

Target chemicals	Local communities	No	Monitored sites	measured value	Reported
				Sample 1	Detection limit
[2] 2-(4-Ethoxyphenyl)-2-methylpropyl 3-phenoxybenzyl ether (synonym: Etofenprox) Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 0/25 (Missing value : 0) Detection Frequency (sample) : 0/25 (Missing value : 0) Detection range : nd Detection limit range : 0.071 ~ 2.2 Detection limit : 2.2 Requested Detection limit : 2.7	Miyagi Pref.	1	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	nd	0.071
		2	Sakura-hodoukyou Bridge, Riv. Shiroishi (Shibata Town)	nd	0.071
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.071
	Yamagata Pref.	4	River Mogami, around Kurotaki bridge	nd	0.40
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	0.071
	Tochigi Pref.	6	Tagawa Kyubun Area Head Works (Utsunomiya City)	nd	0.26
	Chiba Pref.	7	Coast of Ichihara and Anegasaki	nd	0.071
		8	Mouth of Riv. Arakawa (Koto Ward)	nd	0.071
	Tokyo Met.	9	Mouth of Riv. Sumida (Minato Ward)	*1.4	0.071
	Yokohama City	10	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.071
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	nd	0.40
	Toyama Pref.	12	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd	0.071
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	0.40
	Shizuoka Pref.	14	Riv. Tenryu (Iwata City)	nd	0.071
	Aichi Pref.	15	Nagoya Port , West of Shiomi Wharf	nd	0.40
	Kyoto Pref.	16	Gokou-bashi Bridge, Riv. Kizu (Yawata City)	nd	2.2
	Kyoto City	17	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd	0.071
	Osaka Pref.	18	Mouth of Riv. Yamato (Sakai City)	nd	0.071
	Osaka City	19	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.071
		20	Osaka Port	nd	0.071
	Wakayama Pref.	21	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	0.071
	Yamaguchi Pref.	22	Tokuyama Bay	nd	0.40
		23	Offshore of Hagi	nd	0.40
	Kitakyushu City	24	Dokai Bay	nd	0.071
	Kumamoto Pref.	25	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd	0.071
[3] Chloroethanoic acid and its salts Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 3/24 (Missing value : 0) Detection Frequency (sample) : 3/24 (Missing value : 0) Detection range : nd ~ 100 Detection limit range : 22 ~ 29 Detection limit : 29 Requested Detection limit : 33	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	29
		2	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	nd	29
	Miyagi Pref.	3	Sakura-hodoukyou Bridge, Riv. Shiroishi (Shibata Town)	nd	29
		4	Akita Canal (Akita City)	nd	29
	Akita Pref.	5	Akita Canal (Akita City)	nd	29
	Saitama Pref.	6	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	nd	29
	Saitama City	7	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	nd	29
	Chiba Pref.	8	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	nd	29
	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	nd	29
		10	Mouth of Riv. Sumida (Minato Ward)	nd	29
	Kawasaki City	11	Mouth of Riv. Tama (Kawasaki City)	nd	29
	Nagano Pref.	12	Lake Suwa (center)	nd	29
	Shizuoka Pref.	13	Lower Riv. Niino (Omaezaki City)	nd	29
		14	Riv. Tenryu (Iwata City)	33	29
	Aichi Pref.	15	Nagoya Port , West of Shiomi Wharf	nd	29
	Nagoya City	16	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	29
		17	Nagoya Port , South of Shiomi Wharf	32	29
	Osaka Pref.	18	Mouth of Riv. Yamato (Sakai City)	nd	29
	Osaka City	19	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	29
		20	Osaka Port	nd	29
	Hyogo Pref.	21	Offshore of Himeji	100	22
	Kobe City	22	Aboshi Port	nd	29
		23	Kobe Port (center)	nd	29
	Wakayama Pref.	24	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	29
25		Asahi-bashi Bridge, Riv. Waka (Wakayama City)	nd	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

(Note 4) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

Target chemicals	Local communities	No	Monitored sites	measured value	Reported
				Sample1	Detection limit
[4] N,N-Dimethylformamide Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 13/25 (Missing value : 0) Detection Frequency (sample) : 13/25 (Missing value : 0) Detection range : nd ~ 410 Detection limit range : 19 ~ 59 Detection limit : 59 Requested Detection limit : 240	Miyagi Pref.	1	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	*52	24
		2	Sakura-hodoukyou Bridge, Riv. Shiroishi (Shibata Town)	*39	24
	Akita Pref.	3	Akita Canal (Akita City)	75	24
	Ibaraki Pref.	4	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	59	24
	Tochigi Pref.	5	Daidoizumi-bashi Bridge, Riv. Kinu (Moka City)	*32	28
		6	Tagawa Kyubun Area Head Works (Utsunomiya City)	nd	29
	Gunma Pref.	7	Namiii-hashi Bridge, Riv. Kanzawa (Isesaki City, Maebashi City)	140	24
	Saitama Pref.	8	Maeyashiki-hashi Bridge, Riv. Oshi (Konosu City)	*47	24
		9	Saikachido-bashi Bridge, Riv. Ayase (Soka City)	*32	24
	Tokyo Met.	10	Mouth of Riv. Arakawa (Koto Ward)	*52	24
	Yokohama City	11	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	240	24
		12	Yokohama Port	86	24
	Niigata Pref.	13	Lower Riv. Shinano (Niigata City)	93	34
	Toyama Pref.	14	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	*40	24
	Ishikawa Pref.	15	Mouth of Riv. Sai (Kanazawa City)	410	19
	Mie Pref.	16	Yokkaichi Port	76	24
	Shiga Pref.	17	Lake Biwa (center, offshore of Minamihira)	*41	24
		18	Lake Biwa (center, offshore of Karasaki)	*33	24
	Osaka Pref.	19	Mouth of Riv. Yamato (Sakai City)	170	24
	Osaka City	20	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	*47	24
		21	Osaka Port	84	24
	Kagawa Pref.	22	Takamatsu Port	nd	59
	Fukuoka Pref.	23	Offshore of Omuta	86	24
	Fukuoka City	24	Hakata Bay	320	24
	Kumamoto Pref.	25	Hiraki-bashi Bridge, Riv. Midori (Uto City)	77	24
[5] Thiocyanic acid and its salts Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 24/24 (Missing value : 0) Detection Frequency (sample) : 24/24 (Missing value : 0) Detection range : 2.5 ~ 120 Detection limit range : 1.1 Detection limit : 1.1 Requested Detection limit : 1.5	Hokkaido	1	Ishikarikokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	96	1.1
		2	Tomakomai Port	7.4	1.1
	Akita Pref.	3	Akita Canal (Akita City)	3.1	1.1
	Chiba Pref.	4	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	4.8	1.1
		5	Coast of Ichihara and Anegasaki	31	1.1
	Tokyo Met.	6	Mouth of Riv. Sumida (Minato Ward)	39	1.1
	Yokohama City	7	Yokohama Port	13	1.1
	Kawasaki City	8	Keihin Canal, Port of Kawasaki, The Coast of Chidori Town	44	1.1
		9	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	94	1.1
	Aichi Pref.	10	Nagoya Port, West of Shiomi Wharf	7.2	1.1
	Nagoya City	11	Nagoya Port, South of Shiomi Wharf	46	1.1
	Mie Pref.	12	Yokkaichi Port	24	1.1
		13	Toba Port	2.5	1.1
	Osaka City	14	Osaka Port	36	1.1
	Hyogo Pref.	15	Offshore of Himeji	22	1.1
		16	Offshore of Takasago West Port	5.4	1.1
	Kobe City	17	Kobe Port (center)	3.6	1.1
	Wakayama Pref.	18	Offshore of Wakayama Port	50	1.1
	Okayama Pref.	19	Offshore of Mizushima	84	1.1
	Yamaguchi Pref.	20	Tokuyama Bay	42	1.1
	Kagawa Pref.	21	Takamatsu Port	4.4	1.1
	Ehime Pref.	22	Sawadu Fishing Port	15	1.1
	Oita Pref.	23	Beppu Bay (center)	120	1.1
		24	Saganoseki Port	46	1.1

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

(Note 4) nd : Not detected

(Note 5) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

Target chemicals	Local communities	No	Monitored sites	measured value	Reported
				Sample 1	Detection limit
[6] Medium-chain chlorinated paraffins (The alkyl chain has 10 - 14 carbon atoms, and the chlorinated number is 4 - 9.) Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 3/23 (Missing value : 0) Detection Frequency (sample) : 3/23 (Missing value : 0) Detection range : nd ~ 140 Detection limit range : **20 Detection limit : **20 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	**20
		2	Tomakomai Port	nd	**20
	Akita Pref.	3	Akita Canal (Akita City)	nd	**20
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	**20
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	**20
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	**20
		7	Mouth of Riv. Sumida (Minato Ward)	nd	**20
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	**20
		9	Yokohama Port	nd	**20
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	**20
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	**20
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	**20
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	**20
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	140	**20
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	**20
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	**20
		17	Osaka Port	nd	**20
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	**20
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	76	**20
	Okayama Pref.	20	Offshore of Mizushima	20	**20
	Yamaguchi Pref.	21	Tokuyama Bay	nd	**20
	Kitakyushu City	22	Dokai Bay	nd	**20
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	**20
[6-1] Chlorinated tetradecanes (The chlorinated number is 4 - 9.) Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 8/23 (Missing value : 0) Detection Frequency (sample) : 8/23 (Missing value : 0) Detection range : nd ~ 47 Detection limit range : ***5.5 Detection limit : ***5.5 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	6.6	***5.5
		2	Tomakomai Port	nd	***5.5
	Akita Pref.	3	Akita Canal (Akita City)	nd	***5.5
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	***5.5
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	6.6	***5.5
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	***5.5
		7	Mouth of Riv. Sumida (Minato Ward)	11	***5.5
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	***5.5
		9	Yokohama Port	9.2	***5.5
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	***5.5
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	***5.5
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	***5.5
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	***5.5
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	47	***5.5
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	***5.5
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	***5.5
		17	Osaka Port	nd	***5.5
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	***5.5
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	30	***5.5
	Okayama Pref.	20	Offshore of Mizushima	9.6	***5.5
	Yamaguchi Pref.	21	Tokuyama Bay	8.3	***5.5
	Kitakyushu City	22	Dokai Bay	nd	***5.5
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	***5.5

(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) \*\* Total value of detected limit value each number of carbon atoms in alkyl chain.

(Note 5) \*\*\* Total value of detected limit value each number of chlorine atoms.

(Note 6) the sum value of the Detection limits of each target chemicals(C=14-16, Cl=4-9) by assuming nd to be no value.

Target chemicals	Local communities	No	Monitored sites	measured value	Reported
				Sample1	Detection limit
[6-1] Chlorinated tetradecanes (The chlorinated number is 5 - 8.) Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 15/23 (Missing value : 0) Detection Frequency (sample) : 15/23 (Missing value : 0) Detection range : nd ~ 44 Detection limit range : ***3.4 Detection limit : ***3.4 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	6.2	***3.4
		2	Tomakomai Port	nd	***3.4
	Akita Pref.	3	Akita Canal (Akita City)	nd	***3.4
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	***3.4
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	6.6	***3.4
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	3.8	***3.4
		7	Mouth of Riv. Sumida (Minato Ward)	10	***3.4
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	3.9	***3.4
		9	Yokohama Port	8.5	***3.4
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	3.5	***3.4
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	***3.4
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	***3.4
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	5.2	***3.4
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	44	***3.4
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	***3.4
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	5.2	***3.4
		17	Osaka Port	4.8	***3.4
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	***3.4
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	28	***3.4
	Okayama Pref.	20	Offshore of Mizushima	9.6	***3.4
	Yamaguchi Pref.	21	Tokuyama Bay	8.3	***3.4
	Kitakyushu City	22	Dokai Bay	3.6	***3.4
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	***3.4
[6-1-1] Tetrachlorotetradecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 1/23 (Missing value : 0) Detection Frequency (sample) : 1/23 (Missing value : 0) Detection range : nd ~ 0.96 Detection limit range : 0.94 Detection limit : 0.94 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	0.94
		2	Tomakomai Port	nd	0.94
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.94
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.94
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	0.94
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	0.94
		7	Mouth of Riv. Sumida (Minato Ward)	nd	0.94
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.94
		9	Yokohama Port	nd	0.94
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	0.94
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.94
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	0.94
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	0.94
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	0.96	0.94
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.94
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.94
		17	Osaka Port	nd	0.94
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.94
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	0.94
	Okayama Pref.	20	Offshore of Mizushima	nd	0.94
	Yamaguchi Pref.	21	Tokuyama Bay	nd	0.94
	Kitakyushu City	22	Dokai Bay	nd	0.94
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.94

(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) \*\*\* Total value of detected limit value each number of chlorine atoms.

(Note 5) the sum value of the Detection limits of each number of chlorine atoms by assuming nd to be no value.

Target chemicals	Local communities	No	Monitored sites	measured value	Reported
				Sample1	Detection limit
[6-1-2] Pentachlorotetradecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 16/23 (Missing value : 0) Detection Frequency (sample) : 16/23 (Missing value : 0) Detection range : nd ~ 10 Detection limit range : 0.91 Detection limit : 0.91 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakoko Bridge, Mouth of Riv. Ishikari (Ishikari City)	3.0	0.91
		2	Tomakomai Port	nd	0.91
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.91
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.91
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	1.6	0.91
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	1.0	0.91
		7	Mouth of Riv. Sumida (Minato Ward)	2.1	0.91
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	1.3	0.91
		9	Yokohama Port	3.0	0.91
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	1.3	0.91
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	1.5	0.91
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	0.91
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	1.2	0.91
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	10	0.91
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.91
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	1.5	0.91
		17	Osaka Port	1.8	0.91
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.91
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	8.0	0.91
	Okayama Pref.	20	Offshore of Mizushima	2.4	0.91
	Yamaguchi Pref.	21	Tokuyama Bay	2.8	0.91
	Kitakyushu City	22	Dokai Bay	1.3	0.91
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.91
[6-1-3] Hexachlorotetradecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 16/23 (Missing value : 0) Detection Frequency (sample) : 16/23 (Missing value : 0) Detection range : nd ~ 18 Detection limit range : 1.1 Detection limit : 1.1 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakoko Bridge, Mouth of Riv. Ishikari (Ishikari City)	2.3	1.1
		2	Tomakomai Port	nd	1.1
	Akita Pref.	3	Akita Canal (Akita City)	nd	1.1
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	1.1
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	2.5	1.1
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	1.7	1.1
		7	Mouth of Riv. Sumida (Minato Ward)	4.1	1.1
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	1.5	1.1
		9	Yokohama Port	3.1	1.1
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	1.3	1.1
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	1.3	1.1
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	1.1
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	1.9	1.1
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	18	1.1
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	1.1
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	1.8	1.1
		17	Osaka Port	1.8	1.1
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	1.1
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	11	1.1
	Okayama Pref.	20	Offshore of Mizushima	3.6	1.1
	Yamaguchi Pref.	21	Tokuyama Bay	3.2	1.1
	Kitakyushu City	22	Dokai Bay	1.4	1.1
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	1.1

(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
				Sample1	Detection limit
[6-1-4] Heptachlorotetradecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 16/23 (Missing value : 0) Detection Frequency (sample) : 16/23 (Missing value : 0) Detection range : nd ~ 12 Detection limit range : 0.87 Detection limit : 0.87 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	0.91	0.87
		2	Tomakomai Port	nd	0.87
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.87
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.87
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	1.9	0.87
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	1.1	0.87
		7	Mouth of Riv. Sumida (Minato Ward)	3.0	0.87
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	1.1	0.87
		9	Yokohama Port	1.7	0.87
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	0.94	0.87
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.87
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	0.93	0.87
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	1.4	0.87
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	12	0.87
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.87
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	1.2	0.87
		17	Osaka Port	1.2	0.87
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.87
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	7.0	0.87
	Okayama Pref.	20	Offshore of Mizushima	2.6	0.87
	Yamaguchi Pref.	21	Tokuyama Bay	1.6	0.87
	Kitakyushu City	22	Dokai Bay	0.94	0.87
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.87
[6-1-5] Octachlorotetradecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 9/23 (Missing value : 0) Detection Frequency (sample) : 9/23 (Missing value : 0) Detection range : nd ~ 3.9 Detection limit range : 0.56 Detection limit : 0.56 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	0.56
		2	Tomakomai Port	nd	0.56
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.56
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.56
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	0.61	0.56
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	0.56
		7	Mouth of Riv. Sumida (Minato Ward)	1.1	0.56
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.56
		9	Yokohama Port	0.70	0.56
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	0.56
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.56
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	0.56
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	0.65	0.56
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	3.9	0.56
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.56
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	0.65	0.56
		17	Osaka Port	nd	0.56
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.56
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	2.0	0.56
	Okayama Pref.	20	Offshore of Mizushima	0.99	0.56
	Yamaguchi Pref.	21	Tokuyama Bay	0.69	0.56
	Kitakyushu City	22	Dokai Bay	nd	0.56
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.56

(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
				Sample1	Detection limit
[6-1-6] Nonachlorotetradecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 1/23 (Missing value : 0) Detection Frequency (sample) : 1/23 (Missing value : 0) Detection range : nd ~ 1.2 Detection limit range : 1.1 Detection limit : 1.1 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	1.1
		2	Tomakomai Port	nd	1.1
	Akita Pref.	3	Akita Canal (Akita City)	nd	1.1
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	1.1
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	1.1
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	1.1
		7	Mouth of Riv. Sumida (Minato Ward)	nd	1.1
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	1.1
		9	Yokohama Port	nd	1.1
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	1.1
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	1.1
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	1.1
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	1.1
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	1.2	1.1
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	1.1
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	1.1
		17	Osaka Port	nd	1.1
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	1.1
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	1.1
	Okayama Pref.	20	Offshore of Mizushima	nd	1.1
	Yamaguchi Pref.	21	Tokuyama Bay	nd	1.1
	Kitakyushu City	22	Dokai Bay	nd	1.1
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	1.1
[6-2] Chlorinated pentadecanes (The chlorinated number is 4 - 9.) Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 5/23 (Missing value : 0) Detection Frequency (sample) : 5/23 (Missing value : 0) Detection range : nd ~ 37 Detection limit range : ***4.6 Detection limit : ***4.6 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	***4.6
		2	Tomakomai Port	nd	***4.6
	Akita Pref.	3	Akita Canal (Akita City)	nd	***4.6
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	***4.6
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	5.6	***4.6
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	***4.6
		7	Mouth of Riv. Sumida (Minato Ward)	5.8	***4.6
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	***4.6
		9	Yokohama Port	nd	***4.6
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	***4.6
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	***4.6
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	***4.6
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	***4.6
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	37	***4.6
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	***4.6
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	***4.6
		17	Osaka Port	nd	***4.6
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	***4.6
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	25	***4.6
	Okayama Pref.	20	Offshore of Mizushima	5.0	***4.6
	Yamaguchi Pref.	21	Tokuyama Bay	nd	***4.6
	Kitakyushu City	22	Dokai Bay	nd	***4.6
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	***4.6

(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) \*\*\* Total value of detected limit value each number of chlorine atoms.

(Note 6) the sum value of the Detection limits of each number of chlorine atoms by assuming nd to be no value.

Target chemicals	Local communities	No	Monitored sites	measured value	Reported
				Sample 1	Detection limit
[6-2-1] Tetrachloropentadecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 2/23 (Missing value : 0) Detection Frequency (sample) : 2/23 (Missing value : 0) Detection range : nd ~ 1.0 Detection limit range : 0.79 Detection limit : 0.79 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	0.79
		2	Tomakomai Port	nd	0.79
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.79
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.79
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	0.79
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	0.79
		7	Mouth of Riv. Sumida (Minato Ward)	nd	0.79
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.79
		9	Yokohama Port	nd	0.79
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	0.79
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.79
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	0.79
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	0.79
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	1.0	0.79
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.79
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.79
		17	Osaka Port	nd	0.79
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.79
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	1.0	0.79
	Okayama Pref.	20	Offshore of Mizushima	nd	0.79
	Yamaguchi Pref.	21	Tokuyama Bay	nd	0.79
	Kitakyushu City	22	Dokai Bay	nd	0.79
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.79
[6-2-2] Pentachloropentadecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 5/23 (Missing value : 0) Detection Frequency (sample) : 5/23 (Missing value : 0) Detection range : nd ~ 6.9 Detection limit range : 1.0 Detection limit : 1.0 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	1.0
		2	Tomakomai Port	nd	1.0
	Akita Pref.	3	Akita Canal (Akita City)	nd	1.0
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	1.0
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	1.1	1.0
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	1.0
		7	Mouth of Riv. Sumida (Minato Ward)	1.1	1.0
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	1.0
		9	Yokohama Port	nd	1.0
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	1.0
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	1.0
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	1.0
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	1.0
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	6.4	1.0
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	1.0
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	1.0
		17	Osaka Port	nd	1.0
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	1.0
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	6.9	1.0
	Okayama Pref.	20	Offshore of Mizushima	nd	1.0
	Yamaguchi Pref.	21	Tokuyama Bay	1.2	1.0
	Kitakyushu City	22	Dokai Bay	nd	1.0
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	1.0

(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



Target chemicals	Local communities	No	Monitored sites	measured value	Reported
				Sample1	Detection limit
[6-2-3] Hexachloropentadecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 12/23 (Missing value : 0) Detection Frequency (sample) : 12/23 (Missing value : 0) Detection range : nd ~ 13 Detection limit range : 0.67 Detection limit : 0.67 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	0.80	0.67
		2	Tomakomai Port	nd	0.67
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.67
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.67
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	2.0	0.67
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	0.88	0.67
		7	Mouth of Riv. Sumida (Minato Ward)	2.1	0.67
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.67
		9	Yokohama Port	1.3	0.67
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	0.67
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.67
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	0.67
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	0.85	0.67
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	13	0.67
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.67
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	1.2	0.67
		17	Osaka Port	0.90	0.67
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.67
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	9.5	0.67
	Okayama Pref.	20	Offshore of Mizushima	1.8	0.67
	Yamaguchi Pref.	21	Tokuyama Bay	1.2	0.67
	Kitakyushu City	22	Dokai Bay	nd	0.67
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.67
[6-2-4] Heptachloropentadecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 11/23 (Missing value : 0) Detection Frequency (sample) : 11/23 (Missing value : 0) Detection range : nd ~ 11 Detection limit range : 0.72 Detection limit : 0.72 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	0.72
		2	Tomakomai Port	nd	0.72
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.72
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.72
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	1.8	0.72
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	0.78	0.72
		7	Mouth of Riv. Sumida (Minato Ward)	1.7	0.72
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.72
		9	Yokohama Port	0.93	0.72
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	0.72
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.72
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	0.72
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	0.78	0.72
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	11	0.72
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.72
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	1.1	0.72
		17	Osaka Port	0.95	0.72
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.72
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	5.4	0.72
	Okayama Pref.	20	Offshore of Mizushima	1.5	0.72
	Yamaguchi Pref.	21	Tokuyama Bay	0.92	0.72
	Kitakyushu City	22	Dokai Bay	nd	0.72
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.72

(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
				Sample1	Detection limit
[6-2-5] Octachloropentadecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 6/23 (Missing value : 0) Detection Frequency (sample) : 6/23 (Missing value : 0) Detection range : nd ~ 4.5 Detection limit range : 0.51 Detection limit : 0.51 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	0.51
		2	Tomakomai Port	nd	0.51
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.51
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.51
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	0.76	0.51
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	0.51
		7	Mouth of Riv. Sumida (Minato Ward)	0.83	0.51
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.51
		9	Yokohama Port	nd	0.51
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	0.51
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.51
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	0.51
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	0.51
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	4.5	0.51
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.51
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	0.54	0.51
		17	Osaka Port	nd	0.51
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.51
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	2.0	0.51
	Okayama Pref.	20	Offshore of Mizushima	0.70	0.51
	Yamaguchi Pref.	21	Tokuyama Bay	nd	0.51
	Kitakyushu City	22	Dokai Bay	nd	0.51
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.51
[6-2-6] Nonachloropentadecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 1/23 (Missing value : 0) Detection Frequency (sample) : 1/23 (Missing value : 0) Detection range : nd ~ 1.3 Detection limit range : 0.92 Detection limit : 0.92 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	0.92
		2	Tomakomai Port	nd	0.92
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.92
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.92
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	0.92
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	0.92
		7	Mouth of Riv. Sumida (Minato Ward)	nd	0.92
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.92
		9	Yokohama Port	nd	0.92
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	0.92
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.92
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	0.92
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	0.92
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	1.3	0.92
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.92
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.92
		17	Osaka Port	nd	0.92
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.92
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	0.92
	Okayama Pref.	20	Offshore of Mizushima	nd	0.92
	Yamaguchi Pref.	21	Tokuyama Bay	nd	0.92
	Kitakyushu City	22	Dokai Bay	nd	0.92
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.92

(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
				Sample1	Detection limit
[6-3] Chlorinated hexadecanes (The chlorinated number is 4 - 9.) Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 2/23 (Missing value : 0) Detection Frequency (sample) : 2/23 (Missing value : 0) Detection range : nd ~ 30 Detection limit range : ***5.8 Detection limit : ***5.8 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	***5.8
		2	Tomakomai Port	nd	***5.8
	Akita Pref.	3	Akita Canal (Akita City)	nd	***5.8
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	***5.8
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	***5.8
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	***5.8
		7	Mouth of Riv. Sumida (Minato Ward)	nd	***5.8
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	***5.8
		9	Yokohama Port	nd	***5.8
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	***5.8
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	***5.8
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	***5.8
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	***5.8
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	30	***5.8
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	***5.8
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	***5.8
		17	Osaka Port	nd	***5.8
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	***5.8
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	14	***5.8
	Okayama Pref.	20	Offshore of Mizushima	nd	***5.8
	Yamaguchi Pref.	21	Tokuyama Bay	nd	***5.8
	Kitakyushu City	22	Dokai Bay	nd	***5.8
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	***5.8
[6-3-1] Tetrachlorohexadecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 2/23 (Missing value : 0) Detection Frequency (sample) : 2/23 (Missing value : 0) Detection range : nd ~ 2.8 Detection limit range : 1.4 Detection limit : 1.4 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	1.4
		2	Tomakomai Port	nd	1.4
	Akita Pref.	3	Akita Canal (Akita City)	nd	1.4
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	1.4
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	1.4
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	1.4
		7	Mouth of Riv. Sumida (Minato Ward)	nd	1.4
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	1.4
		9	Yokohama Port	nd	1.4
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	1.4
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	1.4
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	1.4
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	1.4
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	2.8	1.4
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	1.4
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	1.4
		17	Osaka Port	nd	1.4
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	1.4
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	2.1	1.4
	Okayama Pref.	20	Offshore of Mizushima	nd	1.4
	Yamaguchi Pref.	21	Tokuyama Bay	nd	1.4
	Kitakyushu City	22	Dokai Bay	nd	1.4
	Oita Pref.	23	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

(Note 4) \*\*\* Total value of detected limit value each number of chlorine atoms.

(Note 6) the sum value of the Detection limits of each number of chlorine atoms by assuming nd to be no value.

Target chemicals	Local communities	No	Monitored sites	measured value	Reported
				Sample1	Detection limit
[6-3-2] Pentachlorohexadecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 2/23 (Missing value : 0) Detection Frequency (sample) : 2/23 (Missing value : 0) Detection range : nd ~ 4.6 Detection limit range : 0.97 Detection limit : 0.97 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	0.97
		2	Tomakomai Port	nd	0.97
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.97
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.97
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	0.97
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	0.97
		7	Mouth of Riv. Sumida (Minato Ward)	nd	0.97
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.97
		9	Yokohama Port	nd	0.97
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	0.97
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.97
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	0.97
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	0.97
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	4.6	0.97
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.97
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.97
		17	Osaka Port	nd	0.97
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.97
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	4.3	0.97
	Okayama Pref.	20	Offshore of Mizushima	nd	0.97
	Yamaguchi Pref.	21	Tokuyama Bay	nd	0.97
	Kitakyushu City	22	Dokai Bay	nd	0.97
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.97
[6-3-3] Hexachlorohexadecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 3/23 (Missing value : 0) Detection Frequency (sample) : 3/23 (Missing value : 0) Detection range : nd ~ 9.6 Detection limit range : 0.97 Detection limit : 0.97 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	0.97
		2	Tomakomai Port	nd	0.97
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.97
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.97
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	0.99	0.97
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	0.97
		7	Mouth of Riv. Sumida (Minato Ward)	nd	0.97
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.97
		9	Yokohama Port	nd	0.97
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	0.97
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.97
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	0.97
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	0.97
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	9.6	0.97
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.97
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.97
		17	Osaka Port	nd	0.97
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.97
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	4.4	0.97
	Okayama Pref.	20	Offshore of Mizushima	nd	0.97
	Yamaguchi Pref.	21	Tokuyama Bay	nd	0.97
	Kitakyushu City	22	Dokai Bay	nd	0.97
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.97

(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
				Sample1	Detection limit
[6-3-4] Heptachlorohexadecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 4/23 (Missing value : 0) Detection Frequency (sample) : 4/23 (Missing value : 0) Detection range : nd ~ 8.4 Detection limit range : 0.82 Detection limit : 0.82 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	0.82
		2	Tomakomai Port	nd	0.82
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.82
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.82
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	0.98	0.82
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	0.82
		7	Mouth of Riv. Sumida (Minato Ward)	nd	0.82
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.82
		9	Yokohama Port	nd	0.82
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	0.82
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.82
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	0.82
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	0.82
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	8.4	0.82
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.82
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.82
		17	Osaka Port	nd	0.82
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.82
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	2.4	0.82
	Okayama Pref.	20	Offshore of Mizushima	1.2	0.82
	Yamaguchi Pref.	21	Tokuyama Bay	nd	0.82
	Kitakyushu City	22	Dokai Bay	nd	0.82
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.82
[6-3-5] Octachlorohexadecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 1/23 (Missing value : 0) Detection Frequency (sample) : 1/23 (Missing value : 0) Detection range : nd ~ 4.0 Detection limit range : 0.95 Detection limit : 0.95 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	0.95
		2	Tomakomai Port	nd	0.95
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.95
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.95
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	0.95
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	0.95
		7	Mouth of Riv. Sumida (Minato Ward)	nd	0.95
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.95
		9	Yokohama Port	nd	0.95
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	0.95
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.95
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	0.95
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	0.95
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	4.0	0.95
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.95
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.95
		17	Osaka Port	nd	0.95
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.95
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	0.95
	Okayama Pref.	20	Offshore of Mizushima	nd	0.95
	Yamaguchi Pref.	21	Tokuyama Bay	nd	0.95
	Kitakyushu City	22	Dokai Bay	nd	0.95
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.95

(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
				Sample 1	Detection limit
[6-3-6] Nonachlorohexadecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 1/23 (Missing value : 0) Detection Frequency (sample) : 1/23 (Missing value : 0) Detection range : nd ~ 0.98 Detection limit range : 0.64 Detection limit : 0.64 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	0.64
		2	Tomakomai Port	nd	0.64
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.64
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.64
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	0.64
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	0.64
		7	Mouth of Riv. Sumida (Minato Ward)	nd	0.64
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.64
		9	Yokohama Port	nd	0.64
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	0.64
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.64
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	0.64
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	0.64
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	0.98	0.64
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.64
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.64
		17	Osaka Port	nd	0.64
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.64
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	0.64
	Okayama Pref.	20	Offshore of Mizushima	nd	0.64
	Yamaguchi Pref.	21	Tokuyama Bay	nd	0.64
	Kitakyushu City	22	Dokai Bay	nd	0.64
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.64
[6-4] Chlorinated heptadecanes (The chlorinated number is 4 - 9.) Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 2/23 (Missing value : 0) Detection Frequency (sample) : 2/23 (Missing value : 0) Detection range : nd ~ 22 Detection limit range : ***3.9 Detection limit : ***3.9 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	***3.9
		2	Tomakomai Port	nd	***3.9
	Akita Pref.	3	Akita Canal (Akita City)	nd	***3.9
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	***3.9
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	***3.9
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	***3.9
		7	Mouth of Riv. Sumida (Minato Ward)	nd	***3.9
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	***3.9
		9	Yokohama Port	nd	***3.9
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	***3.9
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	***3.9
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	***3.9
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	***3.9
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	22	***3.9
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	***3.9
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	***3.9
		17	Osaka Port	nd	***3.9
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	***3.9
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	7.0	***3.9
	Okayama Pref.	20	Offshore of Mizushima	nd	***3.9
	Yamaguchi Pref.	21	Tokuyama Bay	nd	***3.9
	Kitakyushu City	22	Dokai Bay	nd	***3.9
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	***3.9

(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) \*\*\* Total value of detected limit value each number of chlorine atoms.

(Note 6) the sum value of the Detection limits of each number of chlorine atoms by assuming nd to be no value.

Target chemicals	Local communities	No	Monitored sites	measured value	Reported
				Sample 1	Detection limit
[6-4-1] Tetrachloroheptadecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 2/23 (Missing value : 0) Detection Frequency (sample) : 2/23 (Missing value : 0) Detection range : nd ~ 2.5 Detection limit range : 0.77 Detection limit : 0.77 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	0.77
		2	Tomakomai Port	nd	0.77
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.77
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.77
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	0.77
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	0.77
		7	Mouth of Riv. Sumida (Minato Ward)	nd	0.77
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.77
		9	Yokohama Port	nd	0.77
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	0.77
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.77
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	0.77
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	0.77
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	2.5	0.77
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.77
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.77
		17	Osaka Port	nd	0.77
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.77
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	1.7	0.77
	Okayama Pref.	20	Offshore of Mizushima	nd	0.77
	Yamaguchi Pref.	21	Tokuyama Bay	nd	0.77
	Kitakyushu City	22	Dokai Bay	nd	0.77
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.77
[6-4-2] Pentachloroheptadecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 2/23 (Missing value : 0) Detection Frequency (sample) : 2/23 (Missing value : 0) Detection range : nd ~ 3.9 Detection limit range : 0.72 Detection limit : 0.72 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	0.72
		2	Tomakomai Port	nd	0.72
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.72
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.72
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	0.72
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	0.72
		7	Mouth of Riv. Sumida (Minato Ward)	nd	0.72
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.72
		9	Yokohama Port	nd	0.72
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	0.72
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.72
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	0.72
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	0.72
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	3.9	0.72
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.72
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.72
		17	Osaka Port	nd	0.72
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.72
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	2.2	0.72
	Okayama Pref.	20	Offshore of Mizushima	nd	0.72
	Yamaguchi Pref.	21	Tokuyama Bay	nd	0.72
	Kitakyushu City	22	Dokai Bay	nd	0.72
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.72

(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
				Sample1	Detection limit
[6-4-3] Hexachloroheptadecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 3/23 (Missing value : 0) Detection Frequency (sample) : 3/23 (Missing value : 0) Detection range : nd ~ 6.6 Detection limit range : 0.82 Detection limit : 0.82 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	0.82
		2	Tomakomai Port	nd	0.82
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.82
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.82
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	0.87	0.82
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	0.82
		7	Mouth of Riv. Sumida (Minato Ward)	nd	0.82
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.82
		9	Yokohama Port	nd	0.82
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	0.82
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.82
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	0.82
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	0.82
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	6.6	0.82
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.82
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.82
		17	Osaka Port	nd	0.82
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.82
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	1.7	0.82
	Okayama Pref.	20	Offshore of Mizushima	nd	0.82
	Yamaguchi Pref.	21	Tokuyama Bay	nd	0.82
	Kitakyushu City	22	Dokai Bay	nd	0.82
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.82
[6-4-4] Heptachloroheptadecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 5/23 (Missing value : 0) Detection Frequency (sample) : 5/23 (Missing value : 0) Detection range : nd ~ 5.5 Detection limit range : 0.61 Detection limit : 0.61 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	0.61
		2	Tomakomai Port	nd	0.61
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.61
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.61
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	1.1	0.61
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	0.61
		7	Mouth of Riv. Sumida (Minato Ward)	nd	0.61
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.61
		9	Yokohama Port	nd	0.61
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	0.61
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.61
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	0.61
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	0.61
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	5.5	0.61
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.61
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	0.66	0.61
		17	Osaka Port	nd	0.61
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.61
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	0.94	0.61
	Okayama Pref.	20	Offshore of Mizushima	0.94	0.61
	Yamaguchi Pref.	21	Tokuyama Bay	nd	0.61
	Kitakyushu City	22	Dokai Bay	nd	0.61
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.61

(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
				Sample 1	Detection limit
[6-4-5] Octachloroheptadecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 1/23 (Missing value : 0) Detection Frequency (sample) : 1/23 (Missing value : 0) Detection range : nd ~ 3.0 Detection limit range : 0.62 Detection limit : 0.62 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	0.62
		2	Tomakomai Port	nd	0.62
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.62
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.62
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	0.62
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	0.62
		7	Mouth of Riv. Sumida (Minato Ward)	nd	0.62
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.62
		9	Yokohama Port	nd	0.62
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	0.62
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.62
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	0.62
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	0.62
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	3.0	0.62
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.62
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.62
		17	Osaka Port	nd	0.62
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.62
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	0.62
	Okayama Pref.	20	Offshore of Mizushima	nd	0.62
	Yamaguchi Pref.	21	Tokuyama Bay	nd	0.62
	Kitakyushu City	22	Dokai Bay	nd	0.62
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.62
[6-4-6] Nonachloroheptadecanes Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 1/23 (Missing value : 0) Detection Frequency (sample) : 1/23 (Missing value : 0) Detection range : nd ~ 0.76 Detection limit range : 0.35 Detection limit : 0.35 Requested Detection limit : 8.0	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	0.35
		2	Tomakomai Port	nd	0.35
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.35
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	0.35
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	0.35
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	0.35
		7	Mouth of Riv. Sumida (Minato Ward)	nd	0.35
	Yokohama City	8	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	0.35
		9	Yokohama Port	nd	0.35
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	0.35
		11	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.35
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	0.35
	Ishikawa Pref.	13	Mouth of Riv. Sai (Kanazawa City)	nd	0.35
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	0.76	0.35
	Osaka Pref.	15	Mouth of Riv. Yamato (Sakai City)	nd	0.35
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.35
		17	Osaka Port	nd	0.35
	Hyogo Pref.	18	Offshore of Takasago West Port	nd	0.35
	Wakayama Pref.	19	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	0.35
	Okayama Pref.	20	Offshore of Mizushima	nd	0.35
	Yamaguchi Pref.	21	Tokuyama Bay	nd	0.35
	Kitakyushu City	22	Dokai Bay	nd	0.35
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	0.35

(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
				Sample 1	Detection limit
[8] (1-Hydroxyethane-1,1-diyl)diphosphonic acid and its salts Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 0/24 (Missing value : 0) Detection Frequency (sample) : 0/24 (Missing value : 0) Detection range : nd Detection limit range : 3,300 Detection limit : 3,300 Requested Detection limit : 740	Hokkaido	1	Ishikarikakogyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	3,300
	Iwate Pref.	2	Riv. Toyosawa (Hanamaki City)	nd	3,300
	Akita Pref.	3	Akita Canal (Akita City)	nd	3,300
	Ibaraki Pref.	4	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	3,300
	Chiba Pref.	5	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	nd	3,300
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	nd	3,300
		7	Mouth of Riv. Sumida (Minato Ward)	nd	3,300
	Yokohama City	8	Yokohama Port	nd	3,300
	Niigata Pref.	9	Lower Riv. Shinano (Niigata City)	nd	3,300
	Nagano Pref.	10	Tategahana-bashi Bridge, Riv. Shinano (Nakano City)	nd	3,300
	Shizuoka Pref.	11	Shimizu Port	nd	3,300
		12	Lower Riv. Niino (Omaezaki City)	nd	3,300
	Aichi Pref.	13	Nagoya Port , West of Shiomi Wharf	nd	3,300
	Kyoto Pref.	14	Gokou-bashi Bridge, Riv. Kizu (Yawata City)	nd	3,300
	Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	3,300
		16	Osaka Port	nd	3,300
	Kobe City	17	Kobe Port (center)	nd	3,300
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	3,300
	Okayama Pref.	19	Offshore of Mizushima	nd	3,300
	Yamaguchi Pref.	20	Tokuyama Bay	nd	3,300
	Ehime Pref.	21	Sawadu Fishing Port	nd	3,300
	Kitakyushu City	22	Dokai Bay	nd	3,300
	Saga Pref.	23	Imari Bay	nd	3,300
	Oita Pref.	24	Mouth of Riv. Oita (Oita City)	nd	3,300
[9] 3-Phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (synonym: Permethrin) Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site) : 0/25 (Missing value : 1) Detection Frequency (sample) : 0/25 (Missing value : 1) Detection range : nd Detection limit range : 0.14 ~ 0.31 Detection limit : 0.31 Requested Detection limit : 0.32	Miyagi Pref.	1	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	nd	0.18
		2	Sakura-hodoukyou Bridge, Riv. Shiroishi (Shibata Town)	nd	0.18
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.18
	Ibaraki Pref.	4	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	0.18
	Tochigi Pref.	5	Tagawa Kyubun Area Head Works (Utsunomiya City)	nd	0.14
	Saitama Pref.	6	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	nd	0.18
	Saitama City	7	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	nd	0.18
	Chiba Pref.	8	Coast of Ichihara and Anegasaki	nd	0.18
	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	nd	0.18
	Yokohama City	10	Yokohama Port	nd	0.18
		11	Mouth of Riv. Tama (Kawasaki City)	nd	0.19
	Kawasaki City	12	Keihin Canal, Port of Kawasaki, The Coast of Chidori Town	nd	0.19
		13	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	0.19
	Niigata Pref.	14	Lower Riv. Shinano (Niigata City)	nd	0.31
	Ishikawa Pref.	15	Mouth of Riv. Sai (Kanazawa City)	nd	0.31
	Shizuoka Pref.	16	Riv. Tenryu (Iwata City)	nd	0.18
	Aichi Pref.	17	Nagoya Port , West of Shiomi Wharf	nd	0.31
	Nagoya City	18	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	0.18
		19	Nagoya Port , South of Shiomi Wharf	nd	0.18
	Kyoto Pref.	20	Gokou-bashi Bridge, Riv. Kizu (Yawata City)	---	---
	Osaka Pref.	21	Mouth of Riv. Yamato (Sakai City)	nd	0.18
	Osaka City	22	Osaka Port	nd	0.18
	Nara Pref.	23	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	0.18
	Yamaguchi Pref.	24	Tokuyama Bay	nd	0.31
		25	Offshore of Hagi	nd	0.31
	Fukuoka Pref.	26	Kabura-bashi Bridge, Riv Raizan (Itoshima City)	nd	0.18

(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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected

Target chemicals	Local communities	No	Monitored sites	measured value	Reported
				Sample 1	Detection limit
[10] n-Hexane	Hokkaido	1	Tomakomai Port	12	4.7
Detailed Environmental Survey/surface water (ng/L)	Akita Pref.	2	Akita Canal (Akita City)	nd	4.7
Detection Frequency (site) : 1/25 (Missing value : 1)	Chiba Pref.	3	Asai-bashi Bridge, Riv.Yourou (Ichihara City)	nd	4.7
Detection Frequency (sample) : 1/25 (Missing value : 1)		4	Coast of Ichihara and Anegasaki	nd	4.7
Detection range : nd ~ 12	Tokyo Met.	5	Mouth of Riv. Arakawa (Koto Ward)	nd	4.7
Detection limit range : 2.4 ~ 10		6	Mouth of Riv. Sumida (Minato Ward)	nd	4.7
Detection limit : 10	Yokohama City	7	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	nd	4.7
Requested Detection limit : 6,900		8	Yokohama Port	nd	4.7
	Niigata Pref.	9	Niigata Higashi Port	nd	2.4
		10	Lower Riv. Shinano (Niigata City)	nd	10
	Shizuoka Pref.	11	Shimizu Port	nd	4.7
		12	Lower Riv. Niino (Omaezaki City)	nd	4.7
		13	Riv. Tenryu (Iwata City)	nd	4.7
	Aichi Pref.	14	Nagoya Port , West of Shiomi Wharf	*8.4	4.7
	Mie Pref.	15	Yokkaichi Port	nd	4.7
		16	Toba Port	nd	4.7
	Shiga Pref.	17	Lake Biwa (center, offshore of Minamihira)	nd	4.6
		18	Lake Biwa (center, offshore of Karasaki)	nd	4.6
	Kyoto Pref.	19	Miyazu Port	nd	4.7
	Osaka City	20	Osaka Port	nd	4.7
	Hyogo Pref.	21	Offshore of Himeji	nd	4.7
		22	Aboshi Port	---	---
	Okayama Pref.	23	Offshore of Mizushima	nd	4.7
	Yamaguchi Pref.	24	Tokuyama Bay	nd	4.7
	Kagawa Pref.	25	Takamatsu Port	nd	4.7
	Saga Pref.	26	Imari Bay	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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected

(Note 5) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[1] Alkylbenzene sulfonates (The alkyl group is linear with 10 - 14 carbon atoms.) and its salts (synonym: LAS (The alkyl group has 10 - 14 carbon atoms.) and its salts)  Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 10/25 (Missing Detection Frequency (sample) : 23/75 (Missing Detection range : nd ~ 8,500 Detection limit range : 57 ~ 120 Detection limit : **120 Requested Detection limit : 56	Hokkaido	1	Ishikarikakoyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	240	*97	230	**90
	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd	nd	nd	**65
	Akita Pref.	3	Akita Canal (Akita City)	nd	nd	220	**92
	Ibaraki Pref.	4	Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	**71
	Gunma Pref.	5	Wada-bashi Bridge, Riv. Karasu (Takasaki City)	nd	nd	nd	**71
		6	Neighbourhood of Shimonita Station, Riv. Kabura (Shimonita Town)	nd	nd	nd	**71
	Saitama Pref.	7	Shiki-ohashi Bridge, Riv. Yanase (Shiki City)	nd	nd	nd	**57
		8	Kachi-hashhi Bridge, Riv. Ichino (Yoshimi Town)	nd	*88	nd	**57
	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	520	260	840	**93
		10	Mouth of Riv. Sumida (Minato Ward)	5,600	8,500	6,600	**93
	Yokohama City	11	Yokohama Port	nd	nd	nd	**120
	Kawasaki City	12	Mouth of Riv. Tama (Kawasaki City)	1,700	1,900	1,500	**83
	Niigata Pref.	13	Lower Riv. Shinano (Niigata City)	190	nd	nd	**63
	Ishikawa Pref.	14	Mouth of Riv. Sai (Kanazawa City)	nd	nd	nd	**75
	Nagoya City	15	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	3,800	3,200	3,000	**110
	Mie Pref.	16	Yokkaichi Port	nd	*110	nd	**99
	Shiga Pref.	17	Lake Biwa (center, offshore of Minamihira)	*110	*100	120	**98
		18	Lake Biwa (center, offshore of Karasaki)	nd	nd	nd	**100
	Osaka Pref.	19	Mouth of Riv. Yamato (Sakai City)	290	2,900	520	**92
	Osaka City	20	Osaka Port	440	300	280	**90
		21	Offshore of Himeji	140	nd	nd	**90
	Hyogo Pref.	22	Offshore of Takasago West Port	nd	nd	nd	**75
		23	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	nd	nd	**63
	Wakayama Pref.	24	Tokuyama Bay	nd	nd	nd	**93
	Fukuoka City	25	Hakata Bay	nd	nd	nd	**68
[1-1] Linear decylbenzene sulphonates and its salts  Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 9/25 (Missing Detection Frequency (sample) : 20/75 (Missing Detection range : nd ~ 62 Detection limit range : 4.6 ~ 8.9 Detection limit : 8.9 Requested Detection limit : 56	Hokkaido	1	Ishikarikakoyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	11	nd	nd	6.6
	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd	nd	nd	4.6
	Akita Pref.	3	Akita Canal (Akita City)	nd	nd	nd	6.8
	Ibaraki Pref.	4	Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	5.3
	Gunma Pref.	5	Wada-bashi Bridge, Riv. Karasu (Takasaki City)	nd	nd	nd	6.2
		6	Neighbourhood of Shimonita Station, Riv. Kabura (Shimonita Town)	nd	nd	nd	5.4
	Saitama Pref.	7	Shiki-ohashi Bridge, Riv. Yanase (Shiki City)	nd	nd	nd	4.8
		8	Kachi-hashhi Bridge, Riv. Ichino (Yoshimi Town)	nd	nd	nd	4.8
	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	16	9.7	18	6.8
		10	Mouth of Riv. Sumida (Minato Ward)	56	62	53	6.9
	Yokohama City	11	Yokohama Port	nd	nd	nd	8.9
	Kawasaki City	12	Mouth of Riv. Tama (Kawasaki City)	24	19	19	6.2
	Niigata Pref.	13	Lower Riv. Shinano (Niigata City)	nd	nd	nd	4.7
	Ishikawa Pref.	14	Mouth of Riv. Sai (Kanazawa City)	nd	nd	nd	4.8
	Nagoya City	15	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	43	48	44	7.9
	Mie Pref.	16	Yokkaichi Port	nd	13	nd	7.3
	Shiga Pref.	17	Lake Biwa (center, offshore of Minamihira)	*8.5	9.3	*7.7	7.3
		18	Lake Biwa (center, offshore of Karasaki)	nd	nd	nd	7.6
	Osaka Pref.	19	Mouth of Riv. Yamato (Sakai City)	9.0	44	9.4	6.8
	Osaka City	20	Osaka Port	9.4	*8.8	11	6.7
	Hyogo Pref.	21	Offshore of Himeji	nd	nd	nd	6.7
		22	Offshore of Takasago West Port	*7.7	nd	nd	5.5
	Wakayama Pref.	23	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	nd	nd	5.5
	Yamaguchi Pref.	24	Tokuyama Bay	nd	nd	nd	6.9
	Fukuoka City	25	Hakata Bay	nd	nd	nd	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) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

(Note 5) \*\* Total value of detected limit value each number of carbon atoms in alkyl chain.

(Note 6) the sum value of the Detection limits of each number of carbon atoms by assuming nd to be no value.

Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[1-2] Linear undecylbenzene sulphonates and its salts Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 8/25 (Missing Detection Frequency (sample) : 20/75 (Missing Detection range : nd ~ 1,000 Detection limit range : 18 ~ 38 Detection limit : 38 Requested Detection limit : 56	Hokkaido	1	Ishikarikakoyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	54	nd	*35	28
	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd	nd	nd	21
	Akita Pref.	3	Akita Canal (Akita City)	nd	nd	*30	29
	Ibaraki Pref.	4	Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	22
	Gunma Pref.	5	Wada-bashi Bridge, Riv. Karasu (Takasaki City)	nd	nd	nd	23
		6	Neighbourhood of Shimonita Station, Riv. Kabura (Shimonita Town)	nd	nd	nd	22
	Saitama Pref.	7	Shiki-ohashi Bridge, Riv. Yanase (Shiki City)	nd	nd	nd	18
		8	Kachi-hashii Bridge, Riv. Ichino (Yoshimi Town)	nd	nd	nd	18
	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	93	50	120	29
		10	Mouth of Riv. Sumida (Minato Ward)	570	1,000	920	29
	Yokohama City	11	Yokohama Port	nd	nd	nd	38
	Kawasaki City	12	Mouth of Riv. Tama (Kawasaki City)	240	230	220	26
	Niigata Pref.	13	Lower Riv. Shinano (Niigata City)	*27	nd	nd	20
	Ishikawa Pref.	14	Mouth of Riv. Sai (Kanazawa City)	nd	nd	nd	24
	Nagoya City	15	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	280	300	290	34
	Mie Pref.	16	Yokkaichi Port	nd	38	nd	31
	Shiga Pref.	17	Lake Biwa (center, offshore of Minamihira)	*31	*31	*36	31
		18	Lake Biwa (center, offshore of Karasaki)	nd	nd	nd	32
	Osaka Pref.	19	Mouth of Riv. Yamato (Sakai City)	69	470	72	29
	Osaka City	20	Osaka Port	63	53	59	28
	Hyogo Pref.	21	Offshore of Himeji	*36	nd	nd	28
		22	Offshore of Takasago West Port	*30	nd	nd	23
	Wakayama Pref.	23	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	nd	nd	19
	Yamaguchi Pref.	24	Tokuyama Bay	nd	nd	nd	29
	Fukuoka City	25	Hakata Bay	nd	nd	nd	21
[1-3] Linear dodecylbenzene sulphonates and its salts Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 11/25 (Missing Detection Frequency (sample) : 24/75 (Missing Detection range : nd ~ 2,600 Detection limit range : 19 ~ 40 Detection limit : 40 Requested Detection limit : 56	Hokkaido	1	Ishikarikakoyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	73	*31	68	30
	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd	nd	nd	22
	Akita Pref.	3	Akita Canal (Akita City)	nd	nd	55	31
	Ibaraki Pref.	4	Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	24
	Gunma Pref.	5	Wada-bashi Bridge, Riv. Karasu (Takasaki City)	nd	nd	nd	22
		6	Neighbourhood of Shimonita Station, Riv. Kabura (Shimonita Town)	nd	nd	nd	24
	Saitama Pref.	7	Shiki-ohashi Bridge, Riv. Yanase (Shiki City)	nd	nd	nd	19
		8	Kachi-hashii Bridge, Riv. Ichino (Yoshimi Town)	nd	*26	nd	19
	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	160	78	260	31
		10	Mouth of Riv. Sumida (Minato Ward)	1,700	2,600	2,100	31
	Yokohama City	11	Yokohama Port	nd	nd	nd	40
	Kawasaki City	12	Mouth of Riv. Tama (Kawasaki City)	470	570	440	28
	Niigata Pref.	13	Lower Riv. Shinano (Niigata City)	51	nd	nd	21
	Ishikawa Pref.	14	Mouth of Riv. Sai (Kanazawa City)	nd	nd	nd	26
	Nagoya City	15	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	800	770	720	36
	Mie Pref.	16	Yokkaichi Port	nd	*34	nd	33
	Shiga Pref.	17	Lake Biwa (center, offshore of Minamihira)	*36	nd	41	33
		18	Lake Biwa (center, offshore of Karasaki)	nd	nd	nd	34
	Osaka Pref.	19	Mouth of Riv. Yamato (Sakai City)	90	910	160	31
	Osaka City	20	Osaka Port	130	91	94	30
	Hyogo Pref.	21	Offshore of Himeji	47	nd	nd	30
		22	Offshore of Takasago West Port	nd	nd	nd	25
	Wakayama Pref.	23	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	nd	nd	21
	Yamaguchi Pref.	24	Tokuyama Bay	nd	nd	nd	31
	Fukuoka City	25	Hakata Bay	nd	nd	nd	23

(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 (less than unified detection limit)

(excluded value from the subject of aggregation)

Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[1-4] Linear tridecylbenzene sulphonates and its salts Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 13/25 (Missing Detection Frequency (sample) : 30/75 (Missing Detection range : nd ~ 4,700 Detection limit range : 15 ~ 32 Detection limit : 32 Requested Detection limit : 56	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	99	45	120	23
	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd	nd	nd	17
	Akita Pref.	3	Akita Canal (Akita City)	36	52	120	24
	Ibaraki Pref.	4	Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	19
	Gunma Pref.	5	Wada-bashi Bridge, Riv. Karasu (Takasaki City)	nd	nd	nd	18
		6	Neighbourhood of Shimonita Station, Riv. Kabura (Shimonita Town)	nd	nd	nd	19
	Saitama Pref.	7	Shiki-ohashi Bridge, Riv. Yanase (Shiki City)	nd	nd	nd	15
		8	Kachi-hashhi Bridge, Riv. Ichino (Yoshimi Town)	nd	38	nd	15
	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	220	110	400	24
		10	Mouth of Riv. Sumida (Minato Ward)	3,100	4,700	3,400	24
	Yokohama City	11	Yokohama Port	34	nd	33	32
	Kawasaki City	12	Mouth of Riv. Tama (Kawasaki City)	940	1,000	820	22
	Niigata Pref.	13	Lower Riv. Shinano (Niigata City)	100	nd	nd	16
	Ishikawa Pref.	14	Mouth of Riv. Sai (Kanazawa City)	nd	nd	nd	19
	Nagoya City	15	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	2,100	1,900	1,800	28
	Mie Pref.	16	Yokkaichi Port	nd	nd	nd	26
	Shiga Pref.	17	Lake Biwa (center, offshore of Minamihira)	*30	nd	33	26
		18	Lake Biwa (center, offshore of Karasaki)	nd	nd	nd	27
	Osaka Pref.	19	Mouth of Riv. Yamato (Sakai City)	120	1,400	270	24
	Osaka City	20	Osaka Port	190	130	110	24
		21	Offshore of Himeji	48	nd	nd	24
	Hyogo Pref.	22	Offshore of Takasago West Port	nd	nd	nd	20
		23	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	nd	nd	17
	Wakayama Pref.	24	Tokuyama Bay	nd	nd	nd	24
	Fukuoka City	25	Hakata Bay	nd	nd	nd	18
[1-5] Linear tetradecylbenzene sulphonates and its salts Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 16/25 (Missing Detection Frequency (sample) : 40/75 (Missing Detection range : nd ~ 620 Detection limit range : 0.57 ~ 2.4 Detection limit : 2.0 Requested Detection limit : 56	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	7.0	4.9	6.1	1.8
	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd	nd	nd	0.57
	Akita Pref.	3	Akita Canal (Akita City)	2.9	5.8	14	1.8
	Ibaraki Pref.	4	Tonekamome-ohashi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	1.4
	Gunma Pref.	5	Wada-bashi Bridge, Riv. Karasu (Takasaki City)	nd	nd	nd	0.63
		6	Neighbourhood of Shimonita Station, Riv. Kabura (Shimonita Town)	2.8	2.8	2.9	1.4
	Saitama Pref.	7	Shiki-ohashi Bridge, Riv. Yanase (Shiki City)	*1.3	*0.96	nd	0.60
		8	Kachi-hashhi Bridge, Riv. Ichino (Yoshimi Town)	*1.1	*1.8	*1.2	0.62
	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	30	9.5	29	1.9
		10	Mouth of Riv. Sumida (Minato Ward)	220	200	170	1.9
	Yokohama City	11	Yokohama Port	6.3	4.3	4.7	2.4
	Kawasaki City	12	Mouth of Riv. Tama (Kawasaki City)	37	31	33	1.6
	Niigata Pref.	13	Lower Riv. Shinano (Niigata City)	2.6	nd	nd	1.2
	Ishikawa Pref.	14	Mouth of Riv. Sai (Kanazawa City)	2.2	*1.7	nd	0.84
	Nagoya City	15	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	620	160	150	2.1
	Mie Pref.	16	Yokkaichi Port	nd	nd	7.9	2.0
	Shiga Pref.	17	Lake Biwa (center, offshore of Minamihira)	4.0	4.3	4.5	1.9
		18	Lake Biwa (center, offshore of Karasaki)	nd	nd	nd	2.0
	Osaka Pref.	19	Mouth of Riv. Yamato (Sakai City)	4.1	34	17	1.8
	Osaka City	20	Osaka Port	50	13	9.8	1.8
		21	Offshore of Himeji	3.7	3.4	3.5	1.8
	Hyogo Pref.	22	Offshore of Takasago West Port	2.8	*1.9	nd	1.5
		23	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	nd	*1.7	0.7
	Wakayama Pref.	24	Tokuyama Bay	nd	nd	nd	1.8
	Fukuoka City	25	Hakata Bay	nd	nd	nd	1.3

(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 (less than unified detection limit)

(excluded value from the subject of aggregation)

Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[2] 2-(4-Ethoxyphenyl)-2-methylpropyl 3-phenoxybenzyl ether (synonym: Etופןprox)  Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 14/16 (Missing Detection Frequency (sample) : 35/43 (Missing Detection range : nd ~ 19 Detection limit range : 0.048 ~ 0.21 Detection limit : 0.14 Requested Detection limit : 7.5	Akita Pref.	1	Akita Canal (Akita City)	2.3	3.9	5.5	0.13
	Yamagata Pref.	2	Mouth of Riv. Mogami (Sakata City)	1.1	3.2	1.1	0.061
	Ibaraki Pref.	3	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	0.14	nd	---	0.098
	Chiba Pref.	4	Coast of Ichihara and Anegasaki	2.7	2.2	2.4	0.21
	Tokyo Met.	5	Mouth of Riv. Arakawa (Koto Ward)	1.8	1.2	4.0	0.13
		6	Mouth of Riv. Sumida (Minato Ward)	16	13	12	0.13
	Niigata Pref.	7	Lower Riv. Shinano (Niigata City)	7.7	---	---	0.084
	Ishikawa Pref.	8	Mouth of Riv. Sai (Kanazawa City)	2.0	2.1	---	0.059
	Shizuoka Pref.	9	Riv. Tenryu (Iwata City)	---	---	---	---
	Aichi Pref.	10	Nagoya Port , West of Shiomi Wharf	0.45	0.58	0.74	0.11
	Kyoto City	11	Miyamae-bashi Bridge,Riv. Katsura (Kyoto City)	---	---	---	---
	Osaka Pref.	12	Mouth of Riv. Yamato (Sakai City)	3.0	---	10	0.12
	Osaka City	13	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	19	5.1	2.9	0.13
		14	Osaka Port	9.8	9.2	7.6	0.13
	Wakayama Pref.	15	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	0.17	0.35	0.048
	Yamaguchi Pref.	16	Tokuyama Bay	nd	nd	nd	0.14
		17	Offshore of Hagi	nd	nd	nd	0.056
	Kitakyushu City	18	Dokai Bay	0.40	0.84	0.72	0.13
[6] Medium-chain chlorinated paraffins (The alkyl chain has 10 - 14 carbon atoms, and the chlorinated number is 4 - 9.)  Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 18/23 (Missing Detection Frequency (sample) : 47/67 (Missing Detection range : nd ~ 6,000 Detection limit range : **15 ~ **37 Detection limit : **27 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	**23
		2	Tomakomai Port	60	63	200	**23
	Akita Pref.	3	Akita Canal (Akita City)	50	57	120	**23
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	**18
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	**21
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	190	180	230	**23
		7	Mouth of Riv. Sumida (Minato Ward)	570	450	360	**29
	Yokohama City	8	Yokohama Port	300	250	350	**36
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	51	270	180	**22
		10	Keihin Canal, Port of Kawasaki,The Coast of Ougi Town	650	310	230	**37
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	78	nd	nd	**20
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	40	40	nd	**16
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	6,000	3,900	2,500	**25
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	160	830	200	**24
	Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	580	440	240	**24
		16	Osaka Port	280	700	260	**32
	Hyogo Pref.	17	Offshore of Takasago West Port	40	40	nd	**27
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	140	*17	nd	**15
	Okayama Pref.	19	Offshore of Mizushima	29	34	nd	**19
	Yamaguchi Pref.	20	Tokuyama Bay	67	58	61	**29
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	**15
	Kitakyushu City	22	Dokai Bay	110	260	390	**25
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	**15

(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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected

(Note 5) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

(Note 6) \*\* Total value of detected limit value each number of carbon atoms in alkyl chain.

(Note 7) the sum value of the Detection limits of each target chemicals(C=14-16, Cl=4-9) by assuming nd to be no value.

(Note 8) \*\*\*: 1 sample was measured in Sakaide Port.

Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[6-1] Chlorinated tetradecanes (The chlorinated number is 4 - 9.) Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 19/23 (Missing Detection Frequency (sample) : 49/67 (Missing Detection range : nd ~ 3,100 Detection limit range : **4.6 ~ **12 Detection limit : **7.5 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	9.6	nd	nd	**7.5
		2	Tomakomai Port	25	25	71	**7.2
	Akita Pref.	3	Akita Canal (Akita City)	21	23	48	**7.4
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	**5.8
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	**6.7
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	80	76	90	**7.2
		7	Mouth of Riv. Sumida (Minato Ward)	240	190	150	**9.4
	Yokohama City	8	Yokohama Port	110	94	130	**12
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	21	120	75	**6.9
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	270	130	84	**12
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	27	nd	nd	**6.4
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	19	17	nd	**5.2
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	3,100	1,400	940	**8.1
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	56	260	58	**7.6
	Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	200	190	97	**7.6
		16	Osaka Port	110	290	92	**10
	Hyogo Pref.	17	Offshore of Takasago West Port	17	17	10	**8.8
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	44	*7.0	nd	**4.6
	Okayama Pref.	19	Offshore of Mizushima	14	11	*7.5	**5.9
	Yamaguchi Pref.	20	Tokuyama Bay	26	24	25	**9.3
	Kagawa Pref.	21	Sakaide Port ***	*5.2	---	---	**4.8
	Kitakyushu City	22	Dokai Bay	44	110	170	**8.0
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	**4.7
[6-1] Chlorinated tetradecanes (The chlorinated number is 5 - 8.) Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 19/23 (Missing Detection Frequency (sample) : 52/67 (Missing Detection range : nd ~ 3,000 Detection limit range : **3.5 ~ **9.0 Detection limit : **5.7 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	9.7	nd	6.9	**5.7
		2	Tomakomai Port	23	24	68	**5.5
	Akita Pref.	3	Akita Canal (Akita City)	20	22	45	**5.6
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	*4.5	nd	nd	**4.4
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	**5.3
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	74	70	83	**5.5
		7	Mouth of Riv. Sumida (Minato Ward)	230	180	140	**7.1
	Yokohama City	8	Yokohama Port	110	88	120	**8.6
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	19	110	71	**5.2
	Niigata Pref.	10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	260	120	78	**9.0
		11	Lower Riv. Shinano (Niigata City)	25	nd	nd	**4.9
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	18	16	*4.6	**3.9
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	3,000	1,300	900	**6.1
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	53	240	54	**5.8
	Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	200	180	92	**5.8
		16	Osaka Port	100	280	88	**7.6
	Hyogo Pref.	17	Offshore of Takasago West Port	16	16	9.5	**6.7
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	42	7.0	nd	**3.5
	Okayama Pref.	19	Offshore of Mizushima	14	11	7.5	**4.5
	Yamaguchi Pref.	20	Tokuyama Bay	24	23	24	**7.0
	Kagawa Pref.	21	Sakaide Port ***	*5.2	---	---	**3.7
	Kitakyushu City	22	Dokai Bay	41	100	160	**6.1
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	**3.5

(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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected

(Note 5) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

(Note 6) \*\* Total value of detected limit value each number of chlorine atoms.

(Note 7) Total value of detected limit value each number of chlorine atoms.

(Note 8) \*\*\*: 1 sample was measured in Sakaide Port.



Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[6-1-1] Tetrachlorotetradecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 12/23 (Missing Detection Frequency (sample) : 27/67 (Missing Detection range : nd ~ 42 Detection limit range : 0.55 ~ 1.4 Detection limit : 1.1 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	0.89
		2	Tomakomai Port	nd	nd	1.2	0.86
	Akita Pref.	3	Akita Canal (Akita City)	nd	nd	nd	0.88
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	0.69
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.80
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	1.4	1.2	1.4	0.86
		7	Mouth of Riv. Sumida (Minato Ward)	3.9	2.7	2.5	1.1
	Yokohama City	8	Yokohama Port	1.8	1.8	2.4	1.4
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	nd	1.5	*0.96	0.82
		10	Keihin Canal, Port of Kawasaki,The Coast of Ougi Town	5.7	2.2	1.9	1.4
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	nd	nd	nd	0.76
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	nd	nd	nd	0.62
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	35	42	14	0.97
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	nd	3.0	nd	0.90
	Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	2.8	3.0	1.1	0.91
		16	Osaka Port	1.3	4.2	1.6	1.2
	Hyogo Pref.	17	Offshore of Takasago West Port	nd	nd	nd	1.0
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	1.7	nd	nd	0.55
	Okayama Pref.	19	Offshore of Mizushima	nd	nd	nd	0.71
	Yamaguchi Pref.	20	Tokuyama Bay	nd	nd	nd	1.1
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	0.58
	Kitakyushu City	22	Dokai Bay	*1.0	2.1	2.9	0.96
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.56
[6-1-2] Pentachlorotetradecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 20/23 (Missing Detection Frequency (sample) : 52/67 (Missing Detection range : nd ~ 560 Detection limit range : 1.1 ~ 2.8 Detection limit : 1.8 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	1.9	nd	1.8	1.8
		2	Tomakomai Port	6.0	4.5	12	1.7
	Akita Pref.	3	Akita Canal (Akita City)	3.3	3.7	7.3	1.8
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	*1.7	*1.6	*1.5	1.4
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	1.6
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	13	10	13	1.7
		7	Mouth of Riv. Sumida (Minato Ward)	33	26	19	2.2
	Yokohama City	8	Yokohama Port	18	15	23	2.7
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	3.3	16	11	1.6
		10	Keihin Canal, Port of Kawasaki,The Coast of Ougi Town	58	17	15	2.8
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	4.6	nd	nd	1.5
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	3.9	3.5	2.0	1.2
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	560	340	160	1.9
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	10	36	7.7	1.8
	Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	31	29	11	1.8
		16	Osaka Port	18	53	17	2.4
	Hyogo Pref.	17	Offshore of Takasago West Port	4.0	3.1	2.6	2.1
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	13	*1.7	*1.2	1.1
	Okayama Pref.	19	Offshore of Mizushima	3.4	2.1	*1.5	1.4
	Yamaguchi Pref.	20	Tokuyama Bay	4.7	4.4	5.1	2.2
	Kagawa Pref.	21	Sakaide Port ***	2.4	---	---	1.2
	Kitakyushu City	22	Dokai Bay	9.8	19	28	1.9
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	1.1

(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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected

(Note 5) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

(Note 6) \*\*\*: 1 sample was measured in Sakaide Port.

Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[6-1-3] Hexachlorotetradecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 19/23 (Missing Detection Frequency (sample) : 52/67 (Missing Detection range : nd ~ 1200 Detection limit range : 1.2 ~ 3.1 Detection limit : 2.0 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	3.5	nd	3.0	2.0
		2	Tomakomai Port	8.9	10	27	1.9
	Akita Pref.	3	Akita Canal (Akita City)	7.5	7.4	17	1.9
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	*1.6	nd	nd	1.5
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	1.8
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	28	27	31	1.9
		7	Mouth of Riv. Sumida (Minato Ward)	91	69	52	2.5
	Yokohama City	8	Yokohama Port	40	33	45	3.0
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	6.4	38	25	1.8
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	110	41	30	3.1
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	7.9	nd	nd	1.7
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	6.2	5.4	*1.8	1.4
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	1200	540	380	2.1
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	20	86	18	2.0
	Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	79	69	31	2.0
		16	Osaka Port	38	110	34	2.6
	Hyogo Pref.	17	Offshore of Takasago West Port	5.9	5.2	3.5	2.3
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	17	2.6	nd	1.2
	Okayama Pref.	19	Offshore of Mizushima	6.0	4.3	2.7	1.6
	Yamaguchi Pref.	20	Tokuyama Bay	9.1	8.6	9.4	2.4
	Kagawa Pref.	21	Sakaide Port ***	*1.9	---	---	1.3
	Kitakyushu City	22	Dokai Bay	16	39	61	2.1
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	1.2
[6-1-4] Heptachlorotetradecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 20/23 (Missing Detection Frequency (sample) : 54/67 (Missing Detection range : nd ~ 920 Detection limit range : 0.61 ~ 1.6 Detection limit : 0.99 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	3.1	nd	2.1	0.99
		2	Tomakomai Port	6.2	7.1	21	0.95
	Akita Pref.	3	Akita Canal (Akita City)	6.3	7.3	15	0.98
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	1.2	0.99	nd	0.76
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.89
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	23	23	27	0.95
		7	Mouth of Riv. Sumida (Minato Ward)	72	61	47	1.2
	Yokohama City	8	Yokohama Port	35	29	36	1.5
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	6.2	39	24	0.91
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	68	42	23	1.6
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	7.8	nd	nd	0.85
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	5.4	4.8	*0.84	0.69
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	920	340	270	1.1
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	16	80	19	1.0
	Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	62	58	33	1.0
		16	Osaka Port	31	85	26	1.3
	Hyogo Pref.	17	Offshore of Takasago West Port	4.3	5.1	2.4	1.2
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	9.3	2.0	*0.87	0.61
	Okayama Pref.	19	Offshore of Mizushima	3.7	3.5	2.4	0.79
	Yamaguchi Pref.	20	Tokuyama Bay	7.6	6.9	7.1	1.2
	Kagawa Pref.	21	Sakaide Port ***	*0.86	---	---	0.64
	Kitakyushu City	22	Dokai Bay	12	33	51	1.1
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	*0.62	0.62

(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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected

(Note 5) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

(Note 6) \*\*\*: 1 sample was measured in Sakaide Port.

Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[6-1-5] Octachlorotetradecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 19/23 (Missing Detection Frequency (sample) : 49/67 (Missing Detection range : nd ~ 270 Detection limit range : 0.58 ~ 1.5 Detection limit : 0.93 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	1.2	nd	nd	0.93
		2	Tomakomai Port	2.3	2.3	7.9	0.90
	Akita Pref.	3	Akita Canal (Akita City)	2.5	3.1	6.1	0.92
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	0.72
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.84
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	9.9	10	12	0.90
		7	Mouth of Riv. Sumida (Minato Ward)	29	25	20	1.2
	Yokohama City	8	Yokohama Port	13	11	14	1.4
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	2.8	18	11	0.86
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	22	20	10	1.5
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	4.5	nd	nd	0.80
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	2.5	2.0	nd	0.65
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	270	100	87	1.0
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	6.5	38	9.4	0.95
		Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	23	21	17
	16		Osaka Port	13	28	11	1.3
	Hyogo Pref.	17	Offshore of Takasago West Port	1.8	2.7	1.0	1.1
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	2.7	*0.73	nd	0.58
	Okayama Pref.	19	Offshore of Mizushima	0.96	1.1	*0.89	0.74
	Yamaguchi Pref.	20	Tokuyama Bay	3.0	2.7	2.6	1.2
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	0.60
	Kitakyushu City	22	Dokai Bay	3.6	11	19	1.0
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.59
[6-1-6] Nonachlorotetradecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 13/23 (Missing Detection Frequency (sample) : 33/67 (Missing Detection range : nd ~ 52 Detection limit range : 0.58 ~ 1.5 Detection limit : 1.2 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	0.93
		2	Tomakomai Port	nd	nd	2.7	0.89
	Akita Pref.	3	Akita Canal (Akita City)	nd	*1.0	1.9	0.92
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	0.72
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.83
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	4.5	4.1	5.0	0.89
		7	Mouth of Riv. Sumida (Minato Ward)	9.5	9.0	6.9	1.2
	Yokohama City	8	Yokohama Port	5.0	4.3	4.8	1.4
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	1.5	5.6	3.7	0.86
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	7.0	6.9	3.9	1.5
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	2.1	nd	nd	0.79
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	*0.94	*0.78	nd	0.64
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	52	26	23	1.0
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	2.5	16	3.5	0.94
		Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	7.1	5.9	4.0
	16		Osaka Port	4.2	7.5	3.4	1.3
	Hyogo Pref.	17	Offshore of Takasago West Port	nd	nd	nd	1.1
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	*0.61	nd	nd	0.58
	Okayama Pref.	19	Offshore of Mizushima	nd	nd	nd	0.74
	Yamaguchi Pref.	20	Tokuyama Bay	nd	nd	nd	1.2
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	0.60
	Kitakyushu City	22	Dokai Bay	1.2	3.9	5.4	1.0
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.59

(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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected

(Note 5) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

(Note 6) \*\*\*: 1 sample was measured in Sakaide Port.

Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[6-2] Chlorinated pentadecanes (The chlorinated number is 4 - 9.) Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 19/23 (Missing Detection Frequency (sample) : 51/67 (Missing Detection range : nd ~ 1,800 Detection limit range : **2.9 ~ **7.4 Detection limit : **4.7 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	6.4	nd	nd	**4.7
		2	Tomakomai Port	19	23	57	**4.5
	Akita Pref.	3	Akita Canal (Akita City)	17	18	38	**4.6
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	**3.6
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	**4.2
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	56	54	79	**4.5
		7	Mouth of Riv. Sumida (Minato Ward)	190	150	120	**5.9
	Yokohama City	8	Yokohama Port	100	78	110	**7.2
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	15	84	55	**4.3
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	190	97	74	**7.4
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	24	nd	nd	**4.0
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	12	9.3	nd	**3.3
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	1,800	1,300	840	**5.1
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	45	220	67	**4.8
		Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	170	140	85
	16		Osaka Port	84	210	80	**6.3
	Hyogo Pref.	17	Offshore of Takasago West Port	13	12	6.9	**5.5
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	43	5.0	nd	**2.9
	Okayama Pref.	19	Offshore of Mizushima	8.3	15	5.9	**3.7
	Yamaguchi Pref.	20	Tokuyama Bay	22	20	21	**5.9
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	**3.0
	Kitakyushu City	22	Dokai Bay	34	83	120	**5.0
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	**3.0
[6-2-1] Tetrachloropentadecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 12/23 (Missing Detection Frequency (sample) : 30/67 (Missing Detection range : nd ~ 46 Detection limit range : 0.45 ~ 1.1 Detection limit : 0.90 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	0.72
		2	Tomakomai Port	nd	nd	1.0	0.70
	Akita Pref.	3	Akita Canal (Akita City)	nd	nd	*0.77	0.71
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	0.56
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.65
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	1.2	1.5	1.6	0.70
		7	Mouth of Riv. Sumida (Minato Ward)	3.4	2.7	2.6	0.91
	Yokohama City	8	Yokohama Port	1.7	1.9	1.9	1.1
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	nd	1.6	1.1	0.67
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	3.9	1.7	1.6	1.1
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	nd	nd	nd	0.62
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	nd	nd	nd	0.50
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	30	46	12	0.79
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	1.0	3.5	0.90	0.73
		Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	3.0	3.1	1.3
	16		Osaka Port	1.6	3.7	1.7	0.97
	Hyogo Pref.	17	Offshore of Takasago West Port	nd	nd	nd	0.85
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	1.6	nd	nd	0.45
	Okayama Pref.	19	Offshore of Mizushima	nd	nd	nd	0.57
	Yamaguchi Pref.	20	Tokuyama Bay	nd	nd	nd	0.90
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	0.47
	Kitakyushu City	22	Dokai Bay	nd	1.7	2.2	0.78
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.46

(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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected

(Note 5) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

(Note 6) \*\* Total value of detected limit value each number of chlorine atoms.

(Note 7) Total value of detected limit value each number of chlorine atoms.

(Note 8) \*\*\*: 1 sample was measured in Sakaide Port.

Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[6-2-2] Pentachloropentadecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 19/23 (Missing Detection Frequency (sample) : 52/67 (Missing Detection range : nd ~ 310 Detection limit range : 0.51 ~ 1.3 Detection limit : 0.82 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	0.95	nd	0.87	0.82
		2	Tomakomai Port	3.0	3.4	7.6	0.79
	Akita Pref.	3	Akita Canal (Akita City)	2.0	2.0	4.6	0.81
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	0.63
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.73
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	6.9	6.3	10	0.79
		7	Mouth of Riv. Sumida (Minato Ward)	23	17	13	1.0
	Yokohama City	8	Yokohama Port	14	12	15	1.3
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	2.1	10	7.3	0.75
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	36	12	12	1.3
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	2.7	nd	nd	0.70
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	1.8	1.7	*0.59	0.57
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	290	310	120	0.89
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	7.7	29	6.5	0.83
		Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	22	22	9.8
	16		Osaka Port	11	30	11	1.1
	Hyogo Pref.	17	Offshore of Takasago West Port	1.9	1.4	1.1	0.96
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	12	0.85	nd	0.51
	Okayama Pref.	19	Offshore of Mizushima	1.8	2.1	0.88	0.65
	Yamaguchi Pref.	20	Tokuyama Bay	3.3	3.4	3.5	1.0
	Kagawa Pref.	21	Sakaide Port ***	*0.72	---	---	0.53
	Kitakyushu City	22	Dokai Bay	6.4	12	17	0.88
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.51
[6-2-3] Hexachloropentadecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 20/23 (Missing Detection Frequency (sample) : 52/67 (Missing Detection range : nd ~ 650 Detection limit range : 0.52 ~ 1.3 Detection limit : 0.84 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	2.0	nd	1.8	0.84
		2	Tomakomai Port	6.7	8.0	19	0.81
	Akita Pref.	3	Akita Canal (Akita City)	5.4	5.2	11	0.83
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	*0.79	*0.78	nd	0.65
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.76
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	17	16	25	0.81
		7	Mouth of Riv. Sumida (Minato Ward)	62	47	36	1.1
	Yokohama City	8	Yokohama Port	34	25	34	1.3
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	4.5	25	17	0.78
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	69	29	25	1.3
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	6.5	nd	nd	0.72
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	3.5	2.6	*0.63	0.58
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	650	490	320	0.91
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	15	70	20	0.85
		Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	56	48	25
	16		Osaka Port	27	72	26	1.1
	Hyogo Pref.	17	Offshore of Takasago West Port	3.9	3.4	2.4	0.99
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	16	1.8	*0.65	0.52
	Okayama Pref.	19	Offshore of Mizushima	3.5	5.5	1.9	0.67
	Yamaguchi Pref.	20	Tokuyama Bay	7.8	6.6	7.7	1.1
	Kagawa Pref.	21	Sakaide Port ***	*0.66	---	---	0.55
	Kitakyushu City	22	Dokai Bay	12	28	40	0.90
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.53

(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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected

(Note 5) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

(Note 6) \*\*\*: 1 sample was measured in Sakaide Port.

Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[6-2-4] Heptachloropentadecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 20/23 (Missing Detection Frequency (sample) : 52/67 (Missing Detection range : nd ~ 560 Detection limit range : 0.64 ~ 1.6 Detection limit : 1.0 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	2.4	nd	1.4	1.0
		2	Tomakomai Port	5.7	7.5	18	0.99
	Akita Pref.	3	Akita Canal (Akita City)	5.8	6.2	13	1.0
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	*0.93	*0.94	nd	0.79
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.92
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	18	17	25	0.99
		7	Mouth of Riv. Sumida (Minato Ward)	59	47	38	1.3
	Yokohama City	8	Yokohama Port	32	24	35	1.6
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	4.9	26	17	0.95
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	51	31	22	1.6
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	7.6	nd	nd	0.88
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	3.8	2.8	nd	0.71
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	560	340	260	1.1
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	13	68	24	1.0
	Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	52	45	28	1.0
		16	Osaka Port	27	67	26	1.4
	Hyogo Pref.	17	Offshore of Takasago West Port	4.2	4.0	2.1	1.2
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	9.3	1.5	*0.66	0.64
	Okayama Pref.	19	Offshore of Mizushima	2.3	5.4	2.0	0.81
	Yamaguchi Pref.	20	Tokuyama Bay	7.1	6.2	6.8	1.3
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	0.66
	Kitakyushu City	22	Dokai Bay	10	26	39	1.1
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.65
[6-2-5] Octachloropentadecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 19/23 (Missing Detection Frequency (sample) : 49/67 (Missing Detection range : nd ~ 210 Detection limit range : 0.46 ~ 1.2 Detection limit : 0.74 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	1.0	nd	nd	0.74
		2	Tomakomai Port	2.4	3.1	8.8	0.71
	Akita Pref.	3	Akita Canal (Akita City)	2.9	3.1	6.2	0.73
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	0.57
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.67
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	9.1	9.2	12	0.71
		7	Mouth of Riv. Sumida (Minato Ward)	29	24	19	0.93
	Yokohama City	8	Yokohama Port	14	12	15	1.1
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	2.7	16	9.3	0.68
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	20	17	9.8	1.2
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	4.7	nd	nd	0.63
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	2.0	1.6	nd	0.51
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	210	110	110	0.80
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	6.2	34	12	0.75
	Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	24	20	15	0.75
		16	Osaka Port	12	28	12	1.0
	Hyogo Pref.	17	Offshore of Takasago West Port	1.9	2.4	0.98	0.87
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	3.3	*0.60	nd	0.46
	Okayama Pref.	19	Offshore of Mizushima	*0.72	1.9	1.1	0.59
	Yamaguchi Pref.	20	Tokuyama Bay	3.3	2.7	2.9	0.93
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	0.48
	Kitakyushu City	22	Dokai Bay	3.4	11	17	0.80
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.47

(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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected

(Note 5) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

(Note 6) \*\*\*: 1 sample was measured in Sakaide Port.

Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[6-2-6] Nonachloropentadecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 16/23 (Missing Detection Frequency (sample) : 40/67 (Missing Detection range : nd ~ 51 Detection limit range : 0.34 ~ 0.86 Detection limit : 0.68 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	0.54
		2	Tomakomai Port	0.90	0.90	2.8	0.52
	Akita Pref.	3	Akita Canal (Akita City)	0.99	1.3	2.1	0.54
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	0.42
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.49
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	4.0	3.9	4.9	0.52
		7	Mouth of Riv. Sumida (Minato Ward)	12	9.5	8.1	0.68
	Yokohama City	8	Yokohama Port	4.3	3.5	5.2	0.84
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	1.1	5.8	3.3	0.50
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	5.9	6.8	3.0	0.86
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	2.4	nd	nd	0.47
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	*0.60	*0.53	nd	0.38
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	51	33	28	0.59
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	2.5	17	4.5	0.55
		Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	7.5	6.2	5.2
	16		Osaka Port	4.8	7.7	3.3	0.73
	Hyogo Pref.	17	Offshore of Takasago West Port	nd	0.86	nd	0.64
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	0.73	nd	nd	0.34
	Okayama Pref.	19	Offshore of Mizushima	nd	nd	nd	0.43
	Yamaguchi Pref.	20	Tokuyama Bay	0.90	nd	nd	0.68
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	0.35
	Kitakyushu City	22	Dokai Bay	0.78	3.2	4.8	0.58
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.34
[6-3] Chlorinated hexadecanes (The chlorinated number is 4 - 9.) Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 15/23 (Missing Detection Frequency (sample) : 40/67 (Missing Detection range : nd ~ 750 Detection limit range : **4.1 ~ **10 Detection limit : **7.8 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	**6.6
		2	Tomakomai Port	11	10	41	**6.4
	Akita Pref.	3	Akita Canal (Akita City)	*7.4	10	20	**6.6
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	**5.1
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	**6.0
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	31	29	39	**6.4
		7	Mouth of Riv. Sumida (Minato Ward)	88	69	59	**8.3
	Yokohama City	8	Yokohama Port	57	45	66	**10
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	9.0	44	30	**6.1
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	120	53	44	**10
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	16	nd	nd	**5.7
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	*6.7	*6.7	nd	**4.6
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	750	720	420	**7.2
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	37	210	43	**6.7
		Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	130	70	34
	16		Osaka Port	51	120	51	**8.9
	Hyogo Pref.	17	Offshore of Takasago West Port	nd	nd	nd	**7.8
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	31	nd	nd	**4.1
	Okayama Pref.	19	Offshore of Mizushima	nd	nd	nd	**5.3
	Yamaguchi Pref.	20	Tokuyama Bay	13	11	9.9	**8.3
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	**4.3
	Kitakyushu City	22	Dokai Bay	19	46	63	**7.1
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	**4.2

(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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected

(Note 5) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

(Note 6) \*\* Total value of detected limit value each number of chlorine atoms.

(Note 7) Total value of detected limit value each number of chlorine atoms.

(Note 8) \*\*\*: 1 sample was measured in Sakaide Port.

Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[6-3-1] Tetrachlorohexadecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 16/23 (Missing Detection Frequency (sample) : 42/67 (Missing Detection range : nd ~ 170 Detection limit range : 0.70 ~ 1.8 Detection limit : 1.3 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	1.1
		2	Tomakomai Port	1.6	1.6	3.9	1.1
	Akita Pref.	3	Akita Canal (Akita City)	1.3	1.3	2.8	1.1
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	0.87
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	1.0
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	4.2	4.2	4.8	1.1
		7	Mouth of Riv. Sumida (Minato Ward)	12	9.6	7.9	1.4
	Yokohama City	8	Yokohama Port	6.4	5.8	7.6	1.7
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	*1.2	6.8	4.2	1.0
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	15	7.2	5.2	1.8
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	1.7	nd	nd	0.97
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	1.4	1.5	*0.94	0.78
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	170	90	53	1.2
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	3.2	15	3.3	1.1
		Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	12	9.9	5.3
	16		Osaka Port	6.1	16	5.2	1.5
	Hyogo Pref.	17	Offshore of Takasago West Port	nd	nd	nd	1.3
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	3.5	nd	nd	0.70
	Okayama Pref.	19	Offshore of Mizushima	nd	nd	nd	0.89
	Yamaguchi Pref.	20	Tokuyama Bay	1.9	1.6	1.7	1.4
	Kagawa Pref.	21	Sakaide Port ***	*1.0	---	---	0.73
	Kitakyushu City	22	Dokai Bay	3.0	6.3	9.7	1.2
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.71
[6-3-2] Pentachlorohexadecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 15/23 (Missing Detection Frequency (sample) : 35/67 (Missing Detection range : nd ~ 170 Detection limit range : 0.98 ~ 2.5 Detection limit : 2.0 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	1.6
		2	Tomakomai Port	*1.9	2.0	6.7	1.5
	Akita Pref.	3	Akita Canal (Akita City)	nd	*1.9	3.7	1.6
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	1.2
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	1.4
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	5.2	5.2	7.3	1.5
		7	Mouth of Riv. Sumida (Minato Ward)	17	13	11	2.0
	Yokohama City	8	Yokohama Port	10	8.1	11	2.4
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	nd	8.5	5.6	1.5
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	25	9.7	8.8	2.5
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	2.7	nd	nd	1.4
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	*1.2	*1.7	nd	1.1
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	170	160	69	1.7
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	6.0	28	5.4	1.6
		Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	20	13	6.8
	16		Osaka Port	8.8	21	7.9	2.1
	Hyogo Pref.	17	Offshore of Takasago West Port	nd	nd	nd	1.9
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	8.8	nd	nd	0.98
	Okayama Pref.	19	Offshore of Mizushima	nd	nd	nd	1.3
	Yamaguchi Pref.	20	Tokuyama Bay	2.1	nd	nd	2.0
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	1.0
	Kitakyushu City	22	Dokai Bay	3.6	8.9	13	1.7
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	1.0

(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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected

(Note 5) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

(Note 6) \*\*\*: 1 sample was measured in Sakaide Port.



Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[6-3-3] Hexachlorohexadecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 18/23 (Missing Detection Frequency (sample) : 48/67 (Missing Detection range : nd ~ 220 Detection limit range : 0.61 ~ 1.6 Detection limit : 0.99 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	0.99
		2	Tomakomai Port	2.7	2.4	11	0.95
	Akita Pref.	3	Akita Canal (Akita City)	1.4	2.3	4.7	0.98
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	0.76
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.89
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	7.4	6.7	9.8	0.95
		7	Mouth of Riv. Sumida (Minato Ward)	22	16	14	1.2
	Yokohama City	8	Yokohama Port	15	12	18	1.5
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	2.2	9.9	6.9	0.91
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	36	13	12	1.6
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	3.7	nd	nd	0.85
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	1.4	1.3	nd	0.69
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	180	220	120	1.1
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	11	58	11	1.0
		Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	37	18	8.5
	16		Osaka Port	13	31	14	1.3
	Hyogo Pref.	17	Offshore of Takasago West Port	1.7	1.6	1.2	1.2
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	11	*0.92	nd	0.61
	Okayama Pref.	19	Offshore of Mizushima	1.3	1.1	*0.82	0.78
	Yamaguchi Pref.	20	Tokuyama Bay	3.2	2.4	2.4	1.2
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	0.64
	Kitakyushu City	22	Dokai Bay	5.5	12	16	1.1
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.62
[6-3-4] Heptachlorohexadecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 17/23 (Missing Detection Frequency (sample) : 44/67 (Missing Detection range : nd ~ 170 Detection limit range : 0.66 ~ 1.7 Detection limit : 1.3 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	1.1
		2	Tomakomai Port	2.6	2.2	11	1.0
	Akita Pref.	3	Akita Canal (Akita City)	1.7	2.4	5.0	1.1
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	0.82
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.96
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	7.4	7.2	9.6	1.0
		7	Mouth of Riv. Sumida (Minato Ward)	21	17	15	1.3
	Yokohama City	8	Yokohama Port	15	12	17	1.6
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	2.4	9.8	7.1	0.98
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	30	13	11	1.7
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	4.1	nd	nd	0.91
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	1.4	*1.1	nd	0.74
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	150	170	120	1.2
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	9.6	63	13	1.1
		Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	36	17	7.7
	16		Osaka Port	13	29	14	1.4
	Hyogo Pref.	17	Offshore of Takasago West Port	1.4	1.4	nd	1.3
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	5.7	*0.95	nd	0.66
	Okayama Pref.	19	Offshore of Mizushima	*0.98	*0.92	nd	0.85
	Yamaguchi Pref.	20	Tokuyama Bay	3.5	2.8	2.4	1.3
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	0.69
	Kitakyushu City	22	Dokai Bay	4.7	11	15	1.1
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.67

(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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected

(Note 5) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

(Note 6) \*\*\*: 1 sample was measured in Sakaide Port.

Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[6-3-5] Octachlorohexadecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 15/23 (Missing Detection Frequency (sample) : 41/67 (Missing Detection range : nd ~ 67 Detection limit range : 0.66 ~ 1.7 Detection limit : 1.2 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	1.1
		2	Tomakomai Port	1.4	1.3	6.5	1.0
	Akita Pref.	3	Akita Canal (Akita City)	1.2	1.6	3.0	1.0
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	0.82
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.95
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	4.7	4.7	5.6	1.0
		7	Mouth of Riv. Sumida (Minato Ward)	12	10	8.5	1.3
	Yokohama City	8	Yokohama Port	8.3	6.4	9.5	1.6
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	1.4	6.5	4.6	0.98
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	15	8.4	6.3	1.7
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	3.0	nd	nd	0.91
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	*0.87	*0.77	nd	0.74
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	67	64	53	1.2
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	5.5	34	8.1	1.1
		Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	17	9.6	4.1
	16		Osaka Port	7.6	15	7.7	1.4
	Hyogo Pref.	17	Offshore of Takasago West Port	nd	nd	nd	1.2
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	2.1	nd	nd	0.66
	Okayama Pref.	19	Offshore of Mizushima	nd	nd	nd	0.84
	Yamaguchi Pref.	20	Tokuyama Bay	1.8	1.5	1.3	1.3
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	0.69
	Kitakyushu City	22	Dokai Bay	2.1	6.1	8.4	1.1
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.67
[6-3-6] Nonachlorohexadecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 12/23 (Missing Detection Frequency (sample) : 30/67 (Missing Detection range : nd ~ 16 Detection limit range : 0.50 ~ 1.3 Detection limit : 1.0 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	0.81
		2	Tomakomai Port	nd	nd	1.8	0.78
	Akita Pref.	3	Akita Canal (Akita City)	nd	nd	*0.98	0.80
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	0.63
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.73
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	1.7	1.4	1.8	0.78
		7	Mouth of Riv. Sumida (Minato Ward)	4.1	3.5	3.0	1.0
	Yokohama City	8	Yokohama Port	2.1	1.7	2.6	1.2
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	nd	2.3	1.4	0.75
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	3.2	2.5	1.4	1.3
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	1.2	nd	nd	0.70
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	nd	nd	nd	0.56
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	16	13	12	0.88
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	1.6	9.1	2.1	0.82
		Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	4.0	2.3	1.3
	16		Osaka Port	2.1	3.7	2.2	1.1
	Hyogo Pref.	17	Offshore of Takasago West Port	nd	nd	nd	0.95
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	nd	nd	0.50
	Okayama Pref.	19	Offshore of Mizushima	nd	nd	nd	0.64
	Yamaguchi Pref.	20	Tokuyama Bay	nd	nd	nd	1.0
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	0.53
	Kitakyushu City	22	Dokai Bay	nd	1.5	2.3	0.87
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.51

(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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected

(Note 5) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

(Note 6) \*\*\*: 1 sample was measured in Sakaide Port.

Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[6-4] Chlorinated heptadecanes (The chlorinated number is 4 - 9.) Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 15/23 (Missing Detection Frequency (sample) : 36/67 (Missing Detection range : nd ~ 480 Detection limit range : **2.9 ~ **7.2 Detection limit : **5.7 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	**4.6
		2	Tomakomai Port	*5.6	*5.4	26	**4.4
	Akita Pref.	3	Akita Canal (Akita City)	*4.7	6.3	14	**4.5
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	**3.5
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	**4.1
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	21	19	25	**4.4
		7	Mouth of Riv. Sumida (Minato Ward)	55	43	39	**5.8
	Yokohama City	8	Yokohama Port	34	28	51	**7.1
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	5.9	26	18	**4.2
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	76	33	28	**7.2
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	9.8	nd	nd	**3.9
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	*4.4	*4.2	nd	**3.2
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	400	480	260	**5.0
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	26	140	32	**4.7
	Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	80	44	20	**4.7
		16	Osaka Port	39	85	41	**6.2
	Hyogo Pref.	17	Offshore of Takasago West Port	nd	nd	nd	**5.4
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	21	nd	nd	**2.9
	Okayama Pref.	19	Offshore of Mizushima	nd	nd	nd	**3.6
	Yamaguchi Pref.	20	Tokuyama Bay	6.2	nd	nd	**5.7
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	**3.0
	Kitakyushu City	22	Dokai Bay	12	28	39	**4.9
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	**2.9
[6-4-1] Tetrachloroheptadecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 14/23 (Missing Detection Frequency (sample) : 35/67 (Missing Detection range : nd ~ 99 Detection limit range : 0.49 ~ 1.3 Detection limit : 0.99 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	0.79
		2	Tomakomai Port	nd	1.3	3.5	0.77
	Akita Pref.	3	Akita Canal (Akita City)	nd	nd	2.1	0.79
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	0.61
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.71
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	3.1	3.2	4.0	0.77
		7	Mouth of Riv. Sumida (Minato Ward)	9.5	7.1	7.9	1.0
	Yokohama City	8	Yokohama Port	5.6	4.4	6.7	1.2
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	*0.92	4.6	3.1	0.73
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	12	5.3	4.6	1.3
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	nd	nd	nd	0.68
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	1.0	1.1	nd	0.55
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	99	82	45	0.86
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	2.7	13	4.0	0.81
	Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	9.5	8.3	4.2	0.81
		16	Osaka Port	5.3	12	5.1	1.1
	Hyogo Pref.	17	Offshore of Takasago West Port	nd	nd	nd	0.93
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	3.2	nd	nd	0.49
	Okayama Pref.	19	Offshore of Mizushima	nd	*0.84	nd	0.63
	Yamaguchi Pref.	20	Tokuyama Bay	nd	nd	nd	0.99
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	0.52
	Kitakyushu City	22	Dokai Bay	2.2	4.7	6.5	0.85
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.50

(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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected

(Note 5) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

(Note 6) \*\* Total value of detected limit value each number of chlorine atoms.

(Note 7) Total value of detected limit value each number of chlorine atoms.

(Note 8) \*\*\*: 1 sample was measured in Sakaide Port.

Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[6-4-2] Pentachloroheptadecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 16/23 (Missing Detection Frequency (sample) : 42/67 (Missing Detection range : nd ~ 110 Detection limit range : 0.53 ~ 1.3 Detection limit : 1.0 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	0.85
		2	Tomakomai Port	1.2	1.2	4.1	0.82
	Akita Pref.	3	Akita Canal (Akita City)	1.2	1.4	2.8	0.84
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	0.66
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.77
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	3.6	3.3	4.6	0.82
		7	Mouth of Riv. Sumida (Minato Ward)	11	8.6	8.3	1.1
	Yokohama City	8	Yokohama Port	6.6	5.6	8.4	1.3
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	1.0	5.5	3.9	0.79
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	16	6.5	5.5	1.3
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	2.0	nd	nd	0.73
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	*0.78	1.0	nd	0.59
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	100	110	53	0.92
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	4.3	21	5.5	0.86
		Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	14	9.1	4.7
	16		Osaka Port	6.9	15	6.8	1.1
	Hyogo Pref.	17	Offshore of Takasago West Port	nd	nd	nd	1.0
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	5.4	nd	nd	0.53
	Okayama Pref.	19	Offshore of Mizushima	nd	nd	nd	0.67
	Yamaguchi Pref.	20	Tokuyama Bay	1.5	1.3	1.3	1.1
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	0.55
	Kitakyushu City	22	Dokai Bay	2.3	5.4	8.1	0.91
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.54
[6-4-3] Hexachloroheptadecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 17/23 (Missing Detection Frequency (sample) : 43/67 (Missing Detection range : nd ~ 130 Detection limit range : 0.68 ~ 1.7 Detection limit : 1.3 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	1.1
		2	Tomakomai Port	1.6	1.3	6.3	1.1
	Akita Pref.	3	Akita Canal (Akita City)	1.5	2.2	4.1	1.1
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	0.84
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.98
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	5.1	4.3	6.6	1.0
		7	Mouth of Riv. Sumida (Minato Ward)	13	10	8.3	1.4
	Yokohama City	8	Yokohama Port	8.6	6.6	14	1.7
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	1.7	6.8	4.6	1.0
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	19	8.7	6.7	1.7
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	2.9	nd	nd	0.93
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	1.3	*0.98	nd	0.76
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	100	130	67	1.2
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	7.5	42	8.6	1.1
		Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	24	12	5.2
	16		Osaka Port	10	24	11	1.5
	Hyogo Pref.	17	Offshore of Takasago West Port	nd	1.4	nd	1.3
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	7.2	*0.77	nd	0.68
	Okayama Pref.	19	Offshore of Mizushima	*0.91	*1.1	nd	0.86
	Yamaguchi Pref.	20	Tokuyama Bay	1.7	1.4	1.5	1.4
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	0.71
	Kitakyushu City	22	Dokai Bay	3.5	8.0	12	1.2
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.69

(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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected

(Note 5) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

(Note 6) \*\*\*: 1 sample was measured in Sakaide Port.

Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[6-4-4] Heptachloroheptadecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 15/23 (Missing Detection Frequency (sample) : 39/67 (Missing Detection range : nd ~ 96 Detection limit range : 0.48 ~ 1.2 Detection limit : 0.97 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	0.78
		2	Tomakomai Port	1.4	*0.88	6.1	0.75
	Akita Pref.	3	Akita Canal (Akita City)	1.0	1.4	2.7	0.77
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	0.60
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.70
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	4.6	3.9	5.1	0.75
		7	Mouth of Riv. Sumida (Minato Ward)	11	8.9	7.3	0.97
	Yokohama City	8	Yokohama Port	7.2	5.6	12	1.2
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	1.1	4.6	3.4	0.72
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	16	6.0	5.7	1.2
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	2.3	nd	nd	0.66
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	*0.60	*0.55	nd	0.54
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	61	96	57	0.84
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	6.9	39	7.6	0.79
		Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	19	8.5	3.4
	16		Osaka Port	9.6	19	10	1.0
	Hyogo Pref.	17	Offshore of Takasago West Port	nd	nd	nd	0.91
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	3.8	*0.62	nd	0.48
	Okayama Pref.	19	Offshore of Mizushima	nd	nd	nd	0.62
	Yamaguchi Pref.	20	Tokuyama Bay	1.5	1.1	nd	0.97
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	0.50
	Kitakyushu City	22	Dokai Bay	2.1	5.0	6.9	0.83
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.49
[6-4-5] Octachloroheptadecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 15/23 (Missing Detection Frequency (sample) : 37/67 (Missing Detection range : nd ~ 43 Detection limit range : 0.41 ~ 1.1 Detection limit : 0.83 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	0.67
		2	Tomakomai Port	1.1	nd	4.6	0.64
	Akita Pref.	3	Akita Canal (Akita City)	nd	0.99	1.8	0.66
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	0.51
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.60
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	3.6	2.9	3.7	0.64
		7	Mouth of Riv. Sumida (Minato Ward)	7.7	6.4	5.4	0.84
	Yokohama City	8	Yokohama Port	4.9	4.1	7.4	1.0
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	0.92	3.3	2.4	0.62
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	10	4.8	4.0	1.1
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	1.9	nd	nd	0.57
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	*0.51	nd	nd	0.46
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	29	43	29	0.72
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	3.5	20	4.8	0.68
		Osaka City	15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	11	4.5	1.8
	16		Osaka Port	5.6	10	5.8	0.90
	Hyogo Pref.	17	Offshore of Takasago West Port	nd	nd	nd	0.78
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	1.4	nd	nd	0.41
	Okayama Pref.	19	Offshore of Mizushima	nd	nd	nd	0.53
	Yamaguchi Pref.	20	Tokuyama Bay	1.1	nd	nd	0.83
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	0.43
	Kitakyushu City	22	Dokai Bay	1.3	3.4	4.7	0.72
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.42

(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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected

(Note 5) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

(Note 6) \*\*\*: 1 sample was measured in Sakaide Port.

Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[6-4-6] Nonachloroheptadecanes Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 13/23 (Missing Detection Frequency (sample) : 30/67 (Missing Detection range : nd ~ 10 Detection limit range : 0.26 ~ 0.65 Detection limit : 0.51 Requested Detection limit : 47	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	nd	nd	0.41
		2	Tomakomai Port	nd	nd	1.7	0.40
	Akita Pref.	3	Akita Canal (Akita City)	nd	nd	0.64	0.41
	Yamagata Pref.	4	Mouth of Riv. Mogami (Sakata City)	nd	nd	nd	0.32
	Ibaraki Pref.	5	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.37
	Tokyo Met.	6	Mouth of Riv. Arakawa (Koto Ward)	1.3	1.1	1.5	0.40
		7	Mouth of Riv. Sumida (Minato Ward)	2.4	2.0	1.9	0.52
	Yokohama City	8	Yokohama Port	1.5	1.2	2.4	0.63
	Kawasaki City	9	Mouth of Riv. Tama (Kawasaki City)	nd	1.2	1.0	0.38
		10	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	2.8	1.6	1.2	0.65
	Niigata Pref.	11	Lower Riv. Shinano (Niigata City)	0.80	nd	nd	0.35
	Ishikawa Pref.	12	Mouth of Riv. Sai (Kanazawa City)	nd	nd	nd	0.29
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	7.9	10	7.2	0.45
	Osaka Pref.	14	Mouth of Riv. Yamato (Sakai City)	1.1	6.1	1.5	0.42
		15	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	2.9	1.5	*0.50	0.42
	Osaka City	16	Osaka Port	1.9	3.4	2.0	0.55
	Hyogo Pref.	17	Offshore of Takasago West Port	nd	nd	nd	0.48
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	*0.29	nd	nd	0.26
	Okayama Pref.	19	Offshore of Mizushima	nd	nd	nd	0.33
	Yamaguchi Pref.	20	Tokuyama Bay	nd	nd	nd	0.51
	Kagawa Pref.	21	Sakaide Port ***	nd	---	---	0.27
	Kitakyushu City	22	Dokai Bay	nd	1.1	1.5	0.44
	Oita Pref.	23	Mouth of Riv. Oita (Oita City)	nd	nd	nd	0.26
[7] Hydrazine Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 20/20 (Missing Detection Frequency (sample) : 51/51 (Missing Detection range : 0.27 ~ 15 Detection limit range : 0.0096 ~ 0.019 Detection limit : 0.0096 Requested Detection limit : 0.01	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	6.7	4.3	6.3	0.0096
	Iwate Pref.	2	Riv. Toyosawa (Hanamaki City)	0.27	---	---	0.0096
	Akita Pref.	3	Akita Canal (Akita City)	2.4	3.7	4.5	0.0096
	Yamagata Pref.	4	Murayamanogawa (Before Mogami Riv. joining)	0.30	0.70	0.78	0.019
	Tokyo Met.	5	Mouth of Riv. Arakawa (Koto Ward)	---	1.9	6.0	0.0096
		6	Mouth of Riv. Sumida (Minato Ward)	2.8	5.1	5.0	0.0096
	Kawasaki City	7	Mouth of Riv. Tama (Kawasaki City)	9.1	6.6	4.7	0.0096
		8	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	1.2	0.68	1.6	0.0096
	Niigata Pref.	9	Lower Riv. Shinano (Niigata City)	---	---	---	---
	Ishikawa Pref.	10	Mouth of Riv. Sai (Kanazawa City)	---	---	---	---
	Shizuoka Pref.	11	Shimizu Port	0.41	0.42	0.34	0.0096
	Aichi Pref.	12	Nagoya Port , West of Shiomi Wharf	0.42	0.51	0.47	0.0096
	Mie Pref.	13	Yokkaichi Port	3.4	4.0	1.6	0.0096
	Shiga Pref.	14	Lake Biwa (center, offshore of Minamihira)	4.3	4.1	4.1	0.0096
		15	Lake Biwa (center, offshore of Karasaki)	2.9	3.7	---	0.0096
	Osaka Pref.	16	Mouth of Riv. Yamato (Sakai City)	2.3	15	3.7	0.0096
	Osaka City	17	Osaka Port	1.4	1.3	0.92	0.0096
	Hyogo Pref.	18	Offshore of Takasago West Port	1.1	1.9	0.50	0.019
	Okayama Pref.	19	Offshore of Mizushima	3.8	3.9	---	0.0096
	Yamaguchi Pref.	20	Tokuyama Bay	0.70	0.62	0.62	0.0096
	Kagawa Pref.	21	Sakaide Port ***	---	---	---	---
	Ehime Pref.	22	Niihama Port	---	2.0	---	0.0096
	Fukuoka City	23	Hakata Bay	---	1.4	---	0.0096

(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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected

(Note 5) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

(Note 6) \*\*\*: 1 sample was measured in Sakaide Port.

Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[9] 3-Phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (synonym: Permethrin)	Akita Pref.	1	Akita Canal (Akita City)	0.72	1.0	1.4	0.21
	Ibaraki Pref.	2	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	nd	nd	0.16
	Chiba Pref.	3	Coast of Ichihara and Anegasaki	1.9	1.1	1.4	0.34
	Tokyo Met.	4	Mouth of Riv. Arakawa (Koto Ward)	1.3	0.97	2.8	0.21
Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 14/18 (Missing Detection Frequency (sample) : 39/53 (Missing Detection range : nd ~ 32 Detection limit range : 0.072 ~ 0.34 Detection limit : 0.22 Requested Detection limit : 0.38	Kawasaki City	5	Mouth of Riv. Tama (Kawasaki City)	0.76	0.94	0.73	0.22
		6	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	0.51	0.40	0.41	0.29
	Nagano Pref.	7	Lake Suwa (center)	1.9	1.5	1.7	0.32
	Shizuoka Pref.	8	Riv. Tenryu (Iwata City)	nd	nd	*0.16	0.072
	Aichi Pref.	9	Nagoya Port , West of Shiomi Wharf	0.50	0.52	0.62	0.18
	Nagoya City	10	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	28	32	28	0.25
	Osaka Pref.	11	Mouth of Riv. Yamato (Sakai City)	1.1	4.5	5.1	0.23
	Osaka City	12	Osaka Port	---	2.6	1.7	0.21
	Hyogo Pref.	13	Aboshi Port	0.61	3.5	0.36	0.19
	Nara Pref.	14	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	0.31	*0.14	*0.10	0.085
	Yamaguchi Pref.	15	Tokuyama Bay	nd	nd	nd	0.22
		16	Offshore of Hagi	nd	nd	nd	0.090
	Kitakyushu City	17	Dokai Bay	1.1	1.4	1.5	0.21
	Fukuoka City	18	Hakata Bay	0.36	0.42	0.41	0.16
[10] n-Hexane Detailed Environmental Survey/sediment (ng/g- Detection Frequency (site) : 0/21 (Missing Detection Frequency (sample) : 0/63 (Missing Detection range : nd Detection limit range : 0.33 ~ 1.1 Detection limit : 1.1 Requested Detection limit : 1.1	Akita Pref.	1	Akita Canal (Akita City)	nd	nd	nd	0.86
	Chiba Pref.	2	Coast of Ichihara and Anegasaki	nd	nd	nd	0.74
	Tokyo Met.	3	Mouth of Riv. Arakawa (Koto Ward)	nd	nd	nd	0.82
		4	Mouth of Riv. Sumida (Minato Ward)	nd	nd	nd	0.9
	Yokohama City	5	Yokohama Port	nd	nd	nd	1.1
	Kawasaki City	6	Mouth of Riv. Tama (Kawasaki City)	nd	nd	nd	0.79
		7	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	nd	nd	nd	1.1
	Niigata Pref.	8	Lower Riv. Shinano (Niigata City)	nd	nd	nd	0.6
	Toyama Pref.	9	Ishida-bashi Bridge, Riv. Kurose (Kurobe City)	nd	nd	nd	0.57
	Shizuoka Pref.	10	Shimizu Port	nd	nd	nd	0.67
		11	Lower Riv. Niino (Omaezaki City)	nd	nd	nd	0.33
	Mie Pref.	12	Yokkaichi Port	nd	nd	nd	0.48
		13	Toba Port	nd	nd	nd	0.5
	Kyoto Pref.	14	Miyazu Port	nd	nd	nd	0.57
	Osaka City	15	Osaka Port	*0.88	nd	nd	0.85
	Hyogo Pref.	16	Offshore of Himeji	nd	nd	nd	0.84
	Okayama Pref.	17	Offshore of Mizushima	nd	nd	nd	0.81
	Yamaguchi Pref.	18	Tokuyama Bay	nd	nd	nd	0.92
	Kagawa Pref.	19	Takamatsu Port	nd	nd	nd	0.69
	Ehime Pref.	20	Niihama Port	nd	nd	nd	0.91
	Saga Pref.	21	Imari Bay	nd	nd	nd	0.71

(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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected

(Note 5) \* : reference value (less than unified detection limit)

(excluded value from the subject of aggregation)

Target chemicals	Local communities	No	Monitored sites	measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[7] Hydrazine Detailed Environmental Survey/air (ng/m <sup>3</sup> ) Detection Frequency (site) : 2/15 (Missing value : 1) Detection Frequency (sample) : 3/45 (Missing value : 3) Detection range : nd ~ 0.65 Detection limit range : 0.33 Detection limit : 0.33 Requested Detection limit : 0.98	Hokkaido	1	Hokkaido Research Organization Environmental and Geological Research Department Institute of Environmental Sciences	nd	nd	nd	0.33
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	nd	nd	nd	0.33
	Saitama Pref.	3	Center for Environmental Science in Saitama (Kazo City)	nd	nd	nd	0.33
	Tokyo Met.	4	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	nd	nd	nd	0.33
	Tokyo Met.	5	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.33
	Kanagawa Pref.	6	Kanagawa Environmental Research Center (Hiratsuka City)	nd	nd	nd	0.33
	Toyama Pref.	7	Uozu Air Quality Monitoring Station (Uozu City)	nd	nd	nd	0.33
	Nagano Pref.	8	Nagano Environmental Conservation Research Institute (Nagano City)	nd	nd	nd	0.33
	Mie Pref.	9	Mie Prefecture Health and Environment Research Institute (Yokkaichi City)	nd	nd	nd	0.33
	Kyoto Pref.	10	Uji Prefectural Government Building (Uji City)	nd	nd	nd	0.33
	Kyoto City	11	Kyoto City Institute of Health and Environmental Sciences (Kyoto City)	0.39	0.65	nd	0.33
	Osaka Pref.	12	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	nd	nd	nd	0.33
	Hyogo Pref.	13	Aioi City Government Building (Aioi City)	---	---	---	---
	Yamaguchi Pref.	14	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	nd	nd	0.45	0.33
	Tokushima Pref.	15	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	nd	nd	nd	0.33
	Kagawa Pref.	16	Kagawa Prefectural Public Swimming Pool (Takamatsu City)	nd	nd	nd	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

(Note 3) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

(Note 4) nd : Not detected