Target chemicals	Local communities	No	Monitored sites	Measured value Sample1	Reported detection limit
[1-1] 17β-Estradiol	Hokkaido	1	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	nd	0.088
Initial Environmental Survey/surface water (ng/L)	Sapporo City	2	Nakanuma of Riv.Toyohira (Sapporo City)	nd	0.042
Detection Frequency (site): 18/31 (Missing value: 0)		3	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	0.63	0.042
Detection Frequency (sample): 18/31 (Missing value: 0)	Miyagi Pref.	4	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	nd	0.088
Detection range: nd ~ 15		5	Sakura-hodoukyou Bridge, Riv.Shiroishi (Shibata Town)	nd	0.088
Detection limit range: 0.042 ~ 0.088					
Detection limit: 0.088	Akita Pref.	6	Akita Canal (Akita City)	nd	0.088
Requested detection limit: 0.1	Tochigi Pref.	7	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	3.3	0.088
	Gunma Pref.	8	Furutone-bashi Bridge, Riv. Ishida (Ota City)	0.18	0.088
	Saitama Pref.	9	Shiki-ohasi Bridge, Riv. Yanase (Miyoshi Town)	0.41	0.088
	Chiba Pref.	10	Coast of Ichihara and Anegasaki	nd	0.088
	Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	0.14	0.088
		12	Mouth of Riv. Sumida (Minato Ward)	0.28	0.088
	Yokohama City	13	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	1.7	0.088
		14	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	0.088
	Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	0.31	0.088
		16	Front of Chidori Town, Keihin Canal, Port of Kawasaki	nd	0.088
	Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	nd	0.088
	Ishikawa Pref.	18	Mouth of Riv. Sai (Kanazawa City)	0.24	0.088
	Nagano Pref.	19	Lake Suwa (center)	nd	0.088
	Aichi Pref.	20	Nikko-bashi Bridge, Riv. Nikko (Tsushima City)	0.35	0.088
	Nagoya City	21	Hinode-bashi Bridge, Riv.Shin-hori (Nagoya City)	15	0.088
		22	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	3.0	0.088
	Kyoto City	23	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	0.45	0.088
	Osaka Pref.	24	Mouth of Riv. Yamato (Sakai City)	0.28	0.088
	Osaka City	25	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	0.13	0.088
		26	Osaka Port	0.39	0.088
	Nara Pref.	27	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	0.31	0.088
	Okayama Pref.	28	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	nd	0.088
	Kagawa Pref.	29	Takamatsu Port	0.44	0.088
	Fukuoka City	30	Hakata Bay	nd	0.088
	Oita Pref.	31	Mouth of Riv. Oita (Oita City)	nd	0.088

(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 Sample1	Reported detection limit
[1-2] 1,3,5(10)-Estratrien-3-ol-17-one (synonym: Estrone)	Hokkaido	1	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	0.16	0.0048
Initial Environmental Survey/surface water (ng/L)	Sapporo City	2	Nakanuma of Riv.Toyohira (Sapporo City)	0.22	0.00062
Detection Frequency (site): 31/31 (Missing value: 0)		3	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	6.7	0.00062
Detection Frequency (sample): 31/31 (Missing value: 0)	Miyagi Pref.	4	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	0.35	0.0048
Detection range: 0.13 ~ 200		5	Sakura-hodoukyou Bridge, Riv.Shiroishi (Shibata Town)	0.25	0.0048
Detection limit range: 0.00062 ~ 0.0048	Akita Pref.	6	Akita Canal (Akita City)	0.35	0.0048
Detection limit: 0.0048	Tochigi Pref.	7	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	17	0.0048
Requested detection limit: -	Gunma Pref.	8	Furutone-bashi Bridge, Riv. Ishida (Ota City)	2.0	0.0048
	Saitama Pref.	9	Shiki-ohasi Bridge, Riv. Yanase (Miyoshi Town)	5.5	0.0048
	Chiba Pref.	10	Coast of Ichihara and Anegasaki	0.19	0.0048
	Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	1.2	0.0048
		12	Mouth of Riv. Sumida (Minato Ward)	1.6	0.0048
	Yokohama City	13	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	21	0.0048
		14	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	0.30	0.0048
	Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	2.7	0.0048
		16	Front of Chidori Town, Keihin Canal, Port of Kawasaki	0.19	0.0048
	Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	0.22	0.0048
	Ishikawa Pref.	18	Mouth of Riv. Sai (Kanazawa City)	2.0	0.0048
	Nagano Pref.	19	Lake Suwa (center)	0.14	0.0048
	Aichi Pref.	20	Nikko-bashi Bridge, Riv. Nikko (Tsushima City)	2.4	0.0048
	Nagoya City	21	Hinode-bashi Bridge, Riv.Shin-hori (Nagoya City)	200	0.0048
		22	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	27	0.0048
	Kyoto City	23	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	4.9	0.0048
	Osaka Pref.	24	Mouth of Riv. Yamato (Sakai City)	2.8	0.0048
	Osaka City	25	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	0.61	0.0048
		26	Osaka Port	3.8	0.0048
	Nara Pref.	27	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	3.4	0.0048
	Okayama Pref.	28	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	0.50	0.0048
	Kagawa Pref.	29	Takamatsu Port	1.9	0.0048
	Fukuoka City	30	Hakata Bay	0.13	0.0048
	Oita Pref.	31	Mouth of Riv. Oita (Oita City)	0.19	0.0048

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

Target chemicals	Local communities	No	Monitored sites	Measured value Sample1	Reported detection limit
[1-3] 17α-Ethynylestradiol Initial Environmental Survey/surface water (ng/L) Detection Frequency (site): 3/27 (Missing value: 4) Detection Frequency (sample): 3/27 (Missing value: 4) Detection range: nd ~ 0.21 Detection limit range: 0.019 ~ 0.046 Detection limit: 0.046 Requested detection limit: 0.01	Hokkaido	1	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	nd	0.019
	Sapporo City	2	Nakanuma of Riv.Toyohira (Sapporo City)	nd	0.046
		3	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	0.097	0.046
	Miyagi Pref.	4	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	nd	0.019
		5	Sakura-hodoukyou Bridge, Riv.Shiroishi (Shibata Town)	nd	0.019
	Akita Pref.	6	Akita Canal (Akita City)	nd	0.019
	Tochigi Pref.	7	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	nd	0.019
	Gunma Pref.	8	Furutone-bashi Bridge, Riv. Ishida (Ota City)	---	---
	Saitama Pref.	9	Shiki-ohasi Bridge, Riv. Yanase (Miyoshi Town)	nd	0.019
	Chiba Pref.	10	Coast of Ichihara and Anegasaki	nd	0.019
	Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	nd	0.019
		12	Mouth of Riv. Sumida (Minato Ward)	nd	0.019
	Yokohama City	13	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	nd	0.019
		14	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	0.019
	Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	nd	0.019
		16	Front of Chidori Town, Keihin Canal, Port of Kawasaki	nd	0.019
	Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	---	---
	Ishikawa Pref.	18	Mouth of Riv. Sai (Kanazawa City)	---	---
	Nagano Pref.	19	Lake Suwa (center)	*0.019	0.019
	Aichi Pref.	20	Nikko-bashi Bridge, Riv. Nikko (Tsushima City)	nd	0.019
	Nagoya City	21	Hinode-bashi Bridge, Riv.Shin-hori (Nagoya City)	0.21	0.019
		22	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	0.059	0.019
	Kyoto City	23	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd	0.019
	Osaka Pref.	24	Mouth of Riv. Yamato (Sakai City)	---	---
	Osaka City	25	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.019
		26	Osaka Port	nd	0.019
	Nara Pref.	27	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	0.019
	Okayama Pref.	28	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	nd	0.019
	Kagawa Pref.	29	Takamatsu Port	nd	0.019
	Fukuoka City	30	Hakata Bay	nd	0.019
	Oita Pref.	31	Mouth of Riv. Oita (Oita City)	nd	0.019

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.
(Note 3) nd : Not detected
(Note 4) --- : Missing value
(Note 5) * : Reference value (The values are less than the detection limit set uniformly for each substance. However, they are detected at reported detection limits that depend on the accuracy of the survey at each location. They are treated as not detected in the 'Detection Frequency' and 'Detection range'.)

Target chemicals	Local communities	No	Monitored sites	Measured value Sample1	Reported detection limit
[1-4] 16α-Hydroxyestradiol (synonym: Estriol)	Hokkaido	1	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	nd	0.055
Initial Environmental Survey/surface water (ng/L)	Sapporo City	2	Nakanuma of Riv.Toyohira (Sapporo City)	nd	0.031
Detection Frequency (site): 16/30 (Missing value: 1)		3	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	0.069	0.031
Detection Frequency (sample): 16/30 (Missing value: 1)	Miyagi Pref.	4	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	nd	0.055
Detection range: nd ~ 0.47		5	Sakura-hodoukyou Bridge, Riv.Shiroishi (Shibata Town)	nd	0.055
Detection limit range: 0.031 ~ 0.055					
Detection limit: 0.055	Akita Pref.	6	Akita Canal (Akita City)	0.055	0.055
Requested detection limit: -	Tochigi Pref.	7	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	0.10	0.055
	Gunma Pref.	8	Furutone-bashi Bridge, Riv. Ishida (Ota City)	0.22	0.055
	Saitama Pref.	9	Shiki-ohasi Bridge, Riv. Yanase (Miyoshi Town)	---	---
	Chiba Pref.	10	Coast of Ichihara and Anegasaki	nd	0.055
	Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	nd	0.055
		12	Mouth of Riv. Sumida (Minato Ward)	0.063	0.055
	Yokohama City	13	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	0.17	0.055
		14	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	0.055
	Kawasaki City	15	Mouth of Riv. Tama (Kawasaki City)	nd	0.055
		16	Front of Chidori Town, Keihin Canal, Port of Kawasaki	nd	0.055
	Niigata Pref.	17	Lower Riv. Shinano (Niigata City)	nd	0.055
	Ishikawa Pref.	18	Mouth of Riv. Sai (Kanazawa City)	0.059	0.055
	Nagano Pref.	19	Lake Suwa (center)	nd	0.055
	Aichi Pref.	20	Nikko-bashi Bridge, Riv. Nikko (Tsushima City)	0.19	0.055
	Nagoya City	21	Hinode-bashi Bridge, Riv.Shin-hori (Nagoya City)	0.39	0.055
		22	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	0.32	0.055
	Kyoto City	23	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd	0.055
	Osaka Pref.	24	Mouth of Riv. Yamato (Sakai City)	0.13	0.055
	Osaka City	25	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	0.078	0.055
		26	Osaka Port	0.22	0.055
	Nara Pref.	27	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	0.19	0.055
	Okayama Pref.	28	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	0.11	0.055
	Kagawa Pref.	29	Takamatsu Port	0.47	0.055
	Fukuoka City	30	Hakata Bay	nd	0.055
	Oita Pref.	31	Mouth of Riv. Oita (Oita City)	nd	0.055

(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 Sample1	Reported detection limit
[2] 2,4-Xylenol Initial Environmental Survey/surface water (ng/L) Detection Frequency (site): 34/36 (Missing value: 0) Detection Frequency (sample): 34/36 (Missing value: 0) Detection range: nd ~ 27 Detection limit range: 0.44 ~ 3.3 Detection limit: 0.88 Requested detection limit: 1.4	Iwate Pref.	1	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	1.6	0.44
	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	1.5	0.44
	Akita Pref.	3	Akita Canal (Akita City)	2.6	0.44
	Tochigi Pref.	4	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	7.3	1.4
	Gunma Pref.	5	Nakajima-bashi Bridge, Riv. Hirose (Isesaki City)	3.6	0.44
	Saitama Pref.	6	Kachi-hashi Bridge, Riv. Ichino (Yoshimi Town)	3.9	0.44
	Saitama City	7	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	11	0.44
	Chiba Pref.	8	Coast of Ichihara and Anegasaki	1.5	0.44
	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	1.3	0.44
		10	Mouth of Riv. Sumida (Minato Ward)	2.4	0.44
	Yokohama City	11	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	3.8	0.44
		12	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	2.3	0.44
	Kawasaki City	13	Mouth of Riv. Tama (Kawasaki City)	2.8	0.44
		14	Front of Ougi Town, Keihin Canal, Port of Kawasaki	2.6	0.44
	Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	3.6	0.44
	Nagano Pref.	16	Lake Suwa (center)	1.5	0.44
	Aichi Pref.	17	West of Shiomi Wharf, Nagoya Port	3.1	0.44
		18	Nikko-bashi Bridge, Riv. Nikko (Tsushima City)	3.7	0.44
	Mie Pref.	19	Yokkaichi Port	27	0.44
	Shiga Pref.	20	Lake Biwa (center, offshore of Minamihira)	1.7	0.44
		21	Lake Biwa (center, offshore of Karasaki)	2.0	0.44
	Kyoto City	22	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	3.5	0.44
	Osaka Pref.	23	Mouth of Riv. Yamato (Sakai City)	3.4	0.44
	Osaka City	24	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	2.7	0.44
		25	Osaka Port	4.2	0.44
	Hyogo Pref.	26	Koubu-bashi Bridge, Riv. Mukogawa (Nishinomiya City)	4.5	0.44
	Kobe City	27	Kobe Port (center)	*0.51	0.44
	Nara Pref.	28	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	3.8	0.44
	Okayama Pref.	29	Offshore of Mizushima	3.7	0.44
	Yamaguchi Pref.	30	Tokuyama Bay	1.6	0.44
	Kagawa Pref.	31	Takamatsu Port	7.8	3.3
	Fukuoka Pref.	32	Kabura-bashi Bridge, Riv. Raizan (Itoshima City)	2.0	0.44
	Kitakyushu City	33	Dokai Bay	nd	0.88
	Saga Pref.	34	Imari Bay	1.3	0.44
	Oita Pref.	35	Mouth of Riv. Oita (Oita City)	1.3	0.44
	Okinawa Pref.	36	Ryutou-bashi Bridge, Riv. Nagadou (Tomigusuku City, Haebaru Town)	8.5	0.44

(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 Sample1	Reported detection limit
[3] *p* -Chlorophenol Initial Environmental Survey/surface water (ng/L) Detection Frequency (site): 30/33 (Missing value: 1) Detection Frequency (sample): 30/33 (Missing value: 1) Detection range: nd ~ 490 Detection limit range: 0.33 ~ 1.2 Detection limit: 0.33 Requested detection limit: 1.2	Sapporo City	1	Nakanuma of Riv.Toyohira (Sapporo City)	0.70	0.33
		2	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	24	0.33
	Miyagi Pref.	3	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	5.7	0.33
		4	Sakura-hodoukyou Bridge, Riv.Shiroishi (Shibata Town)	0.54	0.33
	Sendai City	5	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	1.6	0.33
	Akita Pref.	6	Akita Canal (Akita City)	0.67	0.33
	Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	3.5	0.33
	Saitama Pref.	8	Kachi-hashi Bridge, Riv. Ichino (Yoshimi Town)	20	0.33
	Saitama City	9	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	3.6	0.33
	Chiba Pref.	10	Coast of Ichihara and Anegasaki	1.2	0.33
	Tokyo Met.	11	Mouth of Riv. Arakawa (Koto Ward)	9.8	0.33
		12	Mouth of Riv. Sumida (Minato Ward)	6.9	0.33
	Yokohama City	13	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	42	0.33
		14	Yokohama Port	3.5	0.33
		15	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	2.4	0.33
	Kawasaki City	16	Front of Ougi Town, Keihin Canal, Port of Kawasaki	2.2	0.33
	Ishikawa Pref.	17	Mouth of Riv. Sai (Kanazawa City)	2.2	1.2
	Nagano Pref.	18	Lake Suwa (center)	nd	0.33
	Aichi Pref.	19	Nikko-bashi Bridge, Riv. Nikko (Tsushima City)	8.5	0.33
	Mie Pref.	20	Yokkaichi Port	---	---
	Shiga Pref.	21	Lake Biwa (center, offshore of Minamihira)	nd	0.33
		22	Lake Biwa (center, offshore of Karasaki)	nd	0.33
	Kyoto City	23	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	7.9	0.33
	Osaka Pref.	24	Mouth of Riv. Yamato (Sakai City)	17	0.33
	Kobe City	25	Kobe Port (center)	0.57	0.33
	Nara Pref.	26	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	13	0.33
	Okayama Pref.	27	Offshore of Mizushima	0.37	0.33
	Yamaguchi Pref.	28	Tokuyama Bay	0.40	0.33
		29	Onoda Industrial Canal, Ube Port	490	0.33
	Kagawa Pref.	30	Takamatsu Port	2.6	0.33
	Kitakyushu City	31	Dokai Bay	1.5	0.33
	Saga Pref.	32	Imari Bay	1.3	0.33
	Kumamoto Pref.	33	Ubujima-bashi Bridge, Mizunashi River (Yatsushiro City)	24	0.33
	Oita Pref.	34	Mouth of Riv. Oita (Oita City)	3.7	0.33

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.
(Note 3) nd : Not detected
(Note 4) --- : Missing value

Target chemicals	Local communities	No	Monitored sites	Measured value Sample1	Reported detection limit
[4] *n* -Propylacetate Initial Environmental Survey/surface water (ng/L) Detection Frequency (site): 0/28 (Missing value: 3) Detection Frequency (sample): 0/28 (Missing value: 3) Detection range: nd Detection limit range: 61 ~ 130 Detection limit: 130 Requested detection limit: 60,000	Iwate Pref.	1	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	130
	Akita Pref.	2	Akita Canal (Akita City)	nd	130
	Yamagata Pref.	3	Goten-bashi Bridge, Riv. Mogami (Murayama City)	nd	130
	Tochigi Pref.	4	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	nd	130
	Saitama Pref.	5	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	nd	130
	Saitama City	6	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	nd	130
	Chiba Pref.	7	Coast of Ichihara and Anegasaki	nd	61
	Tokyo Met.	8	Mouth of Riv. Arakawa (Koto Ward)	nd	130
		9	Mouth of Riv. Sumida (Minato Ward)	nd	130
	Yokohama City	10	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	nd	130
		11	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	130
	Kawasaki City	12	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	130
	Niigata Pref.	13	Lower Riv. Shinano (Niigata City)	nd	130
	Shizuoka Pref.	14	Shimizu Port	nd	130
		15	Kaketsuka-bashi Bridge, Riv. Tenryu (Iwata City)	nd	130
	Aichi Pref.	16	Kinuura Port	nd	130
		17	West of Shiomi Wharf, Nagoya Port	nd	130
	Mie Pref.	18	Yokkaichi Port	nd	130
	Shiga Pref.	19	Lake Biwa (center, offshore of Minamihira)	nd	130
		20	Lake Biwa (center, offshore of Karasaki)	nd	130
	Kyoto City	21	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	---	---
	Osaka Pref.	22	Mouth of Riv. Yamato (Sakai City)	nd	130
	Kobe City	23	Kobe Port (center)	nd	130
	Nara Pref.	24	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	---	---
	Yamaguchi Pref.	25	Tokuyama Bay	---	---
	Kagawa Pref.	26	Takamatsu Port	nd	130
	Ehime Pref.	27	Niihama Port	nd	130
	Fukuoka Pref.	28	Kabura-bashi Bridge, Riv. Raizan (Itoshima City)	nd	87
		29	Offshore of Omuta	nd	87
	Kitakyushu City	30	Dokai Bay	nd	110
	Oita Pref.	31	Mouth of Riv. Oita (Oita City)	nd	130

(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 Sample1	Reported detection limit
[5] *N*,*N*-Diethyl-3-methylbenzamide (synonym: *N*,*N*-Diethyl-m-toluamide) Initial Environmental Survey/surface water (ng/L) Detection Frequency (site): 33/33 (Missing value: 0) Detection Frequency (sample): 33/33 (Missing value: 0) Detection range: 0.64 ~ 59 Detection limit range: 0.45 ~ 0.85 Detection limit: 0.45 Requested detection limit: 7,000	Hokkaido	1	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	3.1	0.45
	Sapporo City	2	Nakanuma of Riv.Toyohira (Sapporo City)	7.2	0.59
		3	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	40	0.59
	Iwate Pref.	4	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	23	0.45
	Akita Pref.	5	Akita Canal (Akita City)	2.5	0.45
	Yamagata Pref.	6	Goten-bashi Bridge, Riv. Mogami (Murayama City)	5.6	0.45
	Ibaraki Pref.	7	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	11	0.45
	Tochigi Pref.	8	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	21	0.45
	Gunma Pref.	9	Furutone-bashi Bridge, Riv. Ishida (Ota City)	13	0.45
	Saitama Pref.	10	Shiki-ohasi Bridge, Riv. Yanase (Miyoshi Town)	2.6	0.45
	Saitama City	11	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	9.5	0.45
	Chiba Pref.	12	Coast of Ichihara and Anegasaki	26	0.45
	Tokyo Met.	13	Mouth of Riv. Arakawa (Koto Ward)	10	0.45
		14	Mouth of Riv. Sumida (Minato Ward)	18	0.45
	Yokohama City	15	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	23	0.45
		16	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	31	0.45
	Kawasaki City	17	Mouth of Riv. Tama (Kawasaki City)	17	0.45
		18	Front of Chidori Town, Keihin Canal, Port of Kawasaki	33	0.45
	Niigata Pref.	19	Lower Riv. Shinano (Niigata City)	5.2	0.45
	Ishikawa Pref.	20	Mouth of Riv. Sai (Kanazawa City)	8.6	0.45
	Nagano Pref.	21	Lake Suwa (center)	5.0	0.45
	Shizuoka Pref.	22	Siosai-bashi Bridge, Riv. Kikukawa (Kakegawa City)	18	0.45
	Aichi Pref.	23	Nikko-bashi Bridge, Riv. Nikko (Tsushima City)	45	0.45
	Nagoya City	24	Hinode-bashi Bridge, Riv.Shin-hori (Nagoya City)	59	0.45
		25	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	34	0.45
	Kyoto City	26	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	11	0.45
	Osaka Pref.	27	Mouth of Riv. Yamato (Sakai City)	7.1	0.45
	Nara Pref.	28	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	17	0.85
	Okayama Pref.	29	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	25	0.45
	Kagawa Pref.	30	Takamatsu Port	23	0.45
	Kitakyushu City	31	Dokai Bay	0.64	0.45
	Fukuoka City	32	Hakata Bay	6.3	0.45
	Oita Pref.	33	Mouth of Riv. Oita (Oita City)	3.8	0.45

(Note 1) Detection frequency (site) is based on the number of sites, thus means (the number of detected sites/the number of surveyed sites).
Detection frequency (sample) is based on the number of samples, thus means (the number of detected samples/the number of surveyed samples).
(Note 2) Missing value means no measured value or excluded value from the subject of aggregation by unifying the lower detection limit.

Target chemicals	Local communities	No	Monitored sites	Measured value Sample1	Reported detection limit
[6] 1-{2-[(2,4-Dichlorobenzyl)oxy]-2-(2,4-dichlorophenyl)ethyl}-1*H*-imidazole (synonym: Miconazole)	Sapporo City	1	Nakanuma of Riv.Toyohira (Sapporo City)	2.9	0.40
		2	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	3.1	0.40
Initial Environmental Survey/surface water (ng/L)	Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	0.33
Detection Frequency (site): 18/30 (Missing value: 0)	Akita Pref.	4	Akita Canal (Akita City)	nd	0.40
Detection Frequency (sample): 18/30 (Missing value: 0)	Yamagata Pref.	5	Goten-bashi Bridge, Riv. Mogami (Murayama City)	nd	0.46
Detection range: nd ~ 13	Tochigi Pref.	6	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	3.2	0.40
Detection limit range: 0.33 ~ 0.46	Gunma Pref.	7	Furutone-bashi Bridge, Riv. Ishida (Ota City)	1.4	0.40
Detection limit: 0.46	Saitama Pref.	8	Shiki-ohasi Bridge, Riv. Yanase (Miyoshi Town)	8.7	0.40
Requested detection limit: 200	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	1.1	0.40
		10	Mouth of Riv. Sumida (Minato Ward)	nd	0.40
	Yokohama City	11	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	4.7	0.40
		12	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	0.40
	Kawasaki City	13	Mouth of Riv. Tama (Kawasaki City)	nd	0.40
		14	Front of Chidori Town, Keihin Canal, Port of Kawasaki	nd	0.40
	Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd	0.40
	Ishikawa Pref.	16	Mouth of Riv. Sai (Kanazawa City)	0.90	0.40
	Nagano Pref.	17	Lake Suwa (center)	nd	0.40
	Shizuoka Pref.	18	Siosai-bashi Bridge, Riv. Kikukawa (Kakegawa City)	nd	0.40
	Aichi Pref.	19	Nikko-bashi Bridge, Riv. Nikko (Tsushima City)	0.61	0.40
	Nagoya City	20	Hinode-bashi Bridge, Riv.Shin-hori (Nagoya City)	13	0.40
		21	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	4.0	0.40
	Kyoto City	22	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	1.0	0.40
	Osaka Pref.	23	Mouth of Riv. Yamato (Sakai City)	0.48	0.40
	Osaka City	24	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	0.76	0.40
		25	Osaka Port	0.97	0.40
	Nara Pref.	26	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	5.3	0.40
	Okayama Pref.	27	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	nd	0.40
	Kagawa Pref.	28	Takamatsu Port	2.1	0.40
	Fukuoka City	29	Hakata Bay	0.60	0.40
	Oita Pref.	30	Mouth of Riv. Oita (Oita City)	nd	0.40

(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 Sample1	Reported detection limit
[7-1] (*Z*)-2-[4-(1,2-Diphenyl-1-butenyl) phenoxy]-*N*,*N*-dimethylethylamine (synonym: Tamoxifen) Initial Environmental Survey/surface water (ng/L) Detection Frequency (site): 5/30 (Missing value: 0) Detection Frequency (sample): 5/30 (Missing value: 0) Detection range: nd ~ 0.076 Detection limit range: 0.028 Detection limit: 0.028 Requested detection limit: 0.5	Hokkaido	1	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	nd	0.028
	Sapporo City	2	Nakanuma of Riv.Toyohira (Sapporo City)	nd	0.028
		3	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	nd	0.028
	Akita Pref.	4	Akita Canal (Akita City)	nd	0.028
	Yamagata Pref.	5	Goten-bashi Bridge, Riv. Mogami (Murayama City)	nd	0.028
	Tochigi Pref.	6	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	nd	0.028
	Gunma Pref.	7	Furutone-bashi Bridge, Riv. Ishida (Ota City)	nd	0.028
	Saitama Pref.	8	Shiki-ohasi Bridge, Riv. Yanase (Miyoshi Town)	0.076	0.028
	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	nd	0.028
		10	Mouth of Riv. Sumida (Minato Ward)	nd	0.028
	Yokohama City	11	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	0.033	0.028
		12	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	0.028
	Kawasaki City	13	Mouth of Riv. Tama (Kawasaki City)	nd	0.028
		14	Front of Chidori Town, Keihin Canal, Port of Kawasaki	nd	0.028
	Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd	0.028
	Ishikawa Pref.	16	Mouth of Riv. Sai (Kanazawa City)	nd	0.028
	Nagano Pref.	17	Lake Suwa (center)	nd	0.028
	Shizuoka Pref.	18	Siosai-bashi Bridge, Riv. Kikukawa (Kakegawa City)	nd	0.028
	Aichi Pref.	19	Nikko-bashi Bridge, Riv. Nikko (Tsushima City)	nd	0.028
	Nagoya City	20	Hinode-bashi Bridge, Riv.Shin-hori (Nagoya City)	0.074	0.028
		21	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	0.028
	Kyoto City	22	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	0.032	0.028
	Osaka Pref.	23	Mouth of Riv. Yamato (Sakai City)	nd	0.028
	Osaka City	24	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	0.028	0.028
		25	Osaka Port	nd	0.028
	Nara Pref.	26	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	0.028
	Okayama Pref.	27	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	nd	0.028
	Kagawa Pref.	28	Takamatsu Port	nd	0.028
	Fukuoka City	29	Hakata Bay	nd	0.028
	Oita Pref.	30	Mouth of Riv. Oita (Oita City)	nd	0.028
[7-2] (*Z*)-2-[4-(1,2-Diphenyl-1-butenyl) phenoxy]-*N*-methyl-ethanamine (synonym: N-Desmethyltamoxifen) Initial Environmental Survey/surface water (ng/L) Detection Frequency (site): 2/30 (Missing value: 0) Detection Frequency (sample): 2/30 (Missing value: 0) Detection range: nd ~ 0.039 Detection limit range: 0.030 Detection limit: 0.030 Requested detection limit: 0.4	Hokkaido	1	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	nd	0.030
	Sapporo City	2	Nakanuma of Riv.Toyohira (Sapporo City)	nd	0.030
		3	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	nd	0.030
	Akita Pref.	4	Akita Canal (Akita City)	nd	0.030
	Yamagata Pref.	5	Goten-bashi Bridge, Riv. Mogami (Murayama City)	nd	0.030
	Tochigi Pref.	6	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	nd	0.030
	Gunma Pref.	7	Furutone-bashi Bridge, Riv. Ishida (Ota City)	nd	0.030
	Saitama Pref.	8	Shiki-ohasi Bridge, Riv. Yanase (Miyoshi Town)	0.033	0.030
	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	nd	0.030
		10	Mouth of Riv. Sumida (Minato Ward)	nd	0.030
	Yokohama City	11	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	nd	0.030
		12	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	0.030
	Kawasaki City	13	Mouth of Riv. Tama (Kawasaki City)	nd	0.030
		14	Front of Chidori Town, Keihin Canal, Port of Kawasaki	nd	0.030
	Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd	0.030
	Ishikawa Pref.	16	Mouth of Riv. Sai (Kanazawa City)	nd	0.030
	Nagano Pref.	17	Lake Suwa (center)	nd	0.030
	Shizuoka Pref.	18	Siosai-bashi Bridge, Riv. Kikukawa (Kakegawa City)	nd	0.030
	Aichi Pref.	19	Nikko-bashi Bridge, Riv. Nikko (Tsushima City)	nd	0.030
	Nagoya City	20	Hinode-bashi Bridge, Riv.Shin-hori (Nagoya City)	0.039	0.030
		21	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	0.030
	Kyoto City	22	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd	0.030
	Osaka Pref.	23	Mouth of Riv. Yamato (Sakai City)	nd	0.030
	Osaka City	24	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.030
		25	Osaka Port	nd	0.030
	Nara Pref.	26	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	0.030
	Okayama Pref.	27	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	nd	0.030
	Kagawa Pref.	28	Takamatsu Port	nd	0.030
	Fukuoka City	29	Hakata Bay	nd	0.030
	Oita Pref.	30	Mouth of Riv. Oita (Oita City)	nd	0.030

(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 Sample1	Reported detection limit
[7-3] 4-[(*Z*)-1-[4-[2-(dimethylamino)ethoxy] phenyl]-2-phenyl-1-butenyl]phenol (synonym: 4-Hydroxytamoxifen) Initial Environmental Survey/surface water (ng/L) Detection Frequency (site): 0/30 (Missing value: 0) Detection Frequency (sample): 0/30 (Missing value: 0) Detection range: nd Detection limit range: 0.030 Detection limit: 0.030 Requested detection limit: -	Hokkaido	1	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	nd	0.030
	Sapporo City	2	Nakanuma of Riv.Toyohira (Sapporo City)	nd	0.030
		3	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	nd	0.030
	Akita Pref.	4	Akita Canal (Akita City)	nd	0.030
	Yamagata Pref.	5	Goten-bashi Bridge, Riv. Mogami (Murayama City)	nd	0.030
	Tochigi Pref.	6	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	nd	0.030
	Gunma Pref.	7	Furutone-bashi Bridge, Riv. Ishida (Ota City)	nd	0.030
	Saitama Pref.	8	Shiki-ohasi Bridge, Riv. Yanase (Miyoshi Town)	nd	0.030
	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	nd	0.030
		10	Mouth of Riv. Sumida (Minato Ward)	nd	0.030
	Yokohama City	11	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	nd	0.030
		12	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	0.030
	Kawasaki City	13	Mouth of Riv. Tama (Kawasaki City)	nd	0.030
		14	Front of Chidori Town, Keihin Canal, Port of Kawasaki	nd	0.030
	Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd	0.030
	Ishikawa Pref.	16	Mouth of Riv. Sai (Kanazawa City)	nd	0.030
	Nagano Pref.	17	Lake Suwa (center)	nd	0.030
	Shizuoka Pref.	18	Siosai-bashi Bridge, Riv. Kikukawa (Kakegawa City)	nd	0.030
	Aichi Pref.	19	Nikko-bashi Bridge, Riv. Nikko (Tsushima City)	nd	0.030
	Nagoya City	20	Hinode-bashi Bridge, Riv.Shin-hori (Nagoya City)	nd	0.030
		21	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	0.030
	Kyoto City	22	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd	0.030
	Osaka Pref.	23	Mouth of Riv. Yamato (Sakai City)	nd	0.030
	Osaka City	24	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.030
		25	Osaka Port	nd	0.030
	Nara Pref.	26	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	0.030
	Okayama Pref.	27	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	nd	0.030
	Kagawa Pref.	28	Takamatsu Port	nd	0.030
	Fukuoka City	29	Hakata Bay	nd	0.030
	Oita Pref.	30	Mouth of Riv. Oita (Oita City)	nd	0.030
[7-4] 4-[(*Z*)-1-[4-[2-(methylamino)ethoxy] phenyl]-2-phenyl-1-butenyl]phenol (synonym: 4-Endoxifen) Initial Environmental Survey/surface water (ng/L) Detection Frequency (site): 0/30 (Missing value: 0) Detection Frequency (sample): 0/30 (Missing value: 0) Detection range: nd Detection limit range: 0.11 Detection limit: 0.11 Requested detection limit: -	Hokkaido	1	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	nd	0.11
	Sapporo City	2	Nakanuma of Riv.Toyohira (Sapporo City)	nd	0.11
		3	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	nd	0.11
	Akita Pref.	4	Akita Canal (Akita City)	nd	0.11
	Yamagata Pref.	5	Goten-bashi Bridge, Riv. Mogami (Murayama City)	nd	0.11
	Tochigi Pref.	6	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	nd	0.11
	Gunma Pref.	7	Furutone-bashi Bridge, Riv. Ishida (Ota City)	nd	0.11
	Saitama Pref.	8	Shiki-ohasi Bridge, Riv. Yanase (Miyoshi Town)	nd	0.11
	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	nd	0.11
		10	Mouth of Riv. Sumida (Minato Ward)	nd	0.11
	Yokohama City	11	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	nd	0.11
		12	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	0.11
	Kawasaki City	13	Mouth of Riv. Tama (Kawasaki City)	nd	0.11
		14	Front of Chidori Town, Keihin Canal, Port of Kawasaki	nd	0.11
	Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd	0.11
	Ishikawa Pref.	16	Mouth of Riv. Sai (Kanazawa City)	nd	0.11
	Nagano Pref.	17	Lake Suwa (center)	nd	0.11
	Shizuoka Pref.	18	Siosai-bashi Bridge, Riv. Kikukawa (Kakegawa City)	nd	0.11
	Aichi Pref.	19	Nikko-bashi Bridge, Riv. Nikko (Tsushima City)	nd	0.11
	Nagoya City	20	Hinode-bashi Bridge, Riv.Shin-hori (Nagoya City)	nd	0.11
		21	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	0.11
	Kyoto City	22	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd	0.11
	Osaka Pref.	23	Mouth of Riv. Yamato (Sakai City)	nd	0.11
	Osaka City	24	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.11
		25	Osaka Port	nd	0.11
	Nara Pref.	26	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	nd	0.11
	Okayama Pref.	27	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	nd	0.11
	Kagawa Pref.	28	Takamatsu Port	nd	0.11
	Fukuoka City	29	Hakata Bay	nd	0.11
	Oita Pref.	30	Mouth of Riv. Oita (Oita City)	nd	0.11

(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 Sample1	Reported detection limit
[8] 2-(2,4-Difluorophenyl)-1,3-bis(1*H*-1,2,4-triazol-1-yl)propan-2-ol (synonym: Fluconazole) Initial Environmental Survey/surface water (ng/L) Detection Frequency (site): 23/30 (Missing value: 0) Detection Frequency (sample): 23/30 (Missing value: 0) Detection range: nd ~ 66 Detection limit range: 0.75 ~ 0.90 Detection limit: 0.90 Requested detection limit: 250	Sapporo City	1	Nakanuma of Riv.Toyohira (Sapporo City)	0.90	0.75
		2	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	43	0.75
	Iwate Pref.	3	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	0.80
	Akita Pref.	4	Akita Canal (Akita City)	nd	0.75
	Yamagata Pref.	5	Goten-bashi Bridge, Riv. Mogami (Murayama City)	nd	0.90
	Tochigi Pref.	6	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	25	0.75
	Gunma Pref.	7	Furutone-bashi Bridge, Riv. Ishida (Ota City)	19	0.75
	Saitama Pref.	8	Shiki-ohasi Bridge, Riv. Yanase (Miyoshi Town)	28	0.75
	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	7.3	0.75
		10	Mouth of Riv. Sumida (Minato Ward)	7.1	0.75
	Yokohama City	11	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	41	0.75
		12	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	*0.88	0.75
	Kawasaki City	13	Mouth of Riv. Tama (Kawasaki City)	6.4	0.75
		14	Front of Chidori Town, Keihin Canal, Port of Kawasaki	1.4	0.75
	Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd	0.75
	Ishikawa Pref.	16	Mouth of Riv. Sai (Kanazawa City)	1.9	0.75
	Nagano Pref.	17	Lake Suwa (center)	nd	0.75
	Shizuoka Pref.	18	Siosai-bashi Bridge, Riv. Kikukawa (Kakegawa City)	nd	0.75
	Aichi Pref.	19	Nikko-bashi Bridge, Riv. Nikko (Tsushima City)	23	0.75
	Nagoya City	20	Hinode-bashi Bridge, Riv.Shin-hori (Nagoya City)	66	0.75
		21	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	17	0.75
	Kyoto City	22	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	32	0.75
	Osaka Pref.	23	Mouth of Riv. Yamato (Sakai City)	17	0.75
	Osaka City	24	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	7.4	0.75
		25	Osaka Port	10	0.75
	Nara Pref.	26	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	27	0.75
	Okayama Pref.	27	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	6.0	0.75
	Kagawa Pref.	28	Takamatsu Port	4.6	0.75
	Fukuoka City	29	Hakata Bay	2.6	0.75
	Oita Pref.	30	Mouth of Riv. Oita (Oita City)	4.3	0.75

(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 Sample1	Reported detection limit
[9] Ciprofloxacin	Sapporo City	1	Nakanuma of Riv.Toyohira (Sapporo City)	nd	0.28
Initial Environmental Survey/surface water (ng/L)		2	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	1.9	0.28
Detection Frequency (site): 6/32 (Missing value: 0)					
Detection Frequency (sample): 6/32 (Missing value: 0)	Akita Pref.	3	Akita Canal (Akita City)	nd	0.28
	Yamagata Pref.	4	Goten-bashi Bridge, Riv. Mogami (Murayama City)	nd	0.28
Detection range: nd ~ 3.8	Tochigi Pref.	5	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	0.86	0.27
Detection limit range: 0.27 ~ 0.74	Gunma Pref.	6	Furutone-bashi Bridge, Riv. Ishida (Ota City)	nd	0.28
Detection limit: 0.49	Saitama Pref.	7	Shiki-ohasi Bridge, Riv. Yanase (Miyoshi Town)	nd	0.28
Requested detection limit: 200	Chiba Pref.	8	Coast of Ichihara and Anegasaki	nd	0.28
	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	nd	0.28
		10	Mouth of Riv. Sumida (Minato Ward)	nd	0.28
	Yokohama City	11	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	1.4	0.28
		12	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	0.28
	Kawasaki City	13	Mouth of Riv. Tama (Kawasaki City)	nd	0.28
		14	Front of Chidori Town, Keihin Canal, Port of Kawasaki	nd	0.28
	Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd	0.28
	Ishikawa Pref.	16	Mouth of Riv. Sai (Kanazawa City)	nd	0.28
	Nagano Pref.	17	Lake Suwa (center)	nd	0.28
	Shizuoka Pref.	18	Siosai-bashi Bridge, Riv. Kikukawa (Kakegawa City)	nd	0.28
	Aichi Pref.	19	Nikko-bashi Bridge, Riv. Nikko (Tsushima City)	nd	0.28
	Nagoya City	20	Hinode-bashi Bridge, Riv.Shin-hori (Nagoya City)	3.8	0.28
		21	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	0.28
	Kyoto City	22	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd	0.28
	Osaka Pref.	23	Mouth of Riv. Yamato (Sakai City)	0.61	0.28
	Osaka City	24	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.28
		25	Osaka Port	nd	0.28
	Nara Pref.	26	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	2.4	0.74
	Okayama Pref.	27	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	nd	0.28
	Kagawa Pref.	28	Takamatsu Port	nd	0.28
	Fukuoka Pref.	29	Kabura-bashi Bridge, Riv. Raizan (Itoshima City)	nd	0.49
		30	Offshore of Omuta	nd	0.49
	Fukuoka City	31	Hakata Bay	nd	0.40
	Oita Pref.	32	Mouth of Riv. Oita (Oita City)	nd	0.28

(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 Sample1	Reported detection limit
[10] Trichloroacetic acid Initial Environmental Survey/surface water (ng/L) Detection Frequency (site): 28/38 (Missing value: 0) Detection Frequency (sample): 28/38 (Missing value: 0) Detection range: nd ~ 5,200 Detection limit range: 29 ~ 31 Detection limit: 31 Requested detection limit: 100	Hokkaido	1	Inou-ohashi Bridge, Riv. Ishikari (Asahikawa City)	nd	29
	Sapporo City	2	Nakanuma of Riv.Toyohira (Sapporo City)	87	29
		3	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	1,900	29
	Iwate Pref.	4	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	29
	Miyagi Pref.	5	Futatsuya-bashi Bridge, Riv. Hasama (Tome City)	44	29
		6	Sakura-hodoukyou Bridge, Riv.Shiroishi (Shibata Town)	nd	29
	Akita Pref.	7	Akita Canal (Akita City)	nd	29
	Fukushima Pref.	8	Onahama Port	nd	29
	Gunma Pref.	9	Furutone-bashi Bridge, Riv. Ishida (Ota City)	980	29
	Saitama Pref.	10	Kachi-hashi Bridge, Riv. Ichino (Yoshimi Town)	750	29
		11	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	68	29
		12	Shiki-ohasi Bridge, Riv. Yanase (Miyoshi Town)	450	29
	Chiba Pref.	13	Coast of Ichihara and Anegasaki	180	29
	Tokyo Met.	14	Mouth of Riv. Arakawa (Koto Ward)	430	29
		15	Mouth of Riv. Sumida (Minato Ward)	300	29
	Yokohama City	16	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	580	29
		17	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	230	29
	Kawasaki City	18	Front of Chidori Town, Keihin Canal, Port of Kawasaki	220	29
	Toyama Pref.	19	Ishida-bashi Bridge, Riv. Kurose (Kurobe City)	nd	29
	Aichi Pref.	20	West of Shiomi Wharf, Nagoya Port	180	29
		21	Nikko-bashi Bridge, Riv. Nikko (Tsushima City)	910	29
	Nagoya City	22	Hinode-bashi Bridge, Riv.Shin-hori (Nagoya City)	5,200	29
		23	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	1,100	29
		24	Tenpaku-bashi Bridge, Riv. Tenpaku (Nagoya City)	350	29
	Mie Pref.	25	Yokkaichi Port	860	29
	Kyoto City	26	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	800	29
	Osaka City	27	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	340	29
		28	Osaka Port	860	29
	Hyogo Pref.	29	Koubu-bashi Bridge, Riv. Mukogawa (Nishinomiya City)	420	31
		30	Offshore of Nishinomiya City, Osaka Bay	420	31
	Wakayama Pref.	31	Offshore of Riv. Kinokawa, Wakayama Sea area	44	29
	Okayama Pref.	32	Sasagase-bashi Bridge, Riv. Sasagase (Okayama City)	170	31
		33	Offshore of Mizushima	nd	31
	Tokushima Pref.	34	Shinmachi-bashi Bridge, Riv. Shinmachi (Tokushima City)	89	29
	Kagawa Pref.	35	Takamatsu Port	49	29
	Fukuoka City	36	Hakata Bay	*30	29
	Oita Pref.	37	Mouth of Riv. Oita (Oita City)	nd	29
	Okinawa Pref.	38	Naha Port	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 (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 Sample1	Reported detection limit
[11] Hexamethylenediamine Initial Environmental Survey/surface water (ng/L) Detection Frequency (site): 7/30 (Missing value: 0) Detection Frequency (sample): 7/30 (Missing value: 0) Detection range: nd ~ 220,000 Detection limit range: 6.4 Detection limit: 6.4 Requested detection limit: 7.3	Iwate Pref.	1	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	nd	6.4
	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd	6.4
	Akita Pref.	3	Akita Canal (Akita City)	nd	6.4
	Ibaraki Pref.	4	Tonekamome-ohasi Bridge, Mouth of Riv. Tone (Kamisu City)	nd	6.4
	Tochigi Pref.	5	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	nd	6.4
	Saitama City	6	Nakadote-hashi Bridge, Riv. Kamo (Saitama City)	58	6.4
	Chiba Pref.	7	Coast of Ichihara and Anegasaki	6.4	6.4
	Tokyo Met.	8	Mouth of Riv. Arakawa (Koto Ward)	120	6.4
		9	Mouth of Riv. Sumida (Minato Ward)	nd	6.4
	Yokohama City	10	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	nd	6.4
		11	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	6.4
	Kawasaki City	12	Mouth of Riv. Tama (Kawasaki City)	nd	6.4
		13	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	6.4
	Niigata Pref.	14	Lower Riv. Shinano (Niigata City)	nd	6.4
	Ishikawa Pref.	15	Mouth of Riv. Sai (Kanazawa City)	nd	6.4
	Aichi Pref.	16	West of Shiomi Wharf, Nagoya Port	nd	6.4
		17	Nikko-bashi Bridge, Riv. Nikko (Tsushima City)	nd	6.4
	Mie Pref.	18	Yokkaichi Port	nd	6.4
	Shiga Pref.	19	Lake Biwa (center, offshore of Minamihira)	17	6.4
		20	Lake Biwa (center, offshore of Karasaki)	68	6.4
	Kyoto City	21	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd	6.4
	Osaka Pref.	22	Mouth of Riv. Yamato (Sakai City)	nd	6.4
	Osaka City	23	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	6.4
		24	Osaka Port	nd	6.4
	Wakayama Pref.	25	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa (Wakayama City)	nd	6.4
	Yamaguchi Pref.	26	Tokuyama Bay	nd	6.4
	Ehime Pref.	27	Niihama Port	nd	6.4
	Kitakyushu City	28	Dokai Bay	nd	6.4
	Oita Pref.	29	Mouth of Riv. Oita (Oita City)	41	6.4
	Miyazaki Pref.	30	Naka Bridge, Riv. Hama (Nobeoka City)	220,000	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 Sample1	Reported detection limit
[12] Benzophenone Initial Environmental Survey/surface water (ng/L) Detection Frequency (site): 17/34 (Missing value: 2) Detection Frequency (sample): 17/34 (Missing value: 2) Detection range: nd ~ 9,500 Detection limit range: 1.1 ~ 4.0 Detection limit: 4.0 Requested detection limit: 1.9	Sapporo City	1	Nakanuma of Riv.Toyohira (Sapporo City)	nd	4.0
		2	Daiichishinkawa-bashi Bridge, Riv. Shin (Sapporo City)	29	4.0
	Sendai City	3	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd	4.0
	Akita Pref.	4	Akita Canal (Akita City)	nd	4.0
	Tochigi Pref.	5	Yajikka-bashi Bridge, Riv. Tagawa (Shimono City)	18	4.0
	Gunma Pref.	6	Furutone-bashi Bridge, Riv. Ishida (Ota City)	16	4.0
	Saitama Pref.	7	Shiki-ohasi Bridge, Riv. Yanase (Miyoshi Town)	26	4.0
	Chiba Pref.	8	Coast of Ichihara and Anegasaki	nd	4.0
	Tokyo Met.	9	Mouth of Riv. Arakawa (Koto Ward)	9.1	4.0
		10	Mouth of Riv. Sumida (Minato Ward)	5.1	4.0
	Yokohama City	11	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	28	4.0
		12	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	4.0
	Kawasaki City	13	Mouth of Riv. Tama (Kawasaki City)	4.3	4.0
		14	Front of Chidori Town, Keihin Canal, Port of Kawasaki	4.3	4.0
	Niigata Pref.	15	Lower Riv. Shinano (Niigata City)	nd	1.9
	Ishikawa Pref.	16	Mouth of Riv. Sai (Kanazawa City)	*3.4	1.9
	Shizuoka Pref.	17	Siosai-bashi Bridge, Riv. Kikukawa (Kakegawa City)	nd	4.0
	Aichi Pref.	18	West of Shiomi Wharf, Nagoya Port	59	1.9
		19	Nikko-bashi Bridge, Riv. Nikko (Tsushima City)	14	1.9
	Nagoya City	20	Hinode-bashi Bridge, Riv.Shin-hori (Nagoya City)	9,500	4.0
		21	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	28	4.0
	Mie Pref.	22	Yokkaichi Port	nd	4.0
	Kyoto City	23	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	7.5	4.0
	Osaka Pref.	24	Mouth of Riv. Yamato (Sakai City)	4.5	4.0
	Osaka City	25	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	4.0
		26	Osaka Port	11	4.0
	Kobe City	27	Kobe Port (center)	nd	4.0
	Nara Pref.	28	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	11	4.0
	Yamaguchi Pref.	29	Tokuyama Bay	nd	4.0
	Kagawa Pref.	30	Takamatsu Port	---	---
	Fukuoka Pref.	31	Kabura-bashi Bridge, Riv. Raizan (Itoshima City)	*1.2	1.1
		32	Offshore of Omuta	nd	1.1
	Kitakyushu City	33	Dokai Bay	nd	4.0
	Fukuoka City	34	Hakata Bay	nd	4.0
	Saga Pref.	35	Imari Bay	---	---
	Oita Pref.	36	Mouth of Riv. Oita (Oita City)	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
(Note 4) --- : Missing value
(Note 5) * : Reference value (The values are less than the detection limit set uniformly for each substance. However, they are detected at reported detection limits that depend on the accuracy of the survey at each location. They are treated as not detected in the 'Detection Frequency' and 'Detection range'.)

Target chemicals	Local communities	No	Monitored sites	Measured value Sample1	Reported detection limit
[13] Methylcyclohexane	Sendai City	1	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd	1.8
Initial Environmental Survey/surface water (ng/L)	Akita Pref.	2	Akita Canal (Akita City)	nd	1.8
Detection Frequency (site): 1/26 (Missing value: 0)	Saitama Pref.	3	Akigaseshusuizeki of Riv. Arakawa (Shiki City)	nd	1.8
Detection Frequency (sample): 1/26 (Missing value: 0)	Chiba Pref.	4	Coast of Ichihara and Anegasaki	nd	1.8
Detection range: nd ~ 26	Tokyo Met.	5	Mouth of Riv. Arakawa (Koto Ward)	nd	1.8
Detection limit range: 0.43 ~ 1.8		6	Mouth of Riv. Sumida (Minato Ward)	nd	1.8
Detection limit: 1.8	Yokohama City	7	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	nd	1.8
Requested detection limit: 20		8	Yokohama Port	nd	1.8
		9	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	1.8
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	0.43
		11	Front of Chidori Town, Keihin Canal, Port of Kawasaki	nd	0.43
		12	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	0.43
	Niigata Pref.	13	Lower Riv. Shinano (Niigata City)	*0.49	0.43
	Aichi Pref.	14	West of Shiomi Wharf, Nagoya Port	nd	1.8
	Mie Pref.	15	Yokkaichi Port	26	1.8
	Shiga Pref.	16	Lake Biwa (center, offshore of Minamihira)	nd	1.8
		17	Lake Biwa (center, offshore of Karasaki)	nd	1.8
	Kyoto City	18	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd	1.8
	Osaka Pref.	19	Mouth of Riv. Yamato (Sakai City)	nd	1.8
	Kobe City	20	Kobe Port (center)	nd	1.8
	Okayama Pref.	21	Offshore of Mizushima	nd	1.8
	Yamaguchi Pref.	22	Tokuyama Bay	nd	1.8
	Kagawa Pref.	23	Takamatsu Port	nd	1.8
	Ehime Pref.	24	Niihama Port	nd	1.8
	Kitakyushu City	25	Dokai Bay	nd	1.8
	Oita Pref.	26	Mouth of Riv. Oita (Oita City)	nd	1.8
[14] Methyl *tert*-butyl ether	Sendai City	1	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	nd	3.5
Initial Environmental Survey/surface water (ng/L)	Akita Pref.	2	Akita Canal (Akita City)	nd	3.5
Detection Frequency (site): 1/31 (Missing value: 0)	Gunma Pref.	3	Nakajima-bashi Bridge, Riv. Hirose (Isesaki City)	nd	3.5
Detection Frequency (sample): 1/31 (Missing value: 0)	Chiba Pref.	4	Coast of Ichihara and Anegasaki	nd	3.5
Detection range: nd ~ 7.5	Tokyo Met.	5	Mouth of Riv. Arakawa (Koto Ward)	nd	3.5
Detection limit range: 2.7 ~ 3.5		6	Mouth of Riv. Sumida (Minato Ward)	nd	3.5
Detection limit: 3.5	Yokohama City	7	Kamenoko-bashi Bridge, Riv.Tsurumi (Yokohama City)	nd	3.5
Requested detection limit: 6		8	Yokohama Port	nd	3.5
		9	Yoshikura-bashi Bridge, Riv.Kashio (Yokohama City)	nd	3.5
	Kawasaki City	10	Mouth of Riv. Tama (Kawasaki City)	nd	3.5
		11	Front of Ougi Town, Keihin Canal, Port of Kawasaki	nd	3.5
	Niigata Pref.	12	Lower Riv. Shinano (Niigata City)	nd	2.7
	Aichi Pref.	13	West of Shiomi Wharf, Nagoya Port	nd	3.5
	Nagoya City	14	Tenpaku-bashi Bridge, Riv. Tenpaku (Nagoya City)	nd	3.5
	Mie Pref.	15	Yokkaichi Port	nd	3.5
	Kyoto Pref.	16	Miyazu Port	nd	3.5
	Kyoto City	17	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd	3.5
	Osaka Pref.	18	Mouth of Riv. Yamato (Sakai City)	nd	3.5
	Osaka City	19	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	3.5
		20	Osaka Port	nd	3.5
	Hyogo Pref.	21	Koubu-bashi Bridge, Riv. Mukogawa (Nishinomiya City)	nd	3.5
	Kobe City	22	Kobe Port (center)	nd	3.5
	Wakayama Pref.	23	Offshore of Riv. Kinokawa, Wakayama Sea area	nd	3.5
		24	Aizu-bashi Bridge, Riv. Hidariaizu (Tanabe City)	nd	3.5
	Okayama Pref.	25	Offshore of Mizushima	7.5	3.5
	Yamaguchi Pref.	26	Tokuyama Bay	nd	3.5
	Tokushima Pref.	27	Shinmachi-bashi Bridge, Riv. Shinmachi (Tokushima City)	nd	3.5
	Kagawa Pref.	28	Takamatsu Port	nd	3.5
	Ehime Pref.	29	Niihama Port	nd	3.5
	Kitakyushu City	30	Dokai Bay	nd	3.5
	Oita Pref.	31	Mouth of Riv. Oita (Oita City)	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 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	
[2] 2,4-Xylenol Initial Environmental Survey/sediment (ng/g-dry) Detection Frequency (site): 26/26 (Missing value: 0) Detection Frequency (sample): 73/78 (Missing value: 0) Detection range: nd ~ 7.6 Detection limit range: 0.014 ~ 0.042 Detection limit: 0.022 Requested detection limit: 0.025	Iwate Pref.	1	Toyosawa-bashi Bridge, Riv. Toyosawa (Hanamaki City)	0.094	0.051	0.055	0.018
	Sendai City	2	Hirose-ohashi Bridge, Riv. Hirose (Sendai City)	0.073	0.21	0.17	0.019
	Akita Pref.	3	Akita Canal (Akita City)	0.19	0.29	0.22	0.019
	Chiba Pref.	4	Coast of Ichihara and Anegasaki	0.33	0.21	0.33	0.014
	Tokyo Met.	5	Mouth of Riv. Arakawa (Koto Ward)	0.84	0.71	0.64	0.020
		6	Mouth of Riv. Sumida (Minato Ward)	4.7	2.5	4.0	0.021
	Kawasaki City	7	Mouth of Riv. Tama (Kawasaki City)	0.058	0.61	0.055	0.019
		8	Front of Ougi Town, Keihin Canal, Port of Kawasaki	1.9	3.8	2.4	0.019
	Niigata Pref.	9	Lower Riv. Shinano (Niigata City)	0.11	nd	0.069	0.019
	Nagano Pref.	10	Lake Suwa (center)	0.19	0.19	0.24	0.020
	Aichi Pref.	11	West of Shiomi Wharf, Nagoya Port	1.0	1.1	1.2	0.021
	Mie Pref.	12	Yokkaichi Port	0.36	0.43	0.42	0.041
	Shiga Pref.	13	Lake Biwa (center, offshore of Minamihira)	0.073	0.11	0.090	0.016
		14	Lake Biwa (center, offshore of Karasaki)	0.085	0.044	0.065	0.016
	Kyoto City	15	Miyamae-bashi Bridge, Riv. Katsura (Kyoto City)	nd	0.032	0.036	0.022
	Osaka Pref.	16	Mouth of Riv. Yamato (Sakai City)	0.030	*0.018	0.040	0.015
	Osaka City	17	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	1.6	0.43	0.57	0.016
		18	Osaka Port	1.7	2.5	1.7	0.020
	Kobe City	19	Kobe Port (center)	1.7	3.4	1.3	0.041
	Nara Pref.	20	Taisho-bashi Bridge, Riv. Yamato (Oji Town)	0.11	0.027	nd	0.021
	Okayama Pref.	21	Offshore of Mizushima	0.15	0.14	0.14	0.021
	Yamaguchi Pref.	22	Tokuyama Bay	0.098	0.16	0.075	0.020
	Kagawa Pref.	23	Takamatsu Port	0.64	0.56	0.39	0.020
	Kitakyushu City	24	Dokai Bay	5.5	7.6	5.0	0.019
	Saga Pref.	25	Imari Bay	1.4	1.4	1.4	0.042
	Oita Pref.	26	Mouth of Riv. Oita (Oita City)	0.029	0.057	nd	0.019

(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	
[2] 2,4-Xylenol Initial Environmental Survey/air (ng/m^3) Detection Frequency (site): 14/14 (Missing value: 2) Detection Frequency (sample): 34/34 (Missing value: 14) Detection range: 0.26 ~ 350 Detection limit range: 0.16 ~ 0.21 Detection limit: 0.16 Requested detection limit: 0.21	Sendai City	1	Tsutsujigaoka Park (Sendai City)	0.33	0.53	0.85	0.21
	Saitama Pref.	2	Center for Environmental Science in Saitama (Kazo City)	3.1	2.3	1.7	0.16
	Saitama City	3	Saitama City Public Health Center (Saitama City)	1.3	1.6	---	0.16
	Tokyo Met.	4	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	1.0	1.6	---	0.16
		5	Chichijima Island (Ogasawara Village)	0.42	0.26	0.28	0.16
	Kanagawa Pref.	6	Kanagawa Environmental Research Center (Hiratsuka City)	2.9	3.8	2.2	0.16
	Kawasaki City	7	Daishi Air Quality Monitoring Station (Kawasaki City)	---	---	---	---
	Nagano Pref.	8	Nagano Environmental Conservation Research Institute (Nagano City)	1.2	1.8	9.2	0.16
	Nagoya City	9	Chikusa Ward Heiwa Park (Nagoya City)	1.3	2.4	1.7	0.16
	Mie Pref.	10	Yokkaichi City Kusu Fureai Center (Yokkaichi City)	22	350	120	0.16
	Kyoto Pref.	11	Uji Prefectural Government Building(Uji City)	4.2	---	---	0.16
	Kyoto City	12	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	---	---	---	---
	Osaka Pref.	13	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	1.3	---	4.4	0.16
	Yamaguchi Pref.	14	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	0.55	---	---	0.16
	Tokushima Pref.	15	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	---	0.63	0.62	0.16
	Saga Pref.	16	Saga Prefectural Environmental Research Center (Saga City)	1.1	1.7	0.98	0.16
[3] p-Chlorophenol Initial Environmental Survey/air (ng/m^3) Detection Frequency (site): 0/15 (Missing value: 0) Detection Frequency (sample): 0/45 (Missing value: 0) Detection range: nd Detection limit range: 3.3 ~ 14 Detection limit: 14 Requested detection limit: 15	Sendai City	1	Tsutsujigaoka Park (Sendai City)	nd	nd	nd	3.4
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	nd	nd	nd	3.4
	Saitama City	3	Saitama City Public Health Center (Saitama City)	nd	nd	nd	3.4
	Tokyo Met.	4	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	nd	nd	nd	3.4
		5	Chichijima Island (Ogasawara Village)	nd	nd	nd	3.4
	Kanagawa Pref.	6	Kanagawa Environmental Research Center (Hiratsuka City)	nd	nd	nd	3.4
	Kawasaki City	7	Daishi Air Quality Monitoring Station (Kawasaki City)	nd	nd	nd	3.3
	Ishikawa Pref.	8	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	nd	nd	nd	3.4
	Nagano Pref.	9	Nagano Environmental Conservation Research Institute (Nagano City)	nd	nd	nd	3.4
	Nagoya City	10	Chikusa Ward Heiwa Park (Nagoya City)	nd	nd	nd	3.4
	Kyoto Pref.	11	Uji Prefectural Government Building(Uji City)	nd	nd	nd	14
	Kyoto City	12	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	nd	nd	nd	3.4
	Osaka Pref.	13	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	nd	nd	nd	3.4
	Tokushima Pref.	14	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	nd	nd	nd	3.4
	Saga Pref.	15	Saga Prefectural Environmental Research Center (Saga City)	nd	nd	nd	3.4

(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) --- : Missing value
(Note 5) * : Reference value (The values are less than the detection limit set uniformly for each substance. However, they are detected at reported detection limits that depend on the accuracy of the survey at each location. They are treated as not detected in the 'Detection Frequency' and 'Detection range'.)

Target chemicals	Local communities	No	Monitored sites	Measured value			Reported detection limit
				Sample1	Sample2	Sample3	
[11] Hexamethylenediamine Initial Environmental Survey/air (ng/m^3) Detection Frequency (site): 1/19 (Missing value: 1) Detection Frequency (sample): 2/57 (Missing value: 3) Detection range: nd ~ 14 Detection limit range: 0.11 ~ 1.2 Detection limit: 1.2 Requested detection limit: 1.2	Sendai City	1	Tsutsujigaoka Park (Sendai City)	nd	nd	nd	0.11
	Ibaraki Pref.	2	Ibaraki Kasumigaura Environmental Science Center (Tsuchiura City)	nd	nd	nd	0.11
	Saitama Pref.	3	Center for Environmental Science in Saitama (Kazo City)	nd	nd	nd	0.11
	Tokyo Met.	4	Tokyo Metropolitan Research Institute for Environmental Protection (Koto Ward)	nd	nd	nd	0.11
		5	Chichijima Island (Ogasawara Village)	nd	nd	nd	0.11
	Kanagawa Pref.	6	Kanagawa Environmental Research Center (Hiratsuka City)	nd	nd	nd	0.11
	Kawasaki City	7	Daishi Air Quality Monitoring Station (Kawasaki City)	nd	nd	nd	0.11
	Ishikawa Pref.	8	Ishikawa Prefectural Institute of Public Health and Environmental Science (Kanazawa City)	nd	nd	nd	0.11
	Nagano Pref.	9	Nagano Environmental Conservation Research Institute (Nagano City)	nd	nd	nd	0.11
	Nagoya City	10	Chikusa Ward Heiwa Park (Nagoya City)	---	---	---	---
	Shiga Pref.	11	Hikone Air Quality Monitoring Station (Hikone City)	nd	nd	nd	0.11
	Kyoto Pref.	12	Uji Prefectural Government Building(Uji City)	nd	nd	nd	0.11
	Kyoto City	13	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	nd	nd	nd	0.11
	Osaka Pref.	14	Osaka Joint Prefectural Government Building, Building 2 Annex (Osaka City)	*0.53	nd	*0.22	0.11
	Wakayama Pref.	15	Wakayama Prefectural Research Center of Environment and Public Health (Wakayama City)	nd	nd	nd	1.2
	Hiroshima Pref.	16	Otake-Yumi Park (Otake City)	nd	nd	*0.51	0.11
	Yamaguchi Pref.	17	Yamaguchi Prefectural Institute of Public Health and Environment (Yamaguchi City)	nd	nd	nd	0.11
	Tokushima Pref.	18	Tokushima Prefectural Public Health, Pharmaceutical and Environmental Sciences Center (Tokushima City)	nd	nd	nd	0.11
	Saga Pref.	19	Saga Prefectural Environmental Research Center (Saga City)	nd	nd	nd	0.11
	Miyazaki Prif.	20	Sin-nobeoka Miyanomae Children's Park Air Quality Monitoring Station (Nobeoka City)	*0.53	10	14	0.11

(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
(Note 4) --- : Missing value
(Note 5) * : Reference value (The values are less than the detection limit set uniformly for each substance. However, they are detected at reported detection limits that depend on the accuracy of the survey at each location. They are treated as not detected in the 'Detection Frequency' and 'Detection range'.)