

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[1-1] 1-Decanol Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 1/42(Missing value: 1) Detection Frequency (sample): 1/42(Missing value: 1) Detection range: nd ~ 10 Detection limit range: 6.3 Detection limit: 6.3 Requested detection limit: 8.2	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi (Obihiro City)	nd	6.3
		2	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	nd	6.3
		3	Osamunai-bashi Bridge, Riv. Ishikari (Fukagawa City)	nd	6.3
		4	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	6.3
	Sapporo City	5	Nakanuma of Riv. Toyohira (Sapporo City)	nd	6.3
		6	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	nd	6.3
	Akita Pref.	7	Akita Canal (Akita City)	nd	6.3
	Tochigi Pref.	8	Tagawa Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd	6.3
	Gunma Pref.	9	Yata-gawa-bashi Bridge, Riv. Yata (Tatebayashi City)	nd	6.3
		10	Furutone-bashi Bridge, Riv. Ishida (Ota City)	nd	6.3
	Saitama Pref.	11	Kachi-hashii Bridge, Riv. Ichino (Yoshimi Town)	nd	6.3
		12	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	nd	6.3
		13	Shiki-ohashi Bridge, Riv. Yanase (Miyoshi Town)	nd	6.3
	Chiba Pref.	14	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	nd	6.3
		15	Coast of Ichihara and Anegasaki	nd	6.3
	Tokyo Met.	16	Mouth of Riv. Arakawa (Koto Ward)	---	---
		17	Mouth of Riv. Sumida (Minato Ward)	nd	6.3
	Yokohama City	18	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	6.3
		19	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	nd	6.3
	Kawasaki City	20	Mouth of Riv. Tama (Kawasaki City)	nd	6.3
		21	Front of Chidori Town, Keihin Canal, Port of Kawasaki	nd	6.3
		22	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	6.3
	Niigata Pref.	23	Lower Riv. Shinano (Niigata City)	nd	6.3
	Toyama Pref.	24	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd	6.3
	Ishikawa Pref.	25	Mouth of Riv. Sai (Kanazawa City)	nd	6.3
	Nagano Pref.	26	Lake Suwa (center)	nd	6.3
		27	Chuo-bashi Bridge, Riv. Tenryu (Ina City)	nd	6.3
	Aichi Pref.	28	Inaharu-hashii Bridge, Riv. Gojo (Inazawa City, Kiyosu City)	nd	6.3
	Nagoya City	29	Hinode-bashi Bridge, Riv. Shin-hori (Nagoya City)	nd	6.3
		30	Minatoshibashi Bridge, Riv. Hori (Nagoya City)	nd	6.3
	Shiga Pref.	31	Lake Biwa (center, offshore of Minamihira)	nd	6.3
		32	Lake Biwa (center, offshore of Karasaki)	10	6.3
	Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	nd	6.3
	Nara Pref.	34	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	6.3
	Wakayama Pref.	35	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	6.3
		36	Takashima-bashi Bridge, Riv. Kishi (Kinokawa City)	nd	6.3
	Yamaguchi Pref.	37	Tokuyama Bay	nd	6.3
	Kitakyushu City	38	Dokai Bay	nd	6.3
	Fukuoka City	39	Hakata Bay	nd	6.3
	Kumamoto Pref.	40	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd	6.3
	Miyazaki Pref.	41	Mouth of Riv. Oyodo (Miyazaki City)	nd	6.3
	Kagoshima Pref.	42	Kawaharada-bashi Bridge, Riv. Kimotsuki (Kanoya City)	nd	6.3
	Okinawa Pref.	43	Naha Port	nd	6.3

(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) --- : Missing value

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[1-2] 1-Undecanol Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 0/43(Missing value: 0) Detection Frequency (sample): 0/43(Missing value: 0) Detection range: nd Detection limit range: 4.3 Detection limit: 4.3 Requested detection limit: 8.2	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi (Obihiro City)	nd	4.3
		2	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	nd	4.3
		3	Osamunai-bashi Bridge, Riv. Ishikari (Fukagawa City)	nd	4.3
		4	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	4.3
	Sapporo City	5	Nakanuma of Riv. Toyohira (Sapporo City)	nd	4.3
		6	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	nd	4.3
	Akita Pref.	7	Akita Canal (Akita City)	nd	4.3
	Tochigi Pref.	8	Tagawa Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd	4.3
	Gunma Pref.	9	Yata-gawa-bashi Bridge, Riv. Yata (Tatebayashi City)	nd	4.3
		10	Furutone-bashi Bridge, Riv. Ishida (Ota City)	nd	4.3
	Saitama Pref.	11	Kachi-hashii Bridge, Riv. Ichino (Yoshimi Town)	nd	4.3
		12	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	nd	4.3
		13	Shiki-ohashi Bridge, Riv. Yanase (Miyoshi Town)	nd	4.3
	Chiba Pref.	14	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	nd	4.3
		15	Coast of Ichihara and Anegasaki	nd	4.3
	Tokyo Met.	16	Mouth of Riv. Arakawa (Koto Ward)	nd	4.3
		17	Mouth of Riv. Sumida (Minato Ward)	nd	4.3
	Yokohama City	18	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	4.3
		19	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	nd	4.3
	Kawasaki City	20	Mouth of Riv. Tama (Kawasaki City)	nd	4.3
		21	Front of Chidori Town, Keihin Canal, Port of Kawasaki	nd	4.3
		22	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	4.3
	Niigata Pref.	23	Lower Riv. Shinano (Niigata City)	nd	4.3
	Toyama Pref.	24	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd	4.3
	Ishikawa Pref.	25	Mouth of Riv. Sai (Kanazawa City)	nd	4.3
	Nagano Pref.	26	Lake Suwa (center)	nd	4.3
		27	Chuo-bashi Bridge, Riv. Tenryu (Ina City)	nd	4.3
	Aichi Pref.	28	Inaharu-hashii Bridge, Riv. Gojo (Inazawa City, Kiyosu City)	nd	4.3
	Nagoya City	29	Hinode-bashi Bridge, Riv. Shin-hori (Nagoya City)	nd	4.3
		30	Minatoshibashi Bridge, Riv. Hori (Nagoya City)	nd	4.3
	Shiga Pref.	31	Lake Biwa (center, offshore of Minamihira)	nd	4.3
		32	Lake Biwa (center, offshore of Karasaki)	nd	4.3
	Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	nd	4.3
	Nara Pref.	34	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	4.3
	Wakayama Pref.	35	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	4.3
		36	Takashima-bashi Bridge, Riv. Kishi (Kinokawa City)	nd	4.3
	Yamaguchi Pref.	37	Tokuyama Bay	nd	4.3
	Kitakyushu City	38	Dokai Bay	nd	4.3
	Fukuoka City	39	Hakata Bay	nd	4.3
	Kumamoto Pref.	40	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd	4.3
	Miyazaki Pref.	41	Mouth of Riv. Oyodo (Miyazaki City)	nd	4.3
	Kagoshima Pref.	42	Kawaharada-bashi Bridge, Riv. Kimotsuki (Kanoya City)	nd	4.3
	Okinawa Pref.	43	Naha Port	nd	4.3

(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

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[1-3] 1-Dodecanol Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 24/43(Missing value: 0) Detection Frequency (sample): 24/43(Missing value: 0) Detection range: nd ~ 480 Detection limit range: 4.8 Detection limit: 4.8 Requested detection limit: 2.8	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi (Obihiro City)	8.9	4.8
		2	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	25	4.8
		3	Osamunai-bashi Bridge, Riv. Ishikari (Fukagawa City)	nd	4.8
		4	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	5.5	4.8
	Sapporo City	5	Nakanuma of Riv. Toyohira (Sapporo City)	14	4.8
		6	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	46	4.8
	Akita Pref.	7	Akita Canal (Akita City)	nd	4.8
	Tochigi Pref.	8	Tagawa Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd	4.8
	Gunma Pref.	9	Yata-gawa-bashi Bridge, Riv. Yata (Tatebayashi City)	71	4.8
		10	Furutone-bashi Bridge, Riv. Ishida (Ota City)	30	4.8
	Saitama Pref.	11	Kachi-hashii Bridge, Riv. Ichino (Yoshimi Town)	nd	4.8
		12	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	nd	4.8
		13	Shiki-ohashi Bridge, Riv. Yanase (Miyoshi Town)	nd	4.8
	Chiba Pref.	14	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	nd	4.8
		15	Coast of Ichihara and Anegasaki	26	4.8
	Tokyo Met.	16	Mouth of Riv. Arakawa (Koto Ward)	50	4.8
		17	Mouth of Riv. Sumida (Minato Ward)	480	4.8
	Yokohama City	18	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	4.8
		19	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	nd	4.8
	Kawasaki City	20	Mouth of Riv. Tama (Kawasaki City)	nd	4.8
		21	Front of Chidori Town, Keihin Canal, Port of Kawasaki	8.2	4.8
		22	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	4.8
	Niigata Pref.	23	Lower Riv. Shinano (Niigata City)	24	4.8
	Toyama Pref.	24	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd	4.8
	Ishikawa Pref.	25	Mouth of Riv. Sai (Kanazawa City)	13	4.8
	Nagano Pref.	26	Lake Suwa (center)	nd	4.8
		27	Chuo-bashi Bridge, Riv. Tenryu (Ina City)	20	4.8
	Aichi Pref.	28	Inaharu-hashii Bridge, Riv. Gojo (Inazawa City, Kiyosu City)	nd	4.8
	Nagoya City	29	Hinode-bashi Bridge, Riv. Shin-hori (Nagoya City)	12	4.8
		30	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	4.8
	Shiga Pref.	31	Lake Biwa (center, offshore of Minamihira)	7.7	4.8
		32	Lake Biwa (center, offshore of Karasaki)	21	4.8
	Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	nd	4.8
	Nara Pref.	34	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	4.8
	Wakayama Pref.	35	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	8.6	4.8
		36	Takashima-bashi Bridge, Riv. Kishi (Kinokawa City)	5.7	4.8
	Yamaguchi Pref.	37	Tokuyama Bay	29	4.8
	Kitakyushu City	38	Dokai Bay	nd	4.8
	Fukuoka City	39	Hakata Bay	5.4	4.8
	Kumamoto Pref.	40	Hiraki-bashi Bridge, Riv. Midori (Uto City)	5.2	4.8
	Miyazaki Pref.	41	Mouth of Riv. Oyodo (Miyazaki City)	nd	4.8
	Kagoshima Pref.	42	Kawaharada-bashi Bridge, Riv. Kimotsuki (Kanoya City)	14	4.8
	Okinawa Pref.	43	Naha Port	8.1	4.8

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

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

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

(Note 3) nd : Not detected

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[1-4] 1-Tridecanol Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 2/43(Missing value: 0) Detection Frequency (sample): 2/43(Missing value: 0) Detection range: nd ~ 16 Detection limit range: 4.0 Detection limit: 4.0 Requested detection limit: 8.2	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi (Obihiro City)	nd	4.0
		2	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	nd	4.0
		3	Osamunai-bashi Bridge, Riv. Ishikari (Fukagawa City)	nd	4.0
		4	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	4.0
	Sapporo City	5	Nakanuma of Riv. Toyohira (Sapporo City)	nd	4.0
		6	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	7.5	4.0
	Akita Pref.	7	Akita Canal (Akita City)	nd	4.0
	Tochigi Pref.	8	Tagawa Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd	4.0
	Gunma Pref.	9	Yata-gawa-bashi Bridge, Riv. Yata (Tatebayashi City)	16	4.0
		10	Furutone-bashi Bridge, Riv. Ishida (Ota City)	nd	4.0
	Saitama Pref.	11	Kachi-hashii Bridge, Riv. Ichino (Yoshimi Town)	nd	4.0
		12	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	nd	4.0
		13	Shiki-ohashi Bridge, Riv. Yanase (Miyoshi Town)	nd	4.0
	Chiba Pref.	14	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	nd	4.0
		15	Coast of Ichihara and Anegasaki	nd	4.0
	Tokyo Met.	16	Mouth of Riv. Arakawa (Koto Ward)	nd	4.0
		17	Mouth of Riv. Sumida (Minato Ward)	nd	4.0
	Yokohama City	18	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	4.0
		19	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	nd	4.0
	Kawasaki City	20	Mouth of Riv. Tama (Kawasaki City)	nd	4.0
		21	Front of Chidori Town, Keihin Canal, Port of Kawasaki	nd	4.0
		22	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	4.0
	Niigata Pref.	23	Lower Riv. Shinano (Niigata City)	nd	4.0
	Toyama Pref.	24	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd	4.0
	Ishikawa Pref.	25	Mouth of Riv. Sai (Kanazawa City)	nd	4.0
	Nagano Pref.	26	Lake Suwa (center)	nd	4.0
		27	Chuo-bashi Bridge, Riv. Tenryu (Ina City)	nd	4.0
	Aichi Pref.	28	Inaharu-hashii Bridge, Riv. Gojo (Inazawa City, Kiyosu City)	nd	4.0
	Nagoya City	29	Hinode-bashi Bridge, Riv. Shin-hori (Nagoya City)	nd	4.0
		30	Minatoshibashi Bridge, Riv. Hori (Nagoya City)	nd	4.0
	Shiga Pref.	31	Lake Biwa (center, offshore of Minamihira)	nd	4.0
		32	Lake Biwa (center, offshore of Karasaki)	nd	4.0
	Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	nd	4.0
	Nara Pref.	34	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	4.0
	Wakayama Pref.	35	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	4.0
		36	Takashima-bashi Bridge, Riv. Kishi (Kinokawa City)	nd	4.0
	Yamaguchi Pref.	37	Tokuyama Bay	nd	4.0
	Kitakyushu City	38	Dokai Bay	nd	4.0
	Fukuoka City	39	Hakata Bay	nd	4.0
	Kumamoto Pref.	40	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd	4.0
	Miyazaki Pref.	41	Mouth of Riv. Oyodo (Miyazaki City)	nd	4.0
	Kagoshima Pref.	42	Kawaharada-bashi Bridge, Riv. Kimotsuki (Kanoya City)	nd	4.0
	Okinawa Pref.	43	Naha Port	nd	4.0

(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 detection limit
				Sample1	
[1-5] 1-Tetradecanol Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 30/43(Missing value: 0) Detection Frequency (sample): 30/43(Missing value: 0) Detection range: nd ~ 22 Detection limit range: 1.4 Detection limit: 1.4 Requested detection limit: 8.2	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi (Obihiro City)	9.2	1.4
		2	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	17	1.4
		3	Osamunai-bashi Bridge, Riv. Ishikari (Fukagawa City)	5.2	1.4
		4	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	1.4
	Sapporo City	5	Nakanuma of Riv. Toyohira (Sapporo City)	nd	1.4
		6	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	6.5	1.4
	Akita Pref.	7	Akita Canal (Akita City)	nd	1.4
	Tochigi Pref.	8	Tagawa Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd	1.4
	Gunma Pref.	9	Yata-gawa-bashi Bridge, Riv. Yata (Tatebayashi City)	22	1.4
		10	Furutone-bashi Bridge, Riv. Ishida (Ota City)	11	1.4
	Saitama Pref.	11	Kachi-hashii Bridge, Riv. Ichino (Yoshimi Town)	4.3	1.4
		12	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	5.0	1.4
		13	Shiki-ohashi Bridge, Riv. Yanase (Miyoshi Town)	5.6	1.4
	Chiba Pref.	14	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	4.4	1.4
		15	Coast of Ichihara and Anegasaki	14	1.4
	Tokyo Met.	16	Mouth of Riv. Arakawa (Koto Ward)	13	1.4
		17	Mouth of Riv. Sumida (Minato Ward)	4.3	1.4
	Yokohama City	18	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	5.1	1.4
		19	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	4.4	1.4
	Kawasaki City	20	Mouth of Riv. Tama (Kawasaki City)	nd	1.4
		21	Front of Chidori Town, Keihin Canal, Port of Kawasaki	nd	1.4
		22	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	1.4
	Niigata Pref.	23	Lower Riv. Shinano (Niigata City)	9.0	1.4
	Toyama Pref.	24	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	9.3	1.4
	Ishikawa Pref.	25	Mouth of Riv. Sai (Kanazawa City)	8.9	1.4
	Nagano Pref.	26	Lake Suwa (center)	6.8	1.4
		27	Chuo-bashi Bridge, Riv. Tenryu (Ina City)	nd	1.4
	Aichi Pref.	28	Inaharu-hashii Bridge, Riv. Gojo (Inazawa City, Kiyosu City)	7.9	1.4
	Nagoya City	29	Hinode-bashi Bridge, Riv. Shin-hori (Nagoya City)	12	1.4
		30	Minatoshibashi Bridge, Riv. Hori (Nagoya City)	7.2	1.4
	Shiga Pref.	31	Lake Biwa (center, offshore of Minamihira)	nd	1.4
		32	Lake Biwa (center, offshore of Karasaki)	7.3	1.4
	Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	7.1	1.4
	Nara Pref.	34	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	4.3	1.4
	Wakayama Pref.	35	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	1.4
		36	Takashima-bashi Bridge, Riv. Kishi (Kinokawa City)	nd	1.4
	Yamaguchi Pref.	37	Tokuyama Bay	nd	1.4
	Kitakyushu City	38	Dokai Bay	8.3	1.4
	Fukuoka City	39	Hakata Bay	8.6	1.4
	Kumamoto Pref.	40	Hiraki-bashi Bridge, Riv. Midori (Uto City)	8.6	1.4
	Miyazaki Pref.	41	Mouth of Riv. Oyodo (Miyazaki City)	6.3	1.4
	Kagoshima Pref.	42	Kawaharada-bashi Bridge, Riv. Kimotsuki (Kanoya City)	nd	1.4
	Okinawa Pref.	43	Naha Port	15	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

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[1-6] 1-Pentadecanol Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 2/43(Missing value: 0) Detection Frequency (sample): 2/43(Missing value: 0) Detection range: nd ~ 30 Detection limit range: 3.1 Detection limit: 3.1 Requested detection limit: 8.2	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi (Obihiro City)	nd	3.1
		2	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	nd	3.1
		3	Osamunai-bashi Bridge, Riv. Ishikari (Fukagawa City)	nd	3.1
		4	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	3.1
	Sapporo City	5	Nakanuma of Riv. Toyohira (Sapporo City)	nd	3.1
		6	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	nd	3.1
	Akita Pref.	7	Akita Canal (Akita City)	nd	3.1
	Tochigi Pref.	8	Tagawa Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	nd	3.1
	Gunma Pref.	9	Yata-gawa-bashi Bridge, Riv. Yata (Tatebayashi City)	30	3.1
		10	Furutone-bashi Bridge, Riv. Ishida (Ota City)	nd	3.1
	Saitama Pref.	11	Kachi-hashii Bridge, Riv. Ichino (Yoshimi Town)	nd	3.1
		12	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	nd	3.1
		13	Shiki-ohashi Bridge, Riv. Yanase (Miyoshi Town)	nd	3.1
	Chiba Pref.	14	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	nd	3.1
		15	Coast of Ichihara and Anegasaki	nd	3.1
	Tokyo Met.	16	Mouth of Riv. Arakawa (Koto Ward)	nd	3.1
		17	Mouth of Riv. Sumida (Minato Ward)	nd	3.1
	Yokohama City	18	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	3.1
		19	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	nd	3.1
	Kawasaki City	20	Mouth of Riv. Tama (Kawasaki City)	nd	3.1
		21	Front of Chidori Town, Keihin Canal, Port of Kawasaki	nd	3.1
		22	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	3.1
	Niigata Pref.	23	Lower Riv. Shinano (Niigata City)	nd	3.1
	Toyama Pref.	24	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	nd	3.1
	Ishikawa Pref.	25	Mouth of Riv. Sai (Kanazawa City)	nd	3.1
	Nagano Pref.	26	Lake Suwa (center)	nd	3.1
		27	Chuo-bashi Bridge, Riv. Tenryu (Ina City)	nd	3.1
	Aichi Pref.	28	Inaharu-hashii Bridge, Riv. Gojo (Inazawa City, Kiyosu City)	nd	3.1
	Nagoya City	29	Hinode-bashi Bridge, Riv. Shin-hori (Nagoya City)	5.6	3.1
		30	Minatoshibashi Bridge, Riv. Hori (Nagoya City)	nd	3.1
	Shiga Pref.	31	Lake Biwa (center, offshore of Minamihira)	nd	3.1
		32	Lake Biwa (center, offshore of Karasaki)	nd	3.1
	Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	nd	3.1
	Nara Pref.	34	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	3.1
	Wakayama Pref.	35	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	3.1
		36	Takashima-bashi Bridge, Riv. Kishi (Kinokawa City)	nd	3.1
	Yamaguchi Pref.	37	Tokuyama Bay	nd	3.1
	Kitakyushu City	38	Dokai Bay	nd	3.1
	Fukuoka City	39	Hakata Bay	nd	3.1
	Kumamoto Pref.	40	Hiraki-bashi Bridge, Riv. Midori (Uto City)	nd	3.1
	Miyazaki Pref.	41	Mouth of Riv. Oyodo (Miyazaki City)	nd	3.1
	Kagoshima Pref.	42	Kawaharada-bashi Bridge, Riv. Kimotsuki (Kanoya City)	nd	3.1
	Okinawa Pref.	43	Naha Port	nd	3.1

(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 detection limit
				Sample1	
[1-7] 1-Hexadecanol Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 26/43(Missing value: 0) Detection Frequency (sample): 26/43(Missing value: 0) Detection range: nd ~ 1,100 Detection limit range: 3.0 Detection limit: 3.0 Requested detection limit: 8.2	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi (Obihiro City)	7.3	3.0
		2	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	6.7	3.0
		3	Osamunai-bashi Bridge, Riv. Ishikari (Fukagawa City)	nd	3.0
		4	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	3.0
	Sapporo City	5	Nakanuma of Riv. Toyohira (Sapporo City)	17	3.0
		6	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	190	3.0
	Akita Pref.	7	Akita Canal (Akita City)	nd	3.0
	Tochigi Pref.	8	Tagawa Kyubun Area Head Works, Riv. Tagawa (Utsunomiya City)	12	3.0
	Gunma Pref.	9	Yata-gawa-bashi Bridge, Riv. Yata (Tatebayashi City)	1,100	3.0
		10	Furutone-bashi Bridge, Riv. Ishida (Ota City)	31	3.0
	Saitama Pref.	11	Kachi-hashii Bridge, Riv. Ichino (Yoshimi Town)	nd	3.0
		12	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	nd	3.0
		13	Shiki-ohashi Bridge, Riv. Yanase (Miyoshi Town)	51	3.0
	Chiba Pref.	14	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	nd	3.0
		15	Coast of Ichihara and Anegasaki	350	3.0
	Tokyo Met.	16	Mouth of Riv. Arakawa (Koto Ward)	110	3.0
		17	Mouth of Riv. Sumida (Minato Ward)	610	3.0
	Yokohama City	18	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	nd	3.0
		19	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	nd	3.0
	Kawasaki City	20	Mouth of Riv. Tama (Kawasaki City)	nd	3.0
		21	Front of Chidori Town, Keihin Canal, Port of Kawasaki	nd	3.0
		22	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	3.0
	Niigata Pref.	23	Lower Riv. Shinano (Niigata City)	5.7	3.0
	Toyama Pref.	24	Hagiura-bashi Bridge, Mouth of Riv. Jintsu (Toyama City)	5.6	3.0
	Ishikawa Pref.	25	Mouth of Riv. Sai (Kanazawa City)	nd	3.0
	Nagano Pref.	26	Lake Suwa (center)	nd	3.0
		27	Chuo-bashi Bridge, Riv. Tenryu (Ina City)	24	3.0
	Aichi Pref.	28	Inaharu-hashii Bridge, Riv. Gojo (Inazawa City, Kiyosu City)	3.8	3.0
	Nagoya City	29	Hinode-bashi Bridge, Riv. Shin-hori (Nagoya City)	110	3.0
		30	Minatoshibashi Bridge, Riv. Hori (Nagoya City)	580	3.0
	Shiga Pref.	31	Lake Biwa (center, offshore of Minamihira)	nd	3.0
		32	Lake Biwa (center, offshore of Karasaki)	nd	3.0
	Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	5.6	3.0
	Nara Pref.	34	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	4.9	3.0
	Wakayama Pref.	35	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	3.0
		36	Takashima-bashi Bridge, Riv. Kishi (Kinokawa City)	17	3.0
	Yamaguchi Pref.	37	Tokuyama Bay	7.7	3.0
	Kitakyushu City	38	Dokai Bay	5.2	3.0
	Fukuoka City	39	Hakata Bay	16	3.0
	Kumamoto Pref.	40	Hiraki-bashi Bridge, Riv. Midori (Uto City)	16	3.0
	Miyazaki Pref.	41	Mouth of Riv. Oyodo (Miyazaki City)	710	3.0
	Kagoshima Pref.	42	Kawaharada-bashi Bridge, Riv. Kimotsuki (Kanoya City)	nd	3.0
	Okinawa Pref.	43	Naha Port	19	3.0

(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 detection limit
				Sample1	
[2] Alkyl(benzyl)(dimethyl)ammonium salts (The alkyl group has 12, 14 or 16 carbon atoms.) Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 43/43(Missing value: 0) Detection Frequency (sample): 43/43(Missing value: 0) Detection range: 2.5 ~ 310 Detection limit range: **1.6 Detection limit: **1.6 Requested detection limit: 20	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi (Obihiro City)	6.9	**1.6
		2	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	13	**1.6
		3	Osamunai-bashi Bridge, Riv. Ishikari (Fukagawa City)	26	**1.6
		4	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	18	**1.6
	Sapporo City	5	Nakanuma of Riv. Toyohira (Sapporo City)	12	**1.6
		6	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	34	**1.6
	Miyagi Pref.	7	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	2.9	**1.6
		8	Sakura-hodoukyou Bridge, Riv. Shiroishi (Shibata Town)	4.8	**1.6
	Akita Pref.	9	Akita Canal (Akita City)	5.3	**1.6
	Fukushima Pref.	10	Shin-tsurumaki-hashii Bridge, Riv. Megami (Fukushima City)	30	**1.6
	Gunma Pref.	11	Furutone-bashi Bridge, Riv. Ishida (Ota City)	18	**1.6
	Saitama Pref.	12	Shinsen-hashii Bridge, Riv. Motokoyama (Honjo City)	6.5	**1.6
		13	Shiki-ohashi Bridge, Riv. Yanase (Miyoshi Town)	13	**1.6
	Saitama City	14	Nakadote-hashii Bridge, Riv. Kamo (Saitama City)	88	**1.6
	Chiba Pref.	15	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	14	**1.6
	Tokyo Met.	16	Mouth of Riv. Arakawa (Koto Ward)	50	**1.6
		17	Mouth of Riv. Sumida (Minato Ward)	310	**1.6
	Yokohama City	18	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	7.8	**1.6
		19	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	6.9	**1.6
	Kawasaki City	20	Mouth of Riv. Tama (Kawasaki City)	68	**1.6
		21	Front of Ougi Town, Keihin Canal, Port of Kawasaki	35	**1.6
	Niigata Pref.	22	Lower Riv. Shinano (Niigata City)	36	**1.6
	Shizuoka Pref.	23	Kuroishi-bashi Bridge, Riv. Kuroishi (Yaizu City)	18	**1.6
		24	Kashima-hashii Bridge, Riv. Ushibuchi (Kakegawa City)	21	**1.6
	Aichi Pref.	25	Inaharu-hashii Bridge, Riv. Gojo (Inazawa City, Kiyosu City)	24	**1.6
	Nagoya City	26	Hinode-bashi Bridge, Riv. Shin-hori (Nagoya City)	140	**1.6
		27	Minatoshibashi Bridge, Riv. Hori (Nagoya City)	21	**1.6
	Osaka Pref.	28	Mouth of Riv. Yamato (Sakai City)	11	**1.6
	Osaka City	29	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	20	**1.6
		30	Osaka Port	22	**1.6
	Hyogo Pref.	31	Sorei-bashi Bridge, Riv. Seto (Akashi City)	14	**1.6
		32	Under Sanyo Electric Railway, Riv. Mizuta (Harima Town)	99	**1.6
		33	Yamakado-bashi Bridge, Riv. Ogawa (Kakogawa City)	38	**1.6
		34	Offshore of Himeji	4.2	**1.6
	Okayama Pref.	35	Offshore of Mizushima	3.0	**1.6
	Yamaguchi Pref.	36	Tokuyama Bay	29	**1.6
	Tokushima Pref.	37	Fukuhara-ohashi Bridge, Riv. Katsuura (Kamikatsu Town)	2.5	**1.6
	Kochi Pref.	38	Ototake, Riv. Uji (Ino Town)	6.9	**1.6
	Kitakyushu City	39	Dokai Bay	5.3	**1.6
	Fukuoka City	40	Hakata Bay	3.4	**1.6
	Kumamoto Pref.	41	Daini-ozaya-bashi Bridge, Riv. Ozaya (Yatsushiro City)	13	**1.6
	Miyazaki Pref.	42	Miyata-gawa Sluice, Riv. Miyata (Takanabe Town)	13	**1.6
		43	Shibita-bashi Bridge Riv. Oyodo (Miyakonojo. City)	28	**1.6

(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) **: Indicates the sum value of the Quantification [Detection] limits of each target chemicals.

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[2-1] Dodecyl(benzyl)(dimethyl)ammonium salts Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 43/43(Missing value: 0) Detection Frequency (sample): 43/43(Missing value: 0) Detection range: 1.7 ~ 180 Detection limit range: 0.72 Detection limit: 0.72 Requested detection limit: 20	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi (Obihiro City)	4.4	0.72
		2	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	9.3	0.72
		3	Osamunai-bashi Bridge, Riv. Ishikari (Fukagawa City)	13	0.72
		4	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	12	0.72
	Sapporo City	5	Nakanuma of Riv. Toyohira (Sapporo City)	5.9	0.72
		6	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	18	0.72
	Miyagi Pref.	7	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	1.7	0.72
		8	Sakura-hodoukyou Bridge, Riv. Shiroishi (Shibata Town)	2.3	0.72
	Akita Pref.	9	Akita Canal (Akita City)	2.8	0.72
	Fukushima Pref.	10	Shin-tsurumaki-hashi Bridge, Riv. Megami (Fukushima City)	15	0.72
	Gunma Pref.	11	Furutone-bashi Bridge, Riv. Ishida (Ota City)	8.1	0.72
	Saitama Pref.	12	Shinsen-hashi Bridge, Riv. Motokoyama (Honjo City)	2.6	0.72
		13	Shiki-ohashi Bridge, Riv. Yanase (Miyoshi Town)	5.3	0.72
	Saitama City	14	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	49	0.72
	Chiba Pref.	15	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	7.9	0.72
	Tokyo Met.	16	Mouth of Riv. Arakawa (Koto Ward)	26	0.72
		17	Mouth of Riv. Sumida (Minato Ward)	180	0.72
	Yokohama City	18	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	4.3	0.72
		19	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	4.0	0.72
	Kawasaki City	20	Mouth of Riv. Tama (Kawasaki City)	35	0.72
		21	Front of Ougi Town, Keihin Canal, Port of Kawasaki	25	0.72
	Niigata Pref.	22	Lower Riv. Shinano (Niigata City)	20	0.72
	Shizuoka Pref.	23	Kuroishi-bashi Bridge, Riv. Kuroishi (Yaizu City)	9.2	0.72
		24	Kashima-hashi Bridge, Riv. Ushibuchi (Kakegawa City)	10	0.72
	Aichi Pref.	25	Inaharu-hashi Bridge, Riv. Gojo (Inazawa City, Kiyosu City)	9.5	0.72
	Nagoya City	26	Hinode-bashi Bridge, Riv. Shin-hori (Nagoya City)	90	0.72
		27	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	13	0.72
	Osaka Pref.	28	Mouth of Riv. Yamato (Sakai City)	5.6	0.72
	Osaka City	29	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	13	0.72
		30	Osaka Port	14	0.72
	Hyogo Pref.	31	Sorei-bashi Bridge, Riv. Seto (Akashi City)	7.4	0.72
		32	Under Sanyo Electric Railway, Riv. Mizuta (Harima Town)	59	0.72
		33	Yamakado-bashi Bridge, Riv. Ogawa (Kakogawa City)	22	0.72
		34	Offshore of Himeji	2.6	0.72
	Okayama Pref.	35	Offshore of Mizushima	1.9	0.72
	Yamaguchi Pref.	36	Tokuyama Bay	21	0.72
	Tokushima Pref.	37	Fukuhara-ohashi Bridge, Riv. Katsuura (Kamikatsu Town)	1.7	0.72
		38	Ototake, Riv. Uji (Ino Town)	4.0	0.72
	Kitakyushu City	39	Dokai Bay	2.9	0.72
	Fukuoka City	40	Hakata Bay	2.3	0.72
	Kumamoto Pref.	41	Daini-ozaya-bashi Bridge, Riv. Ozaya (Yatsushiro City)	6.7	0.72
		42	Miyata-gawa Sluice, Riv. Miyata (Takanabe Town)	8.2	0.72
	Miyazaki Pref.	43	Shibita-bashi Bridge Riv. Oyodo (Miyakonojo. City)	19	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.

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[2-2] Tetradecyl(benzyl)(dimethyl)ammonium salts Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 43/43(Missing value: 0) Detection Frequency (sample): 43/43(Missing value: 0) Detection range: 0.80 ~ 84 Detection limit range: 0.47 Detection limit: 0.47 Requested detection limit: 20	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi (Obihiro City)	2.0	0.47
		2	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	3.1	0.47
		3	Osamunai-bashi Bridge, Riv. Ishikari (Fukagawa City)	10	0.47
		4	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	4.8	0.47
	Sapporo City	5	Nakanuma of Riv. Toyohira (Sapporo City)	5.1	0.47
		6	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	12	0.47
	Miyagi Pref.	7	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	1.2	0.47
		8	Sakura-hodoukyou Bridge, Riv. Shiroishi (Shibata Town)	2.0	0.47
	Akita Pref.	9	Akita Canal (Akita City)	1.6	0.47
	Fukushima Pref.	10	Shin-tsurumaki-hashi Bridge, Riv. Megami (Fukushima City)	9.0	0.47
	Gunma Pref.	11	Furutone-bashi Bridge, Riv. Ishida (Ota City)	6.6	0.47
	Saitama Pref.	12	Shinsen-hashi Bridge, Riv. Motokoyama (Honjo City)	2.0	0.47
		13	Shiki-ohashi Bridge, Riv. Yanase (Miyoshi Town)	5.3	0.47
	Saitama City	14	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	32	0.47
	Chiba Pref.	15	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	4.2	0.47
	Tokyo Met.	16	Mouth of Riv. Arakawa (Koto Ward)	18	0.47
		17	Mouth of Riv. Sumida (Minato Ward)	84	0.47
	Yokohama City	18	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	2.1	0.47
		19	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	1.9	0.47
	Kawasaki City	20	Mouth of Riv. Tama (Kawasaki City)	16	0.47
		21	Front of Ougi Town, Keihin Canal, Port of Kawasaki	8.3	0.47
	Niigata Pref.	22	Lower Riv. Shinano (Niigata City)	12	0.47
	Shizuoka Pref.	23	Kuroishi-bashi Bridge, Riv. Kuroishi (Yaizu City)	5.2	0.47
		24	Kashima-hashi Bridge, Riv. Ushibuchi (Kakegawa City)	8.3	0.47
	Aichi Pref.	25	Inaharu-hashi Bridge, Riv. Gojo (Inazawa City, Kiyosu City)	7.9	0.47
	Nagoya City	26	Hinode-bashi Bridge, Riv. Shin-hori (Nagoya City)	35	0.47
		27	Minatoshibashi Bridge, Riv. Hori (Nagoya City)	5.2	0.47
	Osaka Pref.	28	Mouth of Riv. Yamato (Sakai City)	3.6	0.47
	Osaka City	29	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	6.0	0.47
		30	Osaka Port	7.0	0.47
	Hyogo Pref.	31	Sorei-bashi Bridge, Riv. Seto (Akashi City)	4.8	0.47
		32	Under Sanyo Electric Railway, Riv. Mizuta (Harima Town)	30	0.47
		33	Yamakado-bashi Bridge, Riv. Ogawa (Kakogawa City)	11	0.47
		34	Offshore of Himeji	1.6	0.47
	Okayama Pref.	35	Offshore of Mizushima	1.1	0.47
	Yamaguchi Pref.	36	Tokuyama Bay	6.9	0.47
	Tokushima Pref.	37	Fukuhara-ohashi Bridge, Riv. Katsuura (Kamikatsu Town)	0.8	0.47
		38	Ototake, Riv. Uji (Ino Town)	1.9	0.47
	Kochi Pref.	39	Dokai Bay	1.9	0.47
	Fukuoka City	40	Hakata Bay	1.1	0.47
	Kumamoto Pref.	41	Daini-ozaya-bashi Bridge, Riv. Ozaya (Yatsushiro City)	4.6	0.47
		42	Miyata-gawa Sluice, Riv. Miyata (Takanabe Town)	3.3	0.47
	Miyazaki Pref.	43	Shibita-bashi Bridge Riv. Oyodo (Miyakonojo. City)	7.1	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 means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[2-3] Hexadecyl(benzyl)(dimethyl)ammonium salts Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 38/43(Missing value: 0) Detection Frequency (sample): 38/43(Missing value: 0) Detection range: nd ~ 41 Detection limit range: 0.41 Detection limit: 0.41 Requested detection limit: 20	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi (Obihiro City)	0.49	0.41
		2	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	0.84	0.41
		3	Osamunai-bashi Bridge, Riv. Ishikari (Fukagawa City)	3.3	0.41
		4	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	1.5	0.41
	Sapporo City	5	Nakanuma of Riv. Toyohira (Sapporo City)	1.3	0.41
		6	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	4.3	0.41
	Miyagi Pref.	7	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	nd	0.41
		8	Sakura-hodoukyou Bridge, Riv. Shiroishi (Shibata Town)	0.54	0.41
	Akita Pref.	9	Akita Canal (Akita City)	0.87	0.41
	Fukushima Pref.	10	Shin-tsurumaki-hashi Bridge, Riv. Megami (Fukushima City)	5.8	0.41
	Gunma Pref.	11	Furutone-bashi Bridge, Riv. Ishida (Ota City)	3.0	0.41
	Saitama Pref.	12	Shinsen-hashi Bridge, Riv. Motokoyama (Honjo City)	1.9	0.41
		13	Shiki-ohashi Bridge, Riv. Yanase (Miyoshi Town)	2.0	0.41
	Saitama City	14	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	6.5	0.41
	Chiba Pref.	15	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	1.8	0.41
	Tokyo Met.	16	Mouth of Riv. Arakawa (Koto Ward)	6.2	0.41
		17	Mouth of Riv. Sumida (Minato Ward)	41	0.41
	Yokohama City	18	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	1.4	0.41
		19	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	0.98	0.41
	Kawasaki City	20	Mouth of Riv. Tama (Kawasaki City)	17	0.41
		21	Front of Ougi Town, Keihin Canal, Port of Kawasaki	1.9	0.41
	Niigata Pref.	22	Lower Riv. Shinano (Niigata City)	4.0	0.41
	Shizuoka Pref.	23	Kuroishi-bashi Bridge, Riv. Kuroishi (Yaizu City)	3.3	0.41
		24	Kashima-hashi Bridge, Riv. Ushibuchi (Kakegawa City)	2.7	0.41
	Aichi Pref.	25	Inaharu-hashi Bridge, Riv. Gojo (Inazawa City, Kiyosu City)	6.7	0.41
	Nagoya City	26	Hinode-bashi Bridge, Riv. Shin-hori (Nagoya City)	10	0.41
		27	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	2.5	0.41
	Osaka Pref.	28	Mouth of Riv. Yamato (Sakai City)	1.3	0.41
	Osaka City	29	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	1.4	0.41
		30	Osaka Port	1.4	0.41
	Hyogo Pref.	31	Sorei-bashi Bridge, Riv. Seto (Akashi City)	1.5	0.41
		32	Under Sanyo Electric Railway, Riv. Mizuta (Harima Town)	10	0.41
		33	Yamakado-bashi Bridge, Riv. Ogawa (Kakogawa City)	5.1	0.41
		34	Offshore of Himeji	nd	0.41
	Okayama Pref.	35	Offshore of Mizushima	nd	0.41
	Yamaguchi Pref.	36	Tokuyama Bay	1.0	0.41
	Tokushima Pref.	37	Fukuhara-ohashi Bridge, Riv. Katsuura (Kamikatsu Town)	nd	0.41
		38	Ototake, Riv. Uji (Ino Town)	1.0	0.41
	Kitakyushu City	39	Dokai Bay	0.5	0.41
	Fukuoka City	40	Hakata Bay	nd	0.41
	Kumamoto Pref.	41	Daini-ozaya-bashi Bridge, Riv. Ozaya (Yatsushiro City)	1.4	0.41
		42	Miyata-gawa Sluice, Riv. Miyata (Takanabe Town)	1.4	0.41
	Miyazaki Pref.	43	Shibita-bashi Bridge Riv. Oyodo (Miyakonojo. City)	1.4	0.41

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

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

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

(Note 3) nd : Not detected

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[3] Di(oxyethylene)dodecyl ether sulfonate and its salts Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 25/25(Missing value: 24) Detection Frequency (sample): 25/25(Missing value: 24) Detection range: 1.7 ~ 24 Detection limit range: 0.56 Detection limit: 0.56 Requested detection limit: 80	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi (Obihiro City)	---	---
		2	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	---	---
		3	Osamunai-bashi Bridge, Riv. Ishikari (Fukagawa City)	---	---
		4	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	---	---
	Sapporo City	5	Nakanuma of Riv. Toyohira (Sapporo City)	---	---
		6	Daichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	---	---
	Miyagi Pref.	7	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	2.5	0.56
		8	Sakura-hodoukyou Bridge, Riv. Shiroishi (Shibata Town)	4.6	0.56
	Akita Pref.	9	Akita Canal (Akita City)	4.3	0.56
	Fukushima Pref.	10	Shin-tsurumaki-hashi Bridge, Riv. Megami (Fukushima City)	18	0.56
	Gunma Pref.	11	Yata-gawa-bashi Bridge, Riv. Yata (Tatebayashi City)	---	---
		12	Izumi-ohashi Bridge, Riv. Kyuhaku (Oizumi Town)	---	---
		13	Furutone-bashi Bridge, Riv. Ishida (Ota City)	---	---
	Saitama Pref.	14	Shinsen-hashi Bridge, Riv. Motokoyama (Honjo City)	6.6	0.56
		15	Kachi-hashi Bridge, Riv. Ichino (Yoshimi Town)	10	0.56
		16	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	---	---
		17	Shiki-ohashi Bridge, Riv. Yanase (Miyoshi Town)	---	---
	Chiba Pref.	18	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	7.3	0.56
		19	Coast of Ichihara and Anegasaki	6.2	0.56
	Tokyo Met.	20	Mouth of Riv. Arakawa (Koto Ward)	16	0.56
		21	Mouth of Riv. Sumida (Minato Ward)	23	0.56
	Yokohama City	22	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	---	---
		23	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	---	---
	Kawasaki City	24	Mouth of Riv. Tama (Kawasaki City)	6.1	0.56
		25	Front of Ougi Town, Keihin Canal, Port of Kawasaki	11	0.56
	Niigata Pref.	26	Lower Riv. Shinano (Niigata City)	13	0.56
	Toyama Pref.	27	Jyokoji-hashi Bridge, Riv. Koyabu (Takaoka City)	---	---
	Shizuoka Pref.	28	Kuroishi-bashi Bridge, Riv. Kuroishi (Yaizu City)	15	0.56
		29	Kashima-hashi Bridge, Riv. Ushibuchi (Kakegawa City)	12	0.56
	Aichi Pref.	30	Inaharu-hashi Bridge, Riv. Gojo (Inazawa City, Kiyosu City)	---	---
	Nagoya City	31	Hinode-bashi Bridge, Riv. Shin-hori (Nagoya City)	---	---
		32	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	9.9	0.56
	Osaka Pref.	33	Mouth of Riv. Yamato (Sakai City)	13	0.56
	Osaka City	34	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	---	---
		35	Osaka Port	24	0.56
	Hyogo Pref.	36	Sorei-bashi Bridge, Riv. Seto (Akashi City)	2.1	0.56
		37	Under Sanyo Electric Railway, Riv. Mizuta (Harima Town)	20	0.56
		38	Yamakado-bashi Bridge, Riv. Ogawa (Kakogawa City)	8.7	0.56
	Nara Pref.	39	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	---	---
	Wakayama Pref.	40	Noguchi-hashi Bridge, Riv. Hidaka (Gobo City)	---	---
	Yamaguchi Pref.	41	Tokuyama Bay	1.7	0.56
	Tokushima Pref.	42	Fukuhara-ohashi Bridge, Riv. Katsuura (Kamikatsu Town)	---	---
	Kochi Pref.	43	Ototake, Riv. Uji (Ino Town)	---	---
	Kitakyushu City	44	Dokai Bay	2.1	0.56
	Fukuoka City	45	Hakata Bay	5.2	0.56
	Kumamoto Pref.	46	Daini-ozaya-bashi Bridge, Riv. Ozaya (Yatsushiro City)	---	---
	Miyazaki Pref.	47	Miyata-gawa Sluice, Riv. Miyata (Takanabe Town)	---	---
		48	Shibita-bashi Bridge Riv. Oyodo (Miyakonojo. City)	---	---
	Okinawa Pref.	49	Naha Port	4.4	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) --- : Missing value

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[4] <i>N,N</i> -Dimethylalkane-1-amine oxides (The alkyl group is linear with 10, 12, 14, 16 or 18 carbon atoms.) Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 30/48(Missing value: 0) Detection Frequency (sample): 30/48(Missing value: 0) Detection range: nd ~ 15,000 Detection limit range: **48 Detection limit: **48 Requested detection limit: 49	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi (Obihiro City)	nd	**48
		2	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	nd	**48
		3	Osamunai-bashi Bridge, Riv. Ishikari (Fukagawa City)	310	**48
		4	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	230	**48
	Sapporo City	5	Nakanuma of Riv. Toyohira (Sapporo City)	nd	**48
		6	Daichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	56	**48
	Iwate Pref.	7	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	**48
	Akita Pref.	8	Akita Canal (Akita City)	nd	**48
	Fukushima Pref.	9	Shin-tsurumaki-hashi Bridge, Riv. Megami (Fukushima City)	200	**48
	Gunma Pref.	10	Izumi-ohashi Bridge, Riv. Kyuhaku (Oizumi Town)	180	**48
		11	Furutone-bashi Bridge, Riv. Ishida (Ota City)	240	**48
	Saitama Pref.	12	Shinsen-hashi Bridge, Riv. Motokoyama (Honjo City)	130	**48
		13	Kachi-hashi Bridge, Riv. Ichino (Yoshimi Town)	nd	**48
		14	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	nd	**48
		15	Shiki-ohashi Bridge, Riv. Yanase (Miyoshi Town)	51	**48
		16	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	130	**48
	Chiba Pref.	17	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	51	**48
	Tokyo Met.	18	Mouth of Riv. Arakawa (Koto Ward)	74	**48
		19	Mouth of Riv. Sumida (Minato Ward)	1,900	**48
	Yokohama City	20	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	nd	**48
	Kawasaki City	21	Mouth of Riv. Tama (Kawasaki City)	70	**48
		22	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	**48
	Niigata Pref.	23	Lower Riv. Shinano (Niigata City)	80	**48
	Shizuoka Pref.	24	Kuroishi-bashi Bridge, Riv. Kuroishi (Yaizu City)	nd	**48
		25	Kashima-hashi Bridge, Riv. Ushibuchi (Kakegawa City)	230	**48
	Aichi Pref.	26	Kira Head Works, Riv. Hirota (Nishio City)	nd	**48
		27	West of Shiomi Wharf, Nagoya Port	52	**48
	Nagoya City	28	Hinode-bashi Bridge, Riv. Shin-hori (Nagoya City)	92	**48
		29	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	**48
	Shiga Pref.	30	Lake Biwa (center, offshore of Minamihira)	70	**48
		31	Lake Biwa (center, offshore of Karasaki)	nd	**48
	Osaka Pref.	32	Mouth of Riv. Yamato (Sakai City)	93	**48
	Osaka City	33	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	140	**48
		34	Osaka Port	140	**48
	Hyogo Pref.	35	Sorei-bashi Bridge, Riv. Seto (Akashi City)	nd	**48
		36	Under Sanyo Electric Railway, Riv. Mizuta (Harima Town)	350	**48
		37	Yamakado-bashi Bridge, Riv. Ogawa (Kakogawa City)	200	**48
		38	Offshore of Himeji	67	**48
	Wakayama Pref.	39	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	**48
	Tokushima Pref.	40	Fukuhara-ohashi Bridge, Riv. Katsuura (Kamikatsu Town)	210	**48
	Kagawa Pref.	41	Takamatsu Port	160	**48
	Kochi Pref.	42	Ototake, Riv. Uji (Ino Town)	55	**48
	Kitakyushu City	43	Dokai Bay	nd	**48
	Fukuoka City	44	Hakata Bay	nd	**48
	Kumamoto Pref.	45	Daini-ozaya-bashi Bridge, Riv. Ozaya (Yatsushiro City)	270	**48
	Miyazaki Pref.	46	Miyata-gawa Sluice, Riv. Miyata (Takanabe Town)	15,000	**48
		47	Shibita-bashi Bridge Riv. Oyodo (Miyakonojo. City)	8,600	**48
	Okinawa Pref.	48	Naha Port	nd	**48

(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) **: Indicates the sum value of the Quantification [Detection] limits of each target chemicals.

(Note 4) nd : Not detected

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[4-1] <i>N,N</i> -Dimethyldecane-1-amine oxide Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 7/48(Missing value: 0) Detection Frequency (sample): 7/48(Missing value: 0) Detection range: nd ~ 15,000 Detection limit range: 6.4 Detection limit: 6.4 Requested detection limit: 49	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi (Obihiro City)	nd	6.4
		2	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	nd	6.4
		3	Osamunai-bashi Bridge, Riv. Ishikari (Fukagawa City)	nd	6.4
		4	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	6.4
	Sapporo City	5	Nakanuma of Riv. Toyohira (Sapporo City)	nd	6.4
		6	Daichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	nd	6.4
	Iwate Pref.	7	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	6.4
	Akita Pref.	8	Akita Canal (Akita City)	nd	6.4
	Fukushima Pref.	9	Shin-tsurumaki-hashi Bridge, Riv. Megami (Fukushima City)	nd	6.4
		10	Izumi-ohashi Bridge, Riv. Kyuhaku (Oizumi Town)	nd	6.4
	Gunma Pref.	11	Furutone-bashi Bridge, Riv. Ishida (Ota City)	nd	6.4
		12	Shinsen-hashi Bridge, Riv. Motokoyama (Honjo City)	nd	6.4
	Saitama Pref.	13	Kachi-hashi Bridge, Riv. Ichino (Yoshimi Town)	nd	6.4
		14	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	nd	6.4
		15	Shiki-ohashi Bridge, Riv. Yanase (Miyoshi Town)	nd	6.4
	Saitama City	16	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	100	6.4
	Chiba Pref.	17	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	nd	6.4
	Tokyo Met.	18	Mouth of Riv. Arakawa (Koto Ward)	7.9	6.4
		19	Mouth of Riv. Sumida (Minato Ward)	92	6.4
	Yokohama City	20	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	nd	6.4
	Kawasaki City	21	Mouth of Riv. Tama (Kawasaki City)	nd	6.4
		22	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	6.4
	Niigata Pref.	23	Lower Riv. Shinano (Niigata City)	nd	6.4
	Shizuoka Pref.	24	Kuroishi-bashi Bridge, Riv. Kuroishi (Yaizu City)	nd	6.4
		25	Kashima-hashi Bridge, Riv. Ushibuchi (Kakegawa City)	nd	6.4
	Aichi Pref.	26	Kira Head Works, Riv. Hirota (Nishio City)	nd	6.4
		27	West of Shiomi Wharf, Nagoya Port	nd	6.4
	Nagoya City	28	Hinode-bashi Bridge, Riv. Shin-hori (Nagoya City)	nd	6.4
		29	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	6.4
	Shiga Pref.	30	Lake Biwa (center, offshore of Minamihira)	nd	6.4
		31	Lake Biwa (center, offshore of Karasaki)	nd	6.4
	Osaka Pref.	32	Mouth of Riv. Yamato (Sakai City)	nd	6.4
	Osaka City	33	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	6.4
		34	Osaka Port	nd	6.4
	Hyogo Pref.	35	Sorei-bashi Bridge, Riv. Seto (Akashi City)	nd	6.4
		36	Under Sanyo Electric Railway, Riv. Mizuta (Harima Town)	6.7	6.4
		37	Yamakado-bashi Bridge, Riv. Ogawa (Kakogawa City)	nd	6.4
		38	Offshore of Himeji	nd	6.4
	Wakayama Pref.	39	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	6.4
	Tokushima Pref.	40	Fukuhara-ohashi Bridge, Riv. Katsuura (Kamikatsu Town)	nd	6.4
	Kagawa Pref.	41	Takamatsu Port	nd	6.4
	Kochi Pref.	42	Ototake, Riv. Uji (Ino Town)	nd	6.4
	Kitakyushu City	43	Dokai Bay	nd	6.4
	Fukuoka City	44	Hakata Bay	nd	6.4
	Kumamoto Pref.	45	Daini-ozaya-bashi Bridge, Riv. Ozaya (Yatsushiro City)	15	6.4
	Miyazaki Pref.	46	Miyata-gawa Sluice, Riv. Miyata (Takanabe Town)	15,000	6.4
		47	Shibita-bashi Bridge Riv. Oyodo (Miyakonojo. City)	8,500	6.4
	Okinawa Pref.	48	Naha Port	nd	6.4

(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

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[4-2] <i>N,N</i> -Dimethyldodecane-1-amine oxide Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 34/48(Missing value: 0) Detection Frequency (sample): 34/48(Missing value: 0) Detection range: nd ~ 1,800 Detection limit range: 26 Detection limit: 26 Requested detection limit: 49	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi (Obihiro City)	nd	26
		2	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	nd	26
		3	Osamunai-bashi Bridge, Riv. Ishikari (Fukagawa City)	240	26
		4	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	170	26
	Sapporo City	5	Nakanuma of Riv. Toyohira (Sapporo City)	27	26
		6	Daichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	44	26
	Iwate Pref.	7	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	26
	Akita Pref.	8	Akita Canal (Akita City)	nd	26
	Fukushima Pref.	9	Shin-tsurumaki-hashi Bridge, Riv. Megami (Fukushima City)	160	26
		10	Izumi-ohashi Bridge, Riv. Kyuhaku (Oizumi Town)	160	26
	Gunma Pref.	11	Furutone-bashi Bridge, Riv. Ishida (Ota City)	200	26
		12	Shinsen-hashi Bridge, Riv. Motokoyama (Honjo City)	71	26
	Saitama Pref.	13	Kachi-hashi Bridge, Riv. Ichino (Yoshimi Town)	nd	26
		14	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	nd	26
		15	Shiki-ohashi Bridge, Riv. Yanase (Miyoshi Town)	51	26
	Saitama City	16	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	26	26
	Chiba Pref.	17	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	28	26
	Tokyo Met.	18	Mouth of Riv. Arakawa (Koto Ward)	66	26
		19	Mouth of Riv. Sumida (Minato Ward)	1,800	26
	Yokohama City	20	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	33	26
	Kawasaki City	21	Mouth of Riv. Tama (Kawasaki City)	55	26
		22	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	26
	Niigata Pref.	23	Lower Riv. Shinano (Niigata City)	80	26
	Shizuoka Pref.	24	Kuroishi-bashi Bridge, Riv. Kuroishi (Yaizu City)	nd	26
		25	Kashima-hashi Bridge, Riv. Ushibuchi (Kakegawa City)	200	26
	Aichi Pref.	26	Kira Head Works, Riv. Hirota (Nishio City)	nd	26
		27	West of Shiomi Wharf, Nagoya Port	39	26
	Nagoya City	28	Hinode-bashi Bridge, Riv. Shin-hori (Nagoya City)	67	26
		29	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	26
	Shiga Pref.	30	Lake Biwa (center, offshore of Minamihira)	49	26
		31	Lake Biwa (center, offshore of Karasaki)	nd	26
	Osaka Pref.	32	Mouth of Riv. Yamato (Sakai City)	58	26
	Osaka City	33	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	110	26
		34	Osaka Port	110	26
	Hyogo Pref.	35	Sorei-bashi Bridge, Riv. Seto (Akashi City)	36	26
		36	Under Sanyo Electric Railway, Riv. Mizuta (Harima Town)	290	26
		37	Yamakado-bashi Bridge, Riv. Ogawa (Kakogawa City)	170	26
		38	Offshore of Himeji	39	26
	Wakayama Pref.	39	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	26
	Tokushima Pref.	40	Fukuhara-ohashi Bridge, Riv. Katsuura (Kamikatsu Town)	170	26
	Kagawa Pref.	41	Takamatsu Port	130	26
	Kochi Pref.	42	Ototake, Riv. Uji (Ino Town)	43	26
	Kitakyushu City	43	Dokai Bay	nd	26
	Fukuoka City	44	Hakata Bay	37	26
	Kumamoto Pref.	45	Daini-ozaya-bashi Bridge, Riv. Ozaya (Yatsushiro City)	230	26
	Miyazaki Pref.	46	Miyata-gawa Sluice, Riv. Miyata (Takanabe Town)	270	26
		47	Shibita-bashi Bridge Riv. Oyodo (Miyakonojo. City)	79	26
	Okinawa Pref.	48	Naha Port	nd	26

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

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

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

(Note 3) nd : Not detected

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[4-3] <i>N,N</i> -Dimethyltetradecane-1-amine oxide Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 28/48(Missing value: 0) Detection Frequency (sample): 28/48(Missing value: 0) Detection range: nd ~ 61 Detection limit range: 11 Detection limit: 11 Requested detection limit: 49	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi (Obihiro City)	nd	11
		2	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	nd	11
		3	Osamunai-bashi Bridge, Riv. Ishikari (Fukagawa City)	61	11
		4	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	58	11
	Sapporo City	5	Nakanuma of Riv. Toyohira (Sapporo City)	12	11
		6	Daichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	11	11
	Iwate Pref.	7	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	11
	Akita Pref.	8	Akita Canal (Akita City)	nd	11
	Fukushima Pref.	9	Shin-tsuumaki-hashi Bridge, Riv. Megami (Fukushima City)	37	11
		10	Izumi-ohashi Bridge, Riv. Kyuhaku (Oizumi Town)	15	11
	Gunma Pref.	11	Furutone-bashi Bridge, Riv. Ishida (Ota City)	37	11
		12	Shinsen-hashi Bridge, Riv. Motokoyama (Honjo City)	51	11
	Saitama Pref.	13	Kachi-hashi Bridge, Riv. Ichino (Yoshimi Town)	nd	11
		14	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	nd	11
		15	Shiki-ohashi Bridge, Riv. Yanase (Miyoshi Town)	nd	11
	Saitama City	16	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	nd	11
	Chiba Pref.	17	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	21	11
	Tokyo Met.	18	Mouth of Riv. Arakawa (Koto Ward)	nd	11
		19	Mouth of Riv. Sumida (Minato Ward)	55	11
	Yokohama City	20	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	12	11
	Kawasaki City	21	Mouth of Riv. Tama (Kawasaki City)	15	11
		22	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	11
	Niigata Pref.	23	Lower Riv. Shinano (Niigata City)	nd	11
	Shizuoka Pref.	24	Kuroishi-bashi Bridge, Riv. Kuroishi (Yaizu City)	nd	11
		25	Kashima-hashi Bridge, Riv. Ushibuchi (Kakegawa City)	26	11
	Aichi Pref.	26	Kira Head Works, Riv. Hirota (Nishio City)	nd	11
		27	West of Shiomi Wharf, Nagoya Port	13	11
	Nagoya City	28	Hinode-bashi Bridge, Riv. Shin-hori (Nagoya City)	25	11
		29	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	11
	Shiga Pref.	30	Lake Biwa (center, offshore of Minamihira)	14	11
		31	Lake Biwa (center, offshore of Karasaki)	nd	11
	Osaka Pref.	32	Mouth of Riv. Yamato (Sakai City)	24	11
	Osaka City	33	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	24	11
		34	Osaka Port	24	11
	Hyogo Pref.	35	Sorei-bashi Bridge, Riv. Seto (Akashi City)	nd	11
		36	Under Sanyo Electric Railway, Riv. Mizuta (Harima Town)	49	11
		37	Yamakado-bashi Bridge, Riv. Ogawa (Kakogawa City)	23	11
		38	Offshore of Himeji	23	11
	Wakayama Pref.	39	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	11
	Tokushima Pref.	40	Fukuhara-ohashi Bridge, Riv. Katsuura (Kamikatsu Town)	34	11
	Kagawa Pref.	41	Takamatsu Port	29	11
	Kochi Pref.	42	Ototake, Riv. Uji (Ino Town)	12	11
	Kitakyushu City	43	Dokai Bay	nd	11
	Fukuoka City	44	Hakata Bay	nd	11
	Kumamoto Pref.	45	Daini-ozaya-bashi Bridge, Riv. Ozaya (Yatsushiro City)	23	11
	Miyazaki Pref.	46	Miyata-gawa Sluice, Riv. Miyata (Takanabe Town)	24	11
		47	Shibita-bashi Bridge Riv. Oyodo (Miyakonojo. City)	13	11
	Okinawa Pref.	48	Naha Port	nd	11

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

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

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

(Note 3) nd : Not detected

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[4-4] <i>N,N</i> -Dimethylhexadecane-1-amine oxide Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 26/48(Missing value: 0) Detection Frequency (sample): 26/48(Missing value: 0) Detection range: nd ~ 11 Detection limit range: 0.58 Detection limit: 0.58 Requested detection limit: 49	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi (Obihiro City)	nd	0.58
		2	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	4.4	0.58
		3	Osamunai-bashi Bridge, Riv. Ishikari (Fukagawa City)	5.2	0.58
		4	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	3.8	0.58
	Sapporo City	5	Nakanuma of Riv. Toyohira (Sapporo City)	1.8	0.58
		6	Daichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	1.4	0.58
	Iwate Pref.	7	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	0.58
	Akita Pref.	8	Akita Canal (Akita City)	nd	0.58
	Fukushima Pref.	9	Shin-tsurumaki-hashi Bridge, Riv. Megami (Fukushima City)	2.0	0.58
		10	Izumi-ohashi Bridge, Riv. Kyuhaku (Oizumi Town)	0.72	0.58
	Gunma Pref.	11	Furutone-bashi Bridge, Riv. Ishida (Ota City)	6.0	0.58
		12	Shinsen-hashi Bridge, Riv. Motokoyama (Honjo City)	1.9	0.58
	Saitama Pref.	13	Kachi-hashi Bridge, Riv. Ichino (Yoshimi Town)	nd	0.58
		14	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	nd	0.58
		15	Shiki-ohashi Bridge, Riv. Yanase (Miyoshi Town)	nd	0.58
	Saitama City	16	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	nd	0.58
	Chiba Pref.	17	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	2.3	0.58
	Tokyo Met.	18	Mouth of Riv. Arakawa (Koto Ward)	nd	0.58
		19	Mouth of Riv. Sumida (Minato Ward)	1.3	0.58
	Yokohama City	20	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	nd	0.58
	Kawasaki City	21	Mouth of Riv. Tama (Kawasaki City)	nd	0.58
		22	Front of Ougi Town, Keihin Canal, Port of Kawasaki	1.6	0.58
	Niigata Pref.	23	Lower Riv. Shinano (Niigata City)	nd	0.58
	Shizuoka Pref.	24	Kuroishi-bashi Bridge, Riv. Kuroishi (Yaizu City)	nd	0.58
		25	Kashima-hashi Bridge, Riv. Ushibuchi (Kakegawa City)	nd	0.58
	Aichi Pref.	26	Kira Head Works, Riv. Hirota (Nishio City)	1.0	0.58
		27	West of Shiomi Wharf, Nagoya Port	nd	0.58
	Nagoya City	28	Hinode-bashi Bridge, Riv. Shin-hori (Nagoya City)	nd	0.58
		29	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	0.58
	Shiga Pref.	30	Lake Biwa (center, offshore of Minamihira)	7.3	0.58
		31	Lake Biwa (center, offshore of Karasaki)	2.9	0.58
	Osaka Pref.	32	Mouth of Riv. Yamato (Sakai City)	11	0.58
	Osaka City	33	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	1.4	0.58
		34	Osaka Port	5.3	0.58
	Hyogo Pref.	35	Sorei-bashi Bridge, Riv. Seto (Akashi City)	nd	0.58
		36	Under Sanyo Electric Railway, Riv. Mizuta (Harima Town)	nd	0.58
		37	Yamakado-bashi Bridge, Riv. Ogawa (Kakogawa City)	2.1	0.58
		38	Offshore of Himeji	5.4	0.58
	Wakayama Pref.	39	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	0.58
	Tokushima Pref.	40	Fukuhara-ohashi Bridge, Riv. Katsuura (Kamikatsu Town)	3.1	0.58
	Kagawa Pref.	41	Takamatsu Port	2.7	0.58
	Kochi Pref.	42	Ototake, Riv. Uji (Ino Town)	nd	0.58
	Kitakyushu City	43	Dokai Bay	2.4	0.58
	Fukuoka City	44	Hakata Bay	2.2	0.58
	Kumamoto Pref.	45	Daini-ozaya-bashi Bridge, Riv. Ozaya (Yatsushiro City)	1.2	0.58
	Miyazaki Pref.	46	Miyata-gawa Sluice, Riv. Miyata (Takanabe Town)	nd	0.58
		47	Shibita-bashi Bridge Riv. Oyodo (Miyakonojo. City)	8.5	0.58
	Okinawa Pref.	48	Naha Port	nd	0.58

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

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

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

(Note 3) nd : Not detected

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
[4-5] <i>N,N</i> -Dimethyloctadecane-1-amine oxide Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 1/48(Missing value: 0) Detection Frequency (sample): 1/48(Missing value: 0) Detection range: nd ~ 4.9 Detection limit range: 4.3 Detection limit: 4.3 Requested detection limit: 49	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi (Obihiro City)	nd	4.3
		2	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	nd	4.3
		3	Osamunai-bashi Bridge, Riv. Ishikari (Fukagawa City)	nd	4.3
		4	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	nd	4.3
	Sapporo City	5	Nakanuma of Riv. Toyohira (Sapporo City)	nd	4.3
		6	Daichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	nd	4.3
	Iwate Pref.	7	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	4.3
	Akita Pref.	8	Akita Canal (Akita City)	nd	4.3
	Fukushima Pref.	9	Shin-tsurumaki-hashi Bridge, Riv. Megami (Fukushima City)	4.9	4.3
	Gunma Pref.	10	Izumi-ohashi Bridge, Riv. Kyuhaku (Oizumi Town)	nd	4.3
		11	Furutone-bashi Bridge, Riv. Ishida (Ota City)	nd	4.3
	Saitama Pref.	12	Shinsen-hashi Bridge, Riv. Motokoyama (Honjo City)	nd	4.3
		13	Kachi-hashi Bridge, Riv. Ichino (Yoshimi Town)	nd	4.3
		14	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	nd	4.3
		15	Shiki-ohashi Bridge, Riv. Yanase (Miyoshi Town)	nd	4.3
	Saitama City	16	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	nd	4.3
	Chiba Pref.	17	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	nd	4.3
	Tokyo Met.	18	Mouth of Riv. Arakawa (Koto Ward)	nd	4.3
		19	Mouth of Riv. Sumida (Minato Ward)	nd	4.3
	Yokohama City	20	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	nd	4.3
	Kawasaki City	21	Mouth of Riv. Tama (Kawasaki City)	nd	4.3
		22	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	4.3
	Niigata Pref.	23	Lower Riv. Shinano (Niigata City)	nd	4.3
	Shizuoka Pref.	24	Kuroishi-bashi Bridge, Riv. Kuroishi (Yaizu City)	nd	4.3
		25	Kashima-hashi Bridge, Riv. Ushibuchi (Kakegawa City)	nd	4.3
	Aichi Pref.	26	Kira Head Works, Riv. Hirota (Nishio City)	nd	4.3
		27	West of Shiomi Wharf, Nagoya Port	nd	4.3
	Nagoya City	28	Hinode-bashi Bridge, Riv. Shin-hori (Nagoya City)	nd	4.3
		29	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	4.3
	Shiga Pref.	30	Lake Biwa (center, offshore of Minamihira)	nd	4.3
		31	Lake Biwa (center, offshore of Karasaki)	nd	4.3
	Osaka Pref.	32	Mouth of Riv. Yamato (Sakai City)	nd	4.3
	Osaka City	33	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	4.3
		34	Osaka Port	nd	4.3
	Hyogo Pref.	35	Sorei-bashi Bridge, Riv. Seto (Akashi City)	nd	4.3
		36	Under Sanyo Electric Railway, Riv. Mizuta (Harima Town)	nd	4.3
		37	Yamakado-bashi Bridge, Riv. Ogawa (Kakogawa City)	nd	4.3
		38	Offshore of Himeji	nd	4.3
	Wakayama Pref.	39	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	4.3
	Tokushima Pref.	40	Fukuhara-ohashi Bridge, Riv. Katsuura (Kamikatsu Town)	nd	4.3
	Kagawa Pref.	41	Takamatsu Port	nd	4.3
	Kochi Pref.	42	Ototake, Riv. Uji (Ino Town)	nd	4.3
	Kitakyushu City	43	Dokai Bay	nd	4.3
	Fukuoka City	44	Hakata Bay	nd	4.3
	Kumamoto Pref.	45	Daini-ozaya-bashi Bridge, Riv. Ozaya (Yatsushiro City)	nd	4.3
	Miyazaki Pref.	46	Miyata-gawa Sluice, Riv. Miyata (Takanabe Town)	nd	4.3
		47	Shibita-bashi Bridge Riv. Oyodo (Miyakonojo. City)	nd	4.3
	Okinawa Pref.	48	Naha Port	nd	4.3

(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

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported detection limit
				Sample1	
4,4'-(Propane-2,2-diyl)diphenol (synonym: 4,4'-Isopropylidenediphenol or Bisphenol A) Detailed Environmental Survey/surface water (ng/L) Detection Frequency (site): 28/32(Missing value: 0) Detection Frequency (sample): 28/32(Missing value: 0) Detection range: nd ~ 95 Detection limit range: 1.8 Detection limit: 1.8 Requested detection limit: 45	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari (Ishikari City)	3.9	1.8
	Akita Pref.	2	Akita Canal (Akita City)	nd	1.8
	Yamagata Pref.	3	Goten-bashi Bridge, Riv. Mogami (Murayama City)	10	1.8
	Saitama City	4	Nakadote-hashii Bridge, Riv. Kamo (Saitama City)	69	1.8
	Chiba Pref.	5	Asai-bashi Bridge, Riv. Yourou (Ichihara City)	95	1.8
		6	Coast of Ichihara and Anegasaki	13	1.8
	Tokyo Met.	7	Mouth of Riv. Arakawa (Koto Ward)	57	1.8
		8	Mouth of Riv. Sumida (Minato Ward)	51	1.8
	Yokohama City	9	Kamenoko-bashi Bridge, Riv. Tsurumi (Yokohama City)	21	1.8
		10	Yokohama Port	5.1	1.8
		11	Yoshikura-bashi Bridge, Riv. Kashio (Yokohama City)	nd	1.8
	Kawasaki City	12	Mouth of Riv. Tama (Kawasaki City)	17	1.8
		13	Front of Ougi Town, Keihin Canal, Port of Kawasaki	8.2	1.8
	Niigata Pref.	14	Lower Riv. Shinano (Niigata City)	8.2	1.8
	Ishikawa Pref.	15	Mouth of Riv. Sai (Kanazawa City)	7.6	1.8
	Aichi Pref.	16	Inaharu-hashii Bridge, Riv. Gojo (Inazawa City, Kiyosu City)	14	1.8
		17	West of Shiomi Wharf, Nagoya Port	19	1.8
	Nagoya City	18	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	30	1.8
		19	South of Shiomi Wharf, Nagoya Port	51	1.8
	Mie Pref.	20	Yokkaichi Port	5.3	1.8
	Shiga Pref.	21	Lake Biwa (center, offshore of Minamihira)	nd	1.8
		22	Lake Biwa (center, offshore of Karasaki)	nd	1.8
	Kyoto Pref.	23	Gokou-bashi Bridge, Riv. Kizu (Yawata City)	6.0	1.8
	Kyoto City	24	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	6.9	1.8
	Osaka Pref.	25	Mouth of Riv. Yamato (Sakai City)	22	1.8
	Kobe City	26	Kobe Port (center)	14	1.8
	Nara Pref.	27	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	7.5	1.8
	Okayama Pref.	28	Offshore of Mizushima	4.8	1.8
	Yamaguchi Pref.	29	Tokuyama Bay	5.1	1.8
	Ehime Pref.	30	Niihama Port	4.5	1.8
	Kitakyushu City	31	Dokai Bay	55	1.8
	Oita Pref.	32	Mouth of Riv. Oita (Oita City)	4.3	1.8

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

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

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

(Note 3) nd : Not detected

Target chemicals	Local communities	No	Monitored sites	Measured value			Reported detection limit
				Sample1	Sample2	Sample3	
[4] <i>N,N</i> -Dimethylalkane-1-amine oxides (The alkyl group is linear with 10, 12, 14, 16 or 18 carbon atoms.) Detailed Environmental Survey/sediment (ng/g-dry) Detection Frequency (site): 5/28(Missing value: 0) Detection Frequency (sample): 5/84(Missing value: 0) Detection range: nd ~ 14 Detection limit range: **7.6 ~ **9.8 Detection limit: **9.8 Requested detection limit: 1	Iwate Pref.	1	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	nd	nd	**9.4
	Akita Pref.	2	Akita Canal (Akita City)	nd	nd	nd	**9.7
	Tokyo Met.	3	Mouth of Riv. Arakawa (Koto Ward)	nd	nd	nd	**8.1
		4	Mouth of Riv. Sumida (Minato Ward)	nd	nd	14	**9.2
	Kawasaki City	5	Mouth of Riv. Tama (Kawasaki City)	nd	nd	nd	**9.6
		6	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	nd	nd	**9.6
	Niigata Pref.	7	Lower Riv. Shinano (Niigata City)	nd	nd	nd	**7.4
	Shizuoka Pref.	8	Shimizu Port	nd	nd	nd	**8.2
	Aichi Pref.	9	West of Shiomi Wharf, Nagoya Port	nd	nd	9.6	**9.4
	Nagoya City	10	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	10	nd	nd	**9.5
	Shiga Pref.	11	Lake Biwa (center, offshore of Minamihira)	nd	nd	nd	**9.8
		12	Lake Biwa (center, offshore of Karasaki)	nd	nd	nd	**9.8
	Osaka Pref.	13	Mouth of Riv. Yamato (Sakai City)	nd	nd	nd	**9.6
	Osaka City	14	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	nd	nd	**9.1
		15	Osaka Port	nd	nd	nd	**9.5
	Hyogo Pref.	16	Sorei-bashi Bridge, Riv. Seto (Akashi City)	nd	nd	nd	**7.9
		17	Under Sanyo Electric Railway, Riv. Mizuta (Harima Town)	11	nd	nd	**8.0
		18	Yamakado-bashi Bridge, Riv. Ogawa (Kakogawa City)	nd	nd	nd	**7.1
		19	Offshore of Himeji	nd	nd	nd	**9.5
	Kobe City	20	Kobe Port (center)	nd	nd	nd	**9.5
	Wakayama Pref.	21	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	nd	nd	**8.8
	Yamaguchi Pref.	22	Tokuyama Bay	nd	nd	nd	**8.5
	Kagawa Pref.	23	Takamatsu Port	nd	nd	nd	**8.7
	Kochi Pref.	24	Ototake, Riv. Uji (Ino Town)	nd	nd	nd	**9.4
	Kitakyushu City	25	Dokai Bay	nd	nd	nd	**8.8
	Fukuoka City	26	Hakata Bay	nd	12	nd	**9.5
	Oita Pref.	27	Mouth of Riv. Oita (Oita City)	nd	nd	nd	**7.6
	Okinawa Pref.	28	Naha Port	nd	nd	nd	**9.1
[4-1] <i>N,N</i> -Dimethyldecane-1-amine oxide Detailed Environmental Survey/sediment (ng/g-dry) Detection Frequency (site): 0/28(Missing value: 0) Detection Frequency (sample): 0/84(Missing value: 0) Detection range: nd Detection limit range: 1.1 ~ 1.5 Detection limit: 1.5 Requested detection limit: 1	Iwate Pref.	1	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	nd	nd	1.5
	Akita Pref.	2	Akita Canal (Akita City)	nd	nd	nd	1.5
	Tokyo Met.	3	Mouth of Riv. Arakawa (Koto Ward)	nd	nd	nd	1.3
		4	Mouth of Riv. Sumida (Minato Ward)	nd	nd	nd	1.5
	Kawasaki City	5	Mouth of Riv. Tama (Kawasaki City)	nd	nd	nd	1.5
		6	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	nd	nd	1.5
	Niigata Pref.	7	Lower Riv. Shinano (Niigata City)	nd	nd	nd	1.2
	Shizuoka Pref.	8	Shimizu Port	nd	nd	nd	1.3
	Aichi Pref.	9	West of Shiomi Wharf, Nagoya Port	nd	nd	nd	1.5
	Nagoya City	10	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	nd	nd	1.5
	Shiga Pref.	11	Lake Biwa (center, offshore of Minamihira)	nd	nd	nd	1.5
		12	Lake Biwa (center, offshore of Karasaki)	nd	nd	nd	1.5
	Osaka Pref.	13	Mouth of Riv. Yamato (Sakai City)	nd	nd	nd	1.5
	Osaka City	14	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	nd	nd	1.5
		15	Osaka Port	nd	nd	nd	1.5
	Hyogo Pref.	16	Sorei-bashi Bridge, Riv. Seto (Akashi City)	nd	nd	nd	1.3
		17	Under Sanyo Electric Railway, Riv. Mizuta (Harima Town)	nd	nd	nd	1.3
		18	Yamakado-bashi Bridge, Riv. Ogawa (Kakogawa City)	nd	nd	nd	1.1
		19	Offshore of Himeji	nd	nd	nd	1.5
	Kobe City	20	Kobe Port (center)	nd	nd	nd	1.5
	Wakayama Pref.	21	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	nd	nd	1.4
	Yamaguchi Pref.	22	Tokuyama Bay	nd	nd	nd	1.3
	Kagawa Pref.	23	Takamatsu Port	nd	nd	nd	1.4
	Kochi Pref.	24	Ototake, Riv. Uji (Ino Town)	nd	nd	nd	1.5
	Kitakyushu City	25	Dokai Bay	nd	nd	nd	1.4
	Fukuoka City	26	Hakata Bay	nd	nd	nd	1.5
	Oita Pref.	27	Mouth of Riv. Oita (Oita City)	nd	nd	nd	1.2
	Okinawa Pref.	28	Naha Port	nd	nd	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) **: Indicates the sum value of the Quantification [Detection] limits of each target chemicals.

(Note 4) nd : Not detected

Target chemicals	Local communities	No	Monitored sites	Measured value			Reported detection limit
				Sample1	Sample2	Sample3	
[4-2] <i>N,N</i> -Dimethyldodecane-1-amine oxide Detailed Environmental Survey/sediment (ng/g-dry) Detection Frequency (site): 23/28(Missing value: 0) Detection Frequency (sample): 52/84(Missing value: 0) Detection range: nd ~ 12 Detection limit range: 1.5 ~ 2.0 Detection limit: 2.0 Requested detection limit: 1	Iwate Pref.	1	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	3.5	5.8	2.4	1.6
	Akita Pref.	2	Akita Canal (Akita City)	2.9	3.2	2.9	1.9
	Tokyo Met.	3	Mouth of Riv. Arakawa (Koto Ward)	4.2	4.3	4.1	1.6
		4	Mouth of Riv. Sumida (Minato Ward)	3.7	3.1	9.8	1.7
	Kawasaki City	5	Mouth of Riv. Tama (Kawasaki City)	nd	3.0	2.1	1.9
		6	Front of Ougi Town, Keihin Canal, Port of Kawasaki	5.0	4.5	2.1	1.8
	Niigata Pref.	7	Lower Riv. Shinano (Niigata City)	11	3.0	6.8	1.5
	Shizuoka Pref.	8	Shimizu Port	2.3	nd	nd	1.5
	Aichi Pref.	9	West of Shiomi Wharf, Nagoya Port	4.8	3.1	9.6	1.8
	Nagoya City	10	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	4.3	4.9	4.0	1.9
	Shiga Pref.	11	Lake Biwa (center, offshore of Minamihira)	nd	nd	nd	2.0
		12	Lake Biwa (center, offshore of Karasaki)	nd	nd	nd	2.0
	Osaka Pref.	13	Mouth of Riv. Yamato (Sakai City)	4.9	6.9	4.3	1.9
	Osaka City	14	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	3.3	3.1	2.9	1.7
		15	Osaka Port	nd	nd	nd	1.9
	Hyogo Pref.	16	Sorei-bashi Bridge, Riv. Seto (Akashi City)	5.4	3.3	*1.5	1.5
		17	Under Sanyo Electric Railway, Riv. Mizuta (Harima Town)	9.7	6.6	3.5	1.5
		18	Yamakado-bashi Bridge, Riv. Ogawa (Kakogawa City)	*1.6	3.2	3.8	1.5
		19	Offshore of Himeji	2.2	4.4	nd	1.9
	Kobe City	20	Kobe Port (center)	nd	nd	nd	1.9
	Wakayama Pref.	21	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	2.5	nd	1.5
	Yamaguchi Pref.	22	Tokuyama Bay	nd	3.2	*1.7	1.6
	Kagawa Pref.	23	Takamatsu Port	4.2	nd	2.6	1.7
	Kochi Pref.	24	Ototake, Riv. Uji (Ino Town)	nd	nd	2.7	1.9
	Kitakyushu City	25	Dokai Bay	nd	nd	4.3	1.7
	Fukuoka City	26	Hakata Bay	3.5	12	5.7	1.9
	Oita Pref.	27	Mouth of Riv. Oita (Oita City)	nd	*1.5	*1.8	1.5
	Okinawa Pref.	28	Naha Port	nd	3.1	nd	1.8
[4-3] <i>N,N</i> -Dimethyltetradecane-1-amine oxide Detailed Environmental Survey/sediment (ng/g-dry) Detection Frequency (site): 7/28(Missing value: 0) Detection Frequency (sample): 15/84(Missing value: 0) Detection range: nd ~ 3.8 Detection limit range: 0.96 ~ 1.4 Detection limit: 1.4 Requested detection limit: 1	Iwate Pref.	1	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	nd	nd	1.4
	Akita Pref.	2	Akita Canal (Akita City)	nd	nd	nd	1.4
	Tokyo Met.	3	Mouth of Riv. Arakawa (Koto Ward)	2.1	2.1	2.2	1.1
		4	Mouth of Riv. Sumida (Minato Ward)	1.9	2.0	3.8	1.2
	Kawasaki City	5	Mouth of Riv. Tama (Kawasaki City)	nd	nd	nd	1.3
		6	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	nd	nd	1.4
	Niigata Pref.	7	Lower Riv. Shinano (Niigata City)	*1.2	nd	nd	0.98
	Shizuoka Pref.	8	Shimizu Port	nd	nd	nd	1.2
	Aichi Pref.	9	West of Shiomi Wharf, Nagoya Port	nd	nd	nd	1.3
	Nagoya City	10	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	nd	nd	1.3
	Shiga Pref.	11	Lake Biwa (center, offshore of Minamihira)	nd	nd	nd	1.4
		12	Lake Biwa (center, offshore of Karasaki)	nd	nd	nd	1.4
	Osaka Pref.	13	Mouth of Riv. Yamato (Sakai City)	2.3	2.6	2.1	1.3
	Osaka City	14	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	3.4	2.3	2.3	1.2
		15	Osaka Port	nd	nd	nd	1.3
	Hyogo Pref.	16	Sorei-bashi Bridge, Riv. Seto (Akashi City)	nd	nd	nd	1.1
		17	Under Sanyo Electric Railway, Riv. Mizuta (Harima Town)	1.4	*1.2	nd	1.1
		18	Yamakado-bashi Bridge, Riv. Ogawa (Kakogawa City)	nd	nd	nd	0.96
		19	Offshore of Himeji	nd	nd	nd	1.3
	Kobe City	20	Kobe Port (center)	nd	nd	nd	1.3
	Wakayama Pref.	21	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	nd	nd	1.3
	Yamaguchi Pref.	22	Tokuyama Bay	nd	nd	nd	1.2
	Kagawa Pref.	23	Takamatsu Port	1.4	nd	nd	1.2
	Kochi Pref.	24	Ototake, Riv. Uji (Ino Town)	nd	nd	nd	1.3
	Kitakyushu City	25	Dokai Bay	nd	nd	nd	1.2
	Fukuoka City	26	Hakata Bay	nd	nd	nd	1.3
	Oita Pref.	27	Mouth of Riv. Oita (Oita City)	nd	nd	1.4	1.1
	Okinawa Pref.	28	Naha Port	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 (The values are less than the detection limit set uniformly for each substance. However, they are detected at reported detection limits that depend on the accuracy of the survey at each location. They are treated as not detected in the 'Detection Frequency' and 'Detection range'.)

Target chemicals	Local communities	No	Monitored sites	Measured value			Reported detection limit
				Sample1	Sample2	Sample3	
[4-4] <i>N,N</i> -Dimethylhexadecane-1-amine oxide Detailed Environmental Survey/sediment (ng/g-dry) Detection Frequency (site): 1/28(Missing value: 0) Detection Frequency (sample): 1/84(Missing value: 0) Detection range: nd ~ 2.3 Detection limit range: 1.5 ~ 2.1 Detection limit: 2.1 Requested detection limit: 1	Iwate Pref.	1	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	nd	nd	2.1
	Akita Pref.	2	Akita Canal (Akita City)	nd	nd	nd	2.1
	Tokyo Met.	3	Mouth of Riv. Arakawa (Koto Ward)	nd	nd	nd	1.8
		4	Mouth of Riv. Sumida (Minato Ward)	nd	nd	nd	2.1
	Kawasaki City	5	Mouth of Riv. Tama (Kawasaki City)	nd	nd	nd	2.1
		6	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	nd	nd	2.1
	Niigata Pref.	7	Lower Riv. Shinano (Niigata City)	nd	nd	nd	1.6
	Shizuoka Pref.	8	Shimizu Port	nd	nd	nd	1.8
	Aichi Pref.	9	West of Shiomi Wharf, Nagoya Port	nd	nd	nd	2.1
	Nagoya City	10	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	2.3	nd	nd	2.1
	Shiga Pref.	11	Lake Biwa (center, offshore of Minamihira)	nd	nd	nd	2.1
		12	Lake Biwa (center, offshore of Karasaki)	nd	nd	nd	2.1
	Osaka Pref.	13	Mouth of Riv. Yamato (Sakai City)	nd	nd	nd	2.1
	Osaka City	14	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	nd	nd	2.0
		15	Osaka Port	nd	nd	nd	2.1
	Hyogo Pref.	16	Sorei-bashi Bridge, Riv. Seto (Akashi City)	nd	nd	nd	1.7
		17	Under Sanyo Electric Railway, Riv. Mizuta (Harima Town)	nd	nd	nd	1.8
		18	Yamakado-bashi Bridge, Riv. Ogawa (Kakogawa City)	nd	nd	nd	1.5
		19	Offshore of Himeji	nd	nd	nd	2.1
	Kobe City	20	Kobe Port (center)	nd	nd	nd	2.1
	Wakayama Pref.	21	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	nd	nd	2.0
	Yamaguchi Pref.	22	Tokuyama Bay	nd	nd	nd	1.9
	Kagawa Pref.	23	Takamatsu Port	nd	nd	nd	1.9
	Kochi Pref.	24	Ototake, Riv. Uji (Ino Town)	nd	nd	nd	2.0
	Kitakyushu City	25	Dokai Bay	nd	nd	nd	1.9
	Fukuoka City	26	Hakata Bay	nd	nd	nd	2.1
	Oita Pref.	27	Mouth of Riv. Oita (Oita City)	nd	nd	nd	1.6
	Okinawa Pref.	28	Naha Port	nd	nd	nd	2.0
[4-5] <i>N,N</i> -Dimethyloctadecane-1-amine oxide Detailed Environmental Survey/sediment (ng/g-dry) Detection Frequency (site): 1/28(Missing value: 0) Detection Frequency (sample): 3/84(Missing value: 0) Detection range: nd ~ 3.8 Detection limit range: 2.0 ~ 2.8 Detection limit: 2.8 Requested detection limit: 1	Iwate Pref.	1	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	nd	nd	2.8
	Akita Pref.	2	Akita Canal (Akita City)	nd	nd	nd	2.8
	Tokyo Met.	3	Mouth of Riv. Arakawa (Koto Ward)	nd	nd	nd	2.3
		4	Mouth of Riv. Sumida (Minato Ward)	nd	nd	nd	2.7
	Kawasaki City	5	Mouth of Riv. Tama (Kawasaki City)	nd	nd	nd	2.8
		6	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	nd	nd	2.8
	Niigata Pref.	7	Lower Riv. Shinano (Niigata City)	nd	nd	nd	2.1
	Shizuoka Pref.	8	Shimizu Port	nd	nd	nd	2.4
	Aichi Pref.	9	West of Shiomi Wharf, Nagoya Port	nd	nd	nd	2.7
	Nagoya City	10	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	3.8	3.8	2.9	2.7
	Shiga Pref.	11	Lake Biwa (center, offshore of Minamihira)	nd	nd	nd	2.8
		12	Lake Biwa (center, offshore of Karasaki)	nd	nd	nd	2.8
	Osaka Pref.	13	Mouth of Riv. Yamato (Sakai City)	nd	nd	nd	2.8
	Osaka City	14	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	nd	nd	2.7
		15	Osaka Port	nd	nd	nd	2.7
	Hyogo Pref.	16	Sorei-bashi Bridge, Riv. Seto (Akashi City)	nd	nd	nd	2.3
		17	Under Sanyo Electric Railway, Riv. Mizuta (Harima Town)	*2.5	nd	nd	2.3
		18	Yamakado-bashi Bridge, Riv. Ogawa (Kakogawa City)	nd	nd	nd	2.0
		19	Offshore of Himeji	nd	nd	nd	2.7
	Kobe City	20	Kobe Port (center)	nd	nd	nd	2.7
	Wakayama Pref.	21	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	nd	nd	2.6
	Yamaguchi Pref.	22	Tokuyama Bay	nd	nd	nd	2.5
	Kagawa Pref.	23	Takamatsu Port	nd	nd	nd	2.5
	Kochi Pref.	24	Ototake, Riv. Uji (Ino Town)	nd	nd	nd	2.7
	Kitakyushu City	25	Dokai Bay	nd	nd	nd	2.6
	Fukuoka City	26	Hakata Bay	nd	nd	nd	2.7
	Oita Pref.	27	Mouth of Riv. Oita (Oita City)	nd	nd	nd	2.2
	Okinawa Pref.	28	Naha Port	nd	nd	nd	2.6

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

Target chemicals	Local communities	No	Monitored sites	Measured value			Reported detection limit
				Sample1	Sample2	Sample3	
[5] Trimethyl(octadecyl)ammonium salts Detailed Environmental Survey/sediment (ng/g-dry) Detection Frequency (site): 27/27(Missing value: 0) Detection Frequency (sample): 81/81(Missing value: 0) Detection range: 2.6 ~ 2,500 Detection limit range: 0.14 ~ 0.22 Detection limit: 0.14 Requested detection limit: 11	Sapporo City	1	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	350	360	260	0.20
	Iwate Pref.	2	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	8.9	3.2	5.0	0.17
	Akita Pref.	3	Akita Canal (Akita City)	730	680	600	0.22
	Chiba Pref.	4	Coast of Ichihara and Anegasaki	49	47	43	0.22
	Tokyo Met.	5	Mouth of Riv. Arakawa (Koto Ward)	570	350	600	0.14
		6	Mouth of Riv. Sumida (Minato Ward)	750	1,800	2,500	0.19
	Yokohama City	7	Yokohama Port	82	82	82	0.21
	Kawasaki City	8	Mouth of Riv. Tama (Kawasaki City)	43	88	80	0.21
		9	Front of Ougi Town, Keihin Canal, Port of Kawasaki	140	55	110	0.21
	Niigata Pref.	10	Lower Riv. Shinano (Niigata City)	61	17	13	0.15
	Ishikawa Pref.	11	Mouth of Riv. Sai (Kanazawa City)	88	93	23	0.20
	Nagano Pref.	12	Lake Suwa (center)	79	67	73	0.20
	Shizuoka Pref.	13	Shimizu Port	6.6	5.1	4.9	0.17
	Aichi Pref.	14	West of Shiomi Wharf, Nagoya Port	240	220	71	0.20
	Nagoya City	15	Minatoshibashi Bridge, Riv. Hori (Nagoya City)	2,200	1,500	1,600	0.22
	Kyoto City	16	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	9.9	7.3	13	0.20
	Osaka Pref.	17	Mouth of Riv. Yamato (Sakai City)	670	890	680	0.19
	Osaka City	18	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	590	490	500	0.20
		19	Osaka Port	860	710	830	0.20
	Hyogo Pref.	20	Aboshi Port	44	82	57	0.21
	Kobe City	21	Kobe Port (center)	39	33	49	0.19
	Wakayama Pref.	22	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	22	250	24	0.17
	Yamaguchi Pref.	23	Tokuyama Bay	6.6	3.3	2.6	0.17
	Kagawa Pref.	24	Takamatsu Port	690	240	580	0.20
	Kitakyushu City	25	Dokai Bay	23	18	28	0.17
	Fukuoka City	26	Hakata Bay	14	5.0	11	0.19
	Oita Pref.	27	Mouth of Riv. Oita (Oita City)	2.9	3.4	3.7	0.16

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

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

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