref.	11	Saga Prefectural Environmental Research Center (Saga City)	120	120	64	16
	Oita Pref.	12	Oita City Misa Elementary School (Oita City)	180	230	230	16

(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 depend 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 communities	No	Monitored sites	Measured value			Reported detection limit
				Sample1	Sample2	Sample3	
[10-2] Tris(1,3-dichloro-2-propyl) phosphate Initial Environmental Survey/ air (ng/m <sup>3</sup> ) Detection Frequency (site): 4/16 (Missing value: 1) Detection Frequency (sample): 4/48 (Missing value: 3) Detection range: nd~3.3 Detection limit range: 1.1 Detection limit: 1.1 Requested detection limit: 20	Hokkaido	1	Research Institute of Energy, Environment and Geology, Hokkaido Research Organization (Sapporo City)	nd	nd	nd	1.1
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	nd	1.1	nd	1.1
	Saitama City	3	Saitama City Public Health Center (Saitama City)	nd	nd	nd	1.1
	Tokyo Met.	4	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	nd	nd	nd	1.1
	Kanagawa Pref.	5	Kanagawa Environmental Research Center (Hiratsuka City)	nd	nd	nd	1.1
	Nagano Pref.	6	Nagano Environmental Conservation Research Institute (Nagano City)	nd	nd	nd	1.1
	Aichi Pref.	7	Toyokawa City Government Building (Toyokawa)	2.0	nd	nd	1.1
		8	Tokaiishi-Nawamachi Air Quality Monitoring Station (Tokai City)	nd	nd	nd	1.1
	Nagoya City	9	Chikusa Ward Heiwa Park (Nagoya City)	---	---	---	---
	Mie Pref.	10	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	nd	nd	nd	1.1
	Kyoto City	11	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	nd	nd	nd	1.1
	Osaka Pref.	12	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	nd	nd	nd	1.1
	Hyogo Pref.	13	Hyogo Prefectural Environmental Research Center (Kobe City)	nd	nd	nd	1.1
	Kagawa Pref.	14	Takamatsu Joint Prefectural Government Building(Takamatsu City)	nd	nd	3.3	1.1
	Kitakyushu City	15	Kitakyushu City Institute of Health and Environmental Sciences (Kitakyushu City)	nd	nd	nd	1.1
	Saga Pref.	16	Saga Prefectural Environmental Research Center (Saga City)	nd	nd	nd	1.1
	Oita Pref.	17	Oita City Misa Elementary School (Oita City)	nd	nd	1.3	1.1
[10-4] Tributyl phosphate Initial Environmental Survey/ air (ng/m <sup>3</sup> ) Detection Frequency (site): 11/16 (Missing value: 1) Detection Frequency (sample): 18/48 (Missing value: 3) Detection range: nd~0.35 Detection limit range: 0.067 Detection limit: 0.067 Requested detection limit: 0.2	Hokkaido	1	Research Institute of Energy, Environment and Geology, Hokkaido Research Organization (Sapporo City)	nd	nd	nd	0.067
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	nd	0.096	nd	0.067
	Saitama City	3	Saitama City Public Health Center (Saitama City)	0.35	0.16	0.085	0.067
	Tokyo Met.	4	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	0.085	nd	nd	0.067
	Kanagawa Pref.	5	Kanagawa Environmental Research Center (Hiratsuka City)	0.071	nd	nd	0.067
	Nagano Pref.	6	Nagano Environmental Conservation Research Institute (Nagano City)	nd	nd	nd	0.067
	Aichi Pref.	7	Toyokawa City Government Building (Toyokawa)	0.074	0.077	nd	0.067
		8	Tokaiishi-Nawamachi Air Quality Monitoring Station (Tokai City)	nd	nd	nd	0.067
	Nagoya City	9	Chikusa Ward Heiwa Park (Nagoya City)	---	---	---	---
	Mie Pref.	10	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	0.077	nd	nd	0.067
	Kyoto City	11	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	nd	nd	nd	0.067
	Osaka Pref.	12	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	nd	0.11	0.099	0.067
	Hyogo Pref.	13	Hyogo Prefectural Environmental Research Center (Kobe City)	0.11	nd	0.097	0.067
	Kagawa Pref.	14	Takamatsu Joint Prefectural Government Building(Takamatsu City)	0.089	nd	nd	0.067
	Kitakyushu City	15	Kitakyushu City Institute of Health and Environmental Sciences (Kitakyushu City)	0.12	0.076	nd	0.067
	Saga Pref.	16	Saga Prefectural Environmental Research Center (Saga City)	nd	nd	nd	0.067
	Oita Pref.	17	Oita City Misa Elementary School (Oita City)	nd	0.084	0.095	0.067

(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