

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported Detection limit
				Sample l	
[1] 2,3-Epoxy-1-propanol Initial Environmental Survey/surface water (ng/L) Detection Frequency (site) :0/16(Missing value :1) Detection Frequency (sample) :0/16(Missing value :1) Detection range :nd Detection limit range :31 Detection limit :31 Requested Detection limit :6,700	Hokkaido	1	Tomakomai Port	---	---
	Akita Pref.	2	Akita Canal(Akita City)	nd	31
	Ibaraki Pref.	3	Tonekamome-ohasi Bridge, Mouth of Riv. Tone(Kamisu City)	nd	31
	Chiba Pref.	4	Coast of Ichihara and Anegasaki	nd	31
	Tokyo Met.	5	Mouth of Riv. Arakawa(Koto Ward)	nd	31
		6	Mouth of Riv. Sumida(Minato Ward)	nd	31
	Yokohama City	7	Yokohama Port	nd	31
		8	Kamenoko-bashi Bridge, Riv.Tsurumi(Yokohama City)	nd	31
	Niigata Pref.	9	Lower Riv. Shinano(Niigata City)	nd	31
	Aichi Pref.	10	Nagoya Port , West of Shiomi Wharf	nd	31
	Nagoya City	11	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	31
	Osaka Pref.	12	Mouth of Riv. Yamato(Sakai City)	nd	31
	Hyogo Pref.	13	Offshore of Himeji	nd	31
	Okayama Pref.	14	Offshore of Mizushima	nd	31
	Yamaguchi Pref.	15	Tokuyama Bay	nd	31
	Kitakyushu City	16	Dokai Bay	nd	31
	Fukuoka City	17	Hakata Bay	nd	31
[2] Glutaraldehyde Initial Environmental Survey/surface water (ng/L) Detection Frequency (site) :0/19(Missing value :0) Detection Frequency (sample) :0/19(Missing value :0) Detection range :nd Detection limit range :50~ 60 Detection limit :60 Requested Detection limit :2,200	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari(Ishikari City)	nd	50
	Akita Pref.	2	Akita Canal(Akita City)	nd	50
	Yamagata Pref.	3	Mouth of Riv. Mogami(Sakata City)	nd	50
	Saitama Pref.	4	Akigaseshusuizeki of Riv. Arakawa(Shiki City)	nd	50
	Saitama City	5	Nakadote-hashi Bridge, Riv. Kamo(Saitama City)	nd	50
	Tokyo Met.	6	Mouth of Riv. Arakawa(Koto Ward)	nd	50
		7	Mouth of Riv. Sumida(Minato Ward)	nd	50
	Yokohama City	8	Yokohama Port	nd	50
		9	Kamenoko-bashi Bridge, Riv.Tsurumi(Yokohama City)	nd	50
	Kawasaki City	10	Keihin Canal, Port of Kawasaki,The Coast of Chidori Town	nd	50
	Ishikawa Pref.	11	Mouth of Riv. Sai(Kanazawa City)	nd	50
	Nagano Pref.	12	Lake Suwa(center)	nd	60
		13	Tategahana-bashi Bridge, Riv. Shinano(Nakano City)	nd	60
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	50
	Kyoto Pref.	15	Miyazu Port	nd	60
	Osaka City	16	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	50
		17	Osaka Port	nd	50
	Okayama Pref.	18	Sasagase-bashi Bridge, Riv. Sasagase(Okayama City)	nd	50
	Fukuoka City	19	Hakata Bay	nd	50
[3] 2-Methoxyethyl acetate (synonym: Ethylene glycol monomethyl ether acetate) Initial Environmental Survey/surface water (ng/L) Detection Frequency (site) :0/18(Missing value :0) Detection Frequency (sample) :0/18(Missing value :0) Detection range :nd Detection limit range :250~ 1,400 Detection limit :1,400 Requested Detection limit :525,000	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari(Ishikari City)	nd	1,400
		2	Suzuran-ohashi Bridge, Riv. Tokachi(Obihiro City)	nd	1,400
		3	Onnenai-ohashi Bridge, Riv. Teshio(Bifuka Town)	nd	1,400
	Akita Pref.	4	Akita Canal(Akita City)	nd	250
	Saitama Pref.	5	Akigaseshusuizeki of Riv. Arakawa(Shiki City)	nd	250
	Tokyo Met.	6	Mouth of Riv. Arakawa(Koto Ward)	nd	250
		7	Mouth of Riv. Sumida(Minato Ward)	nd	250
	Yokohama City	8	Yokohama Port	nd	250
		9	Kamenoko-bashi Bridge, Riv.Tsurumi(Yokohama City)	nd	250
	Niigata Pref.	10	Nakagawashindo-bashi Bridge,Riv. Shibue(Myoko City)	nd	1,400
	Ishikawa Pref.	11	Mouth of Riv. Sai(Kanazawa City)	nd	1,400
	Mie Pref.	12	Yokkaichi Port	nd	1,400
	Osaka Pref.	13	Mouth of Riv. Yamato(Sakai City)	nd	250
	Hyogo Pref.	14	Offshore of Himeji	nd	810
	Okayama Pref.	15	Offshore of Mizushima	nd	250
	Fukuoka Pref.	16	Offshore of Omuta	nd	1,400
		17	Kabura-bashi Bridge, Riv Raizan(Itoshima City)	nd	1,400
	Kitakyushu City	18	Dokai Bay	nd	1,400

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

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

(Note 2) --- : Missing value

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

(Note 4) nd : Not detected

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported Detection limit		
				Sample l			
[4] 2,4-Dichloro-1-nitrobenzene Initial Environmental Survey/surface water (ng/L) Detection Frequency (site) :0/21(Missing value :0) Detection Frequency (sample) :0/21(Missing value :0) Detection range :nd Detection limit range :4.2~ 22 Detection limit :22 Requested Detection limit :25	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari(Ishikari City)	nd	5.8		
		2	Suzuran-ohashi Bridge, Riv. Tokachi(Obihiro City)	nd	5.8		
			3	Onnenai-ohashi Bridge, Riv. Teshio(Bifuka Town)	nd	5.8	
			4	Hirose-ohashi Bridge, Riv. Hirose(Sendai City)	nd	4.2	
		Sendai City	4	Hirose-ohashi Bridge, Riv. Hirose(Sendai City)	nd	4.2	
		Akita Pref.	5	Akita Canal(Akita City)	nd	4.2	
		Chiba Pref.	6	Asai-bashi Bridge, Riv. Yourou(Ichihara City)	nd	4.2	
		Tokyo Met.	7	Mouth of Riv. Arakawa(Koto Ward)	nd	4.2	
				8	Mouth of Riv. Sumida(Minato Ward)	nd	4.2
				9	Yokohama Port	nd	4.2
		Ishikawa Pref.	10	Mouth of Riv. Sai(Kanazawa City)	nd	22	
		Aichi Pref.	11	Nagoya Port , West of Shiomi Wharf	nd	4.2	
		Shiga Pref.	12	Lake Biwa(center, offshore of Minamihira)	nd	4.4	
				13	Lake Biwa(center, offshore of Karasaki)	nd	4.4
				14	Osaka Port	nd	4.2
		Osaka City	14	Osaka Port	nd	4.2	
		Yamaguchi Pref.	15	Tokuyama Bay	nd	5.8	
				16	Offshore of Hagi	nd	5.8
				17	Takamatsu Port	nd	4.2
		Kagawa Pref.	17	Takamatsu Port	nd	4.2	
		Fukuoka Pref.	18	Offshore of Omuta	nd	17	
			19	Kabura-bashi Bridge, Riv Raizan(Itoshima City)	nd	17	
			20	Dokai Bay	nd	5.8	
Kitakyushu City	20	Dokai Bay	nd	5.8			
Kumamoto Pref.	21	Hiraki-bashi Bridge, Riv. Midori(Uto City)	nd	4.2			
[5] N,N- Dicyclohexylamine Initial Environmental Survey/surface water (ng/L) Detection Frequency (site) :3/19(Missing value :0) Detection Frequency (sample) :3/19(Missing value :0) Detection range :nd~ 37 Detection limit range :3.1~ 17 Detection limit :17 Requested Detection limit :32	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari(Ishikari City)	*5.4	3.1		
		Akita Pref.	2	Akita Canal(Akita City)	nd	3.1	
			3	Tagawa Kyubun Area Head Works(Utsunomiya City)	nd	3.1	
			4	Asai-bashi Bridge, Riv. Yourou(Ichihara City)	28	3.1	
		Chiba Pref.	4	Asai-bashi Bridge, Riv. Yourou(Ichihara City)	28	3.1	
		Tokyo Met.	5	Mouth of Riv. Arakawa(Koto Ward)	nd	3.1	
				6	Mouth of Riv. Sumida(Minato Ward)	nd	3.1
				7	Yokohama Port	37	3.1
				8	Kamenoko-bashi Bridge, Riv. Tsurumi(Yokohama City)	nd	3.1
				9	Keihin Canal, Port of Kawasaki, The Coast of Chidori Town	nd	3.1
		Kawasaki City	9	Keihin Canal, Port of Kawasaki, The Coast of Chidori Town	nd	3.1	
		Toyama Pref.	10	Ishida-bashi Bridge, Riv. Kurose(Kurobe City)	nd	3.1	
		Aichi Pref.	11	Nagoya Port , West of Shiomi Wharf	nd	3.1	
		Mie Pref.	12	Yokkaichi Port	25	3.1	
		Osaka Pref.	13	Mouth of Riv. Yamato(Sakai City)	nd	3.1	
		Kobe City	14	Kobe Port(center)	nd	17	
		Wakayama Pref.	15	Wakayamashimotsu Port, North Port Area	*12	3.1	
		Okayama Pref.	16	Sasagase-bashi Bridge, Riv. Sasagase(Okayama City)	nd	3.1	
		Yamaguchi Pref.	17	Tokuyama Bay	*6.6	3.1	
Tokushima Pref.		18	Shinmachi-bashi Bridge, Riv. Shinmachi(Tokushima City)	*4.3	3.1		
Oita Pref.		19	Mouth of Riv. Oita(Oita City)	*4.1	3.1		
[6] 2,4-Dinitroaniline Initial Environmental Survey/surface water (ng/L) Detection Frequency (site) :0/21(Missing value :2) Detection Frequency (sample) :0/21(Missing value :2) Detection range :nd Detection limit range :4.7~ 150 Detection limit :150 Requested Detection limit :960	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari(Ishikari City)	nd	7.2		
		2	Suzuran-ohashi Bridge, Riv. Tokachi(Obihiro City)	nd	7.2		
		3	Onnenai-ohashi Bridge, Riv. Teshio(Bifuka Town)	nd	7.2		
		4	Tomakomai Port	nd	7.2		
		5	Muroran Port	nd	7.2		
	Miyagi Pref.	6	Futatsuya-bashi Bridge, Riv. Hasama(Tome City)	nd	4.7		
		7	Sakura-hodoukyou Bridge, Riv. Shiroishi(Shibata Town)	nd	4.7		
	Akita Pref.	8	Akita Canal(Akita City)	nd	4.7		
		9	Asai-bashi Bridge, Riv. Yourou(Ichihara City)	nd	4.7		
	Chiba Pref.	9	Asai-bashi Bridge, Riv. Yourou(Ichihara City)	nd	4.7		
		10	Mouth of Riv. Arakawa(Koto Ward)	nd	4.7		
	Tokyo Met.	10	Mouth of Riv. Arakawa(Koto Ward)	nd	4.7		
		11	Mouth of Riv. Sumida(Minato Ward)	nd	4.7		
	Yokohama City	12	Yokohama Port	---	---		
		13	Kamenoko-bashi Bridge, Riv. Tsurumi(Yokohama City)	---	---		
	Ishikawa Pref.	14	Mouth of Riv. Sai(Kanazawa City)	nd	150		
	Aichi Pref.	15	Nagoya Port , West of Shiomi Wharf	nd	4.7		
	Osaka Pref.	16	Mouth of Riv. Yamato(Sakai City)	nd	4.7		
	Kobe City	17	Kobe Port(center)	nd	4.7		
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa(Wakayama City)	nd	7.2		
	Yamaguchi Pref.	19	Tokuyama Bay	nd	7.2		
		20	Offshore of Hagi	nd	7.2		
	Fukuoka Pref.	21	Offshore of Omuta	nd	39		
Fukuoka Pref.	21	Offshore of Omuta	nd	39			
	22	Kabura-bashi Bridge, Riv Raizan(Itoshima City)	nd	39			
Kitakyushu City	23	Dokai Bay	nd	7.2			

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

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

(Note 2) --- : Missing value

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

(Note 4) nd : Not detected

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

(excluded value from the subject of aggregation)

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported Detection limit
				Sample1	
[7] Dimethyl disulfide (synonym: Dimethyl disulfane) Initial Environmental Survey/surface water (ng/L) Detection Frequency (site) :12/17(Missing value :0) Detection Frequency (sample) :12/17(Missing value :0) Detection range :nd~ 16 Detection limit range :0.66~ 3.4 Detection limit :3.4 Requested Detection limit :19,000	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari(Ishikari City)	*2.4	0.66
	Akita Pref.	2	Akita Canal(Akita City)	4.2	0.66
	Yamagata Pref.	3	Mouth of Riv. Mogami(Sakata City)	3.9	0.66
	Chiba Pref.	4	Coast of Ichihara and Anegasaki	5.2	0.66
	Tokyo Met.	5	Mouth of Riv. Arakawa(Koto Ward)	*2.1	0.66
		6	Mouth of Riv. Sumida(Minato Ward)	7.3	0.66
	Yokohama City	7	Yokohama Port	7.0	0.66
		8	Kamenoko-bashi Bridge, Riv. Tsurumi(Yokohama City)	16	0.66
	Niigata Pref.	9	Lower Riv. Shinano(Niigata City)	nd	3.4
	Aichi Pref.	10	Nagoya Port, West of Shiomai Wharf	9.9	0.66
	Nagoya City	11	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	11	0.66
	Osaka Pref.	12	Mouth of Riv. Yamato(Sakai City)	6.8	0.66
	Kobe City	13	Kobe Port(center)	*2.4	0.66
	Wakayama Pref.	14	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa(Wakayama City)	3.4	0.66
	Yamaguchi Pref.	15	Tokuyama Bay	5.6	0.66
	Fukuoka City	16	Hakata Bay	5.1	0.66
	Oita Pref.	17	Mouth of Riv. Oita(Oita City)	nd	0.66
[8-1] 1-Naphthol (synonym: α -naphthol) Initial Environmental Survey/surface water (ng/L) Detection Frequency (site) :3/20(Missing value :0) Detection Frequency (sample) :3/20(Missing value :0) Detection range :nd~ 2.7 Detection limit range :2.4~ 2.6 Detection limit :2.6 Requested Detection limit :-	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari(Ishikari City)	nd	2.4
		2	Suzuran-ohashi Bridge, Riv. Tokachi(Obihiro City)	2.6	2.4
		3	Onnenai-ohashi Bridge, Riv. Teshio(Bifuka Town)	nd	2.4
		4	Tomakomai Port	nd	2.4
	Iwate Pref.	5	Riv. Toyosawa(Hanamaki City)	nd	2.4
	Miyagi Pref.	6	Futatsuya-bashi Bridge, Riv. Hasama(Tome City)	nd	2.4
		7	Sakura-hodoukyou Bridge, Riv. Shiroishi(Shibata Town)	nd	2.4
	Akita Pref.	8	Akita Canal(Akita City)	nd	2.4
	Saitama Pref.	9	Akigaseshusuizeki of Riv. Arakawa(Shiki City)	nd	2.4
	Chiba Pref.	10	Asai-bashi Bridge, Riv. Yourou(Ichihara City)	2.7	2.4
	Tokyo Met.	11	Mouth of Riv. Arakawa(Koto Ward)	nd	2.4
		12	Mouth of Riv. Sumida(Minato Ward)	2.6	2.4
	Yokohama City	13	Yokohama Port	nd	2.4
	Shizuoka Pref.	14	Nagano-bashi Bridge, Riv. Boso(Iwata City)	nd	2.4
	Kyoto Pref.	15	Miyazu Port	nd	2.6
	Osaka Pref.	16	Mouth of Riv. Yamato(Sakai City)	nd	2.4
	Osaka City	17	Osaka Port	nd	2.4
	Okayama Pref.	18	Offshore of Mizushima	nd	2.6
		19	Sasagase-bashi Bridge, Riv. Sasagase(Okayama City)	nd	2.6
	Kitakyushu City	20	Dokai Bay	nd	2.4
[8-2] 2-Naphthol (synonym: β -naphthol) Initial Environmental Survey/surface water (ng/L) Detection Frequency (site) :2/20(Missing value :0) Detection Frequency (sample) :2/20(Missing value :0) Detection range :nd~ 210 Detection limit range :1.1~ 2.3 Detection limit :2.3 Requested Detection limit :400	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari(Ishikari City)	nd	2.3
		2	Suzuran-ohashi Bridge, Riv. Tokachi(Obihiro City)	nd	2.3
		3	Onnenai-ohashi Bridge, Riv. Teshio(Bifuka Town)	nd	2.3
		4	Tomakomai Port	nd	2.3
	Iwate Pref.	5	Riv. Toyosawa(Hanamaki City)	nd	2.3
	Miyagi Pref.	6	Futatsuya-bashi Bridge, Riv. Hasama(Tome City)	nd	2.3
		7	Sakura-hodoukyou Bridge, Riv. Shiroishi(Shibata Town)	nd	2.3
	Akita Pref.	8	Akita Canal(Akita City)	nd	2.3
	Saitama Pref.	9	Akigaseshusuizeki of Riv. Arakawa(Shiki City)	nd	2.3
	Chiba Pref.	10	Asai-bashi Bridge, Riv. Yourou(Ichihara City)	nd	2.3
	Tokyo Met.	11	Mouth of Riv. Arakawa(Koto Ward)	nd	2.3
		12	Mouth of Riv. Sumida(Minato Ward)	nd	2.3
	Yokohama City	13	Yokohama Port	nd	2.3
	Shizuoka Pref.	14	Nagano-bashi Bridge, Riv. Boso(Iwata City)	210	2.3
	Kyoto Pref.	15	Miyazu Port	nd	1.1
	Osaka Pref.	16	Mouth of Riv. Yamato(Sakai City)	nd	2.3
	Osaka City	17	Osaka Port	nd	2.3
	Okayama Pref.	18	Offshore of Mizushima	nd	1.1
		19	Sasagase-bashi Bridge, Riv. Sasagase(Okayama City)	2.9	1.1
	Kitakyushu City	20	Dokai Bay	nd	2.3

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

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

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

(Note 3) nd : Not detected

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

(excluded value from the subject of aggregation)

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported
				Sample l	Detection limit
[9] 1-Nitropyrene Initial Environmental Survey/surface water (ng/L) Detection Frequency (site) :0/22(Missing value :0) Detection Frequency (sample) :0/22(Missing value :0) Detection range :nd Detection limit range :0.15~ 0.18 Detection limit :0.18 Requested Detection limit :0.6	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari(Ishikari City)	nd	0.15
		2	Suzuran-ohashi Bridge, Riv. Tokachi(Obihiro City)	nd	0.15
		3	Onnenai-ohashi Bridge, Riv. Teshio(Bifuka Town)	nd	0.15
		4	Tomakomai Port	nd	0.15
		5	Muroran Port	nd	0.15
	Iwate Pref.	6	Riv. Toyosawa(Hanamaki City)	nd	0.18
	Akita Pref.	7	Akita Canal(Akita City)	nd	0.15
	Yamagata Pref.	8	Mouth of Riv. Mogami(Sakata City)	nd	0.18
	Chiba Pref.	9	Asai-bashi Bridge, Riv. Yourou(Ichihara City)	nd	0.18
	Tokyo Met.	10	Mouth of Riv. Arakawa(Koto Ward)	nd	0.15
		11	Mouth of Riv. Sumida(Minato Ward)	nd	0.15
	Yokohama City	12	Yokohama Port	nd	0.15
	Aichi Pref.	13	Nagoya Port , West of Shiomi Wharf	nd	0.18
	Nagoya City	14	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	0.18
	Mie Pref.	15	Yokkaichi Port	nd	0.18
	Osaka Pref.	16	Mouth of Riv. Yamato(Sakai City)	nd	0.15
	Hyogo Pref.	17	Offshore of Himeji	nd	0.15
	Okayama Pref.	18	Offshore of Mizushima	nd	0.15
	Yamaguchi Pref.	19	Tokuyama Bay	nd	0.15
		Fukuoka Pref.	20	Offshore of Omuta	nd
		21	Kabura-bashi Bridge, Riv Raizan(Itoshima City)	nd	0.18
	Kitakyushu City	22	Dokai Bay	nd	0.15
[10] 2-Vinylpyridine Initial Environmental Survey/surface water (ng/L) Detection Frequency (site) :0/20(Missing value :0) Detection Frequency (sample) :0/20(Missing value :0) Detection range :nd Detection limit range :5.5~ 6.1 Detection limit :6.1 Requested Detection limit :650	Hokkaido	1	Tomakomai Port	nd	5.5
	Miyagi Pref.	2	Futatsuya-bashi Bridge, Riv. Hasama(Tome City)	nd	5.5
		3	Sakura-hodoukyou Bridge, Riv. Shiroishi(Shibata Town)	nd	5.5
	Akita Pref.	4	Akita Canal(Akita City)	nd	5.5
	Ibaraki Pref.	5	Tonekamome-ohashi Bridge, Mouth of Riv. Tone(Kamisu City)	nd	5.5
	Chiba Pref.	6	Asai-bashi Bridge, Riv. Yourou(Ichihara City)	nd	5.5
	Tokyo Met.	7	Mouth of Riv. Arakawa(Koto Ward)	nd	5.5
		8	Mouth of Riv. Sumida(Minato Ward)	nd	5.5
	Yokohama City	9	Yokohama Port	nd	5.5
		10	Kamenoko-bashi Bridge, Riv. Tsurumi(Yokohama City)	nd	5.5
	Kawasaki City	11	Mouth of Riv. Tama(Kawasaki City)	nd	5.5
	Ishikawa Pref.	12	Mouth of Riv. Sai(Kanazawa City)	nd	6.1
	Shizuoka Pref.	13	Riv. Tenryu(Iwata City)	nd	5.5
	Aichi Pref.	14	Nagoya Port , West of Shiomi Wharf	nd	5.5
	Osaka Pref.	15	Mouth of Riv. Yamato(Sakai City)	nd	5.5
	Kobe City	16	Kobe Port(center)	nd	5.5
	Yamaguchi Pref.	17	Tokuyama Bay	nd	5.5
	Kagawa Pref.	18	Takamatsu Port	nd	6.1
	Ehime Pref.	19	Sawadu Fishing Port	nd	5.5
	Fukuoka City	20	Hakata Bay	nd	5.5
[11] 4-Vinyl-1-cyclohexene Initial Environmental Survey/surface water (ng/L) Detection Frequency (site) :0/18(Missing value :0) Detection Frequency (sample) :0/18(Missing value :0) Detection range :nd Detection limit range :11~ 47 Detection limit :47 Requested Detection limit :920	Hokkaido	1	Suzuran-ohashi Bridge, Riv. Tokachi(Obihiro City)	nd	11
	Akita Pref.	2	Akita Canal(Akita City)	nd	11
	Ibaraki Pref.	3	Tonekamome-ohashi Bridge, Mouth of Riv. Tone(Kamisu City)	nd	11
	Chiba Pref.	4	Coast of Ichihara and Anegasaki	nd	11
	Tokyo Met.	5	Mouth of Riv. Arakawa(Koto Ward)	nd	11
		6	Mouth of Riv. Sumida(Minato Ward)	nd	11
	Yokohama City	7	Yokohama Port	nd	11
		8	Kamenoko-bashi Bridge, Riv. Tsurumi(Yokohama City)	nd	11
	Kawasaki City	9	Mouth of Riv. Tama(Kawasaki City)	nd	11
	Shizuoka Pref.	10	Shimizu Port	nd	11
	Mie Pref.	11	Yokkaichi Port	nd	47
	Shiga Pref.	12	Lake Biwa(center, offshore of Karasaki)	nd	11
	Kyoto Pref.	13	Miyazu Port	nd	11
	Osaka Pref.	14	Mouth of Riv. Yamato(Sakai City)	nd	11
	Kobe City	15	Kobe Port(center)	nd	11
	Okayama Pref.	16	Offshore of Mizushima	nd	47
		17	Sasagase-bashi Bridge, Riv. Sasagase(Okayama City)	nd	47
	Fukuoka City	18	Hakata Bay	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
				Sample l	
[12] Pyridine Initial Environmental Survey/surface water (ng/L) Detection Frequency (site) :12/21(Missing value :0) Detection Frequency (sample) :12/21(Missing value :0) Detection range :nd~ 2,300 Detection limit range :4.0~ 26 Detection limit :19 Requested Detection limit :20	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari(Ishikari City)	nd	11
		2	Suzuran-ohashi Bridge, Riv. Tokachi(Obihiro City)	*14	11
	Akita Pref.	3	Onnenai-ohashi Bridge, Riv. Teshio(Bifuka Town)	nd	11
		4	Akita Canal(Akita City)	*18	11
	Yamagata Pref.	5	Murayamanogawa(Before Mogami Riv. joining)	2,300	4.0
	Fukushima Pref.	6	Shima-bashi Bridge, Riv. Fujiwara(Iwaki City)	67	11
	Saitama Pref.	7	Akigaseshusuizeki of Riv. Arakawa(Shiki City)	nd	11
	Chiba Pref.	8	Coast of Ichihara and Anegasaki	41	11
		9	Asai-bashi Bridge, Riv. Yourou(Ichihara City)	*14	11
	Tokyo Met.	10	Mouth of Riv. Arakawa(Koto Ward)	43	11
		11	Mouth of Riv. Sumida(Minato Ward)	48	11
	Yokohama City	12	Yokohama Port	44	11
	Kawasaki City	13	Mouth of Riv. Tama(Kawasaki City)	130	26
		14	Keihin Canal, Port of Kawasaki, The Coast of Ougi Town	230	26
		15	Keihin Canal, Port of Kawasaki, The Coast of Chidori Town	420	26
	Ishikawa Pref.	16	Mouth of Riv. Sai(Kanazawa City)	nd	19
	Aichi Pref.	17	Sakai-ohashi Bridge, Riv. Aizuma(Kariya City)	*14	11
	Nagoya City	18	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	79	11
	Osaka Pref.	19	Mouth of Riv. Yamato(Sakai City)	29	11
	Osaka City	20	Osaka Port	65	11
	Kagawa Pref.	21	Takamatsu Port	nd	5.3
[14] 3-Methylpyridine Initial Environmental Survey/surface water (ng/L) Detection Frequency (site) :6/18(Missing value :0) Detection Frequency (sample) :6/18(Missing value :0) Detection range :nd~ 12 Detection limit :12 Requested Detection limit :2,000	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari(Ishikari City)	nd	4.3
	Miyagi Pref.	2	Futatsuya-bashi Bridge, Riv. Hasama(Tome City)	nd	4.3
		3	Sakura-hodoukyou Bridge, Riv. Shirosishi(Shibata Town)	nd	4.3
	Akita Pref.	4	Akita Canal(Akita City)	nd	4.3
	Chiba Pref.	5	Coast of Ichihara and Anegasaki	*10	4.3
		6	Asai-bashi Bridge, Riv. Yourou(Ichihara City)	nd	4.3
	Tokyo Met.	7	Mouth of Riv. Arakawa(Koto Ward)	13	4.3
		8	Mouth of Riv. Sumida(Minato Ward)	13	4.3
	Yokohama City	9	Yokohama Port	16	4.3
	Ishikawa Pref.	10	Mouth of Riv. Sai(Kanazawa City)	nd	12
	Aichi Pref.	11	Nagoya Port, West of Shiomi Wharf	31	4.3
	Nagoya City	12	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	25	4.3
	Osaka City	13	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	4.3
		14	Osaka Port	12	4.3
	Okayama Pref.	15	Offshore of Mizushima	*9.1	4.3
	Kagawa Pref.	16	Takamatsu Port	nd	9.1
	Fukuoka City	17	Hakata Bay	*10	4.3
	Saga Pref.	18	Imari Bay	nd	4.3
[15-1] (2-Ethylhexyl)diphenyl phosphate Initial Environmental Survey/surface water (ng/L) Detection Frequency (site) :1/21(Missing value :0) Detection Frequency (sample) :1/21(Missing value :0) Detection range :nd~ 1.4 Detection limit range :0.32~ 0.66 Detection limit :0.66 Requested Detection limit :15	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari(Ishikari City)	nd	0.66
		2	Suzuran-ohashi Bridge, Riv. Tokachi(Obihiro City)	nd	0.66
		3	Onnenai-ohashi Bridge, Riv. Teshio(Bifuka Town)	nd	0.66
	Sapporo City	4	Nakanuma of Riv. Toyohira(Sapporo City)	nd	0.37
		5	Daiichishinkawa-bashi Bridge, Riv. Shin(Sapporo City)	1.4	0.37
	Akita Pref.	6	Akita Canal(Akita City)	nd	0.66
	Ibaraki Pref.	7	Tonekamome-ohashi Bridge, Mouth of Riv. Tone(Kamisu City)	nd	0.66
	Tokyo Met.	8	Mouth of Riv. Arakawa(Koto Ward)	*0.58	0.32
		9	Mouth of Riv. Sumida(Minato Ward)	*0.46	0.32
	Yokohama City	10	Yokohama Port	nd	0.66
	Kawasaki City	11	Mouth of Riv. Tama(Kawasaki City)	nd	0.66
	Shizuoka Pref.	12	Riv. Tenryu(Iwata City)	nd	0.66
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	0.66
		14	Tenpaku-bashi Bridge, Riv. Tenpaku(Nagoya City)	nd	0.66
	Shiga Pref.	15	Lake Biwa(center, offshore of Minamihira)	nd	0.66
		16	Lake Biwa(center, offshore of Karasaki)	nd	0.66
	Osaka City	17	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.66
		18	Osaka Port	nd	0.66
	Hyogo Pref.	19	Offshore of Himeji	nd	0.66
	Tokushima Pref.	20	Shinmachi-bashi Bridge, Riv. Shinmachi(Tokushima City)	nd	0.66
	Kumamoto Pref.	21	Ichibu-bashi Bridge, Riv. Ura(Arao City)	nd	0.66

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

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

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

(Note 3) nd : Not detected

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

(excluded value from the subject of aggregation)

Target chemicals	Local communities	No	Monitored sites	Measured value	Reported
				Sample l	Detection limit
[15-2] Di-n-butyl phenyl phosphate Initial Environmental Survey/surface water (ng/L) Detection Frequency (site) :2/21(Missing value :0) Detection Frequency (sample) :2/21(Missing value :0) Detection range :nd~ 2.1 Detection limit range :0.081~ 0.60 Detection limit :0.60 Requested Detection limit :26	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari(Ishikari City)	0.96	0.60
		2	Suzuran-ohashi Bridge, Riv. Tokachi(Obihiro City)	2.1	0.60
		3	Onnenai-ohashi Bridge, Riv. Teshio(Bifuka Town)	nd	0.60
	Sapporo City	4	Nakanuma of Riv. Toyohira(Sapporo City)	nd	0.081
		5	Daiichishinkawa-bashi Bridge, Riv. Shin(Sapporo City)	nd	0.081
	Akita Pref.	6	Akita Canal(Akita City)	nd	0.58
	Ibaraki Pref.	7	Tonekamome-ohashi Bridge, Mouth of Riv. Tone(Kamisuru City)	nd	0.58
	Tokyo Met.	8	Mouth of Riv. Arakawa(Koto Ward)	nd	0.47
		9	Mouth of Riv. Sumida(Minato Ward)	nd	0.47
	Yokohama City	10	Yokohama Port	nd	0.58
	Kawasaki City	11	Mouth of Riv. Tama(Kawasaki City)	nd	0.58
	Shizuoka Pref.	12	Riv. Tenryu(Iwata City)	nd	0.58
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	nd	0.58
		14	Tenpaku-bashi Bridge, Riv. Tenpaku(Nagoya City)	nd	0.58
	Shiga Pref.	15	Lake Biwa(center, offshore of Minamihira)	nd	0.58
		16	Lake Biwa(center, offshore of Karasaki)	nd	0.58
	Osaka City	17	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	nd	0.58
		18	Osaka Port	nd	0.58
	Hyogo Pref.	19	Offshore of Himeji	nd	0.58
	Tokushima Pref.	20	Shinmachi-bashi Bridge, Riv. Shinmachi(Tokushima City)	nd	0.58
	Kumamoto Pref.	21	Ichibu-bashi Bridge, Riv. Ura(Arao City)	nd	0.58
[15-3] Triphenyl phosphate Initial Environmental Survey/surface water (ng/L) Detection Frequency (site) :3/18(Missing value :3) Detection Frequency (sample) :3/18(Missing value :3) Detection range :nd~ 24 Detection limit range :3.6~ 11 Detection limit :11 Requested Detection limit :50	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari(Ishikari City)	---	---
		2	Suzuran-ohashi Bridge, Riv. Tokachi(Obihiro City)	---	---
		3	Onnenai-ohashi Bridge, Riv. Teshio(Bifuka Town)	---	---
	Sapporo City	4	Nakanuma of Riv. Toyohira(Sapporo City)	*4.8	3.7
		5	Daiichishinkawa-bashi Bridge, Riv. Shin(Sapporo City)	*9.1	3.7
	Akita Pref.	6	Akita Canal(Akita City)	nd	3.6
	Ibaraki Pref.	7	Tonekamome-ohashi Bridge, Mouth of Riv. Tone(Kamisuru City)	nd	3.6
	Tokyo Met.	8	Mouth of Riv. Arakawa(Koto Ward)	nd	11
		9	Mouth of Riv. Sumida(Minato Ward)	18	11
	Yokohama City	10	Yokohama Port	nd	3.6
	Kawasaki City	11	Mouth of Riv. Tama(Kawasaki City)	nd	3.6
	Shizuoka Pref.	12	Riv. Tenryu(Iwata City)	nd	3.6
	Nagoya City	13	Minatoshinbashi Bridge, Riv. Hori (Nagoya City)	24	3.6
		14	Tenpaku-bashi Bridge, Riv. Tenpaku(Nagoya City)	*5.7	3.6
	Shiga Pref.	15	Lake Biwa(center, offshore of Minamihira)	nd	3.6
		16	Lake Biwa(center, offshore of Karasaki)	nd	3.6
	Osaka City	17	Kema-bashi Bridge, Riv. Oh-kawa (Osaka City)	*9.7	3.6
		18	Osaka Port	nd	3.6
	Hyogo Pref.	19	Offshore of Himeji	nd	3.6
	Tokushima Pref.	20	Shinmachi-bashi Bridge, Riv. Shinmachi(Tokushima City)	22	3.6
	Kumamoto Pref.	21	Ichibu-bashi Bridge, Riv. Ura(Arao City)	nd	3.6

(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

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

(Note 4) nd : Not detected

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

(excluded value from the subject of aggregation)

Target chemicals	Local communities	No	Monitored sites	Measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[13] Fluoranthene Initial Environmental Survey/sediment (ng/g-dry) Detection Frequency (site) :21/21(Missing value :0) Detection Frequency (sample) :62/62(Missing value :0) Detection range :2.2~ 2,300 Detection limit range :0.25~ 4.6 Detection limit :0.86 Requested Detection limit :100	Hokkaido	1	Ishikarikakokyo Bridge, Mouth of Riv. Ishikari(Ishikari City)	28	64	45	3.6
		2	Tomakomai Port	170	110	130	4.6
		3	Muroran Port**	1,500	2,300		3.0
	Iwate Pref.	4	Riv. Toyosawa(Hanamaki City)	2.3	2.4	2.2	0.34
	Akita Pref.	5	Akita Canal(Akita City)	81	86	85	0.33
	Chiba Pref.	6	Coast of Ichihara and Anegasaki	71	70	70	0.35
	Tokyo Met.	7	Mouth of Riv. Arakawa(Koto Ward)	160	170	160	0.66
		8	Mouth of Riv. Sumida(Minato Ward)	280	280	280	0.86
	Yokohama City	9	Yokohama Port	210	230	220	0.73
	Niigata Pref.	10	Lower Riv. Shinano(Niigata City)	44	44	44	0.25
	Ishikawa Pref.	11	Mouth of Riv. Sai(Kanazawa City)	100	100	100	0.28
	Nagano Pref.	12	Lake Suwa(center)	33	36	35	0.33
	Aichi Pref.	13	Nagoya Port , West of Shiomi Wharf	1,000	1,100	1,100	0.83
	Mie Pref.	14	Yokkaichi Port	98	98	100	0.36
	Kyoto Pref.	15	Miyazu Port	8.8	7.4	9.3	0.25
	Osaka Pref.	16	Mouth of Riv. Yamato(Sakai City)	110	110	110	0.37
		Kobe City	17	Kobe Port(center)	410	420	420
	Wakayama Pref.	18	Kinokawa-ohashi Bridge, Mouth of Riv. Kinokawa(Wakayama City)	8.9	18	3.5	2.5
	Yamaguchi Pref.	19	Tokuyama Bay	61	62	61	0.35
	Kagawa Pref.	20	Takamatsu Port	200	210	210	0.34
	Kitakyushu City	21	Dokai Bay	1,700	1,700	1,700	0.63

(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) **: 2 samples were measured in Muroran Port.

Target chemicals	Local communities	No	Monitored sites	Measured value			Reported Detection limit
				Sample1	Sample2	Sample3	
[9] 1-Nitropyrene Initial Environmental Survey/air (ng/m3) Detection Frequency (site) :0/13(Missing value :0) Detection Frequency (sample) :0/39(Missing value :0) Detection range :nd Detection limit range :0.11 Detection limit :0.11 Requested Detection limit :0.5	Hokkaido	1	Hokkaido Research Organization Environmental and Geological Research Department Institute of Environmental Sciences(Sapporo City)	nd	nd	nd	0.11
	Sendai City	2	Tsutsujigaoka Park(Sendai City)	nd	nd	nd	0.11
	Chiba Pref.	3	Ichihara-Iwasakinishi Air Quality Monitoring Station(Ichihara 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
	Ishikawa Pref.	7	Ishikawa Prefectural Institute of Public Health and Environmental Science(Kanazawa City)	nd	nd	nd	0.11
	Nagano Pref.	8	Nagano Environmental Conservation Research Institute(Nagano City)	nd	nd	nd	0.11
	Nagoya City	9	Chikusa Ward Heiwa Park(Nagoya City)	nd	nd	nd	0.11
	Kyoto City	10	Kyoto City Institute of Health and Environmental Sciences(Kyoto City)	nd	nd	nd	0.11
	Yamaguchi Pref.	11	Yamaguchi Prefectural Institute of Public Health and Environment(Yamaguchi City)	nd	nd	nd	0.11
	Kagawa Pref.	12	Kagawa Prefectural Public Swimming Pool(Takamatsu City)	nd	nd	nd	0.11
	Oita Pref.	13	Oita City Misa Elementary School(Oita City)	nd	nd	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