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Table 7. Continued

No		Borehole →	E11-170	E11-170	E11-171	E11-171	E11-171	E11-172	E11-172	E11-172	E11-172	E11-173
		Sample ID →	S3	S4	S1	S2	S3	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~5.0	~7.5	0.0~0.5	~2.0	~6.5	0.0~0.5	~2.0	~5.0	~8.7	0.0~0.5
1	1,1,1,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,1,1-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,1,2,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,1,2-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	1,1-Dichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	1,1-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	1,1-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	1,2,3-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	1,2,3-Trichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	1,2,4-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	1,2,4-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	1,2-Dibromo-3-chloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	1,2-Dibromoethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	1,2-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	1,2-Dichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	1,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	1,3,5-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	1,3-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	1,3-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	1,4-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	2,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	2-Butanone	µg/kg	ND	ND	8.16 J	1.9 J	ND	26.4	ND	ND	ND	ND
23	2-Chlorotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	2-Hexanone	µg/kg	ND	ND	ND	ND	ND	4.44 J	ND	ND	ND	ND
25	4-Chlorotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	4-Isopropyltoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	4-Methyl-2-pentanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Acetone	µg/kg	ND	5.94 J	32.7 J	16.5 J	21.7 J	98.8	35.7 J	ND	11.2 J	ND
29	Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Bromobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Bromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Bromodichloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33	Bromoform	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No			Borehole →	E11-170	E11-170	E11-171	E11-171	E11-171	E11-172	E11-172	E11-172	E11-172	E11-173
			Sample ID →	S3	S4	S1	S2	S3	S1	S2	S3	S4	S1
	Analyte↓		Depth, m →	~5.0	~7.5	0.0~0.5	~2.0	~6.5	0.0~0.5	~2.0	~5.0	~8.7	0.0~0.5
35	Carbon disulfide	µg/kg		ND	ND	6.67	ND	ND	ND	ND	ND	ND	ND
36	Carbon tetrachloride	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Chlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Chloroform	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Chloromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	cis-1,2-Dichloroethene	µg/kg		558	15.2	ND	3.57 J	52.3	ND	ND	ND	11.4	ND
42	cis-1,3-Dichloropropene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Dibromochloromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Dibromomethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Dichlorodifluoromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Ethyl Benzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobutadiene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Isopropylbenzene (Cumene)	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	m,p-Xylene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Methyl iodide	µg/kg		ND	ND	1.35 J	ND	ND	ND	ND	ND	ND	ND
51	Methylene chloride	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Naphthalene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	n-Butylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	n-Propylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	o-Xylene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	sec-Butylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Styrene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	tert-Butyl methyl ether (MTBE)	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	tert-Butylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60	Tetrachloroethene	µg/kg		684	0.78 J	ND	2.03 J	22.1	2.91 J	8.44	4.17	2.48 J	ND
61	Toluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
62	trans-1,2-Dichloroethene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
63	trans-1,3-Dichloropropene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64	trans-1,4-Dichloro-2-butene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	Trichloroethene	µg/kg		55.1	ND	ND	ND	2.04 J	ND	ND	ND	1.36 J	ND
66	Trichlorofluoromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67	Vinyl chloride	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No			Borehole →	E11-173	E11-173	E11-173	E11-174	E11-174	E11-174	E11-174	E11-175	E11-175	E11-175
			Sample ID →	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3
	Analyte↓		Depth, m →	~2.0	~5.0	~10.0	0.3~0.8	~2.3	2.3~5.3	~8.9	0.0~0.5	~2.0	~5.0
1	1,1,1,2-Tetrachloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,1,1-Trichloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,1,2,2-Tetrachloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,1,2-Trichloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	1,1-Dichloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	1,1-Dichloroethene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	1,1-Dichloropropene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	1,2,3-Trichlorobenzene	µg/kg		ND	ND	ND	89.5 J	ND	ND	ND	ND	ND	ND
9	1,2,3-Trichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	1,2,4-Trichlorobenzene	µg/kg		ND	ND	29.3 J	295	ND	ND	ND	ND	ND	ND
11	1,2,4-Trimethylbenzene	µg/kg		ND	ND	ND	22.7 J	ND	ND	ND	ND	ND	ND
12	1,2-Dibromo-3-chloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	1,2-Dibromoethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	1,2-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	1,2-Dichloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	1,2-Dichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	1,3,5-Trimethylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	1,3-Dichlorobenzene	µg/kg		ND	ND	9.26 J	ND	ND	ND	ND	ND	ND	ND
19	1,3-Dichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	1,4-Dichlorobenzene	µg/kg		ND	ND	12.3 J	339	ND	ND	ND	ND	ND	ND
21	2,2-Dichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	2-Butanone	µg/kg		ND	4.73 J	ND	ND	17.4 J	ND	1.86 J	1.93 J	1.86 J	ND
23	2-Chlorotoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	2-Hexanone	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	4-Chlorotoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	4-Isopropyltoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	4-Methyl-2-pentanone	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Acetone	µg/kg		76.5	32.5 J	ND	ND	69.5	8.4 J	12.4 J	19.7 J	11.7 J	5.29 J
29	Benzene	µg/kg		ND	ND	6.69 J	ND	ND	0.86 J	ND	ND	ND	ND
30	Bromobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Bromochloromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Bromodichloromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33	Bromoform	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bromomethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No		Borehole →	E11-173	E11-173	E11-173	E11-174	E11-174	E11-174	E11-174	E11-175	E11-175	E11-175
		Sample ID →	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3
	Analyte↓	Depth, m →	~2.0	~5.0	~10.0	0.3~0.8	~2.3	2.3~5.3	~8.9	0.0~0.5	~2.0	~5.0
35	Carbon disulfide	µg/kg	ND	ND	ND	ND	1.03 J	ND	ND	ND	ND	ND
36	Carbon tetrachloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Chlorobenzene	µg/kg	ND	ND	11.3 J	278	0.938 J	5.25	ND	ND	ND	ND
38	Chloroethane	µg/kg	ND	ND	ND	ND	ND	10.7	ND	ND	ND	ND
39	Chloroform	µg/kg	ND	ND	ND	ND	ND	ND	26.7	ND	ND	ND
40	Chloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	cis-1,2-Dichloroethene	µg/kg	ND	ND	293	438	16	4.77	21.1	ND	ND	104
42	cis-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Dibromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Dibromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Dichlorodifluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Ethyl Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Isopropylbenzene (Cumene)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	m,p-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Methyl iodide	µg/kg	6.32	2.01 J	ND	ND	2.72 J	ND	ND	ND	1.04 J	ND
51	Methylene chloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Naphthalene	µg/kg	ND	ND	ND	2560	ND	ND	ND	ND	ND	ND
53	n-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	n-Propylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	o-Xylene	µg/kg	ND	ND	ND	18.7 J	ND	ND	ND	ND	ND	ND
56	sec-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Styrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	tert-Butyl methyl ether (MTBE)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	tert-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60	Tetrachloroethene	µg/kg	21.8	2.65 J	36.5 J	131 J	11.5	4.45 J	142	2.19 J	ND	159
61	Toluene	µg/kg	ND	ND	ND	ND	0.891 J	0.946 J	ND	ND	0.949 J	ND
62	trans-1,2-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.37
63	trans-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64	trans-1,4-Dichloro-2-butene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	Trichloroethene	µg/kg	ND	ND	13.9 J	ND	ND	5.16	15.9	ND	ND	47.2
66	Trichlorofluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67	Vinyl chloride	µg/kg	ND	ND	56.1	ND	ND	3.82 J	ND	ND	ND	0.748 J

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No			Borehole →	E11-175	E11-176	E11-176	E11-176	E11-176	E11-177	E11-177	E11-177	E11-177	E11-178
			Sample ID →	S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
	Analyte↓		Depth, m →	~7.25	0.0~0.5	~2.0	~5.0	~10.0	0.4~0.9	~2.4	~5.4	~9.0	0.0~0.5
1	1,1,1,2-Tetrachloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,1,1-Trichloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,1,2,2-Tetrachloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,1,2-Trichloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	1,1-Dichloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	1,1-Dichloroethene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	1,1-Dichloropropene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	1,2,3-Trichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	1,2,3-Trichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	1,2,4-Trichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	1,2,4-Trimethylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	1,2-Dibromo-3-chloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	1,2-Dibromoethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	1,2-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	1,2-Dichloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	1,2-Dichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	1,3,5-Trimethylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	1,3-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	1,3-Dichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	1,4-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	2,2-Dichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	2-Butanone	µg/kg		ND	ND	8.95 J	1.43 J	ND	7.21 J	ND	6.47 J	10.5 J	7.07 J
23	2-Chlorotoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	2-Hexanone	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	4-Chlorotoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	4-Isopropyltoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	4-Methyl-2-pentanone	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Acetone	µg/kg		ND	8.67 J	40 J	5.02 J	ND	37.2 J	16.7 J	80.7	75.9	41.7
29	Benzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Bromobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Bromochloromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Bromodichloromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33	Bromoform	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bromomethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No	Borehole →		E11-175	E11-176	E11-176	E11-176	E11-176	E11-177	E11-177	E11-177	E11-177	E11-178
	Sample ID →		S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~7.25	0.0~0.5	~2.0	~5.0	~10.0	0.4~0.9	~2.4	~5.4	~9.0	0.0~0.5
35	Carbon disulfide	µg/kg	ND	ND	ND	ND	ND	ND	0.989 J	ND	ND	ND
36	Carbon tetrachloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Chlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Chloroform	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	11.8	ND
40	Chloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	cis-1,2-Dichloroethene	µg/kg	9.21 J	ND	ND	ND	70.6	1.17 J	ND	ND	25.7	ND
42	cis-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Dibromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Dibromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Dichlorodifluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Ethyl Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Isopropylbenzene (Cumene)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	m,p-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Methyl iodide	µg/kg	ND	ND	2.39 J	ND	ND	ND	0.801 J	2.14 J	2.19 J	1.77 J
51	Methylene chloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Naphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	n-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	n-Propylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	o-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	sec-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Styrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	tert-Butyl methyl ether (MTBE)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	tert-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60	Tetrachloroethene	µg/kg	229	ND	3.44 J	ND	40.6 J	1.31 J	ND	5.44	23.4	0.841 J
61	Toluene	µg/kg	7.54 J	ND	ND	ND	ND	1.17 J	ND	ND	ND	ND
62	trans-1,2-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
63	trans-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64	trans-1,4-Dichloro-2-butene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	Trichloroethene	µg/kg	133	ND	ND	ND	587	ND	ND	1.28 J	9.47	ND
66	Trichlorofluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67	Vinyl chloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No		Borehole →	E11-178	E11-178	E11-178	E11-179	E11-179	E11-179	E11-179	E11-180	E11-180	E11-180
		Sample ID →	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3
	Analyte↓	Depth, m →	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0
1	1,1,1,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,1,1-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,1,2,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,1,2-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	1,1-Dichloroethane	µg/kg	ND	ND	1.36 J	ND	ND	ND	ND	ND	ND	ND
6	1,1-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	1,1-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	1,2,3-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	1,2,3-Trichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	1,2,4-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	1,2,4-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	1,2-Dibromo-3-chloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	1,2-Dibromoethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	1,2-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	1,2-Dichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	1,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	1,3,5-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	1,3-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	1,3-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	1,4-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	2,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	2-Butanone	µg/kg	1.89 J	1.8 J	1.95 J	ND	2.93 J	1.92 J	ND	28	ND	ND
23	2-Chlorotoluene	µg/kg	ND	ND	10.4	ND	ND	ND	ND	ND	ND	ND
24	2-Hexanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	4-Chlorotoluene	µg/kg	ND	ND	19.7	ND	ND	ND	ND	ND	ND	ND
26	4-Isopropyltoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	4-Methyl-2-pentanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Acetone	µg/kg	10.8 J	11.1 J	7.21 J	ND	15 J	13.3 J	ND	97.1	ND	ND
29	Benzene	µg/kg	ND	ND	1.21 J	ND	ND	ND	ND	ND	ND	ND
30	Bromobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Bromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Bromodichloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33	Bromoform	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No		Borehole →	E11-178	E11-178	E11-178	E11-179	E11-179	E11-179	E11-179	E11-180	E11-180	E11-180
		Sample ID →	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3
	Analyte↓	Depth, m →	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0
35	Carbon disulfide	µg/kg	ND	ND	1.22 J	ND	ND	ND	ND	ND	ND	ND
36	Carbon tetrachloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Chlorobenzene	µg/kg	ND	ND	0.939 J	ND	ND	ND	ND	ND	ND	ND
38	Chloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Chloroform	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Chloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	cis-1,2-Dichloroethene	µg/kg	ND	ND	1.56 J	ND	ND	8.52	146	ND	ND	52.9 J
42	cis-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Dibromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Dibromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Dichlorodifluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Ethyl Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Isopropylbenzene (Cumene)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	m,p-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Methyl Iodide	µg/kg	ND	0.728 J	ND	ND	ND	1.24 J	ND	7.92	ND	ND
51	Methylene chloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Naphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	n-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	n-Propylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	o-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	sec-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Styrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	tert-Butyl methyl ether (MTBE)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	tert-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60	Tetrachloroethene	µg/kg	2.35 J	30.3	0.72 J	32300	24.9	37.8	489	ND	1.64 J	23.8 J
61	Toluene	µg/kg	ND	ND	3.31 J	ND	ND	ND	ND	ND	ND	1620
62	trans-1,2-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
63	trans-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64	trans-1,4-Dichloro-2-butene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	Trichloroethene	µg/kg	ND	2.29 J	ND	ND	ND	3.16 J	66.4	ND	ND	ND
66	Trichlorofluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67	Vinyl chloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No		Borehole →	E11-180	E11-181	E11-181	E11-181	E11-182	E11-182	E11-182	E11-182	E11-183	E11-183
		Sample ID →	S4	S1	S2	S3	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	~10.0	0.0~0.5	~2.0	~5.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	1,1,1,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,1,1-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,1,2,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,1,2-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	1,1-Dichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	1,1-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	1,1-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	1,2,3-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	1,2,3-Trichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	1,2,4-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	1,2,4-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	1,2-Dibromo-3-chloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	1,2-Dibromoethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	1,2-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	1,2-Dichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	1,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	1,3,5-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	1,3-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	1,3-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	1,4-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	2,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	2-Butanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	5.52 J	ND	ND
23	2-Chlorotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	2-Hexanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	4-Chlorotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	4-Isopropyltoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	4-Methyl-2-pentanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Acetone	µg/kg	ND	ND	ND	ND	7.72 J	11.6 J	29.1 J	27.1 J	21.4 J	12.4 J
29	Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Bromobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Bromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Bromodichloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33	Bromoform	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No			Borehole →	E11-180	E11-181	E11-181	E11-181	E11-182	E11-182	E11-182	E11-182	E11-183	E11-183
			Sample ID →	S4	S1	S2	S3	S1	S2	S3	S4	S1	S2
	Analyte↓		Depth, m →	~10.0	0.0~0.5	~2.0	~5.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
35	Carbon disulfide	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Carbon tetrachloride	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Chlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Chloroform	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Chloromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	cis-1,2-Dichloroethene	µg/kg		ND	ND	ND	3.64 J	ND	ND	0.908 J	7.15	ND	ND
42	cis-1,3-Dichloropropene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Dibromochloromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Dibromomethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Dichlorodifluoromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Ethyl Benzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobutadiene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Isopropylbenzene (Cumene)	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	m,p-Xylene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Methyl iodide	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	Methylene chloride	µg/kg		ND	ND	ND	ND	1.4 J	1.78 J	1.49 J	2.22 J	3.69 J	2.26 J
52	Naphthalene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	n-Butylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	n-Propylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	o-Xylene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	sec-Butylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Styrene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	tert Butyl methyl ether (MTBE)	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	tert-Butylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60	Tetrachloroethene	µg/kg		ND	ND	4.85	9.39	ND	4.13 J	13.7	27	ND	ND
61	Toluene	µg/kg		21300	ND	ND	ND	ND	ND	ND	ND	ND	ND
62	trans-1,2-Dichloroethene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
63	trans-1,3-Dichloropropene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64	trans-1,4-Dichloro-2-butene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	Trichloroethene	µg/kg		ND	ND	ND	2.02 J	ND	ND	1.25 J	4.47	ND	ND
66	Trichlorofluoromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67	Vinyl chloride	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No		Borehole →	E11-183	E11-183	E11-184	E11-184	E11-184	E11-184	E11-185	E11-185	E11-185	E11-185
		Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~8.75	0.0~0.5	~2.0	~5.0	~8.8
1	1,1,1,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,1,1-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,1,2,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,1,2-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	1,1-Dichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	1,1-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	1,1-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	1,2,3-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	1,2,3-Trichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	1,2,4-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	1,2,4-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	1,2-Dibromo-3-chloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	1,2-Dibromoethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	1,2-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	1,2-Dichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	1,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	1,3,5-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	1,3-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	1,3-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	1,4-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	2,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	2-Butanone	µg/kg	ND	ND	7.77 J	3.44 J	2.72 J	ND	11.5 J	2.04 J	5.23 J	ND
23	2-Chlorotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	2-Hexanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	4-Chlorotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	4-Isopropyltoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	4-Methyl-2-pentanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Acetone	µg/kg	5.95 J	16.3 J	45	11.2 J	15 J	ND	49.6	12.2 J	33.8 J	2.37 J
29	Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Bromobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Bromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Bromodichloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33	Bromoform	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No		Borehole →	E11-183	E11-183	E11-184	E11-184	E11-184	E11-184	E11-185	E11-185	E11-185	E11-185
		Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~8.75	0.0~0.5	~2.0	~5.0	~8.8
35	Carbon disulfide	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Carbon tetrachloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Chlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Chloroform	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Chloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	cis-1,2-Dichloroethene	µg/kg	8.35	2.31 J	ND	ND	ND	ND	ND	ND	ND	ND
42	cis-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Dibromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Dibromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Dichlorodifluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Ethyl Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Isopropylbenzene (Cumene)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	m,p-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Methyl iodide	µg/kg	ND	ND	ND	2.02 J	1.07 J	ND	2.66 J	0.723 J	1.51 J	ND
51	Methylene chloride	µg/kg	2.07 J	2.48 J	ND	ND	ND	2.76 J	ND	ND	ND	ND
52	Naphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	n-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	n-Propylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	o-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	sec-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Styrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	tert-Butyl methyl ether (MTBE)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	tert-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60	Tetrachloroethene	µg/kg	26.7	5.05	1.42 J	0.854 J	0.797 J	5.52	0.666 J	0.706 J	1.96 J	ND
61	Toluene	µg/kg	ND	ND	0.724 J	ND	ND	ND	0.735 J	ND	ND	ND
62	trans-1,2-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
63	trans-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64	trans-1,4-Dichloro-2-butene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	Trichloroethene	µg/kg	27.6	2.59 J	ND	3.7 J	3.08 J	0.802 J	ND	3.63 J	4.86 J	ND
66	Trichlorofluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67	Vinyl chloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No		Borehole →	E11-186	E11-186	E11-186	E11-186	E11-187	E11-187	E11-187	E11-187	E11-188	E11-188
		Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~8.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	1,1,1,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,1,1-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,1,2,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,1,2-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	1,1-Dichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	1,1-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	1,1-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	1,2,3-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	1,2,3-Trichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	1,2,4-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	1,2,4-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	1,2-Dibromo-3-chloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	1,2-Dibromoethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	1,2-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	1,2-Dichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	1,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	1,3,5-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	1,3-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	1,3-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	1,4-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	2,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	2-Butanone	µg/kg	27	4.4 J	ND	ND	ND	5.7 J	ND	ND	9.5 J	ND
23	2-Chlorotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	2-Hexanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	4-Chlorotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	4-Isopropyltoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	4-Methyl-2-pentanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Acetone	µg/kg	85.9	17.6 J	3.97 J	7.73 J	ND	ND	ND	ND	ND	ND
29	Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Bromobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Bromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Bromodichloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33	Bromoform	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No		Borehole →	E11-186	E11-186	E11-186	E11-186	E11-187	E11-187	E11-187	E11-187	E11-188	E11-188
		Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~8.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
35	Carbon disulfide	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Carbon tetrachloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Chlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Chloroform	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Chloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	cis-1,2-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	2.67 J	ND	ND	ND	ND
42	cis-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Dibromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Dibromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Dichlorodifluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Ethyl Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Isopropylbenzene (Cumene)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	m,p-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Methyl iodide	µg/kg	3.12 J	1.43 J	ND	ND	ND	ND	ND	ND	ND	ND
51	Methylene chloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Naphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	n-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	n-Propylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	o-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	sec-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Styrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	tert-Butyl methyl ether (MTBE)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	tert-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60	Tetrachloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
61	Toluene	µg/kg	2.26 J	1.4 J	1.05 J	ND	ND	ND	ND	ND	ND	ND
62	trans-1,2-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
63	trans-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64	trans-1,4-Dichloro-2-butene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	Trichloroethene	µg/kg	ND	ND	ND	ND	ND	1.73 J	ND	ND	ND	ND
66	Trichlorofluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67	Vinyl chloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No		Borehole →	E11-188	E11-188	E11-189	E11-189	E11-189	E11-189	E11-190	E11-190	E11-190	E11-190
		Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~9.6	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~10.0
1	1,1,1,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,1,1-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,1,2,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,1,2-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	1,1-Dichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	1,1-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	1,1-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	1,2,3-Trichlorobenzene	µg/kg	ND	ND	2.39 J	ND	ND	ND	ND	ND	ND	ND
9	1,2,3-Trichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	1,2,4-Trichlorobenzene	µg/kg	ND	ND	10.8	ND	ND	ND	ND	ND	ND	ND
11	1,2,4-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	1,2-Dibromo-3-chloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	1,2-Dibromoethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	1,2-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	1,2-Dichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	1,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	1,3,5-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	1,3-Dichlorobenzene	µg/kg	ND	ND	1.36 J	ND	ND	ND	ND	ND	ND	ND
19	1,3-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	1,4-Dichlorobenzene	µg/kg	ND	ND	13.6	ND	ND	ND	ND	ND	ND	ND
21	2,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	2-Butanone	µg/kg	ND	ND	27.4	ND	ND	ND	ND	ND	7.36 J	ND
23	2-Chlorotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	2-Hexanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	4-Chlorotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	4-Isopropyltoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	4-Methyl-2-pentanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Acetone	µg/kg	ND	ND	86.0	ND	ND	ND	ND	ND	31.2 J	4.97 J
29	Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Bromobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Bromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Bromodichloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33	Bromoform	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No			Borehole →	E11-188	E11-188	E11-189	E11-189	E11-189	E11-189	E11-190	E11-190	E11-190	E11-190
			Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓		Depth, m →	~5.0	~9.6	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~10.0
35	Carbon disulfide	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Carbon tetrachloride	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Chlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Chloroform	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Chloromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	cis-1,2-Dichloroethene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	cis-1,3-Dichloropropene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Dibromochloromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Dibromomethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Dichlorodifluoromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Ethyl Benzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobutadiene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Isopropylbenzene (Cumene)	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	m,p-Xylene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Methyl iodide	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	Methylene chloride	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Naphthalene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	n-Butylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	n-Propylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	o-Xylene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	sec-Butylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Styrene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	tert-Butyl methyl ether (MTBE)	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	tert-Butylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60	Tetrachloroethene	µg/kg		ND	ND	26.3	ND	ND	ND	ND	ND	ND	ND
61	Toluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
62	trans-1,2-Dichloroethene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
63	trans-1,3-Dichloropropene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64	trans-1,4-Dichloro-2-butene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	Trichloroethene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66	Trichlorofluoromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67	Vinyl chloride	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No			Borehole →	E11-191	E11-191	E11-191	E11-191	E11-192	E11-192	E11-192	E11-192	E11-193	E11-193
			Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓		Depth, m →	0.0~0.5	~2.0	~5.0	~7.7	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	1,1,1,2-Tetrachloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,1,1-Trichloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,1,2,2-Tetrachloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,1,2-Trichloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	1,1-Dichloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	1,1-Dichloroethene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	1,1-Dichloropropene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	1,2,3-Trichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	1,2,3-Trichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	1,2,4-Trichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	1,2,4-Trimethylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	1,2-Dibromo-3-chloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	1,2-Dibromoethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	1,2-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	1,2-Dichloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	1,2-Dichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	1,3,5-Trimethylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	1,3-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	1,3-Dichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	1,4-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	2,2-Dichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	2-Butanone	µg/kg		7.66 J	ND	ND	ND	ND	16.3 J	ND	ND	25.1 J	ND
23	2-Chlorotoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	2-Hexanone	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	4-Chlorotoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	4-Isopropyltoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	4-Methyl-2-pentanone	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Acetone	µg/kg		39.6	15.4 J	ND	ND	ND	ND	ND	ND	108	ND
29	Benzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Bromobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Bromochloromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Bromodichloromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33	Bromoform	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bromomethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No	Borehole →		E11-191	E11-191	E11-191	E11-191	E11-192	E11-192	E11-192	E11-192	E11-193	E11-193
	Sample ID →		S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~7.7	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
35	Carbon disulfide	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Carbon tetrachloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Chlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Chloroform	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Chloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	cis-1,2-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	cis-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Dibromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Dibromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Dichlorodifluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Ethyl Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Isopropylbenzene (Cumene)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	m,p-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Methyl iodide	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	3.36 J	ND
51	Methylene chloride	µg/kg	ND	ND	ND	ND	1.77 J	5.05 J	1.93 J	4.02 J	ND	ND
52	Naphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	n-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	n-Propylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	o-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	sec-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Styrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	tert-Butyl methyl ether (MTBE)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	tert-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60	Tetrachloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	1.11 J	ND	ND
61	Toluene	µg/kg	ND	ND	ND	ND	ND	2.4 J	ND	2.29 J	ND	ND
62	trans-1,2-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
63	trans-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64	trans-1,4-Dichloro-2-butene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	Trichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66	Trichlorofluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67	Vinyl chloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No	Borehole →		E11-193	E11-193	E11-194	E11-194	E11-194	E11-194	E11-195	E11-195	E11-195	E11-195
	Sample ID →		S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~8.6	0.3~0.8	~2.0	~5.0	~10.0	0.3~0.8	~2.0	~5.0	~10.0
1	1,1,1,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,1,1-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,1,2,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,1,2-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	1,1-Dichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	1,1-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	1,1-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	1,2,3-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	1,2,3-Trichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	1,2,4-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	1,2,4-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	1,2-Dibromo-3-chloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	1,2-Dibromoethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	1,2-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	1,2-Dichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	1,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	1,3,5-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	1,3-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	1,3-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	1,4-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	2,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	2-Butanone	µg/kg	2.6 J	ND	2.19 J	1.71 J	ND	ND	7.21 J	1.6 J	ND	ND
23	2-Chlorotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	2-Hexanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	4-Chlorotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	4-Isopropyltoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	4-Methyl-2-pentanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Acetone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
29	Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Bromobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Bromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Bromodichloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33	Bromoform	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No	Borehole →		E11-193	E11-193	E11-194	E11-194	E11-194	E11-194	E11-195	E11-195	E11-195	E11-195
	Sample ID →		S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~8.6	0.3~0.8	~2.0	~5.0	~10.0	0.3~0.8	~2.0	~5.0	~10.0
35	Carbon disulfide	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Carbon tetrachloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Chlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Chloroform	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Chloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	cis-1,2-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	cis-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Dibromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Dibromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Dichlorodifluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Ethyl Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Isopropylbenzene (Cumene)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	m,p-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Methyl iodide	µg/kg	ND	ND	0.809 J	ND	ND	ND	1.32 J	ND	0.864 J	ND
51	Methylene chloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Naphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	n-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	n-Propylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	o-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	sec-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Styrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	tert-Butyl methyl ether (MTBE)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	tert-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60	Tetrachloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
61	Toluene	µg/kg	ND	ND	ND	ND	ND	ND	5.9	ND	ND	ND
62	trans-1,2-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
63	trans-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64	trans-1,4-Dichloro-2-butene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	Trichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66	Trichlorofluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67	Vinyl chloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No			Borehole →	E11-196	E11-196	E11-196	E11-196
			Sample ID →	S1	S2	S3	S4
	Analyte↓		Depth, m →	0.3~0.8	~2.3	~5.3	~10.3
1	1,1,1,2-Tetrachloroethane	µg/kg		ND	ND	ND	ND
2	1,1,1-Trichloroethane	µg/kg		ND	ND	ND	ND
3	1,1,2,2-Tetrachloroethane	µg/kg		ND	ND	ND	ND
4	1,1,2-Trichloroethane	µg/kg		ND	ND	ND	ND
5	1,1-Dichloroethane	µg/kg		ND	ND	ND	ND
6	1,1-Dichloroethene	µg/kg		ND	ND	ND	ND
7	1,1-Dichloropropene	µg/kg		ND	ND	ND	ND
8	1,2,3-Trichlorobenzene	µg/kg		ND	ND	ND	ND
9	1,2,3-Trichloropropane	µg/kg		ND	ND	ND	ND
10	1,2,4-Trichlorobenzene	µg/kg		ND	ND	ND	ND
11	1,2,4-Trimethylbenzene	µg/kg		ND	ND	ND	ND
12	1,2-Dibromo-3-chloropropane	µg/kg		ND	ND	ND	ND
13	1,2-Dibromoethane	µg/kg		ND	ND	ND	ND
14	1,2-Dichlorobenzene	µg/kg		ND	ND	ND	ND
15	1,2-Dichloroethane	µg/kg		ND	ND	ND	ND
16	1,2-Dichloropropane	µg/kg		ND	ND	ND	ND
17	1,3,5-Trimethylbenzene	µg/kg		ND	ND	ND	ND
18	1,3-Dichlorobenzene	µg/kg		ND	ND	ND	ND
19	1,3-Dichloropropane	µg/kg		ND	ND	ND	ND
20	1,4-Dichlorobenzene	µg/kg		ND	ND	ND	ND
21	2,2-Dichloropropane	µg/kg		ND	ND	ND	ND
22	2-Butanone	µg/kg		8.62 J	ND	1.72 J	ND
23	2-Chlorotoluene	µg/kg		ND	ND	ND	ND
24	2-Hexanone	µg/kg		ND	ND	ND	ND
25	4-Chlorotoluene	µg/kg		ND	ND	ND	ND
26	4-Isopropyltoluene	µg/kg		ND	ND	ND	ND
27	4-Methyl-2-pentanone	µg/kg		ND	ND	ND	ND
28	Acetone	µg/kg		59.8	ND	ND	ND
29	Benzene	µg/kg		ND	ND	ND	ND
30	Bromobenzene	µg/kg		ND	ND	ND	ND
31	Bromochloromethane	µg/kg		ND	ND	ND	ND
32	Bromodichloromethane	µg/kg		ND	ND	ND	ND
33	Bromoform	µg/kg		ND	ND	ND	ND
34	Bromomethane	µg/kg		ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No			Borehole →	E11-196	E11-196	E11-196	E11-196
			Sample ID →	S1	S2	S3	S4
	Analyte↓		Depth, m →	0.3~0.8	~2.3	~5.3	~10.3
35	Carbon disulfide	µg/kg		ND	ND	ND	ND
36	Carbon tetrachloride	µg/kg		ND	ND	ND	ND
37	Chlorobenzene	µg/kg		ND	ND	ND	ND
38	Chloroethane	µg/kg		ND	ND	ND	ND
39	Chloroform	µg/kg		ND	ND	ND	ND
40	Chloromethane	µg/kg		ND	ND	ND	ND
41	cis-1,2-Dichloroethene	µg/kg		ND	ND	ND	ND
42	cis-1,3-Dichloropropene	µg/kg		ND	ND	ND	ND
43	Dibromochloromethane	µg/kg		ND	ND	ND	ND
44	Dibromomethane	µg/kg		ND	ND	ND	ND
45	Dichlorodifluoromethane	µg/kg		ND	ND	ND	ND
46	Ethyl Benzene	µg/kg		ND	ND	ND	ND
47	Hexachlorobutadiene	µg/kg		ND	ND	ND	ND
48	Isopropylbenzene (Cumene)	µg/kg		ND	ND	ND	ND
49	m,p-Xylene	µg/kg		ND	ND	ND	ND
50	Methyl iodide	µg/kg		1.72 J	ND	ND	ND
51	Methylene chloride	µg/kg		ND	ND	ND	ND
52	Naphthalene	µg/kg		ND	ND	ND	ND
53	n-Butylbenzene	µg/kg		ND	ND	ND	ND
54	n-Propylbenzene	µg/kg		ND	ND	ND	ND
55	o-Xylene	µg/kg		ND	ND	ND	ND
56	sec-Butylbenzene	µg/kg		ND	ND	ND	ND
57	Styrene	µg/kg		ND	ND	ND	ND
58	tert-Butyl methyl ether (MTBE)	µg/kg		ND	ND	ND	ND
59	tert-Butylbenzene	µg/kg		ND	ND	ND	ND
60	Tetrachloroethene	µg/kg		ND	ND	ND	ND
61	Toluene	µg/kg		ND	ND	ND	ND
62	trans-1,2-Dichloroethene	µg/kg		ND	ND	ND	ND
63	trans-1,3-Dichloropropene	µg/kg		ND	ND	ND	ND
64	trans-1,4-Dichloro-2-butene	µg/kg		ND	ND	ND	ND
65	Trichloroethene	µg/kg		ND	ND	ND	ND
66	Trichlorofluoromethane	µg/kg		ND	ND	ND	ND
67	Vinyl chloride	µg/kg		ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 8. Summary of Semivolatile Organic Compound Results for Phase II and IIb Soil Samples

No			Borehole →	E11-154	E11-154	E11-155	E11-155	E11-156	E11-156	E11-156	E11-157	E11-157	E11-157
			Sample ID →	S1	S2	S1	S2	S1	S2	S3	S1	S2	S3
	Analyte↓		Depth, m →	0.0~0.5	~2.3	0.0~0.5	~1.8	0.0~0.5	~2.0	~6.45	0.0~0.5	~2.0	~4.5
1	1,2,4-Trichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,2-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,3-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,4-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	2,4,5-Trichlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	2,4,6-Trichlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	2,4-Dichlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	2,4-Dimethylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	2,4-Dinitrotoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	2,6-Dinitrotoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	2-Chloronaphthalene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	2-Chlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	2-Methylnaphthalene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	2-Methylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	2-Nitroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	2-Nitrophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	3 and/or 4-Methylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	3-Nitroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	4-Bromophenyl phenyl ether	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	4-Chloro-3-methylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	4-Chloroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	4-Chlorophenyl phenyl ether	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	4-Nitroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	4-Nitrophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	Acenaphthene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Acenaphthylene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Anthracene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Benzo(a)anthracene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
29	Benzo(a)pyrene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Benzo(b)fluoranthene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Benzo(g,h,i)perylene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Benzo(k)fluoranthene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-154	E11-154	E11-155	E11-155	E11-156	E11-156	E11-156	E11-157	E11-157	E11-157
		Sample ID →	S1	S2	S1	S2	S1	S2	S3	S1	S2	S3
	Analyte↓	Depth, m →	0.0~0.5	~2.3	0.0~0.5	~1.8	0.0~0.5	~2.0	~6.45	0.0~0.5	~2.0	~4.5
33	Bis(2-Chloroethoxy)methane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bis(2-Chloroethyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Bis(2-Chloroisopropyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Bis(2-Ethylhexyl)phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Butyl benzyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chrysene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Dibenz(a,h)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Dibenzofuran	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	Diethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	Dimethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Di-n-butyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Di-n-octyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Fluorene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	Hexachlorocyclopentadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Hexachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Isophorone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	Naphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	Nitrobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	n-Nitrosodi-n-propylamine	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	Pentachlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Phenanthrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	Phenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	Pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-158	E11-158	E11-158	E11-158	E11-159	E11-159	E11-159	E11-159	E11-160	E11-160
		Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~8.5	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	1,2,4-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,2-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,3-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,4-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	2,4,5-Trichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	2,4,6-Trichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	2,4-Dichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	2,4-Dimethylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	2,4-Dinitrotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	2,6-Dinitrotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	2-Chloronaphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	2-Chlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	2-Methylnaphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	2-Methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	2-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	2-Nitrophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	3 and/or 4-Methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	3-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	4-Bromophenyl phenyl ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	4-Chloro-3-methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	4-Chloroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	4-Chlorophenyl phenyl ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	4-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	4-Nitrophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	Acenaphthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Acenaphthylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Benzo(a)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
29	Benzo(a)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Benzo(b)fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Benzo(g,h,i)perylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Benzo(k)fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-158	E11-158	E11-158	E11-158	E11-159	E11-159	E11-159	E11-159	E11-160	E11-160
		Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~8.5	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
33	Bis(2-Chloroethoxy)methane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bis(2-Chloroethyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Bis(2-Chloroisopropyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Bis(2-Ethylhexyl)phthalate	µg/kg	29.8 J	ND	ND	ND	154 J	ND	ND	ND	51 J	ND
37	Butyl benzyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chrysene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Dibenz(a,h)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Dibenzofuran	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	Diethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	Dimethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Di-n-butyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Di-n-octyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Fluorene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	Hexachlorocyclopentadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Hexachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Isophorone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	Naphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	Nitrobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	n-Nitrosodi-n-propylamine	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	Pentachlorophenol	µg/kg	ND	68 J	ND	ND	ND	ND	ND	ND	ND	ND
57	Phenanthrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	Phenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	Pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No			Borehole →	E11-160	E11-161	E11-161	E11-161	E11-161	E11-162	E11-162	E11-163	E11-163	E11-163
			Sample ID →	S3	S1	S2	S3	S4	S1	S2	S1	S2	S3
	Analyte↓		Depth, m →	~3.4	0.0~0.5	~2.0	~5.0	~7.9	0.0~0.5	~1.52	0.0~0.5	~2.0	~5.0
1	1,2,4-Trichlorobenzene	µg/kg		28.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,2-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,3-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,4-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	2,4,5-Trichlorophenol	µg/kg		41.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	2,4,6-Trichlorophenol	µg/kg		37.9 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	2,4-Dichlorophenol	µg/kg		31.6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	2,4-Dimethylphenol	µg/kg		31.6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	2,4-Dinitrotoluene	µg/kg		34.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	2,6-Dinitrotoluene	µg/kg		44.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	2-Chloronaphthalene	µg/kg		34.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	2-Chlorophenol	µg/kg		31.6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	2-Methylnaphthalene	µg/kg		34.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	2-Methylphenol	µg/kg		31.6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	2-Nitroaniline	µg/kg		34.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	2-Nitrophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	3 and/or 4-Methylphenol	µg/kg		82.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	3-Nitroaniline	µg/kg		28.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	4-Bromophenyl phenyl ether	µg/kg		44.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	4-Chloro-3-methylphenol	µg/kg		47.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	4-Chloroaniline	µg/kg		37.9 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	4-Chlorophenyl phenyl ether	µg/kg		56.8 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	4-Nitroaniline	µg/kg		41.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	4-Nitrophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	Acenaphthene	µg/kg		44.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Acenaphthylene	µg/kg		47.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Anthracene	µg/kg		50.5 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Benzo(a)anthracene	µg/kg		53.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
29	Benzo(a)pyrene	µg/kg		53.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Benzo(b)fluoranthene	µg/kg		56.8 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Benzo(g,h,i)perylene	µg/kg		53.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Benzo(k)fluoranthene	µg/kg		63.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No	Borehole →		E11-160	E11-161	E11-161	E11-161	E11-161	E11-162	E11-162	E11-163	E11-163	E11-163
	Sample ID →		S3	S1	S2	S3	S4	S1	S2	S1	S2	S3
	Analyte↓	Depth, m →	~3.4	0.0~0.5	~2.0	~5.0	~7.9	0.0~0.5	~1.52	0.0~0.5	~2.0	~5.0
33	Bis(2-Chloroethoxy)methane	µg/kg	31.6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bis(2-Chloroethyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Bis(2-Chloroisopropyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Bis(2-Ethylhexyl)phthalate	µg/kg	123 J	38.2 J	ND	ND	ND	ND	ND	78.8 J	102 J	ND
37	Butyl benzyl phthalate	µg/kg	60 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chrysene	µg/kg	56.8 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Dibenz(a,h)anthracene	µg/kg	47.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Dibenzofuran	µg/kg	47.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	Diethyl phthalate	µg/kg	56.8 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	Dimethyl phthalate	µg/kg	53.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Di-n-butyl phthalate	µg/kg	63.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Di-n-octyl phthalate	µg/kg	63.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Fluoranthene	µg/kg	56.8 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Fluorene	µg/kg	53.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobenzene	µg/kg	44.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	Hexachlorocyclopentadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Hexachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	µg/kg	50.5 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Isophorone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	Naphthalene	µg/kg	28.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	Nitrobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	n-Nitrosodi-n-propylamine	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	Pentachlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Phenanthrene	µg/kg	50.5 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	Phenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	Pyrene	µg/kg	53.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-163	E11-164	E11-164	E11-164	E11-164	E11-165	E11-165	E11-165	E11-165	E11-166
	Analyte↓	Sample ID →	S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
		Depth, m →	~10.0	0.0~0.5	~2.0	~5.0	~11.0	0.0~0.5	~2.0	~5.0	~10.0	0.3~0.8
1	1,2,4-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,2-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,3-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,4-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	2,4,5-Trichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	2,4,6-Trichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	2,4-Dichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	2,4-Dimethylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	2,4-Dinitrotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	2,6-Dinitrotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	2-Chloronaphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	2-Chlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	2-Methylnaphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	2-Methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	2-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	2-Nitrophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	3 and/or 4-Methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	3-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	4-Bromophenyl phenyl ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	4-Chloro-3-methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	4-Chloroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	4-Chlorophenyl phenyl ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	4-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	4-Nitrophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	Acenaphthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Acenaphthylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Benzo(a)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
29	Benzo(a)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Benzo(b)fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Benzo(g,h,i)perylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Benzo(k)fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-163	E11-164	E11-164	E11-164	E11-164	E11-165	E11-165	E11-165	E11-165	E11-166
		Sample ID →	S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~10.0	0.0~0.5	~2.0	~5.0	~11.0	0.0~0.5	~2.0	~5.0	~10.0	0.3~0.8
33	Bis(2-Chloroethoxy)methane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bis(2-Chloroethyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Bis(2-Chloroisopropyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Bis(2-Ethylhexyl)phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	95.4 J	ND
37	Butyl benzyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chrysene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Dibenz(a,h)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Dibenzofuran	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	Diethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	Dimethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Di-n-butyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Di-n-octyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Fluorene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	Hexachlorocyclopentadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Hexachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Isophorone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	Naphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	Nitrobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	n-Nitrosodi-n-propylamine	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	Pentachlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Phenanthrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	Phenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	Pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-166	E11-167	E11-167	E11-167	E11-168	E11-168	E11-169	E11-169	E11-170	E11-170
		Sample ID →	S2	S1	S2	S3	S1	S2	S1	S2	S1	S2
	Analyte↓	Depth, m →	~2.7	0.0~0.5	~2.0	~5.5	0.0~0.5	~3.0	0.0~0.5	~1.8	0.0~0.5	~2.0
1	1,2,4-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,2-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,3-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,4-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	2,4,5-Trichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	2,4,6-Trichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	2,4-Dichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	2,4-Dimethylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	2,4-Dinitrotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	2,6-Dinitrotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	2-Chloronaphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	2-Chlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	2-Methylnaphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	2-Methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	2-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	2-Nitrophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	3 and/or 4-Methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	3-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	4-Bromophenyl phenyl ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	4-Chloro-3-methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	4-Chloroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	4-Chlorophenyl phenyl ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	4-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	4-Nitrophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	Acenaphthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Acenaphthylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Benzo(a)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
29	Benzo(a)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Benzo(b)fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Benzo(g,h,i)perylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Benzo(k)fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-166	E11-167	E11-167	E11-167	E11-168	E11-168	E11-169	E11-169	E11-170	E11-170
		Sample ID →	S2	S1	S2	S3	S1	S2	S1	S2	S1	S2
	Analyte↓	Depth, m →	~2.7	0.0~0.5	~2.0	~5.5	0.0~0.5	~3.0	0.0~0.5	~1.8	0.0~0.5	~2.0
33	Bis(2-Chloroethoxy)methane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bis(2-Chloroethyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Bis(2-Chloroisopropyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Bis(2-Ethylhexyl)phthalate	µg/kg	ND	47.5 J	163 J	ND	44 J	ND	123 J	ND	173 J	ND
37	Butyl benzyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chrysene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Dibenz(a,h)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Dibenzofuran	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	Diethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	Dimethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Di-n-butyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Di-n-octyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Fluorene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	Hexachlorocyclopentadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Hexachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Isophorone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	Naphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	Nitrobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	n-Nitrosodi-n-propylamine	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	Pentachlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Phenanthrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	Phenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	Pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-170	E11-170	E11-171	E11-171	E11-171	E11-172	E11-172	E11-172	E11-172	E11-173
		Sample ID →	S3	S4	S1	S2	S3	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~5.0	~7.5	0.0~0.5	~2.0	~6.5	0.0~0.5	~2.0	~5.0	~8.7	0.0~0.5
1	1,2,4-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,2-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,3-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,4-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	2,4,5-Trichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	2,4,6-Trichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	2,4-Dichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	2,4-Dimethylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	2,4-Dinitrotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	2,6-Dinitrotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	2-Chloronaphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	2-Chlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	2-Methylnaphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	2-Methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	2-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	2-Nitrophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	3 and/or 4-Methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	3-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	4-Bromophenyl phenyl ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	4-Chloro-3-methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	4-Chloroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	4-Chlorophenyl phenyl ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	4-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	4-Nitrophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	Acenaphthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Acenaphthylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Benzo(a)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
29	Benzo(a)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Benzo(b)fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Benzo(g,h,i)perylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Benzo(k)fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-170	E11-170	E11-171	E11-171	E11-171	E11-172	E11-172	E11-172	E11-172	E11-173
		Sample ID →	S3	S4	S1	S2	S3	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~5.0	~7.5	0.0~0.5	~2.0	~6.5	0.0~0.5	~2.0	~5.0	~8.7	0.0~0.5
33	Bis(2-Chloroethoxy)methane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bis(2-Chloroethyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Bis(2-Chloroisopropyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Bis(2-Ethylhexyl)phthalate	µg/kg	ND	ND	ND	ND	ND	76.1 J	ND	ND	ND	ND
37	Butyl benzyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chrysene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Dibenz(a,h)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Dibenzofuran	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	Diethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	Dimethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Di-n-butyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Di-n-octyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Fluorene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	Hexachlorocyclopentadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Hexachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Isophorone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	Naphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	Nitrobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	n-Nitrosodi-n-propylamine	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	Pentachlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Phenanthrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	Phenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	Pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-173	E11-173	E11-173	E11-174	E11-174	E11-174	E11-174	E11-175	E11-175	E11-175
		Sample ID →	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3
	Analyte↓	Depth, m →	~2.0	~5.0	~10.0	0.3~0.8	~2.3	2.3~5.3	~8.9	0.0~0.5	~2.0	~5.0
1	1,2,4-Trichlorobenzene	µg/kg	ND	ND	ND	35.4 J	ND	ND	ND	ND	ND	ND
2	1,2-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,3-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,4-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	2,4,5-Trichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	2,4,6-Trichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	2,4-Dichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	2,4-Dimethylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	2,4-Dinitrotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	2,6-Dinitrotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	2-Chloronaphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	2-Chlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	2-Methylnaphthalene	µg/kg	ND	ND	ND	1450	878	ND	ND	ND	ND	ND
14	2-Methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	2-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	2-Nitrophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	3 and/or 4-Methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	3-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	4-Bromophenyl phenyl ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	4-Chloro-3-methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	4-Chloroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	4-Chlorophenyl phenyl ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	4-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	4-Nitrophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	Acenaphthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Acenaphthylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Benzo(a)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
29	Benzo(a)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Benzo(b)fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Benzo(g,h,i)perylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Benzo(k)fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-173	E11-173	E11-173	E11-174	E11-174	E11-174	E11-174	E11-175	E11-175	E11-175
		Sample ID →	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3
	Analyte↓	Depth, m →	~2.0	~5.0	~10.0	0.3~0.8	~2.3	2.3~5.3	~8.9	0.0~0.5	~2.0	~5.0
33	Bis(2-Chloroethoxy)methane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bis(2-Chloroethyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Bis(2-Chloroisopropyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Bis(2-Ethylhexyl)phthalate	µg/kg	ND	ND	ND	602	42.2 J	ND	ND	ND	ND	ND
37	Butyl benzyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chrysene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Dibenz(a,h)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Dibenzofuran	µg/kg	ND	ND	ND	60.2 J	ND	ND	ND	ND	ND	ND
41	Diethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	Dimethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Di-n-butyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Di-n-octyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Fluorene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	Hexachlorocyclopentadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Hexachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Isophorone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	Naphthalene	µg/kg	ND	ND	ND	191 J	193 J	ND	ND	ND	ND	ND
54	Nitrobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	n-Nitrosodi-n-propylamine	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	Pentachlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Phenanthrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	Phenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	Pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No			Borehole →	E11-175	E11-176	E11-176	E11-176	E11-176	E11-177	E11-177	E11-177	E11-177	E11-178
			Sample ID →	S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
	Analyte↓		Depth, m →	~7.25	0.0~0.5	~2.0	~5.0	~10.0	0.4~0.9	~2.4	~5.4	~9.0	0.0~0.5
1	1,2,4-Trichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,2-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,3-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,4-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	2,4,5-Trichlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	2,4,6-Trichlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	2,4-Dichlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	2,4-Dimethylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	2,4-Dinitrotoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	2,6-Dinitrotoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	2-Chloronaphthalene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	2-Chlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	2-Methylnaphthalene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	2-Methylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	2-Nitroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	2-Nitrophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	3 and/or 4-Methylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	3-Nitroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	4-Bromophenyl phenyl ether	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	4-Chloro-3-methylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	4-Chloroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	4-Chlorophenyl phenyl ether	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	4-Nitroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	4-Nitrophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	Acenaphthene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Acenaphthylene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Anthracene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Benzo(a)anthracene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
29	Benzo(a)pyrene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Benzo(b)fluoranthene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Benzo(g,h,i)perylene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Benzo(k)fluoranthene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No			Borehole →	E11-175	E11-176	E11-176	E11-176	E11-176	E11-177	E11-177	E11-177	E11-177	E11-178
			Sample ID →	S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
	Analyte↓		Depth, m →	~7.25	0.0~0.5	~2.0	~5.0	~10.0	0.4~0.9	~2.4	~5.4	~9.0	0.0~0.5
33	Bis(2-Chloroethoxy)methane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bis(2-Chloroethyl)ether	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Bis(2-Chloroisopropyl)ether	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Bis(2-Ethylhexyl)phthalate	µg/kg		ND	83.8 J	39.4 J	55.2 J	ND	297 J	ND	ND	ND	27 J
37	Butyl benzyl phthalate	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chrysene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Dibenz(a,h)anthracene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Dibenzofuran	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	Diethyl phthalate	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	Dimethyl phthalate	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Di-n-butyl phthalate	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Di-n-octyl phthalate	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Fluoranthene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Fluorene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Hexachlorobutadiene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	Hexachlorocyclopentadiene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Hexachloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Isophorone	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	Naphthalene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	Nitrobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	n-Nitrosodi-n-propylamine	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	Pentachlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Phenanthrene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	Phenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	Pyrene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No			Borehole →	E11-178	E11-178	E11-178	E11-179	E11-179	E11-179	E11-179	E11-180	E11-180	E11-180
			Sample ID →	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3
	Analyte↓		Depth, m →	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0
1	1,2,4-Trichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,2-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,3-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,4-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	2,4,5-Trichlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	2,4,6-Trichlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	2,4-Dichlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	2,4-Dimethylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	2,4-Dinitrotoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	2,6-Dinitrotoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	2-Chloronaphthalene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	2-Chlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	2-Methylnaphthalene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	2-Methylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	30.9 J
15	2-Nitroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	2-Nitrophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	3 and/or 4-Methylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	37.8 J
18	3-Nitroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	4-Bromophenyl phenyl ether	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	4-Chloro-3-methylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	4-Chloroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	4-Chlorophenyl phenyl ether	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	4-Nitroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	4-Nitrophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	Acenaphthene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Acenaphthylene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Anthracene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Benzo(a)anthracene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
29	Benzo(a)pyrene	µg/kg		ND	ND	ND	56.7 J	ND	ND	ND	ND	ND	ND
30	Benzo(b)fluoranthene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Benzo(g,h,i)perylene	µg/kg		ND	ND	ND	73.4 J	ND	ND	ND	ND	ND	ND
32	Benzo(k)fluoranthene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-178	E11-178	E11-178	E11-179	E11-179	E11-179	E11-179	E11-180	E11-180	E11-180
		Sample ID →	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3
	Analyte↓	Depth, m →	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0
33	Bis(2-Chloroethoxy)methane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bis(2-Chloroethyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Bis(2-Chloroisopropyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Bis(2-Ethylhexyl)phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	93.6 J	ND	ND
37	Butyl benzyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chrysene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Dibenz(a,h)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Dibenzofuran	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	Diethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	Dimethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Di-n-butyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Di-n-octyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Fluorene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	Hexachlorocyclopentadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Hexachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Isophorone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	Naphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	Nitrobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	n-Nitrosodi-n-propylamine	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	Pentachlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Phenanthrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	Phenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	Pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No			Borehole →	E11-180	E11-181	E11-181	E11-181	E11-182	E11-182	E11-182	E11-182	E11-183	E11-183
			Sample ID →	S4	S1	S2	S3	S1	S2	S3	S4	S1	S2
	Analyte↓		Depth, m →	~10.0	0.0~0.5	~2.0	~5.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	1,2,4-Trichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,2-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,3-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,4-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	2,4,5-Trichlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	2,4,6-Trichlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	2,4-Dichlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	2,4-Dimethylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	2,4-Dinitrotoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	2,6-Dinitrotoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	2-Chloronaphthalene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	2-Chlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	2-Methylnaphthalene	µg/kg		58.8 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	2-Methylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	2-Nitroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	2-Nitrophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	3 and/or 4-Methylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	3-Nitroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	4-Bromophenyl phenyl ether	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	4-Chloro-3-methylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	4-Chloroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	4-Chlorophenyl phenyl ether	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	4-Nitroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	4-Nitrophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	Acenaphthene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Acenaphthylene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Anthracene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Benzo(a)anthracene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
29	Benzo(a)pyrene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Benzo(b)fluoranthene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Benzo(g,h,i)perylene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Benzo(k)fluoranthene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No	Borehole →		E11-180	E11-181	E11-181	E11-181	E11-182	E11-182	E11-182	E11-182	E11-183	E11-183
	Sample ID →		S4	S1	S2	S3	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	~10.0	0.0~0.5	~2.0	~5.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
33	Bis(2-Chloroethoxy)methane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bis(2-Chloroethyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Bis(2-Chloroisopropyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Bis(2-Ethylhexyl)phthalate	µg/kg	ND	56.4 J	ND	ND	35.1 J	108 J	58 J	35 J	ND	ND
37	Butyl benzyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chrysene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Dibenz(a,h)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Dibenzofuran	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	Diethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	Dimethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Di-n-butyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Di-n-octyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Fluorene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	Hexachlorocyclopentadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Hexachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Isophorone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	Naphthalene	µg/kg	44.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	Nitrobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	n-Nitrosodi-n-propylamine	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	Pentachlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Phenanthrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	Phenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	Pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No	Borehole →		E11-183	E11-183	E11-184	E11-184	E11-184	E11-184	E11-185	E11-185	E11-185	E11-185
	Sample ID →		S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~8.75	0.0~0.5	~2.0	~5.0	~8.8
1	1,2,4-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,2-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,3-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,4-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	2,4,5-Trichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	2,4,6-Trichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	2,4-Dichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	2,4-Dimethylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	2,4-Dinitrotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	2,6-Dinitrotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	2-Chloronaphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	2-Chlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	2-Methylnaphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	2-Methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	2-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	2-Nitrophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	3 and/or 4-Methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	3-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	4-Bromophenyl phenyl ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	4-Chloro-3-methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	4-Chloroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	4-Chlorophenyl phenyl ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	4-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	4-Nitrophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	Acenaphthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Acenaphthylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Benzo(a)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
29	Benzo(a)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Benzo(b)fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Benzo(g,h,i)perylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Benzo(k)fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-183	E11-183	E11-184	E11-184	E11-184	E11-184	E11-185	E11-185	E11-185	E11-185
		Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~8.75	0.0~0.5	~2.0	~5.0	~8.8
33	Bis(2-Chloroethoxy)methane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bis(2-Chloroethyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Bis(2-Chloroisopropyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Bis(2-Ethylhexyl)phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Butyl benzyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chrysene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Dibenz(a,h)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Dibenzofuran	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	Diethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	Dimethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Di-n-butyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Di-n-octyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Fluorene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	Hexachlorocyclopentadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Hexachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Isophorone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	Naphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	Nitrobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	n-Nitrosodi-n-propylamine	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	Pentachlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Phenanthrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	Phenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	Pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-186	E11-186	E11-186	E11-186	E11-187	E11-187	E11-187	E11-187	E11-188	E11-188
		Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~8.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	1,2,4-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,2-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,3-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,4-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	2,4,5-Trichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	2,4,6-Trichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	2,4-Dichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	2,4-Dimethylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	2,4-Dinitrotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	2,6-Dinitrotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	2-Chloronaphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	2-Chlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	2-Methylnaphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	2-Methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	2-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	2-Nitrophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	3 and/or 4-Methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	3-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	4-Bromophenyl phenyl ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	4-Chloro-3-methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	4-Chloroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	4-Chlorophenyl phenyl ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	4-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	4-Nitrophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	Acenaphthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Acenaphthylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Benzo(a)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
29	Benzo(a)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Benzo(b)fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Benzo(g,h,i)perylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Benzo(k)fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-186	E11-186	E11-186	E11-186	E11-187	E11-187	E11-187	E11-187	E11-188	E11-188
		Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~8.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
33	Bis(2-Chloroethoxy)methane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bis(2-Chloroethyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Bis(2-Chloroisopropyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Bis(2-Ethylhexyl)phthalate	µg/kg	ND	ND	ND	57.8 J	ND	27 J	ND	ND	ND	ND
37	Butyl benzyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chrysene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Dibenz(a,h)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Dibenzofuran	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	Diethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	Dimethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Di-n-butyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Di-n-octyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Fluorene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	Hexachlorocyclopentadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Hexachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Isophorone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	Naphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	Nitrobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	n-Nitrosodi-n-propylamine	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	Pentachlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Phenanthrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	Phenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	Pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No			Borehole →	E11-188	E11-188	E11-189	E11-189	E11-189	E11-189	E11-190	E11-190	E11-190	E11-190
			Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓		Depth, m →	~5.0	~9.6	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~10.0
1	1,2,4-Trichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,2-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,3-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,4-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	2,4,5-Trichlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	2,4,6-Trichlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	2,4-Dichlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	2,4-Dimethylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	2,4-Dinitrotoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	2,6-Dinitrotoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	2-Chloronaphthalene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	2-Chlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	2-Methylnaphthalene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	2-Methylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	2-Nitroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	2-Nitrophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	3 and/or 4-Methylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	3-Nitroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	4-Bromophenyl phenyl ether	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	4-Chloro-3-methylphenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	4-Chloroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	4-Chlorophenyl phenyl ether	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	4-Nitroaniline	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	4-Nitrophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	Acenaphthene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Acenaphthylene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Anthracene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Benzo(a)anthracene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
29	Benzo(a)pyrene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Benzo(b)fluoranthene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Benzo(g,h,i)perylene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Benzo(k)fluoranthene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No	Analyte↓		Borehole →	E11-188	E11-188	E11-189	E11-189	E11-189	E11-189	E11-190	E11-190	E11-190	E11-190
			Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
			Depth, m →	~5.0	~9.6	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~10.0
33	Bis(2-Chloroethoxy)methane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bis(2-Chloroethyl)ether	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Bis(2-Chloroisopropyl)ether	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Bis(2-Ethylhexyl)phthalate	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	42 J
37	Butyl benzyl phthalate	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chrysene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Dibenz(a,h)anthracene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Dibenzofuran	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	Diethyl phthalate	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	Dimethyl phthalate	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Di-n-butyl phthalate	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Di-n-octyl phthalate	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Fluoranthene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Fluorene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Hexachlorobutadiene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	Hexachlorocyclopentadiene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Hexachloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Isophorone	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	Naphthalene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	Nitrobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	n-Nitrosodi-n-propylamine	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	Pentachlorophenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Phenanthrene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	Phenol	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	Pyrene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-191	E11-191	E11-191	E11-191	E11-192	E11-192	E11-192	E11-192	E11-193	E11-193
	Analyte↓	Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
		Depth, m →	0.0~0.5	~2.0	~5.0	~7.7	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	1,2,4-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,2-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,3-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,4-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	2,4,5-Trichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	2,4,6-Trichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	2,4-Dichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	2,4-Dimethylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	2,4-Dinitrotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	2,6-Dinitrotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	2-Chloronaphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	2-Chlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	2-Methylnaphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	2-Methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	2-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	2-Nitrophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	3 and/or 4-Methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	3-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	4-Bromophenyl phenyl ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	4-Chloro-3-methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	4-Chloroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	4-Chlorophenyl phenyl ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	4-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	4-Nitrophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	Acenaphthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Acenaphthylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Benzo(a)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
29	Benzo(a)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Benzo(b)fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Benzo(g,h,i)perylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Benzo(k)fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-191	E11-191	E11-191	E11-191	E11-192	E11-192	E11-192	E11-192	E11-193	E11-193
		Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~7.7	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
33	Bis(2-Chloroethoxy)methane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bis(2-Chloroethyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Bis(2-Chloroisopropyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Bis(2-Ethylhexyl)phthalate	µg/kg	ND	50.7 J	49.8 J	261 J	708	ND	150 J	ND	ND	ND
37	Butyl benzyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chrysene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Dibenz(a,h)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Dibenzofuran	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	Diethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	Dimethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Di-n-butyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Di-n-octyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Fluorene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	Hexachlorocyclopentadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Hexachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Isophorone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	Naphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	Nitrobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	n-Nitrosodi-n-propylamine	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	Pentachlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Phenanthrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	Phenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	Pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-193	E11-193	E11-194	E11-194	E11-194	E11-194	E11-195	E11-195	E11-195	E11-195
		Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~8.6	0.3~0.8	~2.0	~5.0	~10.0	0.3~0.8	~2.0	~5.0	~10.0
1	1,2,4-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,2-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,3-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,4-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	2,4,5-Trichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	2,4,6-Trichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	2,4-Dichlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	2,4-Dimethylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	2,4-Dinitrotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	2,6-Dinitrotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	2-Chloronaphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	2-Chlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	2-Methylnaphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	2-Methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	2-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	2-Nitrophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	3 and/or 4-Methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	3-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	4-Bromophenyl phenyl ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	4-Chloro-3-methylphenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	4-Chloroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	4-Chlorophenyl phenyl ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	4-Nitroaniline	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	4-Nitrophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	Acenaphthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Acenaphthylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Benzo(a)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
29	Benzo(a)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Benzo(b)fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Benzo(g,h,i)perylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Benzo(k)fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-193	E11-193	E11-194	E11-194	E11-194	E11-194	E11-195	E11-195	E11-195	E11-195
		Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~8.6	0.3~0.8	~2.0	~5.0	~10.0	0.3~0.8	~2.0	~5.0	~10.0
33	Bis(2-Chloroethoxy)methane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bis(2-Chloroethyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Bis(2-Chloroisopropyl)ether	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Bis(2-Ethylhexyl)phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Butyl benzyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chrysene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Dibenz(a,h)anthracene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Dibenzofuran	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	Diethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	Dimethyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Di-n-butyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Di-n-octyl phthalate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Fluoranthene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Fluorene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	Hexachlorocyclopentadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Hexachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Isophorone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	Naphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	Nitrobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	n-Nitrosodi-n-propylamine	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	Pentachlorophenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Phenanthrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	Phenol	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	Pyrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No			Borehole →	E11-196	E11-196	E11-196	E11-196
			Sample ID →	S1	S2	S3	S4
	Analyte↓		Depth, m →	0.3~0.8	~2.3	~5.3	~10.3
1	1,2,4-Trichlorobenzene	µg/kg		ND	ND	ND	ND
2	1,2-Dichlorobenzene	µg/kg		ND	ND	ND	ND
3	1,3-Dichlorobenzene	µg/kg		ND	ND	ND	ND
4	1,4-Dichlorobenzene	µg/kg		ND	ND	ND	ND
5	2,4,5-Trichlorophenol	µg/kg		ND	ND	ND	ND
6	2,4,6-Trichlorophenol	µg/kg		ND	ND	ND	ND
7	2,4-Dichlorophenol	µg/kg		ND	ND	ND	ND
8	2,4-Dimethylphenol	µg/kg		ND	ND	ND	ND
9	2,4-Dinitrotoluene	µg/kg		ND	ND	ND	ND
10	2,6-Dinitrotoluene	µg/kg		ND	ND	ND	ND
11	2-Chloronaphthalene	µg/kg		ND	ND	ND	ND
12	2-Chlorophenol	µg/kg		ND	ND	ND	ND
13	2-Methylnaphthalene	µg/kg		ND	ND	ND	ND
14	2-Methylphenol	µg/kg		ND	ND	ND	ND
15	2-Nitroaniline	µg/kg		ND	ND	ND	ND
16	2-Nitrophenol	µg/kg		ND	ND	ND	ND
17	3 and/or 4-Methylphenol	µg/kg		ND	ND	ND	ND
18	3-Nitroaniline	µg/kg		ND	ND	ND	ND
19	4-Bromophenyl phenyl ether	µg/kg		ND	ND	ND	ND
20	4-Chloro-3-methylphenol	µg/kg		ND	ND	ND	ND
21	4-Chloroaniline	µg/kg		ND	ND	ND	ND
22	4-Chlorophenyl phenyl ether	µg/kg		ND	ND	ND	ND
23	4-Nitroaniline	µg/kg		ND	ND	ND	ND
24	4-Nitrophenol	µg/kg		ND	ND	ND	ND
25	Acenaphthene	µg/kg		ND	ND	ND	ND
26	Acenaphthylene	µg/kg		ND	ND	ND	ND
27	Anthracene	µg/kg		ND	ND	ND	ND
28	Benzo(a)anthracene	µg/kg		ND	ND	ND	ND
29	Benzo(a)pyrene	µg/kg		ND	ND	ND	ND
30	Benzo(b)fluoranthene	µg/kg		ND	ND	ND	ND
31	Benzo(g,h,i)perylene	µg/kg		ND	ND	ND	ND
32	Benzo(k)fluoranthene	µg/kg		ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

No		Borehole →	E11-196	E11-196	E11-196	E11-196
		Sample ID →	S1	S2	S3	S4
	Analyte↓	Depth, m →	0.3~0.8	~2.3	~5.3	~10.3
33	Bis(2-Chloroethoxy)methane	µg/kg	ND	ND	ND	ND
34	Bis(2-Chloroethyl)ether	µg/kg	ND	ND	ND	ND
35	Bis(2-Chloroisopropyl)ether	µg/kg	ND	ND	ND	ND
36	Bis(2-Ethylhexyl)phthalate	µg/kg	ND	ND	ND	ND
37	Butyl benzyl phthalate	µg/kg	ND	ND	ND	ND
38	Chrysene	µg/kg	ND	ND	ND	ND
39	Dibenz(a,h)anthracene	µg/kg	ND	ND	ND	ND
40	Dibenzofuran	µg/kg	ND	ND	ND	ND
41	Diethyl phthalate	µg/kg	ND	ND	ND	ND
42	Dimethyl phthalate	µg/kg	ND	ND	ND	ND
43	Di-n-butyl phthalate	µg/kg	ND	ND	ND	ND
44	Di-n-octyl phthalate	µg/kg	ND	ND	ND	ND
45	Fluoranthene	µg/kg	ND	ND	ND	ND
46	Fluorene	µg/kg	ND	ND	ND	ND
47	Hexachlorobenzene	µg/kg	ND	ND	ND	ND
48	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND
49	Hexachlorocyclopentadiene	µg/kg	ND	ND	ND	ND
50	Hexachloroethane	µg/kg	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	µg/kg	ND	ND	ND	ND
52	Isophorone	µg/kg	ND	ND	ND	ND
53	Naphthalene	µg/kg	ND	ND	ND	ND
54	Nitrobenzene	µg/kg	ND	ND	ND	ND
55	n-Nitrosodi-n-propylamine	µg/kg	ND	ND	ND	ND
56	Pentachlorophenol	µg/kg	ND	ND	ND	ND
57	Phenanthrene	µg/kg	ND	ND	ND	ND
58	Phenol	µg/kg	ND	ND	ND	ND
59	Pyrene	µg/kg	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 9. Summary of Metal Results for Phase II and IIb Soil Samples

No		Borehole →	E11-154	E11-154	E11-155	E11-155	E11-156	E11-156	E11-156	E11-157	E11-157	E11-157
		Sample ID →	S1	S2	S1	S2	S1	S2	S3	S1	S2	S3
	Analyte↓	Depth, m →	0.0~0.5	~2.3	0.0~0.5	~1.8	0.0~0.5	~2.0	~6.45	0.0~0.5	~2.0	~4.5
1	Arsenic	mg/kg	15.6	3.48	308	40.1	4.75	4.48	3.17	2.95	4.58	1.82
2	Barium	mg/kg	91.4	55	111	63.7	87.6	80.2	63.7	71.1	78.9	72.6
3	Cadmium	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	Chromium	mg/kg	3.58	3.8	3.5	4.02	4.11	6.54	6.38	4.41	3.91	4.31
5	Lead	mg/kg	19	10.2	19.7	7.62	8.89	10.6	9.53	9	14	5.96
6	Mercury	mg/kg	ND	0.00161 J	0.00453 J	0.00631 J	ND	0.0016 J	0.00511 J	0.00682 J	0.00448 J	0.00269 J
7	Selenium	mg/kg	0.792 J	0.99 J	ND	0.665 J	ND	0.884 J	0.454 J	ND	0.442 J	0.932 J
8	Silver	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 9. Continued

No		Borehole →	E11-158	E11-158	E11-158	E11-158	E11-159	E11-159	E11-159	E11-159	E11-160	E11-160
		Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~8.5	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	Arsenic	mg/kg	4.93	5.08	7.42	2.16	4.72	4.94	5.97	4.46	2.7	2.99
2	Barium	mg/kg	69.7	103	45.9	78.4	89.4	104	89.2	64.5	101	108
3	Cadmium	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	Chromium	mg/kg	3.2	4.22	9.05	4.72	3.59	4.43	7.6	7.95	5.12	4.14
5	Lead	mg/kg	17.6	11.6	17.2	7.83	9.6	9.37	13.2	12.2	6	6.63
6	Mercury	mg/kg	0.00683 J	0.00669 J	0.00549 J	0.00413 J	0.00571 J	0.00488 J	0.00926 J	0.0145 J	0.00355 J	0.00183 J
7	Selenium	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	Silver	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 9. Continued

No		Borehole →	E11-160	E11-161	E11-161	E11-161	E11-161	E11-162	E11-162	E11-163	E11-163	E11-163
		Sample ID →	S3	S1	S2	S3	S4	S1	S2	S1	S2	S3
	Analyte↓	Depth, m →	~3.4	0.0~0.5	~2.0	~5.0	~7.9	0.0~0.5	~1.52	0.0~0.5	~2.0	~5.0
1	Arsenic	mg/kg	3.28	2.65	13.7	6.92	3.3	5.07	3.03	76.6	7.3	4.33
2	Barium	mg/kg	83.8	80.4	91	80.9	101	73.3	58	112	106	76.8
3	Cadmium	mg/kg	ND	ND	ND	ND	ND	ND	ND	1.65	1.51	ND
4	Chromium	mg/kg	5.91	4.08	4.58	15.2	2.85	3.07	2.74	2.4	4.79	5.46
5	Lead	mg/kg	6.88	7.15	13.2	15.7	9.39	11.8	7.31	31.7	22	9.21
6	Mercury	mg/kg	0.00159 J	ND	ND	0.00276 J	ND	ND	ND	0.00812 J	0.0104 J	0.00613 J
7	Selenium	mg/kg	1.03 J	0.446 J	ND	0.908 J	ND	0.4 J	0.744 J	ND	ND	ND
8	Silver	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 9. Continued

No		Borehole →	E11-163	E11-164	E11-164	E11-164	E11-164	E11-165	E11-165	E11-165	E11-165	E11-166
		Sample ID →	S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~10.0	0.0~0.5	~2.0	~5.0	~11.0	0.0~0.5	~2.0	~5.0	~10.0	0.3~0.8
1	Arsenic	mg/kg	2.95	6.02	5.61	4.51	3.3	6.8	14.6	4.79	8.44	4.34
2	Barium	mg/kg	128	77.9	105	90.3	84.9	70.5	75.2	95.7	73.3	80.7
3	Cadmium	mg/kg	ND	ND	1.16	1.17	ND	0.817	1.72	1.13	ND	ND
4	Chromium	mg/kg	3.44	3.64	3.82	5.67	4.14	3.11	2.94	4.17	11.7	4.19
5	Lead	mg/kg	6.39	15.4	15	11.4	7.64	15.6	34.1	15.2	28.8	14.1
6	Mercury	mg/kg	0.00716 J	0.00438 J	0.00104 J	0.00968 J	0.00631 J	0.00549 J	0.00488 J	ND	0.00483 J	0.00493 J
7	Selenium	mg/kg	ND	0.574 J	ND	ND	ND	0.501 J	ND	0.542 J	0.496 J	ND
8	Silver	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 9. Continued

No		Borehole →	E11-166	E11-167	E11-167	E11-167	E11-168	E11-168	E11-169	E11-169	E11-170	E11-170
		Sample ID →	S2	S1	S2	S3	S1	S2	S1	S2	S1	S2
	Analyte↓	Depth, m →	~2.7	0.0~0.5	~2.0	~5.5	0.0~0.5	~3.0	0.0~0.5	~1.8	0.0~0.5	~2.0
1	Arsenic	mg/kg	2.85	6.72	5.39	4.92	3.22	4.98	4.51	5.11	3.49	6.62
2	Barium	mg/kg	78.2	81.6	81.6	74.8	77.4	64.3	62.6	54.7	62.3	79.3
3	Cadmium	mg/kg	ND	0.789	0.817	ND	0.578	0.527	0.811	0.927	0.641	0.668
4	Chromium	mg/kg	3.24	6.33	3.92	10.2	11.5	3.49	5.05	2.28	7.37	15.9
5	Lead	mg/kg	5.51	24.4	15.7	10.5	14.4	5.22	21.8	23.7	18.6	14
6	Mercury	mg/kg	0.0024 J	0.00962 J	0.00937 J	0.0126 J	0.0202	ND	0.0171 J	0.00345 J	0.00552 J	0.0142 J
7	Selenium	mg/kg	0.836 J	ND	0.462 J	0.605 J	0.439 J	ND	ND	ND	0.428 J	1.15 J
8	Silver	mg/kg	ND	ND	ND	ND	0.367 J	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

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Table 9. Continued

No		Borehole →	E11-170	E11-170	E11-171	E11-171	E11-171	E11-172	E11-172	E11-172	E11-172	E11-173
		Sample ID →	S3	S4	S1	S2	S3	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~5.0	~7.5	0.0~0.5	~2.0	~6.5	0.0~0.5	~2.0	~5.0	~8.7	0.0~0.5
1	Arsenic	mg/kg	16.4	3.48	2.98	11.2	4.27	5.73	4.42	7.23	5.96	2.54
2	Barium	mg/kg	77.2	82.9	88.3	85.6	77.4	93.2	83.6	70.7	92.6	32.9
3	Cadmium	mg/kg	0.659	0.448 J	0.712	0.92	0.763	0.9	0.752	0.734	0.812	ND
4	Chromium	mg/kg	9.43	4.63	8.75	5.41	6	6.36	2.78	3.62	5.33	9.56
5	Lead	mg/kg	23.3	7.97	14.9	28.9	25.1	18.3	16.4	20.9	12	14.5
6	Mercury	mg/kg	0.00581 J	ND	0.0238	0.00748 J	0.0105 J	0.00768 J	0.00504 J	0.00205 J	0.00211 J	0.0158 J
7	Selenium	mg/kg	0.479 J	0.89 J	0.594 J	ND	ND	ND	ND	ND	0.977 J	ND
8	Silver	mg/kg	ND	ND	0.157 J	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 9. Continued

No		Borehole →	E11-173	E11-173	E11-173	E11-174	E11-174	E11-174	E11-174	E11-175	E11-175	E11-175
		Sample ID →	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3
	Analyte↓	Depth, m →	~2.0	~5.0	~10.0	0.3~0.8	~2.3	2.3~5.3	~8.9	0.0~0.5	~2.0	~5.0
1	Arsenic	mg/kg	8.59	4.19	4.35	3.85	4.26	7.85	5.66	8.36	5.48	5.53
2	Barium	mg/kg	73	80.7	64.6	62.9	90.8	75.9	83	61.5	77.8	84.4
3	Cadmium	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	Chromium	mg/kg	19.6	5.4	11.1	8.72	5.85	3.43	8.98	3.6	4.53	5.73
5	Lead	mg/kg	14	12.3	18.9	12.2	16.3	13.1	18.9	13.8	14.8	21
6	Mercury	mg/kg	0.0153 J	0.00672 J	0.00797 J	0.00849 J	0.00666 J	0.002 J	0.00371 J	0.0307	ND	ND
7	Selenium	mg/kg	0.811 J	0.742 J	ND	ND	ND	0.85 J	1.32 J	0.426 J	0.696 J	ND
8	Silver	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 9. Continued

No		Borehole →	E11-175	E11-176	E11-176	E11-176	E11-176	E11-177	E11-177	E11-177	E11-177	E11-178
		Sample ID →	S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~7.25	0.0~0.5	~2.0	~5.0	~10.0	0.4~0.9	~2.4	~5.4	~9.0	0.0~0.5
1	Arsenic	mg/kg	5.9	3.29	6.54	4.63	4.9	5.35	6.18	7.8	3.8	7.21
2	Barium	mg/kg	65.8	43.9	64.9	87	67.1	69.7	87.5	76.7	70	99.7
3	Cadmium	mg/kg	ND	ND	ND	ND	ND	1.07	0.757	0.676	0.568	0.965
4	Chromium	mg/kg	8.62	9.08	18.8	5.03	9.62	10.7	4.26	3.09	5.66	5.5
5	Lead	mg/kg	26.8	17.1	14.6	10.2	20.2	28	13.3	14.8	10.8	29.2
6	Mercury	mg/kg	ND	0.0104 J	0.0166 J	ND	ND	0.0155 J	0.0252	ND	0.0046 J	0.00395 J
7	Selenium	mg/kg	ND	ND	0.911 J	0.753 J	ND	ND	ND	ND	ND	ND
8	Silver	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 9. Continued

No		Borehole →	E11-178	E11-178	E11-178	E11-179	E11-179	E11-179	E11-179	E11-180	E11-180	E11-180
		Sample ID →	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3
	Analyte↓	Depth, m →	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0
1	Arsenic	mg/kg	7.33	4.52	3.17	6.81	3.98	10.4	24.6	5.15	7.34	7.64
2	Barium	mg/kg	132	66.6	72.5	119	77.7	77.3	73.5	91.7	105	101
3	Cadmium	mg/kg	1.4	0.8	0.456 J	ND	ND	ND	ND	0.713	ND	ND
4	Chromium	mg/kg	4.23	4.52	5.3	5.37	5.22	3.99	6.76	5.09	4.09	4.54
5	Lead	mg/kg	24.9	12.5	12.2	23.7	15.8	15.2	12.4	11.5	24	13
6	Mercury	mg/kg	0.00242 J	0.00334 J	0.00345 J	ND	0.0171 J	ND	0.0261	0.00318 J	0.00416 J	0.00187 J
7	Selenium	mg/kg	0.717 J	0.716 J	0.689 J	0.966 J	0.458 J	0.615 J	1.48 J	0.606 J	ND	ND
8	Silver	mg/kg	ND	ND	ND	ND	ND	ND	ND	2.34	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 9. Continued

No		Borehole →	E11-180	E11-181	E11-181	E11-181	E11-182	E11-182	E11-182	E11-182	E11-183	E11-183
		Sample ID →	S4	S1	S2	S3	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	~10.0	0.0~0.5	~2.0	~5.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	Arsenic	mg/kg	6.65	5.77	4.17	3.69	4.91	6.11	5.09	4.5	3.05	9.01
2	Barium	mg/kg	90.1	92.5	103	95.1	100	95.5	79.8	89.8	90.8	87.8
3	Cadmium	mg/kg	0.652	ND	1.41	1.48	ND	ND	1.54	ND	ND	ND
4	Chromium	mg/kg	10.1	4.26	2.84	3.73	3.4	3.48	3.82	6.7	3.31	2.93
5	Lead	mg/kg	19.4	12.4	10.3	18.7	13.2	15.5	15.3	15.6	6.84	27.7
6	Mercury	mg/kg	0.00467 J	0.00344 J	0.0034 J	0.00571 J	0.00342 J	0.00329 J	0.00437 J	0.00392 J	0.00115 J	0.003 J
7	Selenium	mg/kg	0.439 J	0.752 J	0.448 J	0.954 J	0.529 J	1.02 J	1.02 J	1.24 J	0.923 J	ND
8	Silver	mg/kg	0.162 J	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 9. Continued

No			Borehole →	E11-183	E11-183	E11-184	E11-184	E11-184	E11-184	E11-185	E11-185	E11-185	E11-185
			Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓		Depth, m →	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~8.75	0.0~0.5	~2.0	~5.0	~8.8
1	Arsenic	mg/kg		5.06	4.32	5.68	4.8	3.25	2.33	4.13	4.57	3.03	4.52
2	Barium	mg/kg		84.2	65.8	69.7	88.5	74.1	61	80.4	87.4	78.4	102
3	Cadmium	mg/kg		ND	ND	0.773	0.766	0.595	ND	0.742	1.19	0.607	0.549 J
4	Chromium	mg/kg		4.1	5.91	3.42	3.86	4.48	3.82	3.93	3.39	3.64	12.5
5	Lead	mg/kg		16.9	12.6	15.4	14	10.2	4.35	13.4	24.5	12.1	13.6
6	Mercury	mg/kg		0.00258 J	0.00953 J	0.0297	0.0035 J	0.00356 J	0.00117 J	0.00327 J	0.00288 J	ND	0.00355 J
7	Selenium	mg/kg		0.779 J	0.825 J	ND	ND	0.6 J	ND	ND	ND	ND	0.819 J
8	Silver	mg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 9. Continued

No		Borehole →	E11-186	E11-186	E11-186	E11-186	E11-187	E11-187	E11-187	E11-187	E11-188	E11-188
		Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~8.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	Arsenic	mg/kg	5.47	4.25	5.9	3.94	5.41	5.48	3.91	3.51	8.04	4.97
2	Barium	mg/kg	84.1	69.8	81.6	80.3	101	94.3	86.3	77.1	89.4	79.1
3	Cadmium	mg/kg	1.12	0.602	0.735	0.56	ND	ND	ND	ND	1.63	ND
4	Chromium	mg/kg	3.47	3.01	4.6	10.1	3.39	4.35	3.76	6.53	4.21	4.46
5	Lead	mg/kg	28.3	10.2	16.1	11.4	14.2	12.4	11.1	12.1	16.5	12.5
6	Mercury	mg/kg	0.0241	0.00557 J	0.00342 J	0.00422 J	0.00243 J	0.0176 J	0.00643 J	0.00331 J	0.00834 J	0.0341
7	Selenium	mg/kg	ND	0.815 J	ND	ND	ND	ND	ND	ND	ND	ND
8	Silver	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 9. Continued

No		Borehole →	E11-188	E11-188	E11-189	E11-189	E11-189	E11-189	E11-190	E11-190	E11-190	E11-190
	Analyte↓	Sample ID → / Depth, m →	S3 / ~5.0	S4 / ~9.6	S1 / 0.0~0.5	S2 / ~2.0	S3 / ~5.0	S4 / ~10.0	S1 / 0.0~0.5	S2 / ~2.0	S3 / ~5.0	S4 / ~10.0
1	Arsenic	mg/kg	56.2	3.22	4.57	8.08	7.42	5.27	9.71	11.6	7.04	2.1
2	Barium	mg/kg	89.5	64	79.3	102	97.7	79.3	88.4	106	104	75.1
3	Cadmium	mg/kg	ND	ND	ND	ND	ND	ND	1.69	ND	1.21	ND
4	Chromium	mg/kg	4.16	6.88	3.58	3.99	3.89	8.37	2.76	3.31	3.3	6.53
5	Lead	mg/kg	16.6	10.2	13.5	13.8	14.1	13.4	15.3	10.7	34.7	9.08
6	Mercury	mg/kg	0.00105 J	0.00693 J	0.0129 J	0.0107 J	0.00167 J	0.00649 J	0.00284 J	0.00241 J	0.00434 J	0.00502 J
7	Selenium	mg/kg	0.576 J	ND	ND	ND	ND	ND	0.688 J	ND	0.554 J	0.756 J
8	Silver	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 9. Continued

No			Borehole →	E11-191	E11-191	E11-191	E11-191	E11-192	E11-192	E11-192	E11-192	E11-193	E11-193
			Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓		Depth, m →	0.0~0.5	~2.0	~5.0	~7.7	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	Arsenic	mg/kg		4.49	1.76	1.25	0.856 J	4.28	8.73	10.1	1.81	4.39	3.32
2	Barium	mg/kg		81.6	101	143	131	92	114	104	88.5	72	65.8
3	Cadmium	mg/kg		ND	ND	ND	ND	ND	1.3	1.35	ND	ND	ND
4	Chromium	mg/kg		3.53	3.21	2.4	3.02	3.91	3.55	5.19	3.49	3.65	3.89
5	Lead	mg/kg		11.1	8	9.45	5.73	10.8	14.1	21.4	8.57	8.36	8.35
6	Mercury	mg/kg		0.00605 J	0.00222 J	ND	ND	0.00592 J	0.00568 J	0.00804 J	0.00756 J	0.00456 J	0.00504 J
7	Selenium	mg/kg		0.629 J	0.636 J	ND	0.732 J	ND	ND	1.15 J	0.565 J	ND	ND
8	Silver	mg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 9. Continued

No		Borehole →	E11-193	E11-193	E11-194	E11-194	E11-194	E11-194	E11-195	E11-195	E11-195	E11-195
		Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~8.6	0.3~0.8	~2.0	~5.0	~10.0	0.3~0.8	~2.0	~5.0	~10.0
1	Arsenic	mg/kg	3.46	2.55	1.28	1.76	4.3	1.69	1.85	2.24	5.77	1.61
2	Barium	mg/kg	53.1	102	76.3	78.6	86.6	101	57	76.6	79.6	84
3	Cadmium	mg/kg	ND	0.67	ND	ND	ND	ND	ND	ND	ND	ND
4	Chromium	mg/kg	3.37	2.08	3.85	3.07	2.28	4.13	3.91	5.1	15.4	4.1
5	Lead	mg/kg	6.23	7.72	6.93	3.19	4.81	4.17	6.8	8.99	13.1	4.83
6	Mercury	mg/kg	0.00567 J	0.0075 J	0.0116 J	0.0073 J	0.0079 J	0.00401 J	0.0046 J	0.00821 J	0.0196 J	0.004 J
7	Selenium	mg/kg	ND	0.485 J	0.631 J	0.433 J	1.1 J	0.781 J	0.999 J	1.11 J	0.965 J	0.504 J
8	Silver	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 9. Continued

No		Borehole →	E11-196	E11-196	E11-196	E11-196
		Sample ID →	S1	S2	S3	S4
	Analyte↓	Depth, m →	0.3~0.8	~2.3	~5.3	~10.3
1	Arsenic	mg/kg	2.23	3.61	2.46	1.68
2	Barium	mg/kg	57.7	53.7	78.9	99.8
3	Cadmium	mg/kg	ND	ND	ND	ND
4	Chromium	mg/kg	4.11	6.81	6.54	3.8
5	Lead	mg/kg	8.06	8.2	8.05	6.91
6	Mercury	mg/kg	0.00506 J	0.0145 J	0.0144 J	0.00626 J
7	Selenium	mg/kg	1.15 J	1.48 J	1.22 J	1.18 J
8	Silver	mg/kg	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 10. Comparison of Duplicate Sample Results in Primary Laboratory

Parameter	Analyte	Unit	Result: E11-154-S1		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	1.04 J EMPC	1.15 J	0.90	0.33-3.00	Agree
	1,2,3,4,7,8-HxCDD	pg/g	0.247 J	< 2.38	-	-	Agree
	1,2,3,4,7,8-HxCDF	pg/g	0.189 J	0.04 J EMPC	4.73	0.33-3.00	Disagree
	1,2,3,6,7,8-HxCDD	pg/g	0.175 J EMPC	< 2.38	-	-	Agree
	1,2,3,6,7,8-HxCDF	pg/g	0.189 J EMPC	0.0419 J	4.51	0.33-3.00	Disagree
	1,2,3,7,8,9-HxCDD	pg/g	0.354 J	< 2.38	-	-	Agree
	1,2,3,7,8,9-HxCDF	pg/g	0.329 J EMPC	< 2.38	-	-	Agree
	1,2,3,7,8-PeCDD	pg/g	0.154 J	< 2.38	-	-	Agree
	1,2,3,7,8-PeCDF	pg/g	0.226 J	< 2.38	-	-	Agree
	2,3,4,6,7,8-HxCDF	pg/g	0.195 J EMPC	< 2.38	-	-	Agree
	2,3,4,7,8-PeCDF	pg/g	0.201 J EMPC	0.0552 J EMPC	3.64	0.33-3.00	Disagree
	2,3,7,8-TCDD	pg/g	< 0.487	0.101 J EMPC	-	-	Agree
	OCDD	pg/g	24.2	31.7	0.76	0.25-4.00	Agree
	OCDF	pg/g	< 4.87	1.27 J EMPC	-	-	Agree
OC-P	4,4'-DDE	µg/kg	1.07 J	1.06 J	1.01	0.33-3.00	Agree
	4,4'-DDT	µg/kg	3.61	3.49	1.03	0.25-4.00	Agree
Metal	Arsenic	mg/kg	15.6	18.9	0.83	0.50-2.00	Agree
	Barium	mg/kg	91.4	89.7	1.02	0.50-2.00	Agree
	Chromium	mg/kg	3.58	3.93	0.91	0.50-2.00	Agree
	Lead	mg/kg	19	19	1.00	0.50-2.00	Agree
	Selenium	mg/kg	0.792 J	0.896 J	0.88	0.33-3.00	Agree

Parameter	Analyte	Unit	Result: E11-154-S2		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	0.429 J	0.505 J EMPC	0.85	0.33-3.00	Agree
	1,2,3,4,6,7,8-HpCDF	pg/g	0.0959 J	< 2.53	-	-	Agree
	2,3,4,7,8-PeCDF	pg/g	< 2.35	0.0707 J EMPC	-	-	Agree
	OCDD	pg/g	16.3	12.2	1.34	0.25-4.00	Agree
OC-P	4,4'-DDD	µg/kg	2.74	9.38	0.29	0.25-4.00	Agree
	4,4'-DDE	µg/kg	1.71 J	2.93 J	0.58	0.33-3.00	Agree
	4,4'-DDT	µg/kg	5.22	5.06	1.03	0.25-4.00	Agree
VOC	2-Butanone	µg/kg	1.82 J	< 25.2	-	-	Agree
	Carbon disulfide	µg/kg	0.976 J	< 5.05	-	-	Agree
Metal	Arsenic	mg/kg	3.48	5.5	0.63	0.50-2.00	Agree
	Barium	mg/kg	55	64.1	0.86	0.50-2.00	Agree
	Chromium	mg/kg	3.8	4.57	0.83	0.50-2.00	Agree
	Lead	mg/kg	10.2	24.1	0.42	0.50-2.00	Disagree
	Mercury	mg/kg	0.00161 J	< 0.0185	-	-	Agree
	Selenium	mg/kg	0.99 J	0.733 J	1.35	0.33-3.00	Agree

Table 10. Continued

Parameter	Analyte	Unit	Result: E11-167-S2		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	3.74	3.97	0.94	0.25-4.00	Agree
	1,2,3,4,6,7,8-HpCDF	pg/g	1.58 J	2.96	0.53	0.33-3.00	Agree
	1,2,3,4,7,8,9-HpCDF	pg/g	< 2.49	0.231 J	-	-	Agree
	1,2,3,4,7,8-HxCDD	pg/g	< 2.49	0.0784 J	-	-	Agree
	1,2,3,4,7,8-HxCDF	pg/g	0.297 J	0.485 J	0.61	0.33-3.00	Agree
	1,2,3,6,7,8-HxCDD	pg/g	< 2.49	0.285 J	-	-	Agree
	1,2,3,6,7,8-HxCDF	pg/g	0.205 J EMPC	0.357 J	0.57	0.33-3.00	Agree
	1,2,3,7,8,9-HxCDD	pg/g	< 2.49	0.173 J EMPC	-	-	Agree
	1,2,3,7,8,9-HxCDF	pg/g	< 2.49	0.155 J EMPC	-	-	Agree
	1,2,3,7,8-PeCDD	pg/g	0.116 J EMPC	0.138 J EMPC	0.84	0.33-3.00	Agree
	1,2,3,7,8-PeCDF	pg/g	0.243 J EMPC	0.287 J EMPC	0.85	0.33-3.00	Agree
	2,3,4,7,8-PeCDF	pg/g	0.152 J	0.242 J EMPC	0.63	0.33-3.00	Agree
	2,3,7,8-TCDD	pg/g	< 0.498	0.142 J EMPC	-	-	Agree
	2,3,7,8-TCDF	pg/g	< 0.498	0.619	0.80	0.33-3.00	Agree
	OCDD	pg/g	70.1	70.9	0.99	0.25-4.00	Agree
	OCDF	pg/g	2.77 J	3.42 J	0.81	0.33-3.00	Agree
OC-P	4,4'-DDD	µg/kg	617	1850	0.33	0.25-4.00	Agree
	4,4'-DDE	µg/kg	297 J	302	0.98	0.33-3.00	Agree
	4,4'-DDT	µg/kg	9150	11100	0.82	0.25-4.00	Agree
	alpha-BHC	µg/kg	47.8	< 164	-	-	Agree
	alpha-Chlordane	µg/kg	3.29 J	4.57	0.72	0.33-3.00	Agree
	beta-BHC	µg/kg	24.3	16.5	1.47	0.25-4.00	Agree
	delta-BHC	µg/kg	56.5	< 164	-	-	Agree
	Dieldrin	µg/kg	52.9	88.6 J	0.60	0.33-3.00	Agree
	gamma-BHC (Lindane)	µg/kg	870	883	0.99	0.25-4.00	Agree
	gamma-Chlordane	µg/kg	3.69 J	5.55	0.66	0.33-3.00	Agree
VOC	2-Butanone	µg/kg	4.48 J	3.4 J	1.32	0.33-3.00	Agree
	Acetone	µg/kg	31.6 J	22.4 J	1.41	0.33-3.00	Agree
	Methyl iodide	µg/kg	1.75 J	1.8 J	0.97	0.33-3.00	Agree
	Tetrachloroethene	µg/kg	< 4.25	0.784 J	-	-	Agree
SVOC	Bis(2-Ethylhexyl)phthalate	µg/kg	163 J	101 J	1.61	0.33-3.00	Agree
Metal	Arsenic	mg/kg	5.39	5.62	0.96	0.50-2.00	Agree
	Barium	mg/kg	81.6	81.9	1.00	0.50-2.00	Agree
	Cadmium	mg/kg	0.817	0.639	1.28	0.50-2.00	Agree
	Chromium	mg/kg	3.92	5.79	0.68	0.50-2.00	Agree
	Lead	mg/kg	15.7	11.3	1.39	0.50-2.00	Agree
	Mercury	mg/kg	0.00937 J	0.0103 J	0.91	0.33-3.00	Agree
	Silver	mg/kg	0.365 J	0.309 J	1.18	0.33-3.00	Agree

Table 10. Continued

Parameter	Analyte	Unit	Result: E11-178-S1		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	46.5	17	2.74	0.25-4.00	Agree
	1,2,3,4,6,7,8-HpCDF	pg/g	19.7	5.42	3.63	0.25-4.00	Agree
	1,2,3,4,7,8,9-HpCDF	pg/g	0.727 J EMPC	0.31 J	2.35	0.33-3.00	Agree
	1,2,3,4,7,8-HxCDD	pg/g	0.491 J EMPC	0.194 J	2.53	0.33-3.00	Agree
	1,2,3,4,7,8-HxCDF	pg/g	0.958 J	0.383 J	2.50	0.33-3.00	Agree
	1,2,3,6,7,8-HxCDD	pg/g	1.94 J	0.649 J	2.99	0.33-3.00	Agree
	1,2,3,6,7,8-HxCDF	pg/g	0.737 J	0.319 J EMPC	2.31	0.33-3.00	Agree
	1,2,3,7,8,9-HxCDD	pg/g	0.583 J	0.329 J	1.77	0.33-3.00	Agree
	1,2,3,7,8,9-HxCDF	pg/g	< 2.54	0.166 J EMPC	-	-	Agree
	1,2,3,7,8-PeCDF	pg/g	0.274 J EMPC	0.115 J EMPC	2.38	0.33-3.00	Agree
	2,3,4,6,7,8-HxCDF	pg/g	0.993 J	0.373 J	2.66	0.33-3.00	Agree
	2,3,4,7,8-PeCDF	pg/g	0.784 J	0.458 J EMPC	1.71	0.33-3.00	Agree
	2,3,7,8-TCDD	pg/g	0.207 J EMPC	< 0.481	-	-	Agree
	2,3,7,8-TCDF	pg/g	1.02	0.431 J	2.37	0.33-3.00	Agree
	OCDD	pg/g	278	113	2.46	0.25-4.00	Agree
	OCDF	pg/g	20.2	6.73	3.00	0.25-4.00	Agree
OC-P	4,4'-DDD	µg/kg	7400	6360	1.16	0.25-4.00	Agree
	4,4'-DDE	µg/kg	1600	1700	0.94	0.25-4.00	Agree
	4,4'-DDT	µg/kg	26900	25100	1.07	0.25-4.00	Agree
	beta-BHC	µg/kg	10.7	13.3	0.80	0.25-4.00	Agree
	Dieldrin	µg/kg	336 J	510 J	0.66	0.33-3.00	Agree
	gamma-BHC (Lindane)	µg/kg	5.26 J	< 8.08	-	-	Agree
	gamma-Chlordane	µg/kg	< 806	255 J	-	-	Agree
	Heptachlor	µg/kg	4 J	4.34 J	0.92	0.33-3.00	Agree
	Heptachlor epoxide	µg/kg	11.1	11.4	0.97	0.25-4.00	Agree
VOC	2-Butanone	µg/kg	7.07 J	27.9	0.25	0.33-3.00	Disagree
	Acetone	µg/kg	41.7	128	0.33	0.20-5.00	Agree
	Benzene	µg/kg	< 4.12	0.76 J	-	-	Agree
	Methyl iodide	µg/kg	1.77 J	1.9 J	0.93	0.33 3.00	Agree
	Tetrachloroethene	µg/kg	0.841 J	1.29 J	0.65	0.33-3.00	Agree
	Toluene	µg/kg	< 4.12	0.834 J	-	-	Agree
SVOC	Bis(2-Ethylhexyl)phthalate	µg/kg	27 J	< 316	-	-	Agree
Metal	Arsenic	mg/kg	7.21	6.98	1.03	0.50-2.00	Agree
	Barium	mg/kg	99.7	112	0.89	0.50-2.00	Agree
	Cadmium	mg/kg	0.965	1.01	0.96	0.50-2.00	Agree
	Chromium	mg/kg	5.5	6.28	0.88	0.50-2.00	Agree
	Lead	mg/kg	29.2	32	0.91	0.50-2.00	Agree
	Mercury	mg/kg	0.00395 J	0.00524 J	0.75	0.33-3.00	Agree

Table 10. Continued

Parameter	Analyte	Unit	Result: E11-178-S2		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	0.971 J	0.656 J EMPC	1.48	0.33-3.00	Agree
	1,2,3,4,6,7,8-HpCDF	pg/g	0.181 J	0.106 J	1.71	0.33-3.00	Agree
	1,2,3,4,7,8-HxCDF	pg/g	0.0917 J	< 2.65	-	-	Agree
	1,2,3,6,7,8-HxCDF	pg/g	0.0834 J	< 2.65	-	-	Agree
	1,2,3,7,8,9-HxCDD	pg/g	0.286 J	0.0847 J EMPC	3.38	0.33-3.00	Disagree
	1,2,3,7,8,9-HxCDF	pg/g	0.0834 J EMPC	< 2.65	-	-	Agree
	1,2,3,7,8-PeCDF	pg/g	0.123 J EMPC	< 2.65	-	-	Agree
	2,3,4,7,8-PeCDF	pg/g	0.119 J EMPC	0.0614 J	1.94	0.33-3.00	Agree
	2,3,7,8-TCDD	pg/g	0.0917 J EMPC	0.106 J EMPC	0.87	0.33-3.00	Agree
	2,3,7,8-TCDF	pg/g	< 0.521	0.203 J	-	-	Agree
	OCDD	pg/g	37.1	25.9	1.43	0.25-4.00	Agree
	OCDF	pg/g	0.729 J	0.205 J EMPC	3.56	0.33-3.00	Disagree
OC-P	4,4'-DDD	µg/kg	74.7	650	0.11	0.25-4.00	Disagree
	4,4'-DDE	µg/kg	29.2	23.9	1.22	0.25-4.00	Agree
	4,4'-DDT	µg/kg	243	575	0.42	0.25-4.00	Agree
	beta-BHC	µg/kg	0.6 J	0.634 J	0.95	0.33-3.00	Agree
	Dieldrin	µg/kg	3.13	2.98	1.05	0.25-4.00	Agree
	gamma-BHC (Lindane)	µg/kg	1.9	1.91	0.99	0.25-4.00	Agree
VOC	2-Butanone	µg/kg	1.89 J	1.89 J	1.00	0.33-3.00	Agree
	Acetone	µg/kg	10.8 J	6.14 J	1.76	0.33-3.00	Agree
	Tetrachloroethene	µg/kg	2.35 J	1.63 J	1.44	0.33-3.00	Agree
Metal	Arsenic	mg/kg	7.33	4.96	1.48	0.50-2.00	Agree
	Barium	mg/kg	132	132	1.00	0.50-2.00	Agree
	Cadmium	mg/kg	1.4	0.978	1.43	0.50-2.00	Agree
	Chromium	mg/kg	4.23	3.3	1.28	0.50-2.00	Agree
	Lead	mg/kg	24.9	17.7	1.41	0.50-2.00	Agree
	Mercury	mg/kg	0.00242 J	0.00278 J	0.87	0.33-3.00	Agree
	Selenium	mg/kg	0.717 J	< 1.83	-	-	Agree

Table 10. Continued

Parameter	Analyte	Unit	Result: E11-178-S3		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	0.733 J	0.661 J	1.11	0.33-3.00	Agree
	1,2,3,4,6,7,8-HpCDF	pg/g	0.182 J EMPC	< 2.68	-	-	Agree
	OCDD	pg/g	31.2	28.4	1.10	0.25-4.00	Agree
OC-P	4,4'-DDD	µg/kg	11.6	22.9	0.51	0.25-4.00	Agree
	4,4'-DDE	µg/kg	2.39	6.81	0.35	0.25-4.00	Agree
	4,4'-DDT	µg/kg	36	75.1	0.48	0.25-4.00	Agree
	Dieldrin	µg/kg	0.851 J	1.17 J	0.73	0.33-3.00	Agree
	gamma-BHC (Lindane)	µg/kg	4.11	3.47	1.18	0.25-4.00	Agree
VOC	2-Butanone	µg/kg	1.8 J	1.53 J	1.18	0.33-3.00	Agree
	Acetone	µg/kg	11.1 J	6.72 J	1.65	0.33-3.00	Agree
	Methyl iodide	µg/kg	0.728 J	< 4.15	-	-	Agree
	Tetrachloroethene	µg/kg	30.3	19.5	1.55	0.20-5.00	Agree
	Trichloroethene	µg/kg	2.29 J	1.59 J	1.44	0.33-3.00	Agree
Metal	Arsenic	mg/kg	4.52	4.6	0.98	0.50-2.00	Agree
	Barium	mg/kg	66.6	69.9	0.95	0.50-2.00	Agree
	Cadmium	mg/kg	0.8	0.884	0.90	0.50-2.00	Agree
	Chromium	mg/kg	4.52	5.19	0.87	0.50-2.00	Agree
	Lead	mg/kg	12.5	13.8	0.91	0.50-2.00	Agree
	Mercury	mg/kg	0.00334 J	0.00381 J	0.88	0.33-3.00	Agree
	Selenium	mg/kg	0.716 J	< 2.18	-	-	Agree

Table 10. Continued

Parameter	Analyte	Unit	Result: E11-178-S4		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	1.57 J	1.76 J	0.89	0.33-3.00	Agree
	1,2,3,4,6,7,8-HpCDF	pg/g	0.239 J EMPC	< 2.7	-	-	Agree
	1,2,3,6,7,8-HxCDF	pg/g	0.0809 J EMPC	< 2.7	-	-	Agree
	OCDD	pg/g	62.3	74.7	0.83	0.25-4.00	Agree
OC-P	4,4'-DDD	µg/kg	8.36	6.29	1.33	0.25-4.00	Agree
	4,4'-DDE	µg/kg	2.46	3.5	0.70	0.25-4.00	Agree
	4,4'-DDT	µg/kg	18.1	13	1.39	0.25-4.00	Agree
	Dieldrin	µg/kg	< 2.33	0.942 J	-	-	Agree
VOC	1,1-Dichloroethane	µg/kg	1.36 J	1.47 J	0.93	0.33-3.00	Agree
	2-Butanone	µg/kg	1.95 J	1.65 J	1.18	0.33-3.00	Agree
	2-Chlorotoluene	µg/kg	10.4	11	0.95	0.20-5.00	Agree
	4-Chlorotoluene	µg/kg	19.7	20.1	0.98	0.20-5.00	Agree
	Acetone	µg/kg	7.21 J	6.42 J	1.12	0.33-3.00	Agree
	Benzene	µg/kg	1.21 J	1.28 J	0.95	0.33-3.00	Agree
	Carbon disulfide	µg/kg	1.22 J	1.07 J	1.14	0.33-3.00	Agree
	Chlorobenzene	µg/kg	0.939 J	1 J	0.94	0.33-3.00	Agree
	Chloroethane	µg/kg	< 4.56	2.5 J	-	-	Agree
	cis-1,2-Dichloroethene	µg/kg	1.56 J	0.973 J	1.60	0.33-3.00	Agree
	Tetrachloroethene	µg/kg	0.72 J	< 4.73	-	-	Agree
	Toluene	µg/kg	3.31 J	2.05 J	1.61	0.33-3.00	Agree
Metal	Arsenic	mg/kg	3.17	2.54	1.25	0.50-2.00	Agree
	Barium	mg/kg	72.5	82.3	0.88	0.50-2.00	Agree
	Cadmium	mg/kg	0.456 J	0.517	0.88	0.33-3.00	Agree
	Chromium	mg/kg	5.3	5.21	1.02	0.50-2.00	Agree
	Lead	mg/kg	12.2	9.52	1.28	0.50-2.00	Agree
	Mercury	mg/kg	0.00345 J	0.00318 J	1.08	0.33-3.00	Agree
	Selenium	mg/kg	0.689 J	< 1.98	-	-	Agree

Table 10. Continued

Parameter	Analyte	Unit	Result: E11-181-S1		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	7.97	7.48	1.07	0.25-4.00	Agree
	1,2,3,4,6,7,8-HpCDF	pg/g	1.93 J	2.32	0.83	0.33-3.00	Agree
	1,2,3,4,7,8-HxCDD	pg/g	< 2.62	0.195 J	-	-	Agree
	1,2,3,4,7,8-HxCDF	pg/g	< 2.62	0.541 J	-	-	Agree
	1,2,3,6,7,8-HxCDD	pg/g	0.356 J EMPC	0.421 J EMPC	0.85	0.33-3.00	Agree
	1,2,3,6,7,8-HxCDF	pg/g	< 2.62	0.283 J EMPC	-	-	Agree
	1,2,3,7,8,9-HxCDD	pg/g	< 2.62	0.396 J	-	-	Agree
	1,2,3,7,8-PeCDD	pg/g	< 2.62	0.181 J EMPC	-	-	Agree
	1,2,3,7,8-PeCDF	pg/g	< 2.62	0.295 J	-	-	Agree
	2,3,4,6,7,8-HxCDF	pg/g	< 2.62	0.251 J	-	-	Agree
	2,3,4,7,8-PeCDF	pg/g	0.222 J	0.338 J EMPC	0.66	0.33-3.00	Agree
	2,3,7,8-TCDD	pg/g	0.57	0.568	1.00	0.25-4.00	Agree
	OCDD	pg/g	69	63	1.10	0.25-4.00	Agree
	OCDF	pg/g	3.46 J	3.98 J	0.87	0.33-3.00	Agree
OC-P	4,4'-DDD	µg/kg	210	139	1.51	0.25-4.00	Agree
	4,4'-DDE	µg/kg	216	209	1.03	0.25-4.00	Agree
	4,4'-DDT	µg/kg	1970	953	2.07	0.25-4.00	Agree
	alpha-Chlordane	µg/kg	6.46	< 79.3	-	-	Agree
	Dieldrin	µg/kg	16.3	< 106	-	-	Agree
	gamma-Chlordane	µg/kg	5.92	< 79.3	-	-	Agree
	Heptachlor epoxide	µg/kg	1.36 J	< 106	-	-	Agree
VOC	Acetone	µg/kg	< 41.3	7.68 J	-	-	Agree
SVOC	Bis(2-Ethylhexyl)phthalate	µg/kg	56.4 J	< 330	-	-	Agree
Metal	Arsenic	mg/kg	5.77	4.56	1.27	0.50-2.00	Agree
	Barium	mg/kg	92.5	95.6	0.97	0.50-2.00	Agree
	Chromium	mg/kg	4.26	4.03	1.06	0.50-2.00	Agree
	Lead	mg/kg	12.4	12.1	1.02	0.50-2.00	Agree
	Mercury	mg/kg	0.00344 J	0.00607 J	0.57	0.33-3.00	Agree
	Selenium	mg/kg	0.752 J	0.662 J	1.14	0.33-3.00	Agree

Parameter	Analyte	Unit	Result: E11-181-S2		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	0.559 J	< 2.45	-	-	Agree
	1,2,3,4,7,8-HxCDF	pg/g	< 2.47	0.22 J	-	-	Agree
	OCDD	pg/g	23.6	27.1	0.87	0.25-4.00	Agree
OC-P	4,4'-DDD	µg/kg	9.35 J	11.8 J	0.79	0.33-3.00	Agree
	4,4'-DDE	µg/kg	11.2 J	11.1 J	1.01	0.33-3.00	Agree
	4,4'-DDT	µg/kg	89.1	88.8	1.00	0.25-4.00	Agree
VOC	Tetrachloroethene	µg/kg	4.85	5.36	0.90	0.20-5.00	Agree
Metal	Arsenic	mg/kg	4.17	4.73	0.88	0.50-2.00	Agree
	Barium	mg/kg	103	97.2	1.06	0.50-2.00	Agree
	Cadmium	mg/kg	1.41	1.36	1.04	0.50-2.00	Agree
	Chromium	mg/kg	2.84	3.07	0.93	0.50-2.00	Agree
	Lead	mg/kg	10.3	10.1	1.02	0.50-2.00	Agree
	Mercury	mg/kg	0.0034 J	0.0022 J	1.55	0.33-3.00	Agree
	Selenium	mg/kg	0.448 J	0.591 J	0.76	0.33-3.00	Agree

Table 10. Continued

Parameter	Analyte	Unit	Result: E11-181-S3		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	0.821 J EMPC	0.653 J	1.26	0.33-3.00	Agree
	1,2,3,4,6,7,8-HpCDF	pg/g	0.185 J EMPC	< 2.6	-	-	Agree
	2,3,7,8-TCDF	pg/g	0.39 J	< 0.52	-	-	Agree
	OCDD	pg/g	31.9	25.4	1.26	0.25-4.00	Agree
OC-P	4,4'-DDD	µg/kg	13	12.1	1.07	0.25-4.00	Agree
	4,4'-DDE	µg/kg	6.94	7.88	0.88	0.25-4.00	Agree
	4,4'-DDT	µg/kg	48	24.4	1.97	0.25-4.00	Agree
	alpha-Chlordane	µg/kg	0.55 J	< 1.68	-	-	Agree
	beta-BHC	µg/kg	0.841 J	1.23 J	0.68	0.33-3.00	Agree
	delta-BHC	µg/kg	0.573 J	0.801 J	0.72	0.33-3.00	Agree
	Dieldrin	µg/kg	< 2.29	1.12 J	-	-	Agree
	gamma-BHC (Lindane)	µg/kg	0.818 J	1.58 J	0.52	0.33-3.00	Agree
	gamma-Chlordane	µg/kg	< 1.71	0.548 J	-	-	Agree
VOC	cis-1,2-Dichloroethene	µg/kg	3.64 J	3.51 J	1.04	0.33-3.00	Agree
	Tetrachloroethene	µg/kg	9.39	7.97	1.18	0.20-5.00	Agree
	Trichloroethene	µg/kg	2.02 J	1.87 J	1.08	0.33-3.00	Agree
Metal	Arsenic	mg/kg	3.69	5.66	0.65	0.50-2.00	Agree
	Barium	mg/kg	95.1	65.2	1.46	0.50-2.00	Agree
	Cadmium	mg/kg	1.48	< 0.521	2.84	0.33-3.00	Agree
	Chromium	mg/kg	3.73	3.77	0.99	0.50-2.00	Agree
	Lead	mg/kg	18.7	15.1	1.24	0.50-2.00	Agree
	Mercury	mg/kg	0.00571 J	0.00335 J	1.70	0.33-3.00	Agree
	Selenium	mg/kg	0.954 J	0.485 J	1.97	0.33-3.00	Agree

Table 10. Continued

Parameter	Analyte	Unit	Result: E11-186-S1		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	3.81	4.17	0.91	0.25-4.00	Agree
	1,2,3,4,6,7,8-HpCDF	pg/g	2.01 J	1.95 J	1.03	0.33-3.00	Agree
	1,2,3,4,7,8,9-HpCDF	pg/g	0.367 J EMPC	< 2.55	-	-	Agree
	1,2,3,4,7,8-HxCDD	pg/g	0.18 J EMPC	< 2.55	-	-	Agree
	1,2,3,6,7,8-HxCDD	pg/g	0.336 J	< 2.55	-	-	Agree
	1,2,3,6,7,8-HxCDF	pg/g	0.452 J EMPC	0.246 J EMPC	1.84	0.33-3.00	Agree
	1,2,3,7,8,9-HxCDD	pg/g	0.252 J	< 2.55	-	-	Agree
	1,2,3,7,8,9-HxCDF	pg/g	0.19 J	< 2.55	-	-	Agree
	1,2,3,7,8-PeCDD	pg/g	0.355 J EMPC	0.134 J EMPC	2.65	0.33-3.00	Agree
	2,3,4,6,7,8-HxCDF	pg/g	0.353 J	< 2.55	-	-	Agree
	2,3,7,8-TCDD	pg/g	0.163 J EMPC	< 0.509	-	-	Agree
	OCDD	pg/g	54.1	59.3	0.91	0.25-4.00	Agree
	OCDF	pg/g	4.06 J	4.19 J	0.97	0.33-3.00	Agree
OC-P	4,4'-DDD	µg/kg	121	185	0.65	0.25-4.00	Agree
	4,4'-DDE	µg/kg	72.1	80	0.90	0.25-4.00	Agree
	4,4'-DDT	µg/kg	1130	1810	0.62	0.25-4.00	Agree
	alpha-Chlordane	µg/kg	< 16.6	5.26 J	-	-	Agree
	Dieldrin	µg/kg	16.9 J	18.2 J	0.93	0.33-3.00	Agree
	gamma-Chlordane	µg/kg	< 16.6	5.21 J	-	-	Agree
VOC	2-Butanone	µg/kg	27	33.5	0.81	0.20-5.00	Agree
	Acetone	µg/kg	85.9	120	0.72	0.20-5.00	Agree
	Methyl iodide	µg/kg	3.12 J	2.83 J	1.10	0.33-3.00	Agree
	Toluene	µg/kg	2.26 J	0.971 J	2.33	0.33-3.00	Agree
Metal	Arsenic	mg/kg	5.47	5.96	0.92	0.50-2.00	Agree
	Barium	mg/kg	84.1	89.1	0.94	0.50-2.00	Agree
	Cadmium	mg/kg	1.12	0.938	1.19	0.50-2.00	Agree
	Chromium	mg/kg	3.47	4.64	0.75	0.50-2.00	Agree
	Lead	mg/kg	28.3	18.3	1.55	0.50-2.00	Agree
	Mercury	mg/kg	0.0241	0.0195 J	1.24	0.33-3.00	Agree
	Selenium	mg/kg	< 2.16	0.681 J	-	-	Agree

Table 10. Continued

Parameter	Analyte	Unit	Result: E11-186-S2		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	1.54 J	1.4 J EMPC	1.10	0.33-3.00	Agree
	1,2,3,4,7,8-HxCDD	pg/g	0.166 J EMPC	< 2.39	-	-	Agree
	1,2,3,6,7,8-HxCDD	pg/g	0.182 J	< 2.39	-	-	Agree
	1,2,3,7,8,9-HxCDD	pg/g	0.135 J EMPC	< 2.39	-	-	Agree
	1,2,3,7,8-PeCDD	pg/g	0.172 J	< 2.39	-	-	Agree
	2,3,4,6,7,8-HxCDF	pg/g	0.126 J EMPC	< 2.39	-	-	Agree
	OCDD	pg/g	32.8	29	1.13	0.25-4.00	Agree
	OCDF	pg/g	1.45 J	1.33 J	1.09	0.33-3.00	Agree
OC-P	4,4'-DDD	µg/kg	22.2	22.1	1.00	0.25-4.00	Agree
	4,4'-DDE	µg/kg	18.7	19.6	0.95	0.25-4.00	Agree
	4,4'-DDT	µg/kg	178	214	0.83	0.25-4.00	Agree
	alpha-Chlordane	µg/kg	0.703 J	0.827 J	0.85	0.33-3.00	Agree
	beta-BHC	µg/kg	0.654 J	< 1.65	-	-	Agree
	Dieldrin	µg/kg	2.92	3.59	0.81	0.25-4.00	Agree
	gamma-BHC (Lindane)	µg/kg	< 1.68	0.556 J	-	-	Agree
	gamma-Chlordane	µg/kg	0.744 J	0.837 J	0.89	0.33-3.00	Agree
VOC	2-Butanone	µg/kg	4.4 J	4.24 J	1.04	0.33-3.00	Agree
	Acetone	µg/kg	17.6 J	16.5 J	1.07	0.33-3.00	Agree
	Methyl iodide	µg/kg	1.43 J	1.45 J	0.99	0.33-3.00	Agree
	Toluene	µg/kg	1.4 J	0.982 J	1.43	0.33-3.00	Agree
Metal	Arsenic	mg/kg	4.25	5.21	0.82	0.50-2.00	Agree
	Barium	mg/kg	69.8	83.8	0.83	0.50-2.00	Agree
	Cadmium	mg/kg	0.602	0.759	0.79	0.50-2.00	Agree
	Chromium	mg/kg	3.01	4.35	0.69	0.50-2.00	Agree
	Lead	mg/kg	10.2	14.1	0.72	0.50-2.00	Agree
	Mercury	mg/kg	0.00557 J	0.00363 J	1.53	0.33-3.00	Agree
	Selenium	mg/kg	0.815 J	< 2.14	-	-	Agree

Parameter	Analyte	Unit	Result: E11-186-S3		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	0.522 J	0.624 J	0.84	0.33-3.00	Agree
	1,2,3,4,7,8-HxCDD	pg/g	< 2.48	0.0558 J	-	-	Agree
	1,2,3,6,7,8-HxCDD	pg/g	< 2.48	0.0729 J EMPC	-	-	Agree
	1,2,3,6,7,8-HxCDF	pg/g	< 2.48	0.0944 J	-	-	Agree
	1,2,3,7,8-PeCDD	pg/g	0.0854 J EMPC	0.0923 J EMPC	0.93	0.33-3.00	Agree
	2,3,4,6,7,8-HxCDF	pg/g	< 2.48	0.0751 J EMPC	-	-	Agree
	OCDD	pg/g	19.2	23.1	0.83	0.25-4.00	Agree
OC-P	4,4'-DDD	µg/kg	3.38	7.76	0.44	0.25-4.00	Agree
	4,4'-DDE	µg/kg	2.32	4.34	0.53	0.25-4.00	Agree
	4,4'-DDT	µg/kg	18.4	51.5	0.36	0.25-4.00	Agree
VOC	Acetone	µg/kg	3.97 J	3.87 J	1.03	0.33-3.00	Agree
	Toluene	µg/kg	1.05 J	1.35 J	0.78	0.33-3.00	Agree
Metal	Arsenic	mg/kg	5.9	4.78	1.23	0.50-2.00	Agree
	Barium	mg/kg	81.6	85.5	0.95	0.50-2.00	Agree
	Cadmium	mg/kg	0.735	0.729	1.01	0.50-2.00	Agree
	Chromium	mg/kg	4.6	4.49	1.02	0.50-2.00	Agree
	Lead	mg/kg	16.1	11.7	1.38	0.50-2.00	Agree
	Mercury	mg/kg	0.00342 J	0.00108 J	3.17	0.33-3.00	Disagree

Table 10. Continued

Parameter	Analyte	Unit	Result: E11-188-S1		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	4.18 EMPC	4.52	0.92	0.25-4.00	Agree
	1,2,3,4,6,7,8-HpCDF	pg/g	1.74 J EMPC	1.75 J	0.99	0.33-3.00	Agree
	1,2,3,7,8-PeCDF	pg/g	0.185 J	< 2.51	-	-	Agree
	2,3,4,6,7,8-HxCDF	pg/g	0.265 J	< 2.51	-	-	Agree
	OCDD	pg/g	80.4	74.8	1.07	0.25-4.00	Agree
	OCDF	pg/g	3.8 J	3.46 J EMPC	1.10	0.33-3.00	Agree
OC-P	4,4'-DDD	µg/kg	2670	2820	0.95	0.25-4.00	Agree
	4,4'-DDE	µg/kg	435 J	522 J	0.83	0.33-3.00	Agree
	4,4'-DDT	µg/kg	8020	9290	0.86	0.25-4.00	Agree
	alpha-BHC	µg/kg	2.16	6.19	0.35	0.25-4.00	Agree
	alpha-Chlordane	µg/kg	5.23	9.72	0.54	0.25-4.00	Agree
	beta-BHC	µg/kg	6.46	9.82	0.66	0.25-4.00	Agree
	delta-BHC	µg/kg	12.7	< 803	-	-	Agree
	Endrin ketone	µg/kg	2.31 J	< 5.35	-	-	Agree
	gamma-BHC (Lindane)	µg/kg	< 825	269 J	-	-	Agree
	gamma-Chlordane	µg/kg	6.89	12.8	0.54	0.25-4.00	Agree
	Heptachlor	µg/kg	< 2.2	1.15 J	-	-	Agree
VOC	2-Butanone	µg/kg	9.5 J	< 21.6	-	-	Agree
Metal	Arsenic	mg/kg	8.04	5.99	1.34	0.50-2.00	Agree
	Barium	mg/kg	89.4	78.5	1.14	0.50-2.00	Agree
	Cadmium	mg/kg	1.63	< 0.487	3.35	0.33-3.00	Disagree
	Chromium	mg/kg	4.21	3.97	1.06	0.50-2.00	Agree
	Lead	mg/kg	16.5	14	1.18	0.50-2.00	Agree
	Mercury	mg/kg	0.00834 J	0.012 J	0.70	0.33-3.00	Agree

Table 10. Continued

Parameter	Analyte	Unit	Result: E11-188-S2		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	8.16	3.65	2.24	0.25-4.00	Agree
	1,2,3,4,6,7,8-HpCDF	pg/g	3.57	10.4	0.34	0.25-4.00	Agree
	1,2,3,4,7,8,9-HpCDF	pg/g	0.95 J EMPC	2.44 EMPC	0.39	0.33-3.00	Agree
	1,2,3,4,7,8-HxCDF	pg/g	1.03 J	3.06	0.34	0.33-3.00	Agree
	1,2,3,6,7,8-HxCDD	pg/g	0.352 J	< 2.28	-	-	Agree
	1,2,3,6,7,8-HxCDF	pg/g	0.433 J EMPC	2.3 EMPC	0.19	0.33-3.00	Disagree
	1,2,3,7,8-PeCDF	pg/g	0.502 J	1.51 J EMPC	0.33	0.33-3.00	Agree
	2,3,4,6,7,8-HxCDF	pg/g	0.386 J	1.43 J	0.27	0.33-3.00	Disagree
	2,3,4,7,8-PeCDF	pg/g	0.261 J EMPC	0.858 J	0.30	0.33-3.00	Disagree
	OCDD	pg/g	99.3	62.2	1.60	0.25-4.00	Agree
	OCDF	pg/g	12.6	14.7	0.86	0.25-4.00	Agree
OC-P	4,4'-DDD	µg/kg	1640	923	1.78	0.25-4.00	Agree
	4,4'-DDE	µg/kg	297 J	146	2.03	0.33-3.00	Agree
	4,4'-DDT	µg/kg	4450	2330	1.91	0.25-4.00	Agree
	alpha-BHC	µg/kg	11.4 J	9.3 J	1.23	0.33-3.00	Agree
	alpha-Chlordane	µg/kg	9.9 J	7.07 J	1.40	0.33-3.00	Agree
	beta-BHC	µg/kg	9.76 J	7.53 J	1.30	0.33-3.00	Agree
	delta-BHC	µg/kg	19.3	14.9 J	1.30	0.33-3.00	Agree
	Dieldrin	µg/kg	61.2	34.1	1.79	0.25-4.00	Agree
	gamma-BHC (Lindane)	µg/kg	190	135	1.41	0.25-4.00	Agree
	gamma-Chlordane	µg/kg	12.6 J	8.71 J	1.45	0.33-3.00	Agree
Metal	Arsenic	mg/kg	4.97	5.01	0.99	0.50-2.00	Agree
	Barium	mg/kg	79.1	95.6	0.83	0.50-2.00	Agree
	Chromium	mg/kg	4.46	4.65	0.96	0.50-2.00	Agree
	Lead	mg/kg	12.5	11.6	1.08	0.50-2.00	Agree
	Mercury	mg/kg	0.0341	0.0305	1.12	0.50-2.00	Agree
	Selenium	mg/kg	< 2.14	0.474 J	-	-	Agree

Parameter	Analyte	Unit	Result: E11-188-S3		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	0.441 J	1.21 J EMPC	0.36	0.33-3.00	Agree
	1,2,3,4,6,7,8-HpCDF	pg/g	< 2.56	1.54 J	-	-	Agree
	1,2,3,4,7,8-HxCDF	pg/g	< 2.56	0.411 J EMPC	-	-	Agree
	1,2,3,6,7,8-HxCDF	pg/g	< 2.56	0.355 J	-	-	Agree
	OCDD	pg/g	21.9	43.3	0.51	0.25-4.00	Agree
	OCDF	pg/g	< 5.12	2.09 J	-	-	Agree
OC-P	4,4'-DDD	µg/kg	5.69	3.73	1.53	0.25-4.00	Agree
	4,4'-DDE	µg/kg	1.63 J	1.31 J	1.24	0.33-3.00	Agree
	4,4'-DDT	µg/kg	17.6	12.3	1.43	0.25-4.00	Agree
	gamma-BHC (Lindane)	µg/kg	0.934 J	1.03 J	0.91	0.33-3.00	Agree
Metal	Arsenic	mg/kg	56.2	5.63	9.98	0.50-2.00	Disagree
	Barium	mg/kg	89.5	84.3	1.06	0.50-2.00	Agree
	Chromium	mg/kg	4.16	3.81	1.09	0.50-2.00	Agree
	Lead	mg/kg	16.6	11.6	1.43	0.50-2.00	Agree
	Mercury	mg/kg	0.00105 J	0.00145 J	0.72	0.33-3.00	Agree
	Selenium	mg/kg	0.576 J	< 2.11	-	-	Agree

Table 10. Continued

Parameter	Analyte	Unit	Result: E11-188-S4		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	0.346 J EMPC	0.51 J	0.68	0.33-3.00	Agree
	1,2,3,4,6,7,8-HpCDF	pg/g	< 2.64	0.323 J	-	-	Agree
	2,3,7,8-TCDF	pg/g	< 0.527	0.259 J	-	-	Agree
	OCDD	pg/g	8.38	12.7	0.66	0.25-4.00	Agree
OC-P	4,4'-DDD	µg/kg	1.43 J	1.11 J	1.29	0.33-3.00	Agree
	4,4'-DDE	µg/kg	0.768 J	< 2.29	-	-	Agree
Metal	Arsenic	mg/kg	3.22	3.52	0.91	0.50-2.00	Agree
	Barium	mg/kg	64	64	1.00	0.50-2.00	Agree
	Chromium	mg/kg	6.88	6.8	1.01	0.50-2.00	Agree
	Lead	mg/kg	10.2	9.73	1.05	0.50-2.00	Agree

Table 11. Comparison of Duplicate Sample Results between Primary and QA Laboratories

Parameter	Analyte	Unit	Result: E11-186-S1		Compare: Primary vs. QA		
			Primary	QA	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	3.81	3.3 J	1.15	0.33-3.00	Agree
	1,2,3,4,6,7,8-HpCDF	pg/g	2.01 J	< 5.4	-	-	Agree
	1,2,3,4,7,8,9-HpCDF	pg/g	0.367 J EMPC	< 5.4	-	-	Agree
	1,2,3,4,7,8-HxCDD	pg/g	0.18 J EMPC	< 5.4	-	-	Agree
	1,2,3,6,7,8-HxCDD	pg/g	0.336 J	< 5.4	-	-	Agree
	1,2,3,7,8,9-HxCDD	pg/g	0.252 J	< 5.4	-	-	Agree
	1,2,3,7,8,9-HxCDF	pg/g	0.19 J	< 5.4	-	-	Agree
	1,2,3,7,8-PeCDD	pg/g	0.355 J EMPC	< 5.4	-	-	Agree
	2,3,4,6,7,8-HxCDF	pg/g	0.353 J	< 5.4	-	-	Agree
	2,3,7,8-TCDD	pg/g	0.163 J EMPC	< 1.1	-	-	Agree
	OCDD	pg/g	54.1	52	1.04	0.25-4.00	Agree
	OCDF	pg/g	4.06 J	< 11	-	-	Agree
OC-P	4,4'-DDD	ug/Kg	121	28	4.32	0.25-4.00	Disagree
	4,4'-DDE	ug/Kg	72.1	74	0.97	0.25-4.00	Agree
	4,4'-DDT	ug/Kg	1130	1000	1.13	0.25-4.00	Agree
	alpha-Chlordane	ug/Kg	< 16.6	2.4 J	-	-	Agree
	beta-BHC	ug/Kg	< 16.6	0.9 J	-	-	Agree
	Dieldrin	ug/Kg	16.9 J	16	1.06	0.33-3.00	Agree
	gamma-BHC (Lindane)	ug/Kg	< 16.6	1.4 J	-	-	Agree
	gamma-Chlordane	ug/Kg	< 16.6	2.3 J	-	-	Agree
VOC	2-Butanone	ug/Kg	27	71	0.38	0.20-5.00	Agree
	2-Hexanone	ug/Kg	< 12.1	13	1.07	0.33-3.00	Agree
	Acetone	ug/Kg	85.9	390	0.22	0.20-5.00	Agree
	Benzene	ug/Kg	< 4.85	1.7 J	-	-	Agree
	Methyl iodide	ug/Kg	3.12 J	< 4.8	-	-	Agree
	Toluene	ug/Kg	2.26 J	3.2 J	0.71	0.33-3.00	Agree
Metal	Arsenic	mg/kg	5.47	4.1 J	1.33	0.33-3.00	Agree
	Barium	mg/kg	84.1	85	0.99	0.50-2.00	Agree
	Cadmium	mg/kg	1.12	1.6 J	0.70	0.33-3.00	Agree
	Chromium	mg/kg	3.47	3.5 J	0.99	0.33-3.00	Agree
	Lead	mg/kg	28.3	16	1.77	0.50-2.00	Agree
	Mercury	mg/kg	0.0241	0.013	1.85	0.50-2.00	Agree
	Silver	mg/kg	< 1.08	0.21 J	-	-	Agree

Table 11. Continued

Parameter	Analyte	Unit	Result: E11-186-S2		Compare: Primary vs. QA		
			Primary	QA	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	1.54 J	2.6 J	0.59	0.33-3.00	Agree
	1,2,3,4,6,7,8-HpCDF	pg/g	< 2.41	6.6	0.37	0.33-3.00	Agree
	1,2,3,4,7,8-HxCDD	pg/g	0.166 J EMPC	< 5.5	-	-	Agree
	1,2,3,4,7,8-HxCDF	pg/g	< 2.41	2.9 J	0.83	0.33-3.00	Agree
	1,2,3,6,7,8-HxCDD	pg/g	0.182 J	< 5.5	-	-	Agree
	1,2,3,7,8,9-HxCDD	pg/g	0.135 J EMPC	< 5.5	-	-	Agree
	1,2,3,7,8-PeCDD	pg/g	0.172 J	< 5.5	-	-	Agree
	1,2,3,7,8-PeCDF	pg/g	< 2.41	1.9 J	-	-	Agree
	2,3,4,6,7,8-HxCDF	pg/g	0.126 J EMPC	< 5.5	-	-	Agree
	2,3,7,8-TCDF	pg/g	< 0.483	1.2	0.40	0.33-3.00	Agree
	OCDD	pg/g	32.8	33	0.99	0.25-4.00	Agree
	OCDF	pg/g	1.45 J	5.4 J	0.27	0.33-3.00	Disagree
OC-P	4,4'-DDD	ug/Kg	22.2	11	2.02	0.25-4.00	Agree
	4,4'-DDE	ug/Kg	18.7	21	0.89	0.25-4.00	Agree
	4,4'-DDT	ug/Kg	178	240	0.74	0.25-4.00	Agree
	alpha-Chlordane	ug/Kg	0.703 J	0.54 J	1.30	0.33-3.00	Agree
	beta-BHC	ug/Kg	0.654 J	< 11	-	-	Agree
	Dieldrin	ug/Kg	2.92	3.3 J	0.88	0.33-3.00	Agree
	gamma-Chlordane	ug/Kg	0.744 J	< 11	-	-	Agree
VOC	2-Butanone	ug/Kg	4.4 J	7.7 J	0.57	0.33-3.00	Agree
	Acetone	ug/Kg	17.6 J	48	0.37	0.33-3.00	Agree
	Methyl iodide	ug/Kg	1.43 J	< 3.9	-	-	Agree
	Toluene	ug/Kg	1.4 J	1.6 J	0.88	0.33-3.00	Agree
Metal	Arsenic	mg/kg	4.25	2.7 J	1.57	0.33-3.00	Agree
	Barium	mg/kg	69.8	78	0.89	0.50-2.00	Agree
	Cadmium	mg/kg	0.602	1.3 J	0.46	0.33-3.00	Agree
	Chromium	mg/kg	3.01	3.2 J	0.94	0.33-3.00	Agree
	Lead	mg/kg	10.2	12	0.85	0.50-2.00	Agree
	Mercury	mg/kg	0.00557 J	0.0089 J	0.63	0.33-3.00	Agree
	Selenium	mg/kg	0.815 J	< 11	-	-	Agree

Table 11. Continued

Parameter	Analyte	Unit	Result: E11-186-S3		Compare: Primary vs. QA		
			Primary	QA	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	0.522 J	< 5.7	-	-	Agree
	1,2,3,7,8-PeCDD	pg/g	0.0854 J EMPC	< 5.7	-	-	Agree
	OCDD	pg/g	19.2	16	1.20	0.25-4.00	Agree
OC-P	4,4'-DDD	ug/Kg	3.38	< 11	-	-	Agree
	4,4'-DDE	ug/Kg	2.32	2.6 J	0.89	0.33-3.00	Agree
	4,4'-DDT	ug/Kg	18.4	30	0.61	0.25-4.00	Agree
VOC	Acetone	ug/Kg	3.97 J	17 J	0.23	0.33-3.00	Disagree
	Toluene	ug/Kg	1.05 J	1.2 J	0.88	0.33-3.00	Agree
Metal	Arsenic	mg/kg	5.9	< 45	-	-	Agree
	Barium	mg/kg	81.6	89	0.92	0.50-2.00	Agree
	Cadmium	mg/kg	0.735	1.5 J	0.49	0.33-3.00	Agree
	Chromium	mg/kg	4.6	3.6 J	1.28	0.33-3.00	Agree
	Lead	mg/kg	16.1	9.6 J	1.68	0.33-3.00	Agree
	Mercury	mg/kg	0.00342 J	< 0.013	-	-	Agree

Parameter	Analyte	Unit	Result: E11-188-S1		Compare: Primary vs. QA		
			Primary	QA	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	4.18 EMPC	2.2 J	1.90	0.33-3.00	Agree
	1,2,3,4,6,7,8-HpCDF	pg/g	1.74 J EMPC	< 5.5	-	-	Agree
	1,2,3,7,8-PeCDF	pg/g	0.185 J	< 5.5	-	-	Agree
	2,3,4,6,7,8-HxCDF	pg/g	0.265 J	< 5.5	-	-	Agree
	2,3,7,8-TCDF	pg/g	< 0.538	0.44 J	-	-	Agree
	OCDD	pg/g	80.4	45	1.79	0.25-4.00	Agree
	OCDF	pg/g	3.8 J	< 11	-	-	Agree
OC-P	4,4'-DDD	ug/Kg	2670	460	5.80	0.25-4.00	Disagree
	4,4'-DDE	ug/Kg	435 J	400	1.09	0.33-3.00	Agree
	4,4'-DDT	ug/Kg	8020	10000	0.80	0.25-4.00	Agree
	alpha-BHC	ug/Kg	2.16	2.7 J	0.80	0.33-3.00	Agree
	alpha-Chlordane	ug/Kg	5.23	7.7 J	0.68	0.33-3.00	Agree
	beta-BHC	ug/Kg	6.46	14	0.46	0.25-4.00	Agree
	delta-BHC	ug/Kg	12.7	17	0.75	0.25-4.00	Agree
	Dieldrin	ug/Kg	< 1100	77	-	-	Agree
	Endrin ketone	ug/Kg	2.31 J	1.2 J	1.93	0.33-3.00	Agree
	gamma-BHC (Lindane)	ug/Kg	< 825	25	-	-	Agree
	gamma-Chlordane	ug/Kg	6.89	7.6 J	0.91	0.33-3.00	Agree
	Heptachlor	ug/Kg	< 2.2	2.3 J	1.05	0.33-3.00	Agree
VOCs	2-Butanone	ug/Kg	9.5 J	14	0.68	0.33-3.00	Agree
	Acetone	ug/Kg	< 44.1	120	0.37	0.33-3.00	Agree
	Toluene	ug/Kg	< 4.41	1 J	-	-	Agree
Metals	Arsenic	mg/kg	8.04	2.7 J	2.98	0.33-3.00	Agree
	Barium	mg/kg	89.4	100	0.89	0.50-2.00	Agree
	Cadmium	mg/kg	1.63	1.8 J	0.91	0.33-3.00	Agree
	Chromium	mg/kg	4.21	4.3 J	0.98	0.33-3.00	Agree
	Lead	mg/kg	16.5	18	0.92	0.50-2.00	Agree
	Mercury	mg/kg	0.00834 J	0.014	0.60	0.33-3.00	Agree

Table 11. Continued

Parameter	Analyte	Unit	Result: E11-188-S2		Compare: Primary vs. QA		
			Primary	QA	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	8.16	4.7 J	1.74	0.33-3.00	Agree
	1,2,3,4,6,7,8-HpCDF	pg/g	3.57	2 J	1.79	0.33-3.00	Agree
	1,2,3,4,7,8,9-HpCDF	pg/g	0.95 J EMPC	< 5.3	-	-	Agree
	1,2,3,4,7,8-HxCDF	pg/g	1.03 J	< 5.3	-	-	Agree
	1,2,3,6,7,8-HxCDD	pg/g	0.352 J	< 5.3	-	-	Agree
	1,2,3,6,7,8-HxCDF	pg/g	0.433 J EMPC	< 5.3	-	-	Agree
	1,2,3,7,8-PeCDF	pg/g	0.502 J	< 5.3	-	-	Agree
	2,3,4,6,7,8-HxCDF	pg/g	0.386 J	< 5.3	-	-	Agree
	2,3,4,7,8-PeCDF	pg/g	0.261 J EMPC	< 5.3	-	-	Agree
	2,3,7,8-TCDF	pg/g	< 0.473	0.55 J	0.86	0.33-3.00	Agree
	OCDD	pg/g	99.3	73	1.36	0.25-4.00	Agree
	OCDF	pg/g	12.6	5.4 J	2.33	0.33-3.00	Agree
OC-P	4,4'-DDD	ug/Kg	1640	210	7.81	0.25-4.00	Disagree
	4,4'-DDE	ug/Kg	297 J	170	1.75	0.33-3.00	Agree
	4,4'-DDT	ug/Kg	4450	4100	1.09	0.25-4.00	Agree
	alpha-BHC	ug/Kg	11.4 J	8.8 J	1.30	0.33-3.00	Agree
	alpha-Chlordane	ug/Kg	9.9 J	5.1 J	1.94	0.33-3.00	Agree
	beta-BHC	ug/Kg	9.76 J	9 J	1.08	0.33-3.00	Agree
	delta-BHC	ug/Kg	19.3	15	1.29	0.25-4.00	Agree
	Dieldrin	ug/Kg	61.2	34	1.80	0.25-4.00	Agree
	gamma-BHC (Lindane)	ug/Kg	190	200	0.95	0.25-4.00	Agree
	gamma-Chlordane	ug/Kg	12.6 J	5.4 J	2.33	0.33-3.00	Agree
VOCs	Acetone	ug/Kg	< 44.5	41	-	-	Agree
	Tetrachloroethene	ug/Kg	< 4.45	1.4 J	-	-	Agree
	Toluene	ug/Kg	< 4.45	0.97 J	-	-	Agree
Metals	Arsenic	mg/kg	4.97	< 40	-	-	Agree
	Barium	mg/kg	79.1	98	0.81	0.50-2.00	Agree
	Cadmium	mg/kg	< 0.534	1.6 J	0.33	0.33-3.00	Agree
	Chromium	mg/kg	4.46	4.4 J	1.01	0.33-3.00	Agree
	Lead	mg/kg	12.5	11	1.14	0.50-2.00	Agree
	Mercury	mg/kg	0.0341	0.045	0.76	0.50-2.00	Agree

Table 11. Continued

Parameter	Analyte	Unit	Result: E11-188-S3		Compare: Primary vs. QA		
			Primary	QA	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	0.441 J	< 5.6	-	-	Agree
	OCDD	pg/g	21.9	18	1.22	0.25-4.00	Agree
OC-P	4,4'-DDD	ug/Kg	5.69	2 J	2.85	0.33-3.00	Agree
	4,4'-DDE	ug/Kg	1.63 J	1.2 J	1.36	0.33-3.00	Agree
	4,4'-DDT	ug/Kg	17.6	26	0.68	0.25-4.00	Agree
	gamma-BHC (Lindane)	ug/Kg	0.934 J	0.8 J	1.17	0.33-3.00	Agree
VOCs	2-Butanone	ug/Kg	< 21.6	6.2 J	-	-	Agree
	Acetone	ug/Kg	< 43.3	190	4.39	0.33-3.00	Disagree
	Carbon disulfide	ug/Kg	< 4.33	1.6 J	-	-	Agree
	Toluene	ug/Kg	< 4.33	1.3 J	-	-	Agree
Metals	Arsenic	mg/kg	56.2	4.9 J	11.47	0.33-3.00	Disagree
	Barium	mg/kg	89.5	93	0.96	0.50-2.00	Agree
	Cadmium	mg/kg	< 0.551	1.6 J	2.90	0.33-3.00	Agree
	Chromium	mg/kg	4.16	5 J	0.83	0.33-3.00	Agree
	Lead	mg/kg	16.6	13	1.28	0.50-2.00	Agree
	Mercury	mg/kg	0.00105 J	< 0.013	-	-	Agree
	Selenium	mg/kg	0.576 J	< 11	-	-	Agree

Parameter	Analyte	Unit	Result: E11-188-S4		Compare: Primary vs. QA		
			Primary	QA	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	0.346 J EMPC	< 5.8	-	-	Agree
	OCDD	pg/g	8.38	11 J	0.76	0.33-3.00	Agree
OC-P	4,4'-DDD	ug/Kg	1.43 J	< 11	-	-	Agree
	4,4'-DDE	ug/Kg	0.768 J	< 11	-	-	Agree
VOCs	Acetone	ug/Kg	< 40.2	16 J	-	-	Agree
	Toluene	ug/Kg	< 4.02	0.81 J	-	-	Agree
Metals	Arsenic	mg/kg	3.22	< 42	-	-	Agree
	Barium	mg/kg	64	72	0.89	0.50-2.00	Agree
	Cadmium	mg/kg	< 0.567	1.5 J	2.65	0.33-3.00	Agree
	Chromium	mg/kg	6.88	6.7 J	1.03	0.33-3.00	Agree
	Lead	mg/kg	10.2	9.8 J	1.04	0.33-3.00	Agree
	Mercury	mg/kg	0.00693 J	0.0067 J	1.03	0.33-3.00	Agree

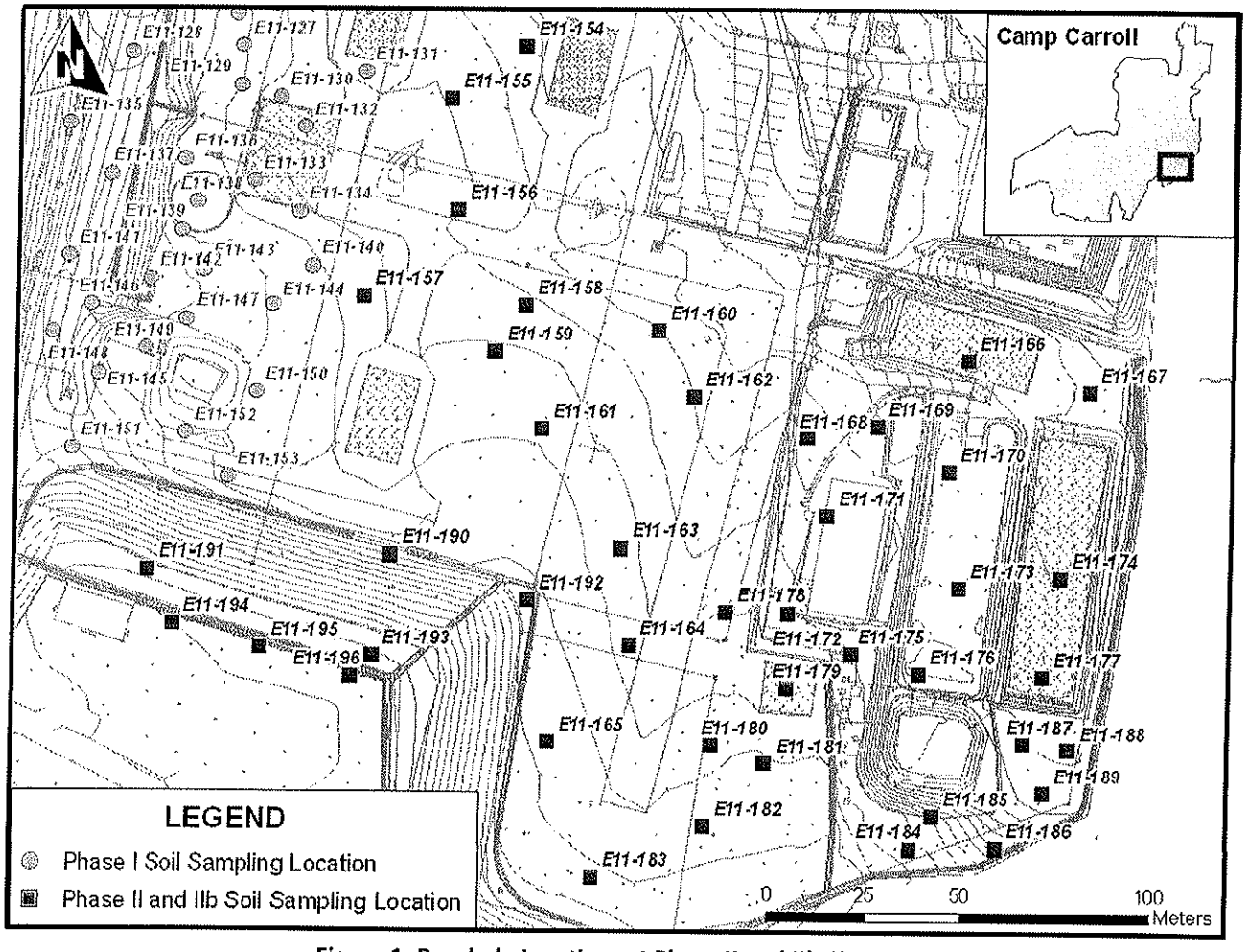

Figure 1. Borehole Locations at Phase II and IIb Sites

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NIER Camp Carroll Task Force
Technical Committee Meeting (July 13th, 2011)

Camp Carroll Site Investigation Results

- Groundwaters and Monitoring Wells -

July 2011

National Institute of Environmental Research

Ministry of Environment

Republic of Korea

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Executive Summary

The purpose of this investigation is to evaluate the contamination status associated with Camp Carroll. Twenty two groundwater (drinking water well samples (6), monitoring well samples (16)) near Helipad and area D were analyzed for 91 contaminants.

Table 1. Lists of analyzed contaminants

	Total	Herbicides (2,4-D, 2,4,5-T)	Dioxins /Furans	OCPs	VOCs	Metals	PAHs	TPHs
analytes	91	2	17	25	18	13	15	1

※ OCPs : Organochlorine Pesticides, VOCs : Volatile Organic Compounds, PAHs : Polycyclic Aromatic Hydrocarbons, TPHs : Total Petroleum Hydrocarbons

Herbicides were not detected in all samples. **Dioxins/furans** were not detected in drinking water well samples but trace amounts of **dioxins/furans** were detected in three monitoring well samples (0.001 pg-TEQ/L). For **γ-HCH** and **dieldrin**, concentrations of two samples (2,726~3,649 ng/L) and six samples (30.5~211.0 ng/L) from monitoring wells were higher than WHO drinking water guidelines (γ-HCH : 2,000 ng/L, dieldrin : 30 ng/L), respectively.

For **trichloroethene (TCE)**, concentrations of five samples (0.038~0.090 mg/L) from drinking water wells and seven samples (0.077~0.743 mg/L) from monitoring wells were higher than Korean Drinking Water Standard (0.03 mg/L). In addition, for **tetrachloroethene (PCE)**, concentrations of two samples (0.030~0.046 mg/L) from drinking water wells and twelve samples (0.025~0.497 mg/L) from monitoring wells were higher than Korean Drinking Water Standard (0.01 mg/L). For ***cis*-1,2-Dichloroethene**, concentrations of seven samples (0.076~1.346 mg/L) were higher than EPA Maximum Contaminant Level (0.07 mg/L).

I Overview

❑ On-Site Investigation performed by NIER

- ○ Establishment of NIER Task Force : 22 specialists (June 3rd, 2011)
- ○ Analytes : Herbicide (2,4-D, 2,4,5-T), Dioxins/Furans (17 types of 2,3,7,8-congeners), OCPs (25 analytes), VOCs (18 analytes), PAHs (15 analytes), TPHs, heavy metals (13 analytes)

※ OCPs : Organochlorine Pesticides, VOCs : Volatile Organic Compounds, PAHs : Polycyclic Aromatic Hydrocarbons, TPHs : Total Petroleum Hydrocarbons

❑ Site Sampling Points

- ○ Twenty two (22) groundwater samples (near Helipad and Area D)
  - Six (6) samples from drinking water wells
  - Sixteen (16) samples from monitoring wells
- ○ Sampling points are shown in the Appendix 1.

II Analytical Methods

❑ Herbicides (2,4-D, 2,4,5-T)

- ○ Groundwater samples were analyzed in accordance with **Korean Official Testing Method for Drinking Water.**
  - Each sample (**200 mL**) was extracted with diethyl ether, followed by estrification with trifluoroacetic anhydride (TFAA) and trifluoroethanol (TFE)
  - The internal standard (Phenanthrene-d_{10}) was added to extracts (100 μL) immediately prior to instrumental analysis with GC/MS above 1,000 resolution (SIM, 70 eV).

※ SIM : Selective Ion Monitoring

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❑ Dioxins/Furans (17 types of 2,3,7,8-congeners)

○ Samples were analyzed in accordance with **Korean Official Testing Method for Persistent Organic Pollutants (ES 10368.1).**

- After surrogate standards (15 ^{13}C-labeled standards) were added in each sample **(10 L)**, it was extracted with dichloromethane.
- Extracts were cleaned up using silicagel column, followed by alumina column.
- Internal standards (^{13}C-1,2,3,4-TCDD, 1,2,3,7,8,9-HxCDD) were added to extracts (10 ~ 50 μL) immediately prior to instrumental analysis with HRGC/HRMS above 10,000 resolution (SIM, 36 eV).
- **TEQs** (Toxic equivalents) were evaluated with **I-TEF** (international toxic equivalency factor) using OPUS quantification programme.

❑ Organochlorine Pesticides (OCPs, 25 analytes)

○ Samples were analyzed in accordance with **Korean Official Testing Method for Persistent Organic Pollutants (ES 10903.1a).**

- After twenty five surrogate standards (^{13}C-labeled) were added in each sample **(1 L)**, it was extracted with dichloromethane, followed by clean up using florisil-based SPE cartridge and activated-carbon-based cartridge.
- Internal standard (^{13}C-labeled dichlorinated biphenyl) was added to extracts (100 μL) immediately prior to instrumental analysis with HRGC/HRMS above 10,000 resolution (SIM, 36 eV).

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❑ Volatile Organic Compounds (VOCs, 18 analytes)

○ Samples were analyzed in accordance with **Korean Official Testing Method for Drinking Water (ES 05601 1a).**

- After internal standard (1,2-dichlorobenzene-d_4) was added in each sample (**5 mL**), it was analyzed with purge & trap GC/MS above 1,000 resolution (SIM, 70 eV).

❑ Polycyclic Aromatic Hydrocarbons (PAHs, 15 analytes)

○ Samples were analyzed in accordance with **EPA Method 3510C and 8270D.**

- After five surrogate standards (Naphthalene-d_8, Acenaphthene-d_{10}, Chrysene-d_{12}, Phenanthrene-d_{10}, Perylene-d_{12}) were added in each sample (**1 L**), it was extracted with dichloromethane.
- The two internal standards (Fluorene-d_{10}, Pyrene-d_{10}) were added to extracts (1,000 μL) immediately prior to instrumental analysis with GC/MS above 1,000 resolution (SIM, 70 eV).

❑ Total Petroleum Hydrocarbons (TPHs)

○ Samples were analyzed in accordance with **Korean Official Testing Method for Water.**

- Each sample (**500 mL**) was extracted with dichloromethane.
- Concentrated extracts (2,000 μL) were cleaned up using silica gel and analyzed with GC/FID

※ FID : Flame Ionization Detector

❑ Metals including heavy metals (13 analytes)

○ Samples were analyzed in accordance with **Korean Official Testing Method for Drinking Water (ES 15400 3a and 05400 2a).**

- After groundwater sample (**50 mL**) was digested with nitric acid (50 volume %), samples were analyzed with ICP/MS and ICP.

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Ⅲ Summary of Results

❑ Herbicides (2,4-D, 2,4,5-T)

○ Herbicides were not detected in all samples.

❑ Dioxins/Furans (17 types of 2,3,7,8-congeners)

○ Dioxins/furans were not detected in **drinking water well** samples

○ Dioxins/furans were detected in three **monitoring well** samples.

- The concentration measured from three samples was 0.001 pg-TEQ/L
- 2,3,7,8-TCDD was not detected and the major congener was OCDD.

Table Ⅲ-1. Concentrations of detected Dioxins/Furans from monitoring well

Dioxins/Furans	MCL*	Monitoring Well			LOQ
		Helipad	Area D		
		B09-178MW	B03-463MW	B07-220MW	
2,3,7,8-congeners I-TEQ(pg-TEQ/L)	30 pg/L (2,3,7,8-TCDD)	0.001	0.001	0.001	0.5 pg/L

※ EPA drinking water MCL (Maximum Contaminant Level)

❑ Organochlorine Pesticides (OCPs, 25 analytes)

○ Eight compounds among OCPs were detected in six **drinking water well** samples.

Table Ⅲ-2. Concentrations of detected OCPs from drinking water well

Pesticides	WHO drinking water guideline	Drinking Water Well						LOQ
		20-575	14-283	16-289	15-286	12-247	13-279	
α-HCH	-	ND	4.9	ND	2.1	2.3	ND	0.5 ng/L
β-HCH	-	ND	11.6	ND	7.5	5.9	ND	0.5 ng/L
γ-HCH(Lindane)	2000 ng/L	0.9	21.3	0.5	4.6	10.2	0.9	0.5 ng/L
δ-HCH	-	ND	10.5	ND	4.8	5.4	ND	0.5 ng/L
Heptachlor Epoxide	-	ND	0.6	ND	0.6	ND	ND	0.5 ng/L
Dieldrin	30 ng/L (Aldrin+Dieldrin)	ND	1.3	ND	1.2	0.7	ND	0.5 ng/L
2,4-DDD	1000 ng/L	ND	0.7	ND	ND	ND	ND	0.5 ng/L
β-Endosulfan		ND	ND	ND	ND	ND	0.6	0.5 ng/L

○ Nineteen compounds among OCPs were detected in sixteen **monitoring well** samples.

- **γ-HCH (Lindane)** : Concentrations of two samples (2,726~3,649 ng/L) were higher than WHO drinking water guideline (2,000 ng/L).
- **Dieldrin** : Concentrations of six samples (30.5~211.0 ng/L) were higher than WHO drinking water guideline (30 ng/L).

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Table Ⅲ-3. Concentrations of detected OCPs from monitoring well

Pesticides	WHO dinking water guideline	Monitoring Well																LOQ
		Helipad			Area D													
		B09-176 MW	B09-177 MW	B09-178 MW	B09-221 MW	B03-463 MW	B07-219 MW	B07-221 MW	B07-220 MW	B07-217 MW	B07-218 MW	B09-193 MW	B03-466 MW	B03-467 MW	B03-464 MW	B03-468 MW	B03-465MW	
α-HCH	-	1.4	0.6	69.8	ND	373.9	27.0	31.7	12.1	43.5	1.0	22.4	34.4	8.5	0.6	ND	3.2	0.5 ng/L
β-HCH	-	ND	1.4	0.8	ND	627.8	186.1	8.0	181.0	0.5	18.5	244.8	749.8	64.7	2.7	1.8	27.4	0.5 ng/L
γ-HCH(Lindane)	2000 ng/L	31.2	1.1	**2726.0**	20.2	**3648.8**	83.4	20.8	100.4	46.3	6.9	120.0	279.1	1.7	6.5	2.8	10.3	0.5 ng/L
δ-HCH	-	ND	ND	290.0	ND	1148.4	35.8	39.3	12.1	4.1	0.9	48.5	211.7	341.4	2.3	1.1	7.4	0.5 ng/L
Heptachlor Epoxide	-	1.4	ND	ND	ND	1.0	1.2	ND	4.3	ND	9.0	8.4	10.0	6.4	ND	0.6	2.6	0.5 ng/L
Dieldrin	30 ng/L (Aldrin+ Dieldrin)	3.2	1.0	3.4	ND	5.4	**211.0**	**30.9**	**42.2**	24.1	**30.5**	**57.7**	**79.8**	0.7	ND	ND	7.6	0.5 ng/L
Endrin	600 ng/L	1.2	2.2	ND	ND	ND	3.4	ND	0.6	ND	ND	ND	0.5	ND	ND	ND	ND	0.5 ng/L
trans-Chlordane	200 ng/L (t+c-Chlordane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.2	ND	ND	ND	ND	ND	ND	0.5 ng/L
cis-Chlordane		ND	ND	ND	ND	0.8	0.9	ND	0.6	ND	4.1	1.7	1.0	ND	ND	ND	0.6	0.5 ng/L
trans-Nonachlor	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8	ND	ND	ND	ND	ND	ND	0.5 ng/L
2,4-DDE	1000 ng/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8	ND	ND	ND	ND	ND	ND	0.5 ng/L
4,4'-DDE		ND	ND	ND	ND	ND	ND	ND	4.3	ND	8.9	0.7	ND	ND	0.6	ND	ND	0.5 ng/L
2,4-DDD		ND	ND	ND	ND	ND	0.6	ND	1.5	ND	21.0	ND	9.7	ND	ND	ND	ND	0.5 ng/L
4,4'-DDD		ND	ND	ND	ND	ND	0.5	1.1	2.7	ND	49.9	ND	ND	ND	ND	ND	0.7	0.5 ng/L
2,4-DDT		ND	ND	ND	ND	ND	0.5	ND	4.3	ND	4.4	ND	ND	ND	ND	ND	ND	0.5 ng/L
4,4'-DDT		ND	ND	ND	ND	ND	1.1	1.2	42.5	ND	19.7	1.0	ND	ND	1.4	2.3	ND	0.5 ng/L
Pentachlorobenzene		ND	ND	ND	ND	ND	ND	ND	3.3	ND	ND	1.9	1.7	ND	ND	ND	ND	0.5 ng/L
α-Endosulfan		1.9	ND	ND	ND	ND	ND	0.6	1.2	ND	8.2	3.3	ND	2.2	0.6	ND	ND	0.5 ng/L
β-Endosulfan		3.5	1.9	ND	ND	ND	ND	ND	ND	ND	ND	0.7	ND	1.3	1.0	0.6	ND	0.5 ng/L

※ ND : not detected

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❑ Volatile Organic Compounds (VOCs, 18 analytes)

○ Seven compounds of VOCs were detected in **six drinking water well** samples.

- **TCE** : Concentrations of five samples (0.038~0.090 mg/L) were higher than KDWS (0.03 mg/L).
- **PCE** : Concentrations of two samples (0.030~0.046 mg/L) were higher than KDWS (0.01 mg/L).

Table Ⅲ-4. Concentrations of detected VOCs from drinking water well

VOCs	Korean drinking water standard	Drinking Water Well						LOQ
		20-575	14-283	16-289	15-286	12-247	13-279	
1,1-Dichloroethene	0.03 mg/L	ND	0.001	0.012	0.001	0.008	0.002	0.001 mg/L
Chloroform	0.08 mg/L	0.001	ND	ND	ND	ND	ND	0.001 mg/L
1,1,1-Trichloroethane	0.1 mg/L	ND	ND	0.003	ND	0.002	ND	0.001 mg/L
Trichloroethene (TCE)	0.03 mg/L	**0.090**	**0.038**	**0.038**	0.025	**0.071**	**0.042**	0.001 mg/L
Tetrachloroethene (PCE)	0.01 mg/L	0.002	0.002	**0.046**	0.007	**0.030**	0.004	0.001 mg/L
trans-1,2-Dichloroethene	0.1 mg/L*	ND	ND	ND	ND	0.001	ND	0.0005 mg/L
cis-1,2-Dichloroethene	0.07 mg/L*	0.008	0.006	0.048	0.010	0.046	0.007	0.0005 mg/L

※ * EPA drinking water MCL (Maximum Contaminant Level)

※ ND : not detected

○ Eleven compounds of VOCs were detected in **sixteen monitoring well** samples.

- **TCE** : Concentrations of seven samples (0.077~0.743 mg/L) were higher than KDWS (0.03 mg/L).
- **PCE** : Concentrations of twelve samples (0.025~0.497 mg/L) were higher than KDWS (0.01 mg/L).
- **cis-1,2-Dichloroethene** : Concentrations of seven samples (0.076~1.346 mg/L) were higher than EPA MCL (0.07 mg/L).

※ KDWS : Korean Drinking Water Standard

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Table Ⅲ-5. Concentrations of detected VOCs from monitoring well

VOCs	Korean drinking water standard	Monitoring Well																LOQ
		Helipad			Area D													
		B09-176 MW	B09-177 MW	B09-178 MW	B09-221 MW	B03-463 MW	B07-219 MW	B07-221 MW	B07-220 MW	B07-217 MW	B07-218 MW	B09-193 MW	B03-466 MW	B03-467 MW	B03-464 MW	B03-468 MW	B03-46 5MW	
1,1-Dichloroethene	0.03 mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007	0.001 mg/L
Methylene chloride	0.02 mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	0.002 mg/L
Chloroform	0.08 mg/L	ND	ND	ND	ND	0.001	ND	0.006	0.002	0.005	ND	0.002	0.002	ND	ND	ND	ND	0.001 mg/L
Benzene	0.01 mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.008	ND	ND	0.005	0.001 mg/L
Trichloroethene (TCE)	0.03 mg/L	0.001	ND	ND	ND	0.077	0.102	0.201	0.238	0.743	0.004	0.427	0.021	ND	0.016	ND	0.132	0.001 mg/L
Tetrachloroethene (PCE)	0.01 mg/L	0.002	ND	0.211	ND	0.241	0.415	0.198	0.125	0.497	0.033	0.063	0.227	ND	0.031	0.034	0.025	0.001 mg/L
o-Xylene	0.5 mg/L (o+m+p -xylene)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	0.001 mg/L
m-Xylene		ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	0.001	ND	ND	0.001	0.001 mg/L
p-Xylene		ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	0.002	ND	ND	0.001	0.001 mg/L
trans-1,2-Dichloroethene	0.1 mg/L*	ND	ND	ND	ND	ND	0.003	0.001	0.001	0.005	ND	0.001	ND	ND	ND	ND	0.042	0.0005 mg/L
cis-1,2-Dichloroethene	0.07 mg/L*	ND	ND	ND	0.001	0.129	0.076	0.099	0.089	0.280	0.031	0.099	0.041	ND	ND	ND	1.346	0.0005 mg/L

※ * EPA drinking water MCL (Maximum Contaminant Level)

※ ND : not detected

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❑ Polycyclic Aromatic Hydrocarbons (PAHs, 15 analytes)

○ PAHs were not detected in all the groundwater samples.

❑ Total Petroleum Hydrocarbons (TPHs)

○ TPHs were not detected in all the groundwater samples.

❑ Metals including heavy metals (13 analytes)

○ Seven compounds of metals were detected in **six drinking water well** samples.

- **Fe** : Concentrations of four samples (1.45~2.35 mg/L) were higher than KDWS (0.3 mg/L).
- **Zn** : The concentration of one sample (3.879 mg/L) was higher than KDWS (3 mg/L).
- **Se** : Concentrations of three samples (0.01~0.063 mg/L) were higher than KDWS (0.01 mg/L).
- **Mn** : The concentration of one sample (0.067 mg/L) was higher than KDWS (0.05 mg/L).

Table Ⅲ-6. Concentrations of detected metals from drinking water well

Metals	Korean drinking water standard	Drinking Water Well						LOQ
		20-575	14-283	16-289	15-286	12-247	13-279	
Al	0.2 mg/L	ND	0.02	ND	ND	ND	ND	0.02 mg/L
Fe	0.3 mg/L	0.06	1.54	0.10	2.24	2.35	1.45	0.05 mg/L
Mn	0.05 mg/L	ND	0.018	ND	0.067	0.04	0.016	0.005 mg/L
Zn	3 mg/L	ND	0.604	ND	3.879	2.960	0.305	0.002 mg/L
Se	0.01 mg/L	ND	0.010	ND	0.063	0.047	0.006	0.005 mg/L
B	1 mg/L	0.07	0.13	0.03	0.06	0.06	0.14	0.01 mg/L
Ba*	2 mg/L	0.04	0.02	0.04	0.02	0.03	0.02	0.002 mg/L

※ * EPA drinking water MCL (Maximum Contaminant Level)

※ KDWS : Korean Drinking Water Standard

※ ND : not detected

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○ Six compounds of metals were detected in **sixteen monitoring well** samples.

- Al : Concentrations of three samples (0.24~0.99 mg/L) were higher than KDWS (0.2 mg/L).
- Mn : Concentrations of five samples (0.101~6.457 mg/L) were higher than KDWS (0.05 mg/L).

Table Ⅲ-7. Concentrations of detected metals from monitoring well

Metals	Korean drinking water standard	Monitoring Well																LOQ
		Helipad			Area D													
		B09-1 76MW	B09-1 77MW	B09-1 78MW	B09-2 21MW	B03-4 63MW	B07-2 19MW	B07-2 21MW	B07-2 20MW	B07-2 17MW	B07-2 18MW	B09-1 93MW	B03-4 66MW	B03-4 67MW	B03-4 64MW	B03-4 68MW	B03-4 65MW	
Al	0.2 mg/L	0.18	ND	0.10	0.07	ND	0.08	0.03	0.07	ND	0.99	0.06	ND	ND	0.24	0.52	0.03	0.02 mg/L
Fe	0.3 mg/L	0.05	0.05	0.25	0.12	0.07	0.06	0.07	0.08	0.06	0.07	0.08	ND	ND	0.11	ND	ND	0.05 mg/L
Mn	0.05 mg/L	0.021	ND	ND	0.005	0.016	ND	0.024	0.032	0.015	0.113	0.101	0.601	6.457	0.008	0.007	0.299	0.005 mg/L
Zn	3 mg/L	0.015	0.011	0.117	0.007	0.008	ND	0.006	ND	0.007	0.009	0.011	0.004	0.003	0.014	ND	0.005	0.002 mg/L
B	1 mg/L	ND	ND	ND	ND	0.01	0.04	0.02	0.04	ND	ND	ND	0.03	0.10	0.01	0.01	0.01	0.005 mg/L
Ba*	2 mg/L	0.06	0.05	0.03	0.04	0.05	0.04	0.13	0.11	0.06	0.08	0.06	0.07	0.08	0.12	0.01	0.19	0.01 mg/L

※ * EPA drinking water MCL (Maximum Contaminant Level)

※ KDWS : Korean Drinking Water Standard

※ ND : not detected

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