

Uploaded to the VFC Website



This Document has been provided to you courtesy of Veterans-For-Change!

Feel free to pass to any veteran who might be able to use this information!

For thousands more files like this and hundreds of links to useful information, and hundreds of "Frequently Asked Questions, please go to:

Veterans-For-Change

Veterans-For-Change is a A 501(c)(3) Non-Profit Organizaton
Tax ID #27-3820181
CA Incorporation ID #3340400
CA Dept. of Charities ID #: CT-0190794

If Veterans don't help Veterans, who will?

We appreciate all donations to continue to provide information and services to Veterans and their families.

https://www.paypal.com/cgi-bin/webscr?cmd= s-xclick&hosted button id=WGT2M5UTB9A78

Note

VFC is not liable for source information in this document, it is merely provided as a courtesy to our members & subscribers.



Table 7. Continued

LVA:		orehole →	E11-170	E11-170	E11-171	E11-171	E11-171	E11-172	E11-172	£11-172	E11-172	E11-173
No	na Perana di Pantana na Lata da Lata da Sa	ample ID 🔿	.53	54	51	52	S3	S1	S2	S3	54	S1
7713 7713	Analyte↓ C	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	NĐ	ND	ND	ND	ND
2	1,1,1-Trichloroethane	μg/kg	ND	NĐ	ND	NĐ						
3	1,1,2,2-Tetrachloroethane	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	ND	ND
4	1,1,2-Trichloroethane	μg/kg	NĐ	ND								
5	1,1-Dichloroethane	μg/kg	ND									
6	1,1-Dichloroethene	μg/kg	ND									
7	1,1-Dichloropropene	μg/kg	ND	NĐ								
8	1,2,3-Trichlorobenzene	μg/kg	NĐ	ND	ND	ND	NĐ	ND	ND	ND	ND	ND
9	1,2,3-Trichloropropane	μg/kg	ND									
10	1,2,4-Trichlorobenzene	μg/kg	ND									
11	1,2,4-Trimethylbenzene	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	ND	ND
12	1,2-Dibromo-3-chloropropane	μg/kg	ND									
13	1,2-Dibromoethane	μg/kg	ND									
14	1,2-Dichlorobenzene	μg/kg	ND									
15	1,2-Dichloroethane	μg/kg	ND	NĐ	ND							
16	1,2-Dichloropropane	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	ND	ND	NĐ
17	1,3,5-Trimethylbenzene	μg/kg	ND	NĐ	ND							
18	1,3-Dichlorobenzene	μg/kg	ND									
19	1,3-Dichloropropane	μg/kg	ND									
20	1,4-Dichlorobenzene	μg/kg	ND	NĐ	ND							
21	2,2-Dichloropropane	μg/kg	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	МĐ	ND	NĐ	NĐ	ND	ND	ND	NĐ	NĐ
24	2 Нехаполе	μg/kg	ND	МD	ND	ND	ND	4,44 J	ND	ND	ND	ND
25	4-Chlorotoluene	μg/kg	ND									
26	4-Isopropyitoluene	μg/kg	NĐ	ND	ND	ND	ND	ND	NĐ	ND	ND	ND
27	4-Methyl-2-pentanone	μg/kg	ND									
28	Acetone	μg/kg	ND	5.94 J	32,7 J	16.5 J	21.73	98.8	35.7 J	ND	11.2 j	NĎ
29	Benzene	μg/kg	ND									
30	Bromobenzene	μg/kg	ND	ND	ND	NĐ	ND	ND	NĐ	ND	ND	ND
31	Bromochloromethane	μg/kg	ND									
32	Bromodichloromethane	μg/kg	ND									
33	Bromoform	μg/kg	NĐ	ND								
34	Bromomethane	μg/kg	ND									

^{1:} Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

		Borehole →	E11-170	E11-170	E11-171	E11-171	E11-171	E11-172	E11-172	E11-172	E11-172	E11-173
No		Sample ID →	`S3	S4	S1	S2	S3	S1	S2	S3	54	51
	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	NĐ	ND	ND
36	Carbon tetrachloride	μg/kg	ND									
37	Chlorobenzene	μg/kg	ND	ND	NĐ	ND						
38	Chloroethane	μg/kg	ND									
39	Chloroform	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
40	Chioromethane	μg/kg	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	NĐ	ND	NĐ	ND	ND	ND	ND	ND
43	Dibromochloromethane	μg/kg	ND									
44	Dibromomethane	μg/kg	ND	NĐ	ND	ND						
45	Dichlorodifluoromethane	μg/kg	ND	ND	NĐ	ND						
46	Ethyl Benzene	μg/kg	ND									
47	Hexachlorobutadiene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
48	Isopropylbenzene (Cumene)	μg/kg	ND	NĐ								
49	m,p-Xylene	μg/kg	ND	ND :								
50	Methyl iodide	μg/kg	ND	ND	1.35 J	ND	ND	ND	NĐ	ND	ND	ND
51	Methylene chloride	μg/kg	ND	NĐ	ND							
52	Naphthalene	μg/kg	ND									
53	n-Butylbenzene	μg/kg	ND									
54	n-Propylbenzene	μg/kg	ND									
55	o-Xylene	μg/kg	ND									
56	sec-Butylbenzene	μg/kg	ND	NĐ								
57	Styrene	μg/kg	ND									
58	tert-Butyl methyl ether (MTBE)	μg/kg	ND	ND	ND	NĐ	ND	ND	NĐ	NĐ	ND	NÜ
59	tert-Butylbenzene	μg/kg	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									
62	trans-1,2-Dichloroethene	μg/kg	ND									
63	trans-1,3-Dichloropropene	μg/kg	ND	DO	ND							
64	trans-1,4-Dichloro-2-butene	μg/kg	NĐ	ND	ND	ND	ND	В	ND	ND	ND	МD
	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	NĐ	ND	ND	ND
67	Vinyl chloride	μg/kg	ND	NĐ	NĐ	ND						

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

TRA CONTRA STREET PROBLEMS IN THE	Borehole ->	E11-173	E11-173	E11-173	E11-174	E11-174	E11-174	E11-174	E11-175	E11-175	E11-175
No	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									
2 1,1,1-Trichloroethane	μg/kg	ND	МĐ	ND							
3 1,1,2,2-Tetrachioroethane	μg/kg	ND	NĐ	NĐ	ND						
4 1,1,2-Trichloroethane	μg/kg	NĐ	ND								
5 1,1-Dichloroethane	μg/kg	ND	NĐ	ND	ND						
6 1,1-Dichloroethene	μg/kg	ND									
7 1,1-Dichloropropene	μg/kg	ND	ND	ND	NĐ	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									
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									
13 1,2-Dibromoethane	μg/kg	ND									
14 1,2-Dichlorobenzene	μg/kg	ND									
15 1,2-Dichloroethane	μg/kg	ND									
16 1,2-Dichloropropane	μg/kg	ND									
17 1,3,5-Trimethylbenzene	μg/kg	ND	NĐ	ND							
18 1,3-Dichlorobenzene	μg/kg	NĐ	ND	9.26 J	ND	ND	ND	ND	. ND	ND	ND
19 1,3-Dichloropropane	μg/kg	ND	ND	NĐ	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									
22 2-Butanone	μg/kg	ND	4,73 J	NĐ	ND	17.4 J	ND	1.86 J	1,93 J	1,86 J	ND
23 2-Chlorotoluene	μg/kg	ND									
24 2-Hexanone	μg/kg	NÜ	ND	NO	ND	ND	NĐ	ND	ND	ND	NĐ
25 4-Chiorotoluene	μg/kg	ND	ND	ND .	ND	ND	ND	ND	ND	NĐ	ND
26 4-Isopropyltoluene	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	NĐ	ND
27 4-Methyl-2-pentanone	μg/kg	ND									
28 Acetone	μg/kg	76.5	32.5 1	ND	ND	69.5	8.4 J	12.4 1	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	DM	ND	ND	ND	ND	МĐ	ND
31 Bromochloromethane	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	ND	ND	ND
32 Bromodichloromethane	μg/kg	ND									
33 Bromoform	μg/kg	ND	NĐ								
34 Bromomethane	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND

^{3:} Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

4:54		Borehole ->	E11-173	E11-173	E11-173	E11-174	E11-174	E11-174	E11-174	E11-175	E11-175	E11-175
No		Sample ID →	S2	53	54	S1	S2	S3	54	S 1	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	NĐ	ND	ND	ND	ND	ND	ND
37	Chlorobenzene	μg/kg	ND	NĐ	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	ΝĐ
39	Chloroform	μg/kg	ND	ND	ND	ND	ND	ND	26.7	ND	ND	ND
40	Chloromethane	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	ND	NĐ	ND
41	cis-1,2-Dichloroethene	μg/kg	ND	ND	293	438	16	4.77	21.1	NĐ	ND	104
42	cis-1,3-Dichloropropene	μg/kg	ND	ND	ND							
43	Dibromochloromethane	μg/kg	ND	ND	NĐ							
44	Dibromomethane	μg/kg	ND	NĐ	ND							
45	Dichlorodifluoromethane	μg/kg	ND	NĐ	ND							
46	Ethyl Benzene	μg/kg	ND	ND	ND							
47	Hexachlorobutadiene	μg/kg	ND	ND	ND							
48	isopropyibenzene (Cumene)	μg/kg	ND	ND	NĐ							
49	m,p-Xylene	μg/kg	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							
52	Naphthalene	μg/kg	ND	ND	ND	2560	ND	ND	ND	ND	ND	ND
53	n-Butylbenzene	μg/kg	ND	ND	NĐ							
54	n-Propylbenzene	μg/kg	ND	NĐ	ND							
55	o-Xylene	μg/kg	ND	ND	ND	18.7 J	ND	ŊD	ND	ND	ND	ND
56	sec-Butylbenzene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	NĐ
57	Styrene	μg/kg	NĐ	ND	ND	ND						
58	tert-Butyl methyl ether (IMTBE)	μg/kg	ND	NÜ	NÜ	ND	NÚ	NU	טא	שא	ÜN	ND
59	tert-Butylbenzene	μg/kg	NĎ	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 1	ND
62	trans-1,2-Dichloroethene	μg/kg	ND	ND	4.37							
63	trans-1,3-Dichloropropene	μg/kg	ND	ND	ND							
64	trans-1,4-Dichloro-2-butene	μg/kg	ND	ND	ND							
65	Trichloroethene	μg/kg	ND	ND	13.9 J	ND	ND	5.16	15.9	ND	ИD	47.2
66	Trichlorofluoromethane	μg/kg	ND	ND	ND							
67	Vinyl chloride	μg/kg	ND	ND	56.1	ND	ND	3.82 1	NĐ	ND	В	0.748 J

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

Iau	e 7. Continuea											
		Borehole ->	E11-175	E11-176	E11-176	E11-176	E11-176	E11-177	E11-177	E11-177	E11-177	E11-178
No	Sa	ample ID →	S4	S1	S2	S3	S4	S1	\$2	S3	S4	S1
	Analyte↓ C	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									
2	1,1,1-Trichloroethane	μg/kg	ND	ND	NĐ	ND						
3	1,1,2,2-Tetrachloroethane	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
4	1,1,2-Trichloroethane	μg/kg	ND	МD	ND	ND						
5	1,1-Dichloroethane	μg/kg	ND									
6	1,1-Dichloroethene	μg/kg	ND	ON	ND	ND						
7	1,1-Dichloropropene	μg/kg	ND									
8	1,2,3-Trichlorobenzene	μg/kg	ND	ND	NĐ	ND						
9	1,2,3-Trichloropropane	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	ND	ND	МD
10	1,2,4-Trichlorobenzene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
11	1,2,4-Trimethylbenzene	μg/kg	ND									
12	1,2-Dibromo-3-chloropropane	μg/kg	ND									
13	1,2-Dibromoethane	μg/kg	ND									
14	1,2-Dichlorobenzene	μg/kg	ND									
15	1,2-Dichloroethane	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	ND	ND	ND
16	1,2-Dichloropropane	μg/kg	ND									
17	1,3,5-Trimethylbenzene	μg/kg	ND									
18	1,3-Dichlorobenzene	μg/kg	NĐ	ND	NĐ							
19	1,3-Dichloropropane	μg/kg	ND	NĐ	ND							
20	1,4-Dichlorobenzene	μg/kg	ND									
21	2,2-Dichloropropane	μg/kg	ND	ND	ND	ND	NĐ	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	NĐ	ND	NĐ	ND	ND	ND	ND
24	2-Hexanone	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
25	4-Chiorotoluene	μg/kg	ND	ND	NĐ	ND	ND	ND	ND	ND	NĐ	ND
26	4-isopropyltoluene	μg/kg	ND	ND	ND	ND .	ND	ND	NĐ	ND	ND	ND
27	4-Methyl-2-pentanone	μg/kg	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./
29	Benzene	μg/kg	ND									
30	Bromobenzene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	NĐ
31	Bromochloromethane	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	NĐ
32	Bromodichloromethane	μg/kg	ND									
33	Bromoform	μg/kg	ND	В	ND							
34	Bromomethane	μg/kg	ND	ND	ND	ND	ND	ND	ИÐ	ND	NĐ	ND
OTE	^											

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

Table 7. Continued					,				·		
	Borehole ->	E11-175	E11-176	E11-176	E11-176	E11-176	E11-177	E11-177	E11-177	£11-177	E11-178
No	Sample ID →	S4	S1	S2	S3	S4	S1	S2	S3	\$4	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	NĐ	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	NĐ	ND	ND	ND	ND	ND	ND	ND
44 Dibromomethane	μg/kg	ND	ND	ND	ND	ND	NĐ	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 1	2.14 J	2.19 J	1.77 J
51 Methylene chloride	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
52 Naphthalene	μg/kg	ND	ND	ND	ND	ND	ND	ND	NĐ	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	NĐ	ND	ND	ND	NĐ
56 sec-Butylbenzene	μg/kg	ND	ND	ND	ND	ND	ND	ND	NĐ	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	NĐ	ND	ND	ΝĐ	ND	ND
59 tert-Butylbenzene	μg/kg	ND	ND	NĐ	ND	ND	ND	ND	ND	ND	ND
60 Tetrachloroethene	μg/kg	229	ND	3.44 J	ND	40.6 1	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	NĐ	ND	ND	ND	ND	ИÜ	ND	ND	NU	ND
63 trans-1,3-Dichloropropene	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	ND	ND	ND
64 trans-1,4-Dichloro-2-butene	μg/kg	ND	ND	ND	ND	NĐ	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

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

Table 7. Continued	Borehole ->	E11-178	E11-178	E11-178	E11-179	E11-179	E11-179	E11-179	E11-180	E11-180	E11-180
	ample ID ->	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3
	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									
2 1,1,1-Trichloroethane	μg/kg	ND									
3 1.1.2.2-Tetrachloroethane	μg/kg	ND									
4 1.1.2-Trichloroethane	μg/kg	ND									
5 1.1-Dichloroethane	μg/kg	ND	ND	1.36 J	ND	ND	МD	ND	ND	ND	ND
6 1.1-Dichloroethene	μg/kg	ND									
7 1,1-Dichloropropene	μg/kg	ND									
8 1,2,3-Trichlorobenzene	μg/kg	ND									
9 1.2.3-Trichloropropane	μg/kg	ND	NĐ								
10 1.2.4-Trichlorobenzene	μg/kg	ND									
11 1.2.4-Trimethylbenzene	μg/kg	ND									
12 1,2-Dibromo-3-chloropropane	μg/kg	ND									
13 1,2-Dibromoethane	μg/kg	ND									
14 1,2-Dichlorobenzene	μg/kg	ND									
15 1,2-Dichloroethane	μg/kg	ND									
16 1,2-Dichloropropane	μg/kg	ND	NĐ	ND	ND						
17 1,3,5-Trimethylbenzene	μg/kg	ND									
18 1,3-Dichlorobenzene	μg/kg	ND	NĐ	ND	ND						
19 1,3-Dichloropropane	μg/kg	ND									
20 1,4-Dichlorobenzene	μg/kg	ND									
21 2,2-Dichloropropane	μg/kg	ND	ND	ND	ND	NĐ	NĐ	ND	ND	ND	ND
22 2-Butanone	μg/kg	1.89 J	1.8 J	1.95 /	ND	2.93 J	1.92 J	ND	28	ND	ND
23 2-Chlorotoluene	μg/kg	ND	ND	10.4	ND						
24 2-Hexanone	μg/kg	NÜ	ND								
25 4-Chlorotoluene	μg/kg	ND	ND	19.7	ND						
26 4-Isopropyltoluene	μg/kg	ND	NĐ	ND							
27 4-Methyl-2-pentanone	μg/kg	ND	NĐ								
28 Acetone	μg/kg	10.8 J	1111	7.21 J	ND	15 J	19.3 J	ND	97,1	ND	NĐ
29 Benzene	μg/kg	ND	ND	1.21 J	ND						
30 Bromobenzene	μg/kg	ND									
31 Bromochloromethane	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
32 Bromodichloromethane	μg/kg	ND									
33 Bromoform	μg/kg	ND									
34 Bromomethane	μg/kg	ND									

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

Table 7. Continued											
	Borehole 🔿	E11-178	E11-178	E11-178	E11-179	E11-179	E11-179	E11-179	E11-180	E11-180	E11-180
No S	ample ID →	S2	S3	S4	S1	S2	S3	S4	S1	S2::::	\$3
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						
36 Carbon tetrachloride	μg/kg	ND									
37 Chlorobenzene	μg/kg	ND	ND	0.939 J	ND	ND	ND	ИD	ND	ND	ND
38 Chloroethane	μg/kg	ND	ND	ND	ND	ПD	ND	ND	ND	ND	ND
39 Chloroform	μg/kg	ND									
40 Chloromethane	μg/kg	ND	ND	ND	ND	ND	В	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									
43 Dibromochloromethane	μg/kg	ND									
44 Dibromomethane	μg/kg	ND									
45 Dichlorodifluoromethane	μg/kg	ND									
46 Ethyl Benzene	μg/kg	ND									
47 Hexachlorobutadiene	μg/kg	ND									
48 Isopropylbenzene (Cumene)	μg/kg	ND									
49 m,p-Xylene	μg/kg	ND	ND	ND	ND	ND	ВN	ND	ND	ND	ND
50 Methyl lodide	μg/kg	ND	0.728 J	ND	ND	ND	1.24 J	ND	7.92	ND	NĐ
51 Methylene chloride	μg/kg	ND	ND	ND .	ND						
52 Naphthalene	μg/kg	ND									
53 n-Butylbenzene	μg/kg	ND									
54 n-Propylbenzene	μg/kg	ND	ND	ND	NĎ	ND	ND	ND	ND	ND	ND
55 o-Xylene	μg/kg	ND	ND	ND	ND	ND .	NĐ	ND	ND	ND	ND
56 sec-Butylbenzene	μg/kg	ND									
57 Styrene	μg/kg	ND	ND	ND	ND	ND ND	ND	ND	ND	ND	ND
58 tert-Butyl methyl ether (MTBE)	μg/kg	NU	ND	พบ	พบ	ND	NU	ND	ND	ND	ИÐ
59 tert-Butylbenzene	μg/kg	ND	ND	ND	ND	ND	МĎ	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									
63 trans-1,3-Dichloropropene	μg/kg	ND									
64 trans-1,4-Dichloro-2-butene	μg/kg	ND	NĐ	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									
67 Vinyl chloride	μg/kg	ND	ПD	ND							

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

		Borehole →	E11-180	E11-181	E11-181	E11-181	E11-182	E11-182	E11-182	E11-182	E11-183	E11-183
No		Sample ID 🤿	54	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	NĐ	ND	ND	ND	ND
7	1,1-Dichloropropene	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
8	1,2,3-Trichlorobenzene	μg/kg	ND	ND	ND	ND	ND	NĐ	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	NĐ	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	1,3,5-Trimethylbenzene	μg/kg	NĐ	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	1,3-Dichlorobenzene	μg/kg	ND	ND	NĐ	ND						
19	1,3-Dichloropropane	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	1,4-Dichlorobenzeпe	μg/kg	ND	ND	ND	ND	ND	ND	ND	NĐ	ND	NĐ
21	2,2-Dichloropropane	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	2-Butanone	μg/kg	ND	ND	МD	ND	ND	NĐ	ND	5.52 J	ND	ND
23	2-Chlorotoluene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
24	2-Hexanone	μg/kg	ND	טא	ND	ND	ี่ ND	หม	พบ	NÜ	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]	11.6 J	29.1 J	27.1]	21.4 J	12.4 J
29	Вепzепе	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Bromobenzene	μg/kg	ND	ND	NĐ	ND						
31	Bromochloromethane	μg/kg	ND	ND	ND	ND	ND	ND	ND	NO	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	ИD
34	Bromomethane	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

		Borehole →	E11-180	E11-181	E11-181	E11-181	E11-182	E11-182	E11-182	E11-182	E11-183	E11-183
No		Sample ID →	\$4	S1	S2	. \$ 3	S1	S2	S3	\$4	S1	S2
No.	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	NĐ	ND	ND	ND	NĐ	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	NĐ	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	isopropyibenzene (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	NĐ	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	1.49.1	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	NĎ	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	МĐ	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	NĐ
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	NĐ	ND	NĐ	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	NĐ
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	NĐ	1.25 J	4.47	ND	ND
66	Trichlorofluoromethane	μg/kg	ND	ND	NĐ	ND	ND	ND	ND	ND .	ND	ND
67	Vinyl chloride	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NĐ

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

	Borehole ->	E11-183	E11-183	E11-184	E11-184	E11-184	E11-184	E11-185	E11-185	E11-185	E11-185
11352.77	ample ID →		S4	S1	S2	S3	S4	S1	S2	S3	S4
38843	Depth, m ->		~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	NĐ	ND						
2 1,1,1-Trichloroethane	μg/kg	ND									
3 1,1,2,2-Tetrachloroethane	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
4 1,1,2-Trichloroethane	μg/kg	ND									
5 1,1-Dichloroethane	μg/kg	ND	ND	ИĐ	ND						
6 1,1-Dichloroethene	μg/kg	ND									
7 1,1-Dichloropropene	μg/kg	ND									
8 1,2,3-Trichlorobenzene	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	ND	ND
9 1,2,3-Trichloropropane	μg/kg	ND									
10 1,2,4-Trichlorobenzene	μg/kg	ND									
11 1,2,4-Trimethylbenzene	μg/kg	ND	NĐ								
12 1,2-Dibromo-3-chloropropane	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
13 1,2-Dibromoethane	μg/kg	ND									
14 1,2-Dichlorobenzene	μg/kg	ND	ND	NĐ	ND						
15 1,2-Dichloroethane	μg/kg	ND									
16 1,2-Dichloropropane	μg/kg	ND									
17 1,3,5-Trimethylbenzene	μg/kg	ND									
18 1,3-Dichlorobenzene	μg/kg	ND	ND	ND	ND	NĐ	NĐ	ND	NĐ	ND	ND
19 1,3-Dichloropropane	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
20 1,4-Dichlorobenzene	μg/kg	ND									
21 2,2-Dichloropropane	μg/kg	ND									
22 2-Butanone	μg/kg	ND	ND	7.77.1	3.44)	2.72 J	ND	11.5 J	2.04 J	5.23 J	ND
23 2-Chlorotoluene	μg/kg	ND									
24 2-liexanone	μg/kg	ND									
25 4-Chiorotoluene	μg/kg	ND									
26 4-isopropyltoluene	μg/kg	ND	ND	NĐ	ND						
27 4-Methyl-2-pentanone	μg/kg	ND									
28 Acetone	μg/kg	5,95 J	16.3 J	45	11,2 1	15 J	ND	49,6	12.2 J	33.8 J	2.37 J
29 Benzene	μg/kg	ND									
30 Bromobenzene	μg/kg	ND									
31 Bromochloromethane	μg/kg	ND									
32 Bromodichloromethane	μg/kg	ND									
33 Bromoform	μg/kg	ND									
34 Bromomethane	μg/kg	ND									

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

		Borehole ->	E11-183	E11-183	E11-184	E11-184	E11-184	E11-184	E11-185	E11-185	E11-185	E11-185
No	S	Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	- S3	S4
1000	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									
36	Carbon tetrachloride	μg/kg	ND									
37	Chlorobenzene	μg/kg	ND									
38	Chloroethane	μg/kg	ND									
39	Chloroform	μg/kg	ND	ND	NĐ	ND						
40	Chloromethane	μg/kg	ND	ND	NĐ	ND	ND	ND	ND	ND	ND	ИD
41	cis-1,2-Dichloroethene	μg/kg	8.35	2.31 J	ND	ND	ИО	ND	ND	ND	ND	ND
42	cis-1,3-Dichioropropene	μg/kg	ИD	ND								
43	Dibromochloromethane	μg/kg	ND									
44	Dibromomethane	μg/kg	ND	NĐ	NĐ							
45	Dichlorodifluoromethane	μg/kg	ND									
46	Ethyl Benzene	μg/kg	ND									
47	Hexachlorobutadiene	μg/kg	ND	ND	В	ND	NĐ	ND	ND	ND	ND	ND
48	lsopropylbenzene (Cumene)	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
49	m,p-Xylene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	NĐ
50	Methyl iodide	μg/kg	ND	ND	ND	2,02 J	1.07 1	ND	2.66 J	0.723 J	1.51 J	ND
51	Methylene chloride	μg/kg	2.07 J	2,48 J	NĐ	ND	ND	2.76 J	ND	ND	ND	ND
52	Naphthalene	μg/kg	ND	ND	ND	NĐ	МĐ	ND	ND	ND	ND	ND
53	n-Butylbenzene	μg/kg	ND	NĐ								
54	n-Propylbenzene	μg/kg	ND	ND	NĐ	ND	NĐ	ND	ND	ND	ND	ND
55	o-Xylene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
56	sec-Butylbenzene	μg/kg	ND	NÐ	ND							
57	Styrene	μg/kg	ND	ND	ND .	ND	ND	ND -	ND	NĐ	ND	ND
58	tert-Butyl methyl ether (MTBE)	μg/kg	ND									
59	tert-Butylbenzene	μg/kg	ND									
60	Tetrachioroethene	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
_	trans-1,2-Dichloroethene	µg/kg	ND	ND	ND	В	ND	ND	ND	ND	ND	ND
63	trans-1,3-Dichloropropene	μg/kg	ND	ND	ND	ND	ND	ΝĐ	ND	ND	ND	ND
64	trans-1,4-Dichloro-2-butene	μg/kg	ND	ON								
65	Trichloroethene	μg/kg	27.6	2.59 J	ND	3.7)	3.08 J	0,802 J	ND	3.63 J	4.86 J	ND
***********	Trichlorofluoromethane	μg/kg	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67	Vinyl chloride	μg/kg	ND									

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

	Borehole ->	E11-186	E11-186	E11-186	E11-186	E11-187	E11-187	E11-187	E11-187	E11-188	E11-188
No S	ample 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	NĐ	ND	ND
5 1,1-Dichloroethane	μg/kg	NĐ	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	NĐ	ND	ND	ND	ND	ND
9 1,2,3-Trichloropropane	μg/kg	ND	ND	NĐ	ND	ND	ND	ND	NĐ	ND	ND
10 1,2,4-Trichlorobenzene	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	NĐ	ND
11 1,2,4-Trimethylbenzene	μg/kg	ND	ND	ND	ND	ND	ND ·	NĐ	ND	ND	ND
12 1,2-Dibromo-3-chloropropane	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	ND	ND	NĐ
13 1,2-Dibromoethane	μg/kg	ND	ND	NĐ	ND	ND	ND	ND	ND	ND	ND
14 1,2-Dichlorobenzene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	NĐ	ND
15 1,2-Dichloroethane	μg/kg	МĐ	ND	ND	ND	ND	ND	ND	ND	ND	ND
16 1,2-Dichloropropane	μg/kg	ND	ND	ND	NĐ	ND	ND	NĐ	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	NĐ	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	ND
24 2-Hexanone	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	МD
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	17.63	3,970	7.73 J	NĐ	ND	NĐ	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	NĐ	ND	ND	ИD	ND
31 Bromochloromethane	μg/kg	ND	ND	ND	ND	ND	NĐ	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

^{3:} Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

		Borehole →	E11-186	E11-186	E11-186	E11-186	E11-187	E11-187	E11-187	E11-187	E11-188	E11-188
No	Se	ample ID →	S1	S2	53	S4	S1	S2	S3	54	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									
36	Carbon tetrachloride	μg/kg	ND									
37	Chlorobenzene	μg/kg	ND	ND	ND	МD	ND	ND	ND	ND	ND	ND
38	Chloroethane	μg/kg	ND	NĐ	ND	ND	ND	ND	ND	ND	NĐ	ND
39	Chloroform	μg/kg	ND	NO	ND	ND						
40	Chioromethane	μg/kg	ND	В								
41	cis-1,2-Dichloroethene	μg/kg	ИD	ND	ND	ND	ND	2,67 J	ND	ND	ND	ND
42	cis-1,3-Dichloropropene	μg/kg	ND									
43	Dibromochloromethane	μg/kg	ND	NĐ	NĐ	ND	NĐ	NĐ	ND	ND	ND	ND
44	Dibromomethane	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	NĐ	NĐ	ND
45	Dichlorodifluoromethane	μg/kg	ND	NĐ								
46	Ethyl Benzene	μg/kg	ND									
47	Hexachlorobutadiene	μg/kg	ND									
48	isopropylbenzene (Cumene)	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	ND	ND	ND
49	m,p-Xylene	μg/kg	ND									
50	Methyl iodide	μg/kg	3,12 J	1.43 J	ND							
51	Methylene chloride	μg/kg	ND	ND :	ND	ND						
52	Naphthalene	μg/kg	ND									
53	n-Butyibenzene	μg/kg	ND	ND	NĐ	ND	ND	NĐ	ND	ND	ND	ND
54	n-Propylbenzene	μg/kg	ND	NĐ	ND	ND						
55	o-Xylene	μg/kg	ND									
56	sec-Butylbenzene	μg/kg	ND									
57	Styrene	μg/kg	ND	ND	ND	NĐ	ND	МÐ	ND	ND	ND	ND
58	tert-Butyl methyl ether (MTBE)	μg/kg	ND									
59	tert-Butylbenzene	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	DM	ND
60	Tetrachloroethene	μg/kg	ND	NĐ	ND	ND						
61	Toluene	μg/kg	2,26 J	1,4 J	1.05 J	ND						
62	trans-1,2-Dichloroethene	μg/kg	ND									
63	trans-1,3-Dichloropropene	μg/kg	ND									
64	trans-1,4-Dichloro-2-butene	μg/kg	ND	. ND	ND	ND	ND	ND	NĐ	ND	ND	ND
65	Trichloroethene	μg/kg	ND	ND	ND	ND	ND	1.73 1	ND	NÐ	ND	ND
66	Trichlorofluoromethane	μg/kg	ND									
67	Vinyl chloride	μg/kg	ND									

3: Estimated amount between the detection limit and reporting limit

R: Data rejected

43/4

Table 7. Continued

Table 7. Continued						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
	Borehole >	E11-188	E11-188	E11-189	E11-189	E11-189	E11-189	E11-190	E11-190	E11-190	E11-190
No.	Sample ID →	S3	, S4	S1	.S2	S3	S4	S1	S2	53	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-Trichforoethane	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	NĐ	NĐ	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	NĐ	NĐ	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	GM	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	ИĐ	ND	ND	ND
16 1,2-Dichloropropane	μg/kg	ND	ND	ND	ND	В	ND	ND	NĐ	ND	NĐ
17 1,3,5-Trimethylbenzene	μg/kg	ND	ND .	ND	ND	ND	ND	ND	NĐ	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	NĐ	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	ND
25 4-Chlorotoluene	μg/kg	ND	ND	NĐ	ND	ND	NĐ	ND	NĐ	ND	ND
26 4-Isopropyltoluene	μg/kg	NU	NÜ	ND	ND	ND	ND	עא	ND	NU	ND
27 4-Methyl-2-pentanone	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28 Acetone	μg/kg	ND	ND	0,08	ND	ND	ND	ND	ND	31.2)	4.97 J
29 Benzene	μg/kg	ND	ND	NĐ	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	NĐ	ND	ND	ND	ND	ND	ND	ND	ND	ND

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

		Borehole >	E11-188	E11-188	E11-189	E11-189	E11-189	E11-189	E11-190	E11-190	E11-190	E11-190
No		Sample ID →	53	S4	S1	S2	S3	S4	S1	SZ	53	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									
36	Carbon tetrachloride	μg/kg	ND									
37	Chlorobenzene	μg/kg	ND									
38	Chloroethane	μg/kg	ND									
39	Chloroform	μg/kg	ND									
40	Chloromethane	μg/kg	ND									
41	cis-1,2-Dichloroethene	μg/kg	ND	NĐ								
42	cis-1,3-Dichloropropene	μg/kg	ND .	ND	ND	ND	ND	МĐ	ND	ND	ND	ND
43	Dîbromochloromethane	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
44	Dibromomethane	μg/kg	ND									
45	Dichlorodifluoromethane	μg/kg	ND									
46	Ethyl Benzene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
47	Hexachlorobutadiene	μg/kg	ND									
48	Isopropylbenzene (Cumene)	μg/kg	ND	NĐ	ND	ND						
49	m,p-Xylene	μg/kg	ND									
50	Methyl iodide	μg/kg	ND	В								
-	Methylene chloride	μg/kg	ND	NĐ	ND							
52	Naphthalene	μg/kg	ND									
53	n-Butylbenzene	μg/kg	ND	ИD	ND	ND	ND	ND	МD	ND	ND	ND
54	n-Propylbenzene	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
	o-Xylene	μg/kg	ND	NĐ	ND	ND						
_	sec-Butylbenzene	μg/kg	ND	NĐ	ND	ND	ND	ΝĐ	ND	ND	ND	ND
_	Styrene	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
58	tert-Butyl methyl ether (MTBE)	μg/kg	ND	ND	ND	ND	₩D	ŊD	ND	NU	NU	ND
***********	tert-Butylbenzene	μg/kg	ND	ND	ND	ND	ND ND	ND	NĐ	ND	ND I	ND
60	Tetrachloroethene	μg/kg	ND	ND	26.3	ND						
	Toluene	μg/kg	ND									
$\overline{}$	trans-1,2-Dichloroethene	μg/kg	ND									
	trans-1,3-Dichloropropene	μg/kg	ND	ND	ND	ND	טא	GN	ND	ND	ND	ND
	trans-1,4-Dichloro-2-butene	μg/kg	ND	NĐ								
65	Trichloroethene	μg/kg	ND									
66	Trichlorofluoromethane	μg/kg	NĐ	ND								
67	Vinyl chloride	μg/kg	ND									

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

		Borehole ->	E11-191	E11-191	E11-191	E11-191	E11-192	E11-192	E11-192	E11-192	E11-193	E11-193
No		Sample ID →	S1	S2	S3	S4	S1	S2	S3	54	S1	S2
	Analyte J	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									
2	1,1,1-Trichloroethane	μg/kg	ND									
3	1,1,2,2-Tetrachloroethane	μg/kg	ND									
4	1,1,2-Trichloroethane	μg/kg	ND									
5	1,1-Dichloroethane	μg/kg	ND	ND	NĎ	ND						
6	1,1-Dichloroethene	μg/kg	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							
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	NĐ	NĐ	ND	ND	ND	ND	ND	ND
11	1,2,4-Trimethylbenzene	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	ND	ND	NĐ
12	1,2-Dibromo-3-chioropropane	μg/kg	ND	, ND	ND	ND	ND	ND	ND	ND	ND	ND
13	1,2-Dibromoethane	μg/kg	ND									
14	1,2-Dichlorobenzene	μg/kg	ND	ND	ND	NĐ	ND	ВN	ND	ND	ND	ND
15	1,2-Dichloroethane	μg/kg	ND	ND	ND	GN	ND	ND	ND	ND	ND	ND
16	1,2-Dichloropropane	μg/kg	ND									
17	1,3,5-Trimethylbenzene	μg/kg	ND									
18	1,3-Dichlorobenzene	μg/kg	ND	NĐ	ND							
19	1,3-Dichloropropane	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	NĐ	ND	ND
20	1,4-Dichlorobenzene	μg/kg	ND									
21	2,2-Dichloropropane	μg/kg	ND									
22	2-Butanone	μg/kg	7.66 J	ND	ND	NĐ	ND	16.3 J	ND	ND	25.1 J	ND
23	2-Chlorotoluene	μg/kg	ND									
24	2-Hexanone	μg/kg	ND	ND	ND	ND ND	ND	ND	ND	ND	ND	ND
25	4-Chlorotoluene	μg/kg	ND									
26	4-Isopropyltoluene	μg/kg	ND	ND	ND	ND	NĐ	NĐ	ND	ND	ND	ND
27	4-Methyl-2-pentanone	μg/kg	ND									
28	Acetone	μg/kg	39.6	15.4 J	ND	ND	ND	ND	ND	ND	108	ND
29	Benzene	μg/kg	ND	ΝĐ	ND							
30	Bromobenzene	μg/kg	ND									
~	Bromochioromethane	μg/kg	ND	ND	ND	NĐ	ND	NĐ	ND	ND	ND	ND
32	Bromodichloromethane	μg/kg	ND									
33	Bromoform	μg/kg	ND	NĐ	ND	ND						
34 10TF	Bromomethane	μg/kg	ND									

^{3:} Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

		Borehole →	E11-191	E11-191	E11-191	E11-191	E11-192	E11-192	E11-192	E11-192	E11-193	F11-193
No	<u> 1. Parantel de politica de la Section de la Co</u> Politica de Romando de la Colonia de	Sample ID ->	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
Analyte J		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	3∠ ~2.0
35 Carbon di		µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trachloride	μg/kg	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND
37 Chlorober		μg/kg	ND ND	ND ND	ND ND	ND ND	ND	ND	ND ND	ND ND	ND ND	ND
38 Chloroeth		μg/kg	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
39 Chlorofori	······································	μg/kg	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND
40 Chlorome		μg/kg	ND	ND	ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND
	hloroethene	μg/kg	ND	ND	ND	ND	ND	ND	ND ND	ND ND	ND	ND
	hloropropene	μg/kg	ND	ND	ND	ND ND	ND ND	ND	ND ND	ND	ND ND	ND
$\overline{}$	hloromethane	µg/kg	ND	ND	ND	ND ND	ND	ND	ND	ND	ND	ND
44 Dibromon		μg/kg	ND .	ND	ND	ND	ND ND	ND	ND	ND	ND ND	ND
	fluoromethane	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND ND	ND	ND
46 Ethyl Benz		µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND ND	ND
	obutadiene	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND ND	ND
48 Isopropyli	enzene (Cumene)	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49 m,p-Xylen		μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50 Methyl iod	lide	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 Naphthale	ne	μg/kg	ND	ND	ND	ND :	ND	ND	ND	ND	ND	ND
53 n-Butylber	nzene	μg/kg	ИD	ND	ND	ND	ND	ND	ND	ND	ND	ND
54 n-Propylbe	enzene	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-Butylb	enzene	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	NĐ
58 tert-Butyl	methyl ether (MTBE)	μg/kg	ND	ND	ND	ND	ND	ND	ND	ΝĐ	ND	ND
59 tert-Butylb	enzene	μg/kg	ND	ND	ND	ND	DM	NĐ	ND	ND	ND	ND
60 Tetrachlor	oethene	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-D	ichloroethene	μg/kg	ND	МÐ	ND	ND	ND	ND	ND	ND	NĐ	ΝĎ
	Ichloropropene	μg/kg	ND	ND	NĐ	ND	ND	NĐ	ND	טא	ND	ND
64 trans-1,4-D	ichloro-2-butene	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65 Trichloroet	····	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	NĐ
	ıoromethane	µg/kg	ND	ND	ND	ND	DM	ND	ND	ND	ND	ND
67 Vinyl chlor	ide	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

The state of the s	Borehole 🔿	E11-193	E11-193	E11-194	E11-194	E11-194	E11-194	E11-195	E11-195	E11-195	E11-195
No S	Sample ID →	S3	S4	S1	S2	\$3	\$4	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	NĐ	ND	ND	ND	ND	ND
2 1,1,1-Trichloroethane	μg/kg	ND									
3 1,1,2,2-Tetrachloroethane	μg/kg	ND									
4 1,1,2-Trichloroethane	μg/kg	ND									
5 1,1-Dichloroethane	μg/kg	ND									
6 1,1-Dichloroethene	μg/kg	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									
9 1,2,3-Trichloropropane	μg/kg	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	NĐ	ND	ND						
12 1,2-Dibromo-3-chloropropane	μg/kg	ND									
13 1,2-Dibromoethane	μg/kg	ND	В	ND							
14 1,2-Dichlorobenzene	μg/kg	ND	NĐ								
15 1,2-Dichloroethane	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
16 1,2-Dichloropropane	μg/kg	ND	NĐ	ND	ND						
17 1,3,5-Trimethylbenzene	μg/kg	ND									
18 1,3-Dichlorobenzene	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	ND	ND	ND
19 1,3-Dichloropropane	μg/kg	ND	NĐ	ND	ND						
20 1,4-Dichforobenzene	μg/kg	ND	NĐ	ND							
21 2,2-Dichloropropane	μg/kg	ND									
22 2-Butanone	μg/kg	2.6 J	ND	2.19 J	1.71 1	ND	NĎ	7,21 J	1.6 J	ND	ND
23 2-Chlorotoluene	μg/kg	ND	ND	ND ND	ND	ND	ND	ND	ND	ND	ND
24 2-Hexanone	μg/kg	ND	NU	ND							
25 4-Chlorotoluene	μg/kg	ND	ND ND	ND	ND						
26 4-Isopropyltoluene	μg/kg	ND									
27 4-Methyl-2-pentanone	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	₩D	ND
28 Acetone	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
29 Benzene	μg/kg	ND	ΝĐ	ND	ND						
30 Bromobenzene	μg/kg	ND									
31 Bromochloromethane	μg/kg	ND									
32 Bromodichloromethane	μg/kg	ND									
33 Bromoform	μg/kg	ND	ND	ND	ND	ND I	ND	ND	NĐ	ND	ND
34 Bromomethane OTES:	μg/kg	ND									

^{3:} Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

		Borehole →	E11-193	E11-193	E11-194	E11-194	E11-194	E11-194	E11-195	E11-195	E11-195	E11-195
No		ample ID →	S3	54	S1	S2	S3	S4	S1	S2	53	S4
100	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									
36	Carbon tetrachloride	μg/kg	ND	NĐ	ND	ND						
37	Chlorobenzene	μg/kg	ND	NĐ	ND							
38	Chloroethane	μg/kg	ND									
39	Chloroform	μg/kg	ND	NĐ								
40	Chloromethane	μg/kg	ND	ND ND								
41	cis-1,2-Dichloroethene	μg/kg	NĐ	NĐ	ND	ND .	ND	ND	ND	ND	ND	ND
42	cis-1,3-Dichloropropene	μg/kg	ND									
43	Dibromochloromethane	μg/kg	ND									
44	Dibromomethane	μg/kg	ND									
45	Dichlorodifluoromethane	μg/kg	ND									
46	Ethyl Benzene	μg/kg	ND	NĐ	ND	ND						
47	Hexachlorobutadiene	μg/kg	ND	ND	NĐ	ND	ND	ND	ND	ND	ИD	ND
48	Isopropylbenzene (Cumene)	μg/kg	ND	ΝĐ	ND							
49	m,p-Xylene	μg/kg	ΝĐ	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	NĐ	DN	ND	ND	ND	ND	ND	ИD
52	Naphthalene	μg/kg	ND									
53	n-Butylbenzene	μg/kg	ND	NĐ	ND							
54	n-Propylbenzene	μg/kg	ND									
55	o-Xylene	μg/kg	NĐ	ND								
56	sec-Butylbenzene	μg/kg	ND									
57	Styrene	μg/kg	ND									
58	tert-Butyl methyl ether (MTBE)	μg/kg	ND	ND	ND	GN	ИD	ND	ND	ND	ND	ND
59	tert-Butylbenzene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
60	Tetrachloroethene	μg/kg	ND									
61	Toluene	μg/kg	ND	ND	ND	ND	ND	ND	5,9	ND	ND	ND
62	trans-1,2-Dichloroethene	μg/kg	ND									
63	trans-1,3-Dichloropropene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
64	trans-1,4-Dichloro-2-butene	μg/kg	ND									
65	Trichloroethene	μg/kg	ND	NĐ								
66	Trichlorofluoromethane	μg/kg	ND									
67	Vinyl chloride	μg/kg	ND	NĐ	ND	ND	ND	NĐ	ND	ND	ND	ND

3: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

		Borehole ->	E11-196	E11-196	E11-196	E11-196
No		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	NĐ	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	NĐ	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	ON	ND	ND	ND
16	1,2-Dichloropropane	μg/kg	ND	ND	ND	ND
17	1,3,5-Trimethylbenzene	μg/kg	ND	ND	NĐ	ND
18	1,3-Dichlorobenzene	μg/kg	ND	ND	ND	ND
19	1,3-Dichloropropane	μg/kg	ND	NĐ	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	NĐ	ND
25	4-Chlorotoluene	μg/kg	ND	NĐ	ND	ND
26	4-Isopropyltoluene	μg/kg	ND	ND	ND	ND
2.7	4-Methyl-2-pentanone	μg/kg	ND	ND	ND	ND
2.8	Acetone	µg/kg	59.8	₩Đ	ND	ND
29	Benzene	μg/kg	ND	ND	ND	ND
30	Bromobenzene	μg/kg	ND	ND	ND	ND
31	Bromochloromethane	μg/kg	ДИ	ND	ND	ND
32	Bromodichloromethane	μg/kg	ND	ND	ND	ND
-	Bromoform	μg/kg	ND	ND	ND	ND
34	Bromomethane	μg/kg	ND	ND	ND	ND

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

1. 14		Borehole →	E11-196	E11-196	E11-196	E11-196
No		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	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	NĐ	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	NĎ	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	ИD	ND	กก
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	NĐ	ND

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

		Borehole →	E11-154	E11-154	E11-155	E11-155	E11-156	E11-156	E11-156	E11-157	E11-157	E11-157
No		Sample ID →	S1	S2	S1	52	S1	52	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	NĐ	ND	ND	ND
2	1,2-Dichlorobenzene	μg/kg	ND	ND								
3	1,3-Dichlorobenzene	μg/kg	ND	ND								
4	1,4-Dichlorobenzene	μg/kg	ND	ND								
5	2,4,5-Trichlorophenol	μg/kg	ND	ND								
6	2,4,6-Trichlorophenol	μg/kg	ND	ND	ND	ND	NĐ	ND	NĐ	ND	ND	ND
7	2,4-Dichlorophenol	μg/kg	ND	ND								
8	2,4-Dimethylphenol	μg/kg	ND	ND								
9	2,4-Dinitrotoluene	μg/kg	ND .	ND	ND							
10	2,6-Dinitrotoluene	μg/kg	ND	ND								
11	2-Chloronaphthalene	μg/kg	ND	ND	ND	ND	ND	В	ND	GM	ND	ND
12	2-Chlorophenol	μg/kg	OM	ND	ND							
13	2-Methylnaphthalene	μg/kg	ND	NĐ	ND							
14	2-Methylphenol	μg/kg	ND	ND								
15	2-Nitroaniline	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	ND	ND	ND
16	2-Nitrophenol	μg/kg	ND	ND								
17	3 and/or 4-Methylphenol	μg/kg	ND	ND								
18	3-Nitroaniline	μg/kg	ND	ND								
19	4-Bromophenyl phenyl ether	μg/kg	ND	ND								
20	4-Chloro-3-methylphenol	μg/kg	ND	ND								
21	4-Chloroaniline	μg/kg	ND	ND	ND	ND	ИD	ND	ND	ND	ND	ND
22	4-Chlorophenyl phenyl ether	μg/kg	ND	ND								
23	4-Nitroaniline	μg/kg	ND	ND								
24	4-Nitrophenol	μg/kg	ND	NĐ	ND	ND						
25	Acenaphthene	μg/kg	ND	ND								
26	Acenaphthylene	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	ND	ND	ND
27	Anthracene	μg/kg	ND	ND	ND	ND	ND	ND	МĐ	ND	ND	ND
28	Benzo(a)anthracene	μg/kg	ND	ND								
29	Benzo(a)pyrene	µg/kg	ND	ND								
30	Benzo(b)fluoranthene	μg/kg	ND	ND								
31	Benzo(g,h,i)perylene	μg/kg	ND	ND								
32 I	Benzo(k)fluoranthene	μg/kg	ND	ΝĐ	ND	ND						

J: Estimated amount between the detection limit and reporting limit

Table 8. Continued

		Borehole →	E11-154	E11-154	£11-155	E11-155	E11-156	E11-156	E11-156	E11-157	E11-157	E11-157
No		Sample ID →	S1	S2	S1	S2	S1	52	\$3	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	NĐ	ND	ND	ND	ND
34	Bis(2-Chloroethyl)ether	μg/kg	ИD	ND								
35	Bis (2-Chloroisopropyl) ether	μg/kg	ND									
36	Bis(2-Ethylhexyl)phthalate	μg/kg	ND									
37	Butyl benzyl phthalate	μg/kg	ND	NĐ								
38	Chrysene	μg/kg	ND	ND	ND	ND	ND	NĐ	NĐ	ND	ND	ND
39	Dibenz(a,h)anthracene	μg/kg	ND									
40	Dibenzofuran	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	ND	ND	ND
41	Diethyl phthalate	μg/kg	ND									
42	Dimethyl phthalate	μg/kg	ND									
43	Di-n-butyl phthalate	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
44	Di-n-octyl phthalate	μg/kg	ND	ND	ND	ND .	ND	ND	ND	NĐ	ND	ND
45	Fluoranthene	μg/kg	ND	ND ·	ND	NĐ						
46	Fluorene	μg/kg	ND	NĐ								
47	Hexachlorobenzene	μg/kg	ND	NĐ								
48	Hexachlorobutadiene	μg/kg	ND	ND	NĐ	ND						
49	Hexachlorocyclopentadiene	μg/kg	ND									
50	Hexachloroethane	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	μg/kg	ND	ИD	ND							
52	Isophorone	μg/kg	ND									
53	Naphthalene	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
54	Nitrobenzene	μg/kg	ND	ND	ND	ND	ND	МÐ	NĐ	ND	ND	ND
55	n-Nitrosodi-n-propylamine	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	ND	ND
56	Pentachlorophenol	μg/kg	ND									
57	Phenanthrene	µg/kg	ND									
58	Phenol	μg/kg	ND	ND	ND	GN	ND	ND	ND	ND	МĎ	ND
59	Pyrene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND

J: Estimated amount between the detection limit and reporting limit

Table 8. Continued

		Borehole →	E11-158	E11-158	E11-158	E11-158	E11-159	E11-159	E11-159	E11-159	E11-160	E11-160
No		Sample ID →	S1	S2	S3	S4	51	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	NĐ	ND	ND	ND	ND	ND	ND	NĐ
2	1,2-Dichlorobenzene	μg/kg	ND									
3	1,3-Dichlorobenzene	μg/kg	ND	ND	ND ND	ND	ND	ND	ND	ND	ND	ND
4	1,4-Dichlorobenzene	μg/kg	ND	NĐ								
5	2,4,5-Trichlorophenol	μg/kg	ND	NĐ								
6	2,4,6-Trichlorophenol	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	ND	ND
7	2,4-Dichlorophenol	μg/kg	ND .	ND								
8	2,4-Dimethylphenol	μg/kg	ND									
9	2,4-Dinitrotoluene	μg/kg	ND	NĐ								
10	2,6-Dinitrotoluene	μg/kg	ND									
11	2-Chloronaphthalene	μg/kg	ND	ΝD								
12	2-Chlorophenol	μg/kg	ND									
13	2-Methylnaphthalene	μg/kg	ND	ND	ND	ND	ND	ND .	ND	ND	ND	NĐ
14	2-Methylphenol	μg/kg	ND	ND	ND	ND	ND	В	ND	ND	ND	ND
15	2-Nitroaniline	μg/kg	ND	ND	ND .	ND						
16	2-Nitrophenol	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
17	3 and/or 4-Methylphenol	μg/kg	ND	NĐ	ND							
18	3-Nitroaniline	μg/kg	ND									
19	4-Bromophenyl phenyl ether	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	NĐ	ND
20	4-Chloro-3-methylphenol	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	ND	ND
21	4-Chloroaniline	μg/kg	ND									
22	4-Chlorophenyl phenyl ether	μg/kg	ND									
23	4-Nitroaniline	μg/kg	ND									
24	4-Nitrophenol	μg/kg	ND	NĐ	ND	ND						
25 .	Acenaphthene	μg/kg	ND	NĐ	ND	NĐ	ND	ND	ND	ND	ND	ND
26	Acenaphthylene	μg/kg	ND	NĐ	ND							
27	Anthracene	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	ND	ND	ND
28	Benzo(a)anthracene	μg/kg	ND	ИD	ND							
29	Benzo(a)pyrene	μg/kg	ND									
30	Benzo(b)fluoranthene	μg/kg	ND									
31. J	Benzo(g,h,i)perylene	μg/kg	ND	NĐ	ND							
32	Benzo(k)fluoranthene	μg/kg	ND									

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

		Borehole →	E11-158	E11-158	E11-158	E11-158	E11-159	E11-159	E11-159	E11-159	E11-160	E11-160
No		Sample ID →	S1	S2	S3	S4	S1	S2	53	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	МÐ	ND	ND	ND	ND	ND	ND
34	Bis(2-Chloroethyl)ether	μg/kg	ND									
35	Bis(2-Chloroisopropyl)ether	μg/kg	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	NĐ	ND	ND	ND	ND	ND	ND
38	Chrysene	μg/kg	ND									
39	Dibenz(a,h)anthracene	μg/kg	ND									
40	Dibenzofuran	μg/kg	NĐ	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
41	Diethyl phthalate	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	NĐ	ND
42	Dimethyl phthalate	μg/kg	ND									
43	Di-n-butyl phthalate	μg/kg	МÐ	ND								
44	Di-n-octyl phthalate	μg/kg	ND	ND	ND	. NĐ	ND	ND	ND	ND	ND	ND
45	Fluoranthene	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	ND	ΝĐ	ND
46	Fluorene	μg/kg	ND	NĐ	ND							
47	Hexachlorobenzene	μg/kg	ND	, ND	ND							
48	Hexachlorobutadiene	μg/kg	ND									
49	Hexachlorocyclopentadiene	μg/kg	ND									
50	Hexachloroethane	μg/kg	ND									
51	Indeno(1,2,3-cd)pyrene	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
52	Isophorone	μg/kg	NĐ	ND								
53	Naphthalene	μg/kg	ND	NĐ	NĐ							
54	Nitrobenzene	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
55	n-Nitrosodi-n-propylamine	μg/kg	ND									
56	Pentachlorophenol	μg/kg	กก	68.1	ND	ND	NU	NU	ND	พบ	טא	ND
57	Phenanthrene	μg/kg	ND									
58	Phenol	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
59	Pyrene	μg/kg	ND									

J: Estimated amount between the detection limit and reporting limit

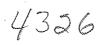


Table 8. Continued

		Borehole →	E11-160	E11-161	E11-161	E11-161	E11-161	E11-162	E11-162	E11-163	E11-163	E11-163
No	Description of the State of the	ample ID →	S3	S1	S2	S3	S4	S1	S2	51	52	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	GN	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 Jan	ND	ND ·	ND						
6	2,4,6-Trichlorophenol	μg/kg	37.9 J	ND								
7	2,4-Dichlarophenal	μg/kg	31.6 J	ND								
8	2,4-Dimethylphenol	μg/kg	31.6 J	ND								
9	2,4-Dinitrotoluene	μg/kg	34.7 J	ND	МĐ	ND						
10	2,6-Dinitrotoluene	μg/kg	44.2 J	ND								
11	2-Chloronaphthalene	μg/kg	34.7.1	ND								
12	2-Chiorophenol	μg/kg	31.6 J	ND	ND .	ND						
13	2-Methylnaphthalene	μg/kg	34.7 J	ND	ND	NĐ	ND	ND	NĐ	ND	ND	ND
14	2-Methylphenol	μg/kg	31.6 J	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
15	2-Nitroaniline	μg/kg	34.7 J	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								
18	3-Nitroaniline	μg/kg	28,4 J	NĐ	ND							
19	4-Bromophenyl phenyl ether	μg/kg	44.2 J	ND								
20	4-Chloro-3-methylphenol	μg/kg	47.4]	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
21	4-Chloroaniline	μg/kg	37.9 J	ND								
22	1-Chlorophenyl phenyl ether	μg/kg	56.8 J	ND								
23	1-Nitroaniline	μg/kg	41.1 J	ND .	ND	NĐ	ND	ND	ND	ND	ND	ND
24 4	4-Nitrophenol	μg/kg	พม	พย	טא	NU	ND	ND	ND	NU	ND	טא
25	Acenaphthene	μg/kg	44.2 J	ND	ΝĐ							
26 /	Acenaphthylene	μg/kg	47.4)	ND								
27 /	Anthracene	μg/kg	50.5 J	ND								
28	Benzo(a)anthracene	μg/kg	53.7 J	ND	ND	ND	ND	ND	NĐ	ND	ND	ND
29 F	Benzo(a)pyrene	μg/kg	53.7 J	ND	NĐ							
30 E	Benzo(b)fluoranthene	μg/kg	56.8 J	ND	ND	NĐ	ND	NĐ	ND	ND	ND	ND
31 E	Benzo(g,h,i)perylene	μg/kg	53.7 J	ND								
32 E	Benzo(k)fluoranthene	μg/kg	63.2 J	ND								

3: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

	Bor	rehole →	E11-160	E11-161	E11-161	E11-161	E11-161	E11-162	E11-162	E11-163	E11-163	E11-163
No	Sam	ıple iD →	S3	S1	S2	S3	\$4	S1	S2	S1	S2	S3
	Analyte↓ Dep	pth, 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 µ	ug/kg	31.6 J	ND								
34	Bis(2-Chloroethyl)ether μ	μg/kg	ND									
		ıg/kg	ND	MD	ND							
36	Bis(2-Ethylhexyl)phthalate μ	ıg/kg	123 J	38.2 1	ND	ND	ND	ND	ND	78.8 J	102 J	NĐ
37	Butyl benzyl phthalate μ	ıg/kg	60 J	ND	ND	ND	ND	ND	. ND	ND	NĐ	NĐ
38	Chrysene μ	ıg/kg	56.8 J	ND								
39		ıg/kg	47.4 J	. ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Dibenzofuran μ	ıg/kg	47.4 J	ND	ND	ND	МĐ	ND	ND	ND	ND	ND
41	Diethyl phthalate μ	ıg/kg	56.8 J	ND								
42	Dimethyl phthalate μ	ıg/kg	53.7 J	ND	ND	ND	ND	ND	ND	NĐ	ND	ND ND
43	Di-n-butyl phthalate μ	ιg/kg	63.2 J	ND	ND	ND	NĐ	ND	ND	ND	ND	ND
44	-	ıg/kg	63.2 J	ND	ND	ND ND	ND	ND	ND	ND	NO	ND .
45	Fluoranthene μι	ig/kg	56,8 J	ND								
46	Fluorene μ	ıg/kg	53.7 J	ND	ND	ND	ND	ND	ND	NĐ	ND	ND
47	Hexachiorobenzene µ	g/kg	44.2 J	ND								
48	Hexachlorobutadiene μ	g/kg	ND									
~~~~		g/kg	ND									
50	Hexachloroethane μ	g/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene με	g/kg	50.5 J	ND								
52	Isophorone με	g/kg	ND	ND	ND	NÐ	ND	ND	ND	ND	ND	ND
53	Naphthalene με	g/kg	28.4 J	ND								
54	Nitrobenzene με	g/kg	ND									
		g/kg	NĐ	ND								
		g/kg	ND	ND	ND	NÜ	ND	NU	ND	מא	ND	ND
	Phenanthrene με	g/kg	50,5 J	ND								
58	Phenol µg	g/kg	ND	NĐ	ND	NĐ	ND	ND	ND	ND	ND	ND
59	Pyrene µg	g/kg	53.7 J	ND								

J: Estimated amount between the detection limit and reporting limit



Table 8. Continued

200		Borehole →	E11-163	E11-164	E11-164	E11-164	E11-164	E11-165	E11-165	E11-165	E11-165	E11-166
No	Section of the sectio	Sample ID ->	54	S1	S2	S3	S4	51	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	1,2,4-Trichlorobenzene	μg/kg	ND									
2	1,2-Dichlorobenzene	μg/kg	ND									
3	1,3-Dichlorobenzene	μg/kg	ND									
4	1,4-Dichlorobenzene	μg/kg	ND	NĐ	ND	ND	ND	ND	ND	NĐ	ND	ND
5	2,4,5-Trichlorophenol	μg/kg	ND	NĐ	ND							
6	2,4,6-Trichlorophenol	μg/kg	ND									
7	2,4-Dichlorophenoi	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
8	2,4-Dimethylpheпol	μg/kg	ND	NĐ	ND	ND	ND	ND	NĐ	ND	ND	ND
9	2,4-Dinitrotoluene	μg/kg	ND	NĐ	ND	ND						
10	2,6-Dinitrotoluene	μg/kg	ND									
11	2-Chloronaphthalene	μg/kg	ND									
12	2-Chlorophenol	μg/kg	ND									
13	2-Methylnaphthaleпе	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	ND	ND
14	2-Methylphenol	μg/kg	ND	NĐ	ND	ND						
15	2-Nitroaniline	μg/kg	ND	ΝĐ	ND							
16	2-Nitrophenol	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
17	3 and/or 4-Methylphenol	μg/kg	ND	ND	ND	DN	ND	ND	ND	ND	ND	ND
18	3-Nitroaniline	μg/kg	ND	ND	NĐ	ND						
19	4-Bromophenyl phenyl ether	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
20	4-Chloro-3-methylphenol	μg/kg	ND									
21	4-Chloroaniline	μg/kg	ND	ИD								
22	4-Chlorophenyl phenyl ether	μg/kg	ND									
23	4-Nitroaniline	μg/kg	ND									
24	4-Nitrophenol	μg/kg	ND	NU	ND	טא	NU	ND	ND	ND	ียด	NU
25	Acenaphthene	μg/kg	ND									
26	Acenaphthylene	μg/kg	ND									
27	Anthracene	μg/kg	ND									
	Benzo(a)anthracene	μg/kg	ND									
29	Benzo(a)pyrene	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
30	Benzo(b)fluoranthene	μg/kg	ND									
31	Benzo(g,h,i)perylene	μg/kg	ND	ND	NĐ	ND						
32	Benzo(k)fluoranthene	μg/kg	ND									

J: Estimated amount between the detection limit and reporting limit

Table 8. Continued

		Borehole →	E11-163	E11-164	E11-164	E11-164	E11-164	E11-165	E11-165	E11-165	E11-165	E11-166
No		Sample ID →	S4	3 S1	S2	53	54	S1	<b>S2</b>	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						
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	95.4 )	ND						
37	Butyl benzyl phthalate	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	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	NĐ	ND	ND	ND	ND	ND	ND	ND
40	Dibenzofuran	μg/kg	ND	ND	ND	ND						
41	Diethyl phthalate	μg/kg	ND	ND	ND	ND	ND	ND	NO	ND	ND	ND
42	Dimethyl phthalate	μg/kg	ND	ND	ND	NĐ						
43	Di-n-butyl phthalate	μg/kg	ND	ND	ND	ND						
44	Di-n-octyl phthalate	μg/kg	ND	ND	ND	ND	ДŅ	ND	ND	ND	ND	ND
45	Fluoranthene	μg/kg	ND	ND	ND	NĐ	NĐ :	ND	ND	ND	ND	ND
46	Fluorene	μg/kg	ND	ND	NĐ	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobenzene	μg/kg	ND	ND	ND	ND						
48	Hexachlorobutadiene	μg/kg	ND	. ND	ND	ND	ND	ND	NĐ	ND	ND	ND
49	Hexachlorocyclopentadiene	μg/kg	ND	ND	ND	ND	NĐ	ND	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	NĐ	ND	ND	ND	ND	ND	ND	ND	ND
53	Naphthalene	μg/kg	ND	ND	ND	ND						
54	Nitrobenzene	μg/kg	ND	ND	NĐ	ND	ND	ND	NĐ	ND	ND	ND
55	n-Nitrosodi-n-propylamine	μg/kg	ND	ND	ND	ND						
56	Pentachlorophenol	μg/kg	ND	NĐ	ND	ND						
57	Phenanthrene	μg/kg	ND	ND	ND	NĐ	NĐ	ND	ND	ND	NĐ	NĐ
58	Phenoi	μg/kg	ND	NĐ	ND	ND	ND	ND	NĐ	ND	ND	ND
59	Pyrene	μg/kg	ND	ND	ND	ND						

J: Estimated amount between the detection limit and reporting limit

Table 8. Continued

	Nimited the state of the Barrier of	lorehole →	E11-166	E11-167	E11-167	E11-167	E11-168	E11-168	E11-169	E11-169	E11-170	E11-170
No	Sa Sa	ımple ID →	<b>S</b> 2	S1	S2	\$3	S1	S2	S1	S2	S1	S2
	Analyte↓ D	epth, 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	NĐ	ND	ND	ND	ND	ND
2	1,2-Dichlorobenzene	μg/kg	ND	NĐ	NĐ	ND						
3	1,3-Dichlorobenzene	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
4	1,4-Dichlorobenzene	μg/kg	ND	ND	ND	ND	ND	ND	ND	NĐ	ND	ND
5	2,4,5-Trichlorophenol	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	NĐ	NĐ
6	2,4,6-Trichlorophenol	μg/kg	ND	GN	NĐ	ND	ND	ND	ND	ND	NĐ	ND
7	2,4-Dichlorophenol	μg/kg	ND	ND	ND	ND	ND	NĐ	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	МĐ	ND	ND
10	2,6-Dinitrotoluene	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	NĐ
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	МĐ	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	NĐ	ND	ND	ND	ND
16	2-Nitrophenol	μg/kg	ND	ND	ND	ND	ND	ВИ	ND	ND	ND -	ND
17	3 and/or 4-Methylphenol	μg/kg	ND	ND	ND	ND	NĐ	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	DM	ND	ND	ND	ND	ND	ND
22	4-Chlorophenyl phenyl ether	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
23	4-Nitroaniline	μg/kg	ND	NĐ	NĐ	ND	ND	ND	ND	ND	ND	NĐ
24	4-Nitrophenol	μg/kg	NÜ	NÜ	NÜ	טא	NU	ND	טא	ND	พบ	ทย
25	Acenaphthene	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Acenaphthylene	μg/kg	ND	ND	ND	ND	ND	NĐ	NĐ	NĐ	ND	ND
27	Anthracene	μg/kg	ND	ND	NĐ	ND						
28	Benzo(a)anthracene	μg/kg	ND	ND	ND	NĐ	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	NĐ	ND							
31	Benzo(g,h,i)perylene	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	NĐ	ND	ND
32	Benzo(k)ffuoranthene	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND

1: Estimated amount between the detection limit and reporting limit

Table 8. Continued

344		Borehole →	E11-166	E11-167	E11-167	E11-167	E11-168	E11-168	E11-169	E11-169	E11-170	E11-170
No		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	NĐ	ND	ND	ND	ND	ND	NĐ
34	Bis(2-Chloroethyl)ether	μg/kg	ND	NĐ	ND							
35	Bis(2-Chloroisopropyl)ether	μg/kg	ND	ND	NĐ	ND						
36	Bis(2-Ethylhexyl)phthalate	μg/kg	ND	47.5 J	163 J	ND	44.)	ND	123 J	ND	173 J	ND
37	Butyl benzyl phthalate	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
38	Chrysene	μg/kg	ND	ND	NĎ	ND	ND	ND	ND	ND	NĐ	ND
39	Dibenz(a,h)anthracene	μg/kg	ND									
40	Dibenzofuran	μg/kg	ND									
41	Diethyl phthalate	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
42	Dimethyl phthalate	μg/kg	ND	NĐ	ND							
43	Di-n-butyl phthalate	μg/kg	ND	ND .	ND							
44	Di-n-octyl phthalate	μg/kg	ND									
45	Fluoranthene	μg/kg	ND									
46	Fluorene	μg/kg	ND	ND .	ND	NĐ						
47	Hexachlorobenzene	μg/kg	ND	NĐ	ND	ND	ND	ND	ND	ND	GN	ND
48	Hexachlorobutadiene	μg/kg	ND									
49	Hexachlorocyclopentadiene	μg/kg	ND	ND	ND	ND	GN	ND	ND	ND	ND	ND
50	Hexachloroethane	μg/kg	ND									
51	Indeno(1,2,3-cd)pyrene	μg/kg	ND									
52	Isophorone	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	ND	ND
53	Naphthalene	μg/kg	ND	ND	NĐ	ND						
54	Nitrobenzene	μg/kg	ND									
55	n-Nitrosodi-n-propylamine	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	ND	ND	ND
56	Pentachlorophenol	μg/kg	ND									
57	Phenanthrene	μg/kg	ND	NĐ	ND							
58	Phenol	μg/kg	ND									
59	Pyrene	μg/kg	ND	ND	ND	NĐ	NĐ	ND	ND	ND	GN	ND

1: Estimated amount between the detection limit and reporting limit

Table 8. Continued

Hit.		Borehole →	E11-170	E11-170	E11-171	E11-171	E11-171	E11-172	E11-172	E11-172	E11-172	E11-173
No	S	ample ID →	S3	S4	51	S2	S3	S1	S2	S3	S4	S1
	Analyte↓ I	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									
2	1,2-Dichlorobenzene	μg/kg	ND									
3	1,3-Dichlorobenzene	μg/kg	ND									
4	1,4-Dichlorobenzene	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	ND	NĐ
5	2,4,5-Trichlorophenol	μg/kg	ND									
6	2,4,6-Trichlorophenol	μg/kg	ND	ND	NĐ	ND						
7	2,4-Dichlorophenol	μg/kg	ND	ND	ND	ND	ND	พบ	ND	ND	NĐ	טא
8	2,4-Dimethylphenol	μg/kg	ND									
9	2,4-Dinitrotoluene	μg/kg	ND									
10	2,6-Dinitrotoluene	μg/kg	ND	ND .	NĐ	ND						
11	2-Chloronaphthalene	μg/kg	ND	NĐ	NĐ	ND						
12	2-Chlorophenol	μg/kg	ND									
13	2-Methylnaphthalene	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	ND	ND
14	2-Methylphenol	μg/kg	ND	ND	ND	ND	ND	ND	МÐ	ND	ND	ND
15	2-Nitroaniline	μg/kg	ИD	ND								
16	2-Nitrophenol	μg/kg	ND									
17	3 and/or 4-Methylphenol	μg/kg	ND	NĐ	ND							
18	3-Nitroaniline	μg/kg	ND	NÐ	ND							
19	4-Bromophenyl phenyl ether	μg/kg	ND									
20	4-Chloro-3-methylphenol	μg/kg	ND									
21	4-Chloroaniline	μg/kg	ND	NĐ	ND							
22	4-Chiorophenyl phenyl ether	μg/kg	ND									
23	4-Nitroaniline	μg/kg	ND									
24	4-Nitrophenoi	μg/kg	ND	ND	ND	ND	МÐ	ND	ND	ND	ND	ND
25	Acenaphthene	μg/kg	ND	NĐ	ND							
26	Acenaphthylene	μg/kg	ND									
	Anthracene	μg/kg	ND									
28	Benzo(a)anthracene	μg/kg	ND	NĐ	ND	ND	NĐ	ND	ND	ND	ND	ND
	Benzo(a)pyrene	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
	Benzo(b)fluoranthene	μg/kg	ND	ОИ	ND							
31	Benzo(g,h,i)perylene	μg/kg	ND	ND	ND	ND	ND	ND	ΝĐ	ND	ND	ND
32	Benzo(k)fluoranthene	μg/kg	ND									

 $\ensuremath{\mathrm{J}}\xspace$  . Estimated amount between the detection limit and reporting limit

Table 8. Continued

	ie 8. Continuea	1 m 20 a 1 a 1 a 1	Time at kmo	F44 470	maa ama	C44 474	E11-171	E11-172	E11-172	E11-172	£11-172	E11-173
		Borehole →	E11-170	E11-170	E11-171	E11-171				S3	54 S4	S1
No		Sample ID →	\$3	S4	S1	S2	53	S1 0.0~0.5	\$2 ~2.0	~5.0	34 ^8.7	0.0~0.5
411	Analyte↓	Depth, m →	~5.0	7.5	0.0~0.5	~2.0	~6.5			*** * * * * * * * * * * * * * * * * *	1, 1, 1, 3, 1, 4, 5, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	
	Bis(2-Chloroethoxy)methane	μg/kg	ND	ND	ND	NĐ	NĐ	ND	ND	ND	ND	ND
	Bis(2-Chloroethyl)ether	μg/kg	ND	ND	NĐ	ND	ND	ND	ND	ND	NĐ	ND
	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 1	ND	ND	ND	ND
37	Butyl benzyl phthalate	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NĐ
38	Chrysene	μg/kg	ND	NĐ	ND	ND	ND	ND	ND	ND	ND	ND
39	Dibenz(a,h)anthracene	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NO
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	NĐ	ND
43	Dī-n-butyl phthalate	μg/kg	ND	NĐ	ND	ND	ND	ND	ND	ND	ND	ND
44	Di-n-octyl phthalate	μg/kg	ND	ND	NĐ	ND	ND	ND	ND	NĐ	ND -	ND
45	Fluoranthene	μg/kg	ND	ND	ND	GN	NĐ	NĐ	ND	ND	ND	ND
46	Fluorene	μg/kg	ND	ND	ND	ND	NĐ	ND	NĐ	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	NĐ
49	Hexachlorocyclopentadiene	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	ND	NĐ
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	ΝĐ	ND	ND	ND	NĐ	ND
52	Isophorone	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	ND	ND	ND
53	Naphthalene	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NĐ
54	Nitrobenzene	μg/kg	ND	ND	ND	ND	ND .	ND	ND	ND	ND	NĐ
55	n-Nitrosodi-n-propylamine	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NĐ
56	Pentachlorophenol	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
57	Phenanthrene	µg/kg	ND	ND	ND	ND	ИD	ND	ND	ND	ND	ND
58	Phenol	μg/kg	ND	NĐ	ND	ND	ND	ND	ND	ND	ND	ND
59	Pyrene	μg/kg	ND	ND	ND	ND	ND	ND	ND	ΝĐ	ND	ND

 $\mathfrak{z}_{\mathbb{C}}$  Estimated amount between the detection limit and reporting limit

Table 8. Continued

	e 8. Continued											
		Borehole ->	E11-173	E11-173	E11-173	E11-174	E11-174	E11-174	E11-174	E11-175	E11-175	E11-175
No		Sample ID →	S2	<b>S3</b>	S4	S1	S2	S3	<b>S4</b>	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	ΝD	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	NĐ	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	UN	ND	ND	ND
8	2,4-Dimethylphenol	μg/kg	NĐ	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
9	2,4-Dinitrotoluene	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	NĐ	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	МD	ND	ND
12	2-Chlorophenol	μg/kg	NĐ	ND	ND	NĐ	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	NĐ	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	В	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	NĐ	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	4-Nitrophenol	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	NĐ	ND
25	Acenaphthene	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	NĐ	ND
26	Acenaphthylene	μg/kg	ΝĐ	ND	ND	ND	ND	ND	NO	ND	ND	ND
27	Anthracene	µg/kg	ND	ND	ND	מא	NĐ	ND	ND	ND	ทก	ND
28	Benzo(a)anthracene	μg/kg	ND	ND	ND	NĐ	NĐ	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	NĐ	ND	ND	ND	ND	ND	ND	ND	NĐ	ND
31	Benzo(g,h,i)perylene	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	ND	ND	ND
32	Benzo(k)fluoranthene	μg/kg	ND	ND	NĐ	กย	ND	ND	ND	ND	NU	ND

J: Estimated amount between the detection limit and reporting limit

Table 8. Continued

1,00		Borehole →	E11-173	E11-173	E11-173	E11-174	E11-174	E11-174	E11-174	E11-175	E11-175	E11-175
No		Sample ID →	S2	\$3	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									
34	Bis(2-Chloroethyl)ether	μg/kg	ND									
35	Bis(2-Chloroisopropyl)ether	μg/kg	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	NĐ	ND							
38	Chrysene	μg/kg	ND									
39	Dibenz(a,h)anthracene	μg/kg	ND									
40	Dibenzofuran	μg/kg	ND	ND	ND	60.2 J	ND	ND	ND	ND	ND	ND
41	Diethyl phthalate	μg/kg	ND									
42	Dimethyl phthalate	μg/kg	ND									
43	Di-n-butyl phthalate	μg/kg	ND	NĐ	ND							
44	Di-n-octyl phthalate	μg/kg	ND	ND	ND	NĐ	ND	₩D	ND	NĐ	ND	ND
45	Fluoranthene	μg/kg	ND									
46	Fluorene	μg/kg	NĐ	ND								
47	Hexachlorobenzene	μg/kg	ND									
48	Hexachlorobutadiene	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
49	Hexachlorocyclopentadiene	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	NĐ	ND
50	Hexachloroethane	μg/kg	NĐ	ND	ND .	ND						
51	Indeno(1,2,3-cd)pyrene	μg/kg	ND									
52	Isophorone	μg/kg	ND	NĐ	ND							
53	Naphthalene	μg/kg	ND	ND	ND	191 J	193 )	ND	ND	ND	ND	ND
54	Nitrobenzene	μg/kg	ND									
55	n-Nitrosodi-n-propylamine	μg/kg	ND	NĐ	ND							
56	Pentachlorophenol	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
57	Phenanthrene	μg/kg	ND									
58	Phenol	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
59	Pyrene	μg/kg	ND									

1: Estimated amount between the detection limit and reporting limit

Table 8. Continued

		Borehole →	E11-175	E11-176	E11-176	E11-176	F11-176	E11-177	E11-177	E11-177	E11-177	E11-178
No	Sa	ample ID →	S4	S1	S2	S3	S4	S1	S2::::	\$3	S4	S1
	Analyte↓ D	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								
2	1,2-Dichlorobenzene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
3	1,3-Dichlorobenzene	μg/kg	ND									
4	1,4-Dichlorobenzene	μg/kg	ND									
5	2,4,5-Trichlorophenol	μg/kg	ND	ND	ND	ND	ND	МD	NĐ	ND	ND	ND
6	2,4,6-Trichlorophenol	μg/kg	NĐ	ND								
7	2,4-Dichlorophenol	μg/kg	ND	ND	ND	ND	ND	NĐ	₩D	ND	ND	ND
8	2,4-Dimethylphenol	μg/kg	ND	ДN	ND							
9	2,4-Dinitrotoluene	μg/kg	NĐ	ND								
10	2,6-Dinitrotoluene	μg/kg	В	ИD	ND							
11	2-Chloronaphthalene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
12	2-Chlorophenol	μg/kg	ND									
13	2-Methylnaphthalene	μg/kg	ND									
14	2-Methylphenol	μg/kg	ND	ИÐ	ИD	ND						
15	2-Nitroaniline	μg/kg	ND									
16	2-Nitrophenol	μg/kg	ND									
17	3 and/or 4-Methylphenol	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	NĐ	ND
18	3-Nitroaniline	μg/kg	ND									
19	4-Bromophenyl phenyl ether	μg/kg	ND									
20	4-Chloro-3-methylphenol	μg/kg	ND	NĐ	ND							
21	4-Chloroaniline	μg/kg	ND									
22	4-Chlorophenyl phenyl ether	μg/kg	ND									
23	4-Nitroaniline	μg/kg	NĐ	ND								
24	4-Nitrophenol	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	NĎ	ND
25	Acenaphthene	μg/kg	ND									
26	Acenaphthylene	μg/kg	ND									
27	Anthracene	μg/kg	ND									
28	Benzo(a)anthracene	μg/kg	ND									
29	Benzo(a)pyrene	μg/kg	ND									
30	Benzo(b)fluoranthene	μg/kg	ND									
31	Benzo(g,h,i)perylene	μg/kg	ND									
32	Benzo(k)fluoranthene	μg/kg	ND									

J: Estimated amount between the detection limit and reporting limit

Table 8. Continued

		Borehole →	E11-175	E11-176	E11-176	E11-176	E11-176	E11-177	E11-177	E11-177	E11-177	E11-178
No	s	ample ID →	S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
	Analyte↓ I	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									
34	Bis(2-Chloroethyl)ether	μg/kg	NĐ	ND	ND	ND	NĐ	ND	ND	ND	ND	ND
35	Bis(2-Chloroisopropyl)ether	μg/kg	ND	NĐ								
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									
38	Chrysene	μg/kg	ND									
39	Dibenz(a,h)anthracene	μg/kg	ND									
40	Dibenzofuran	μg/kg	ND	ND	, ND	ND	ND	ND	ND	ND	ND	ND
41	Diethyl phthalate	μg/kg	ND	NĐ								
42	Dimethyl phthalate	μg/kg	ND	ND	ND	ND	ΝĐ	ND	ND	ND	ND	ND
43	Di-n-butyl phthalate	μg/kg	ND									
44	Di-n-octyl phthalate	μg/kg	ND									
45	Fluoranthene	μg/kg	NĐ	ND								
46	Fluorene	μg/kg	ND.	ND	NĐ							
47	Hexachlorobenzene	μg/kg	ND	ND	ND	ND	NĐ	ND	ND	ND	ND	ND
48	Hexachlorobutadiene	μg/kg	ND									
49	Hexachlorocyclopentadiene	μg/kg	NĐ	ND	ND	ND	ND	ND ND	ND	ND	ND	ND
50	Hexachloroethane	μg/kg	ND									
51	Indeno(1,2,3-cd)pyrene	μg/kg	ND	ND	ND	ND	ND	DM	ND	ND	NĐ	ND
52	Isophorone	μg/kg	ND									
53	Naphthalene	μg/kg	ND									
54	Nitrobenzene	μg/kg	ND									
55	n-Nitrosodi-n-propylamine	μg/kg	ND									
56	Pentachlorophenol	μg/kg	ND	NĎ	NĐ							
57	Phenanthrene	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
58	Phenol	μg/kg	ND									
59	Pyrene	μg/kg	NĐ	ND								

J: Estimated amount between the detection limit and reporting limit

Table 8. Continued

1000		Borehole →	E11-178	E11-178	E11-178	E11-179	E11-179	E11-179	E11-179	E11-180	E11-180	E11-180
No		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									
2	1,2-Dichlorobenzene	μg/kg	ND									
3	1,3-Dichlorobenzene	μg/kg	ND	ND	ND	ND	DM	ND	ND	NĐ	ND	ND
4	1,4-Dichlorobenzene	μg/kg	ND									
5	2,4,5-Trichlorophenol	μg/kg	ND :	ND								
6	2,4,6-Trichlorophenol	μg/kg	ND									
7	2,4-Dichlorophenol	μg/kg	ND									
8	2,4-Dimethylphenol	μg/kg	ND									
9	2,4-Dinitrotoluene	μg/kg	ND									
10	2,6-Dinitrotoluene	μg/kg	ND									
11	2-Chloronaphthalene	μg/kg	ND	NĐ								
12	2-Chlorophenol	μg/kg	МĎ	ND								
13	2-Methylnaphthalene	μg/kg	ND									
14	2-Methylphenol	μg/kg	NĐ	ND	30.9 J							
15	2-Nitroaniline	μg/kg	ND	NĐ	ND	ND						
16	2-Nitrophenol	μg/kg	ND									
17	3 and/or 4-Methylphenol	μg/kg	ND	ND	ND	ND	ND	ОN	ND	ND	ND	37.8 J
18	3-Nitroaniline	μg/kg	ND .	ND	NĐ							
19	4-Bromophenyl phenyl ether	μg/kg	ND									
20	4-Chloro-3-methylphenol	μg/kg	ND									
21	4-Chloroaniline	μg/kg	ND									
22	4-Chlorophenyl phenyl ether	μg/kg	ND									
23	4-Nitroaniline	μg/kg	ND									
24	4-Nitrophenol	μg/kg	ND									
25	Acenaphthene	μg/kg	ND									
26	Acenaphthylene	μg/kg	ND									
27	Anthracene	μg/kg	ND									
28	Benzo(a)anthracene	μg/kg	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									
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	ИD	ND	ND	ND	ND

J: Estimated amount between the detection limit and reporting limit

Table 8. Continued

Sin		Borehole →	E11-178	E11-178	E11-178	E11-179	E11~179	E11-179	E11-179	E11-180	E11-180	E11-180
No		Sample ID →	S2	S3	S4	S1	52	53	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									
34	Bis(2-Chloroethyl)ether	μg/kg	ND	NĐ								
35	Bis(2-Chloroisopropyl)ether	μg/kg	ND									
36	Bis(2-Ethylhexyl)phthalate	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	93,6 J	ND	ND
37	Butyl benzyl phthalate	μg/kg	ND									
38	Chrysene	μg/kg	ND	NĐ	ND	ND						
39	Dibenz(a,h)anthracene	μg/kg	ND									
40	Dibenzofuran	μg/kg	ND									
41	Diethyl phthalate	μg/kg	ND	ND	ND	ND .	ND	ND	ND	ND	ND	ND
42	Dimethyl phthalate	μg/kg	ND									
43	Di-n-butyl phthalate	μg/kg	ND									
44	Di-n-octyl phthalate	μg/kg	ND									
45	Fluoranthene	μg/kg	ND	ND	ND	ND	ND	NÐ	МĐ	ND	ND	ND
46	Fluorene	μg/kg	NĐ	ND								
47	Hexachlorobenzene	μg/kg	ND									
48	Hexachlorobutadiene	μg/kg	ND									
49	Hexachlorocyclopentadiene	μg/kg	ND									
50	Hexachloroethane	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	μg/kg	ND									
52	Isophorone	μg/kg	ND	NĐ	ND	ND						
53	Naphthalene	μg/kg	ND									
54	Nitrobenzene	μg/kg	ND									
55	n-Nitrosodi-n-propylamine	μg/kg	ND									
56	Pentachlorophenol	μg/kg	ND									
57	Phenanthrene	μg/kg	ND	NĐ	ND	ND						
58	Phenol	μg/kg	ND									
59	Pyrene	μg/kg	ND									

 ${\it J}$ : Estimated amount between the detection limit and reporting limit



Table 8. Continued

		3orehole →	E11-180	E11-181	E11-181	F11-181	E11-182	E11-182	E11-182	E11-182	E11-183	E11-183
No	Sa	ample ID →	S4	S1	S2	S3	S1	S2	S3	S4	S1	S2
100	Analyte↓ D	epth, 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									
2	1,2-Dichlorobenzene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
3	1,3-Dichlorobenzene	μg/kg	ND									
4	1,4-Dichlorobenzene	μg/kg	ND									
5	2,4,5-Trichlorophenol	μg/kg	ND	NĐ	ND							
6	2,4,6-Trichlorophenol	μg/kg	ND	ND	ND	ND	ND	ND	ND .	NĐ	ND	ND
7	2,4-Dichlorophenol	μg/kg	ND	ND	NĐ	ND	ND	NĐ	ND	ND	ND	ND
8	2,4-Dimethylphenol	μg/kg	ND									
9	2,4-Dinitrotoluene	μg/kg	ND	ND .	NĐ							
10	2,6-Dinitrotoluene	μg/kg	ND									
11	2-Chloronaphthalene	μg/kg	ND	ND	ND .	NĐ	ND	NĐ	ND	ND	ND	ND
12	2-Chlorophenol	μg/kg	ND									
13	2-Methylnaphthalene	μg/kg	58.8 J	ND								
14	2-Methylphenol	μg/kg	ND									
15	2-Nitroaniline	μg/kg	ND									
16	2-Nitrophenol	μg/kg	ND	ND	ND	ND	ND	ВN	ND	ND	ND	ND
17	3 and/or 4-Methylphenol	μg/kg	NĐ	ND	ND	ND	NĐ	ND	ND	ND	ND	ND
18	3-Nitroaniline	μg/kg	ND									
19	4-Bromophenyl phenyl ether	μg/kg	ND	ND	NĐ	ND						
20	4-Chloro-3-methylphenol	μg/kg	ND	GN	ND							
21	4-Chloroaniline	μg/kg	ND									
22	4-Chlorophenyl phenyl ether	μg/kg	ND									
23	4-Nitroaniline	μg/kg	ND									
24	4-Nitrophenol	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
25	Acenaphthene	μg/kg	ND									
26	Acenaphthylene	μg/kg	ND									
27	Anthracene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
28	Benzo(a)anthracene	μg/kg	ND									
29	Benzo(a)pyrene	μg/kg	ND									
30	Benzo(b)fluoranthene	μg/kg	ND									
31	Benzo(g,h,i)perylene	μg/kg	ND	ND	NĐ	GN	ND	ND	ND	ND	ND	ΝD
32	Benzo(k)fluoranthene	μg/kg	ND									

J: Estimated amount between the detection limit and reporting limit

Table 8. Continued

		Borehole 🔿	E11-180	E11-181	E11-181	E11-181	E11-182	E11-182	E11-182	E11-182	E11-183	E11-183
No		Sample ID →	S4	S1	\$2	53	<b>S1</b>	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	NĐ
34	Bis(2-Chloroethyl)ether	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	Bis (2-Chlorois opropyl) 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	NĐ	ND	ND
39	Dibenz(a,h)anthracene	μg/kg	ND	ND	ND	ND	ND	NĐ	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	NĐ	ND	ND
43	Di-n-butyl phthalate	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	NĐ
44	Di-n-octyl phthalate	μg/kg	ND	NĐ	NĐ	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	NĐ	ND	ND
48	Hexachlorobutadiene	μg/kg	NĐ	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	ND
54	Nitrobenzene	μg/kg	ND	NĐ	ND	ND ND	ND	ND	ND	ND	ND	ND
55	n-Nitrosodi-n-propylamine	μg/kg	ND	ND	NĐ	ND	ND	NĐ	ND	NĐ	ND	ND
56	Pentachlorophenol	μg/kg	NN	NΩ	NU	ND	ND	NU	หย	ND	ND	ND
57	Phenanthrene	μg/kg	ND	ND	ND	ND	ND	ND	ND	· ND	ND	ND
58	Phenol	μg/kg	ND	NĐ	ND	ND	ND	ND	ND	ND	ND	ND
59	Pyrene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	NĐ	ND	ND

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

		Borehole 🔿	E11-183	E11-183	E11-184	E11-184	E11-184	E11-184	E11-185	E11-185	E11-185	E11-185
No		Sample ID →	S3	54	S1	S2	S3	S4	S1	S2	S3	\$4
	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	NĐ	ND	ND	ND	ND
2	1,2-Dichlorobenzene	μg/kg	ND	NĐ	ND							
3	1,3-Dichlorobenzene	μg/kg	ND	ND	NĐ	ND	ND	ND	ND	ND	ND .	ND
4	1,4-Dichlorobenzene	μg/kg	ND									
5	2,4,5-Trichlorophenol	μg/kg	ND									
6	2,4,6-Trichlorophenol	μg/kg	ND									
7	2,4-Dichlorophenol	μg/kg	ND	NĐ	ND	NĐ						
8	2,4-Dimethylphenol	μg/kg	ND	ND	ND	NĐ	МĐ	ND	ND	ND	ND	ND
9	2,4-Dinitrotoluene	μg/kg	ND									
10	2,6-Dinitrotoluene	μg/kg	ND	ND -	ND	ND						
11	2-Chloronaphthalene	μg/kg	ND	NĐ	ND	ND						
12	2-Chlorophenol	μg/kg	ND									
13	2-Methylnaphthalene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
14	2-Methylphenol	μg/kg	ND									
15	2-Nitroaniline	μg/kg	ND	ND	NĐ	ND						
16	2-Nitrophenol	μg/kg	ND	ND	NĐ	ND	ND	ND	ND	ND .	ND	ND
17	3 and/or 4-Methylphenol	μg/kg	ND	NĐ	ND	NĐ						
18	3-Nitroaniline	μg/kg	ND									
19	4-Bromophenyl phenyl ether	μg/kg	ND	ND	NĐ	ND						
20	4-Chloro-3-methylphenol	μg/kg	ND									
21	4-Chloroaniline	μg/kg	ND									
22	4-Chiorophenyi phenyi ether	μg/kg	ND	ND	NĐ	ND						
23	4-Nitroaniline	μg/kg	ND									
24	4-Nitrophenol	μg/kg	ND	ND	DM	CIN	ND	ND	ND	ND	ND	ND
25	Acenaphthene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	NĐ
26	Acenaphthylene	μg/kg	ND									
27	Anthracene	μg/kg	ND	ND	ND	NĐ	В	ND	ND	ND	ND	ND
28	Benzo(a)anthracene	μg/kg	ND									
29	Benzo(a)pyrene	μg/kg	ND									
30	Benzo(b)fluoranthene	μg/kg	ND	ND	NĐ	ND						
31	Benzo(g,h,i)perylene	μg/kg	ND									
32	Benzo(k)fluoranthene	μg/kg	ND									

J: Estimated amount between the detection limit and reporting limit

Table 8. Continued

		Borehole →	E11-183	E11-183	E11-184	E11-184	E11-184	E11-184	E11-185	E11-185	E11-185	E11-185
No	5	Sample ID →	S3	54	S1	S2	S3	54	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~8.75	0.070.5	~2.0	~5.0	~8.8
33	Bis(2-Chloroethoxy)methane	μg/kg	ND									
34	Bis(2-Chloroethyl)ether	μg/kg	ND									
35	Bis(2-Chloroisopropyl)ether	μg/kg	ND									
36	Bis(2-Ethylhexyl)phthalate	μg/kg	ND									
37	Butyl benzyl phthalate	μg/kg	ND									
38	Chrysene	μg/kg	ND .	ND	NĐ							
39	Dibenz(a,h)anthracene	μg/kg	ND									
40	Dibenzofuran	μg/kg	ND									
41	Diethyl phthalate	μg/kg	ND	ND	МD	ND						
42	Dimethyl phthalate	μg/kg	ND									
43	Di-n-butyl phthalate	μg/kg	ND									
44	Di-n-octyl phthalate	μg/kg	ND	NĐ .	ND	ND						
45	Fluoranthene	μg/kg	ND									
46	Fluorene	μg/kg	ND	ND	ND	NĐ	ND	NĐ	ND	ND	ND	ND
47	Hexachlorobenzene	μg/kg	ND									
48	Hexachlorobutadiene	μg/kg	ND									
49	Hexachlorocyclopentadiene	μg/kg	ND									
50	Hexachloroethane	μg/kg	ND									
51	Indeno(1,2,3-cd)pyrene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
52	Isophorone	μg/kg	ND									
53	Naphthalene	μg/kg	ND									
54	Nitrobenzene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
55	n-Nitrosodi-n-propylamine	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
56	Pentachlorophenol	μg/kg	ND	ND	ND	ND	ND	NĎ	ND	ND	ND	ND
57	Phenanthrene	μg/kg	ND									
58	Phenol	μg/kg	ND	NĐ								
59	Pyrene	μg/kg	ND	NĐ	ND	ND						

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

	8	Borehole →	E11-186	E11-186	E11-186	E11-186	E11-187	E11-187	E11-187	E11-187	E11-188	E11-188
No	Sa	ımple ID →	S1	<b>S2</b>	<b>S3</b>	S4	S1	S2	S3	S4	<b>S</b> 1	S2
	Analyte↓ D	epth, 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	NĐ	ND
9	2,4-Dinitrotoluene	μg/kg	ND	ND	NĐ	ND	ND	ND	ND	NĐ	ND	NÐ
10	2,6-Dinitrotoluene	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	2-Chloronaphthalene	μg/kg	ND	ND	ND	DN	МD	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	NĐ	ND	ND	ND	ND	NĐ	ND	NĐ
14	2-Methylphenol	μg/kg	ND	ND	ND	ND	ND	ND	ND .	ND	ND	ND
15	2-Nîtroaniline	μg/kg	ND	ND	ND	ΝĐ	ND	ND	ND	NĐ	ND	ND
16	2-Nitrophenol	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
17	3 and/or 4-Methylphenol	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	NĐ	ND
18	3-Nitroaniline	μg/kg	ND	ND	NĐ	ND	ND	ND	ND	ND	ND	ND
19	4-Bromophenyl phenyl ether	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ВN	ND	NĐ
20	4-Chloro-3-methylphenol	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	4-Chioroaniline	μg/kg	ND	ND	NĐ	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	NĐ	ND	ND	ND	ND	ND	NĐ
24	4-Nitrophenol	μg/kg	ND	ND	ND	ND	ND	ND	ND	NĐ	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		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
$\rightarrow$	Benzo(a)pyrene	μg/kg	ND	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

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

		Borehole →	E11-186	E11-186	E11-186	E11-186	E11-187	E11-187	E11-187	E11-187	E11-188	E11-188
No	garidə şəriyinin dilətinə daya allılıkdır.	Sample ID →	S1	S2	S3	54	S1	S2	53	S4	S1	52
	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	ŊD	ND	ND	ND	ND	ND	NĐ
34	Bis(2-Chloroethyl)ether	μg/kg	ND	ND	ND	ND	ND	ND	ND ND	ND	ND	ND
35	Bis(2-Chloroisopropyl)ether	μg/kg	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 N	ND	ND	ND	NĐ	ND	ΝĐ	ND	ND
38	Chrysene	μg/kg	ND	NĐ								
39	Dibenz(a,h)anthracene	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	NĐ	ND
40	Dibenzofuran	μg/kg	ND									
41	Diethyl phthalate	μg/kg	ND	NĐ	ND							
42	Dimethyl phthalate	μg/kg	ND									
43	Di-n-butyl phthalate	μg/kg	ND									
44	Di-n-octyl phthalate	μg/kg	ND	ND	ND	ND	ND ,	ND	ND	ND	NĐ	ND
45	Fluoranthene	μg/kg	ND	ND ND								
46	Fluorene	μg/kg	ND	ND	NĐ	ND	ND	NĐ	ND	NĐ	ND	ND
47	Hexachlorobenzene	μg/kg	ND									
48	Hexachlorobutadiene	μg/kg	ND									
49	Hexachlorocyclopentadiene	μg/kg	ND									
50	Hexachloroethane	μg/kg	ND									
51	Indeno(1,2,3-cd)pyrene	μg/kg	ND									
52	Isophorone	μg/kg	ND									
53	Naphthalene	μg/kg	ND	ND	ND	NĐ	ND	NĐ	ND	ND	ND	ND
54	Nitrobenzene	μg/kg	ND									
55	n-Nitrosodi-n-propylamine	μg/kg	ND									
	Pentachlorophenol	μg/kg	ND	ND	พบ	ND	ND	ND	В	CIN	CM	ND
57	Phenanthrene	μg/kg	ND	ND	NĐ	ND	ND	ND	ND	NĐ	ND	ND
58	Phenol	μg/kg	ND	NĐ								
59	Pyrene	μg/kg	ND	ИD	ND							

J: Estimated amount between the detection limit and reporting limit

Table 8. Continued

, au	ie 8. Continueu			real and the second				• · · · · · · · · · · · · · · · · · · ·	Francisco de la companya		100 a	
	angstitelitesper Schoolsky	Borehole →	E11-188	E11-188	E11-189	E11-189	E11-189	E11-189	E11-190	E11-190	E11-190	E11-190
No		Sample ID →	S3	S4	S1	S2	S3	.54	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	<b>~</b> 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	ΝD	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	ΝĐ	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	NO	ND	ND	ND	ND ND	ND	NĐ	NĐ
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	NĐ	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	NĐ	ND	ND	ND	ND	ND
17	3 and/or 4-Methylphenoi	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	NĐ	ND
18	3-Nitroaniline	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	NĐ	NĐ
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	ΠD	NĐ
2.2	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	NĐ	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	NĐ	ND	ND	ND	ND
31	Benzo(g,h,i)perylene	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ΝD
32	Benzo(k)fluoranthene	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND .
IOTE	ç.	•										

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

ig ili		Borehole →	E11-188	E11-188	E11-189	E11-189	E11-189	E11-189	E11-190	E11-190	E11-190	E11-190
No		Sample ID →	S3	S4	S1	<b>S</b> 2	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
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	МĎ	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	NĐ	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	NĐ	ND	ND	ND	ND	ND	ND
47	Hexachlorobenzene	μg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Hexachlorobutadiene	μg/kg	NĐ	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	NĐ	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	ΝĐ	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	NĎ	ND	ND	ND	ND	ND	ND
56	Pentachlorophenol	μg/kg	ND	ND	ND	DN	ND	ND	NĎ	ND	ND	ND
57	Phenanthrene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
58	Phenol	μg/kg	ND	ND	ND	ND	ND	ND	DM	ND	ND	ND
59	Pyrene	μg/kg	ND	ND	В	ND	ND	ND	ND	ND	ND	ND

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

		Borehole →	E11-191	E11-191	E11-191	E11-191	E11-192	E11-192	E11-192	E11-192	E11-193	E11-193
No	Sa	ample ID →	S1	S2	53	S4	S1	S2	S3	54	S1	S2
	Analyte↓ D	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	NĐ	ND	ND	ND	ND
2	1,2-Dichlorobenzene	μg/kg	ND	ND	ND	ND	GN	ND	ND	ND	ND	ND
3	1,3-Dichlorobenzene	μg/kg	ND									
4	1,4-Dichlorobenzene	μg/kg	ND									
5	2,4,5-Trichlorophenol	μg/kg	ND									
6	2,4,6-Trichlorophenol	μg/kg	NĐ	ND	NĐ	ND						
7	2,4-Dichlorophenol	μg/kg	ND									
8	2,4-Dimethylphenol	μg/kg	ND									
9	2,4-Dinitrotoluene	μg/kg	ND									
10	2,6-Dinitrotoluene	μg/kg	NĐ	ND	NĐ	ND						
11	2-Chloronaphthalene	μg/kg	ND	ND	ND	ND	ND	ND	МD	ND	ND	ND
12	2-Chlorophenol	μg/kg	ND									
13	2-Methylnaphthalene	μg/kg	ND									
14	2-Methylphenol	μg/kg	ND									
15	2-Nitroaniline	μg/kg	ND	ND	ND	ΝĐ	ND	ND	ND	ND	ND	ND
16	2-Nitrophenol	μg/kg	ND	NĐ	ND							
17	3 and/or 4-Methylphenol	μg/kg	ND									
18	3-Nitroaniline	μg/kg	ND									
19	4-Bromophenyl phenyl ether	μg/kg	ND									
20	4-Chloro-3-methylphenol	μg/kg	ND	NĐ	ND							
21	4-Chloroaniline	μg/kg	ND									
22.	4-Chlorophenyl phenyl ether	μg/kg	NĐ	ND	ND	ND	ND	ND	ND	NĐ	ND	ND
23	4-Nitroaniline	μg/kg	ND	В	В	ND	ND	ND	ND	NĐ	ND	ND
24	4-Nitrophenol	μg/kg	ND									
25	Acenaphthene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
26	Acenaphthylene	μg/kg	NĐ	ND								
27	Anthracene	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	ND	ND
28	Benzo(a)anthracene	μg/kg	ND	В	ND	ND						
29	Benzo(a)pyrene	μg/kg	ND									
30	Benzo(b)fluoranthene	μg/kg	ND									
31	Benzo(g,h,i)perylene	μg/kg	ND	ND	ИD	ND	ND	ND	ND	ND	ND	NĐ
32	Benzo(k)fluoranthene	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	ND	ND

 $\ensuremath{\mathrm{J}}\xspace$  . Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

		Borehole →	E11-191	E11-191	E11-191	E11-191	E11-192	E11-192	E11-192	E11-192	E11-193	E11-193
No	2	Sample ID →	S1	\$2	S3	S4	S1	S2	S3	. S4	.51	S2
	Analyte <b>↓</b>	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									
	Bis(2-Chloroethyl)ether	μg/kg	ND									
35	Bis(2-Chloroisopropyl)ether	μg/kg	ND									
36	Bis(2-Ethylhexyl)phthalate	μg/kg	ND	50,7 J	49.8 J	261 J	708	ND	150 J	ND	ND	NĐ
37	Butyl benzyl phthalate	μg/kg	ND									
38	Chrysene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
39	Dibenz(a,h)anthracene	μg/kg	ND	NĐ	ND	ND						
40	Dibenzofuran	μg/kg	ND	ND	NĐ	ND						
41	Diethyl phthalate	μg/kg	ND	МĐ								
42	Dimethyl phthalate	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
43	Di-n-butyl phthalate	μg/kg	ND	NĐ	ND	ND						
_	Di-n-octyl phthalate	μg/kg	ND									
45	Fluoranthene	μg/kg	ND									
46	Fluorene	μg/kg	ND									
47	Hexachlorobenzene	μg/kg	В	ND								
48	Hexachlorobutadiene	μg/kg	ND	NĐ	ND	ND						
49	Hexachlorocyclopentadiene	μg/kg	ND	ND	ND	ΝĎ	ND	ND	ND	ND	ND	ND
50	Hexachloroethane	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	μg/kg	ND	ND	ND	ND	МD	ND	ND	ND	ND	ND
52	Isophorone	μg/kg	ND									
53	Naphthalene	μg/kg	ND	NĐ								
	Nitrobenzene	μg/kg	ND									
55	n-Nitrosodi-n-propylamine	μg/kg	ND									
	Pentachlorophenol	μg/kg	ND	ОИ	ND							
	Phenanthrene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
58	Phenol	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
59	Pyrene	μg/kg	ND									

J: Estimated amount between the detection limit and reporting limit

Table 8. Continued

	B	orehole →	E11-193	E11-193	E11-194	E11-194	E11-194	E11-194	E11-195	E11-195	E11-195	E11-195
No	Reference Sa	ample ID →	S3	S4	S1	S2	S3	S4	51	S2	53	S4
F845	Analyte <b>↓</b> D	Pepth, 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									
2	1,2-Dichlorobenzene	μg/kg	ND									
3	1,3-Dichlorobenzene	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
4	1,4-Dichlorobenzene	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	ND	NĐ
5	2,4,5-Trichlorophenol	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
6	2,4,6-Trichlorophenol	μg/kg	ND -	NĐ	NĐ	ND	ND	NĐ	ND	ND	ND	ND
7	2,4-Dichlorophenol	μg/kg	ND									
8	2,4-Dimethylphenol	μg/kg	ND	МÐ	NĐ							
9	2,4-Dinitrotoluene	μg/kg	ND	NĐ	NĐ	ND						
10	2,6-Dinitrotoluene	μg/kg	ND									
11	2-Chioronaphthalene	μg/kg	ND									
12	2-Chlorophenol	μg/kg	ND	ND	NĐ	В	ND	ND	ND	ND	ND	ND
13	2-Methylnaphthalene	μg/kg	ND									
14	2-Methylphenol	μg/kg	ND									
15	2-Nitroaniline	μg/kg	ND	ND	ND	ND	ND	NĐ	NĐ	ND	ND	ND
16	2-Nitrophenol	μg/kg	ND	NĐ	ND							
17	3 and/or 4-Methylphenol	μg/kg	ND									
18	3-Nitroaniline	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	NĐ
19	4-Bromophenyl phenyl ether	μg/kg	ND	NĐ	ND	ND						
20	4-Chloro-3-methylphenol	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND
21	4-Chloroaniline	μg/kg	ND	NĐ	ND							
22		μg/kg	ND									
23	4-Nitroaniline	μg/kg	ND									
24	4-Nitrophenol	μg/kg	ND	ND	ND	ND	ND	NĐ	NĐ	ND	ND	NĐ
25	Acenaphthene	μg/kg	ND	ИD	ND	ND						
26	Acenaphthylene	μg/kg	ND	ND	ΝĐ	NĐ	ND	ND	ND	ND	ND	ND
27	Anthracene	μg/kg	ND									
28	Benzo(a)anthracene	μg/kg	ND	ND	ND	NU	NU	ND	ND	ND	ND	ND
29	Benzo(a)pyrene	μg/kg	ND									
30	Benzo(b)fluoranthene	μg/kg	ND									
31	Benzo(g,h,i)perylene	μg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	ND	ND
32	Benzo(k)fluoranthene	μg/kg	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND

J: Estimated amount between the detection limit and reporting limit

Table 8. Continued

		Borehole →	E11-193	E11-193	E11-194	E11-194	E11-194	E11-194	E11-195	E11-195	E11-195	E11-195
No		Sample ID →	.S3	S4	S1	S2	\$3	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	NĐ	ND	ND	ND	NĐ
34	Bis(2-Chloroethyl)ether	μg/kg	ND									
35	Bis(2-Chloroisopropyl)ether	μg/kg	ND									
36	Bis(2-Ethylhexyl)phthalate	μg/kg	ND									
37	Butyl benzyl phthalate	μg/kg	ND									
38	Chrysene	μg/kg	ND	ND	ND	ND	ND	NĐ	ND	ND	ND	ND
39	Dibenz(a,h)anthracene	μg/kg	ND	NĐ	NĐ	ND						
40	Dibenzofuran	μg/kg	ND									
41	Diethyl phthalate	μg/kg	ND									
42	Dimethyl phthalate	μg/kg	ND									
43	Di-n-butyl phthalate	μg/kg	ND	ND	ND	ND	ND	ΝĐ	ND	ND	ND	ND
44	Di-n-octyl phthalate	μg/kg	ND									
45	Fluoranthene	μg/kg	ND									
46	Fluorene	μg/kg	ND	NĐ								
47	Hexachiorobenzene	μg/kg	ND									
48	Hexachlorobutadiene	μg/kg	ND	ND	ND	NĐ	ND	NĐ	ND	ND	ND	ND
49	Hexachlorocyclopentadiene	μg/kg	NĐ	ND	NĐ	ND	ND	В	ND	ND	ND	ND
50	Hexachloroethane	μg/kg	ND	ND	ND	ND	ND	ND	NO	ND	ND	ND
51	Indeno(1,2,3-cd)pyrene	μg/kg	ND									
52	Isophorone	μg/kg	ND									
53	Naphthalene	μg/kg	ND									
54	Nitrobenzene	μg/kg	ND	ND	ND	ND ND	ND	ND	ND	ND	ND	NĐ
55	n-Nitrosodi-n-propylamine	μg/kg	ND	ND	ND	ND I	ND	ND	ND	ND	ND	ND
56	Pentachlorophenol	μg/kg	ND	NĐ								
57	Phenanthrene	μg/kg	ND	ND	NĐ	ND	NĐ	NĐ	ND	NĐ	ND :	ND
58	Phenol	μg/kg	ND									
59	Pyrene	μg/kg	ND	NĐ	ND							

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 8. Continued

ive		Borehole →	E11-196	E11-196	E11-196	E11-196
No		Sample ID →	S1	S \$2	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	NĐ	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	NĐ	ND
8	2,4-Dimethylphenol	μg/kg	ND	ND	ND	ND
9	2,4-Dinitrotoluene	μg/kg	ND	NĐ	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	NĐ	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	NĐ
17	3 and/or 4-Methylphenol	μg/kg	ND	ND	ND	ND
18	3-Nítroaniline	μg/kg	ND	ND	ND	ND
19	4-Bromophenyl phenyl ether	μg/kg	ΝD	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	NĐ
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	พบ	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	МÐ

J: Estimated amount between the detection limit and reporting limit

Table 8. Continued

		Borehole →	E11-196	E11-196	E11-196	E11-196
No		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	NĐ	ND	ND
51	Indeno(1,2,3-cd)pyrene	μg/kg	ND	ND	ND	ND
52	Isophorone	μg/kg	ND	NĐ	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	Pentachiorophenol	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

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

arwii)	Bore	hole →	E11-154	E11-154	E11-155	E11-155	E11-156	E11-156	E11-156	E11-157	E11-157	E11-157
No	Samp	ile ID →	S1	S2	S1	S2	S1	S2	S3	S1	:: S2	S3
	Analyte↓ Dept	h, 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 m	g/kg	15.6	3,48	308	40.1	4,75	4.48	3.17	2.95	4.58	1.82
2	Barium m	g/kg	91.4	55	111	63.7	87.6	80,2	63.7	71.1	78.9	72.6
3	Cadmium m	g/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	Chromium ma	g/kg	3.58	3.8	3.5	4,02	4,11	6.54	6.38	4,41	3.91	4.31
5	Lead me	g/kg	19	10.2	19.7	7,62	8.89	10.6	9.53	9	14	5,96
6	Mercury me	g/kg	ND	0.00161 J	0.00453 J	0.00631 J	ND	0.0016 J	0.00511 J	0,00682 1	0.00448 J	0.00269 J
7	Selenium mg	g/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	g/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

J: Estimated amount between the detection limit and reporting limit

Table 9. Continued

	Borehole -	€11-158	E11-158	E11-158	E11-158	E11-159	E11-159	E11-159	E11-159	E11-160	E11-160
No	Sample ID +	<b>S1</b>	S2	S3	S4	S1	S2	S3	S4	S1	52
	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						
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 1	0.00183 J
7	Selenium mg/kg	ND	ND	ND	ND						
8	Silver mg/kg	ND	ND	ND	ND						

3: Estimated amount between the detection limit and reporting limit

Table 9. Continued

		Borehole →	E11-160	E11-161	E11-161	E11-161	E11-161	E11-162	E11-162	E11-163	E11-163	E11-163
No	la constant de la co	ample ID →	S3	S1	S2	S3	54	S1	S2	S1	52	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		0.744 J	ND	ND	ND
8	Silver	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

J: Estimated amount between the detection limit and reporting limit

ND: Not detected

Table 9. Continued

	В	orehole →	E11-163	E11-164	E11-164	E11-164	E11-164	E11-165	E11-165	E11-165	E11-165	E11-166
No	Sa	mpie ID >	S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
1111111	Analyte↓ D	epth, 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	NĐ	0.574.)	ИD	ND	ND	0.501 J	ND	0.542 J	0.496 J	ND
8	Silver	mg/kg	ND	ND	ND	МĐ						

 ${\it f}\colon \mbox{\sf Estimated}$  amount between the detection limit and reporting limit

Table 9. Continued

		Borehole →	E11-166	E11-167	E11-167	E11-167	E11-168	E11-168	E11-169	E11-169	E11-170	E11-170
No		Sample ID →	S2	51	S2	S3	S1	S2	S1	52	S1	S2
	Analyte↓	Depth, m →	~2.7	0.0~0.5	~2.0	<b>~</b> 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	NĐ	ND	NĐ	ND	0.367 J	ND	ND	ND	ND	ND

 $\mathbf{j};\;$  Estimated amount between the detection limit and reporting limit

Table 9. Continued

		Borehole →	E11-170	E11-170	E11-171	E11-171	E11-171	E11-172	E11-172	E11-172	E11-172	E11-173
No		Sample ID $\Rightarrow$	S3	S4	S1	S2	S3	S1	S2	S3	S4	S1
	Analyte <b>↓</b>	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	NĐ	ND	ND	ND	ND

J: Estimated amount between the detection limit and reporting limit

Table 9. Continued

20.30%		Borehole →	E11-173	E11-173	E11-173	E11-174	E11-174	E11-174	E11-174	E11-175	E11-175	E11-175
No		Sample ID →	S2	S3	54	S1	S2	S3	S4	S1	52	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 1	0.696 J	ND
8	Silver	mg/kg	ND	ND	ND	ND	ND	ND	NĐ	ND	ND	ND

J: Estimated amount between the detection limit and reporting limit

Table 9. Continued

	Borehole	→ E11-175	E11-176	E11-176	E11-176	E11-176	E11-177	E11-177	E11-177	E11-177	E11-178
No	Sample ID	<b>→</b> S4	S1	S2	S3	S4	S1	S2	S3	\$4	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	59	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	NĐ	ND	ND	NĐ	ND	ND	ND	ND	ND	ND

J: Estimated amount between the detection limit and reporting limit

Table 9. Continued

i de la		Borehole →	E11-178	E11-178	E11-178	E11-179	E11-179	E11-179	E11-179	E11-180	E11-180	E11-180
No		Sample ID →	\$2	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 1	0.716.1	0.689.1	0.966 J	0.458 J	0.61S J	1.48 J	0.606 J	ND	ND
8	Silver	mg/kg	ND	ND	ND	ND	ND	ND	ND	2.34	ND	ND

J: Estimated amount between the detection limit and reporting limit

Table 9. Continued

hada.	Вог	rehole 🔿	E11-180	E11-181	E11-181	E11-181	E11-182	E11-182	E11-182	E11-182	E11-183	E11-183
No	Sam	ple ID →	S4	S1	S2	S3	S1	S2	S3	S4	S1	S2
	Analyte↓ Der	oth, 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 n	ng/kg	6.65	5.77	4.17	3.69	4.91	6.11	5.09	4.5	3.05	9.01
2	Barium n	ng/kg	90.1	92.5	103	95.1	100	95/5	79.8	89.8	90.8	87.8
3	Cadmium n	ng/kg	0.652	ND	1.41	1.48	ND	ND	1.54	ND	ND	ND
4	Chromium m	ng/kg	10.1	4,26	2,84	3.73	3.4	3.48	3,82	6.7	3.31	2.93
5	Lead m	ng/kg	19.4	12.4	10.3	18.7	13.2	15,5	15.3	15.6	6.84	27.7
6	Mercury m	ng/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 m	ng/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 m	ng/kg	0.162 J	ND	ND	ND	ND	ND	ND	ND	ND	ND

J: Estimated amount between the detection limit and reporting limit

Table 9. Continued

		Borehole →	E11-183	E11-183	E11-184	E11-184	E11-184	E11-184	E11-185	E11-185	E11-185	E11-185
No		Sample ID →	S3	S4	S1 -	S2	\$3	S4	S1	S2	S3	54
Market	Analyte J	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 (	0.825 J	ND	ND	0.6 J	ND	₩D	ND	ND	0.819 J
8	Silver	mg/kg	ND	ND	ND	ND	ΝD	ND	NĐ	ND	ND	ND

J: Estimated amount between the detection limit and reporting limit

Table 9. Continued

- 11	Во	rehole →	E11-186	E11-186	E11-186	E11-186	E11-187	E11-187	E11-187	E11-187	E11-188	E11-188
No	San	nple ID →	S1	S2	S3	\$4	51	S2	S3	S4	S1	S2
453	Analyte↓ De	pth, 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 t	mg/kg	5.47	4.25	5,9	3.94	5.41	5.48	3,91	3.51	8.04	4.97
2	Barium ı	ng/kg	84.1	69.8	81.6	80,3	101	94,3	86.3	77.1	89.4	79.1
3	Cadmium r	ng/kg	1.12	0.602	0.735	0.56	ND	ND	ND	ND	1,63	ND
4	Chromium r	ng/kg	3,47	3,01	4.6	10.1	3,39	4.35	3.76	6,53	4.21	4.46
5	Lead r	ng/kg	28,3	10.2	16.1	11.4	14.2	12.4	11.1	12.1	16.5	12.5
6	Мегсигу г	ng/kg	0.0241	0.00557.1	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 r	ng/kg	ND	0.815 J	ND	ND	ND	ND	ND	ND	ND	ND
8	Silver r	ng/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

1: Estimated amount between the detection fimit and reporting limit

ND: Not detected

Table 9. Continued

- 14-14-14 - 14-14-14-14-14-14-14-14-14-14-14-14-14-1	Borehole -	E11-188	E11-188	E11-189	E11-189	E11-189	E11-189	E11-190	E11-190	E11-190	E11-190
No	Sample ID -	<b>→</b> S3	54	S1	S2	53	S4	S1	: .S2	53	54
	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	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 1	0.00502 J
7	Selenium mg/kg	0.576 J	ND	ND	ND	ND	ND	0.6881	ND	0.554 J	0.756 J
8	Silver mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

J: Estimated amount between the detection limit and reporting limit

Table 9. Continued

	В	orehole 🔿	E11-191	E11-191	E11-191	E11-191	E11-192	E11-192	E11-192	E11-192	E11-193	E11-193
No	Sa	mple ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	52
	Analyte↓ D	epth, 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	13	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	0.565.1	ND	ND
8	Silver	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	NĐ	ND

): Estimated amount between the detection limit and reporting limit  $\boldsymbol{\beta}$ 

ND: Not detected

Table 9. Continued

		Borehole →	E11-193	E11-193	E11-194	E11-194	E11-194	E11-194	E11-195	E11-195	E11-195	E11-195
No		Sample ID →	S3	54	\$1	S2	S3	S4	S1	52		S4
30.55	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	Мегсигу	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 1	1.11	0.965 J	0.504 J
8	Silver	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

 $\ensuremath{\mathrm{J}}\xspace$  Estimated amount between the detection limit and reporting limit

Table 9. Continued

		Borehole 🔿	E11-196	E11-196	E11-196	E11-196
No	a eti eta a para gerrana S	ample ID ⋺	S1	52	53	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

J: Estimated amount between the detection limit and reporting limit

Table 10. Comparison of Duplicate Sample Results in Primary Laboratory

Parameter	Analyte	Unit	Result: E	11-154-S1	Comp	are: Primary	vs. Dup
		Offic	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		
		Olit	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	en e	-	Agree
	Selenium	mg/kg	0.99 J	0.733 J	1.35	0.33-3.00	Agree

Table 10. Continued

Parameter	Analyte	Unit	Result: I	11-16 <b>7</b> -52	Com	pare: Primary	vs. Dup
rarameter	Allalyte	Unit	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	-	be .	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	_	<u>-</u>	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
Ī	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: I	11-178-S1	Com	pare: Primary	vs. Dup
ralametei	Allalyte	Uniii	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
Ī	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	-	by	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
Ī	Cadmium	mg/kg	0.965	1.01	0.96	0.50-2.00	Agree
ł	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		Unit	Result: E	11-178-S2	Comp	are: Primary \	/s. Dup
rarameter	Analyte	Unit	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: E	11-178-53	Comp	are: Primary	vs. Dup
		Unit	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
ОС-Р	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: E	11-178-S4	Com	pare: Primary	vs. Dup
raiailletei		Unit	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: E	11-181-S1	Com	pare: Primary s	rs. Dup
raiametei	Andlyte	Unit	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 ป	0.662 J	1.14	0.33-3.00	Agree

Parameter	Analyte	Unit	Result: E	11-181-S2	Comp	are: Primary	vs. Dup
ratameter	Analyte	Unit	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 Merc	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
	Sefenium	mg/kg	0.448 J	0.591 J	0.76	0.33-3.00	Agree

Table 10. Continued

Parameter	Analyte	Unit	Result: E	11-181-S3	Com	oare: Primary v	/s. Dup
raiailletei	Allalyte	Unit	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	<del></del>	-	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
İ	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

			Result:	11-186-S1	Comp	are: Primary	vs. Dun
Parameter	Analyte	Unit	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	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: E	11-186-S2	Comp	are: Primary	vs. Dup
rai ameter		Onit	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: F	11-186-S3	Comp	are: 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: E	11-188-S1	Com	oare: Primary	vs. Dup
		Unit	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: E	11-188-S2	Com	oare: Primary	vs. Dup
	SAnalyte	Unit	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
i	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: E	11-188-S3	Comp	are: Primary	vs. Dup
		Unit	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	Aġree
:	Selenium	mg/kg	0.576 J	< 2.11		_	Agree

Table 10. Continued

Parameter	Analyte	Unit	Result: E	11-188-54	Comp	are: Primary	vs. Dup
1 brameter			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:	11-186-S1	Com	pare: Primary	vs. QA
raiametei		UISIC	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	-	<u>.</u>	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: I	11-186-S2	Com	pare: Primary	vs. QA
rarameter		Omit	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	ر 2.9	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 iodìde	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: E	11-186-S3	Com	are: Primary	vs. QA
1 di difficici		Unit	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: E	11-188-S1	Com	oare: Primary	vs. QA
raianietei	S Date of the second	Unic	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-BI <del>I</del> C	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:	11-188-52	Com	pare: Primary	vs. QA
raranietei	Analyte	Unit	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
İ	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: E	11-188-53	Com	pare: Primary	vs. QA
i alametei		Oille	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	P	-	Agree

Parameter		Unit	Result: E	11-188 <b>-</b> S4	Com	oare: Primary	vs. QA
raiailletei	Analyte	Unit	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	ر 0.0067	1.03	0.33-3.00	Agree

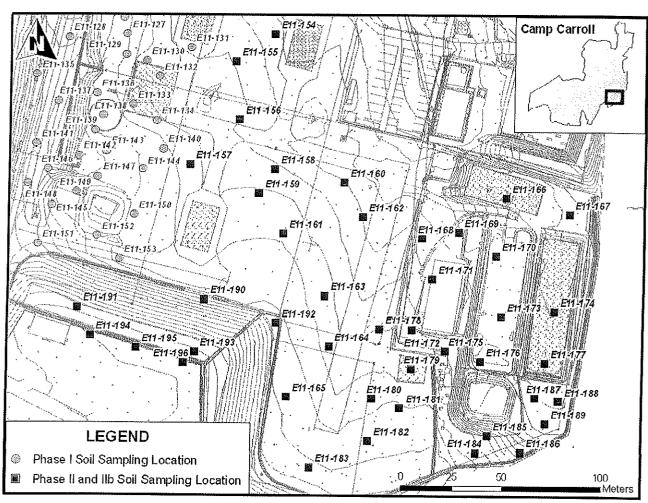


Figure 1. Borehole Locations at Phase II and IIb Sites

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

### **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

W 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 (0.03 0~0.046 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).

#### **Overview**

#### On-Site Investigation performed by NIER

- O Establishment of NIER Task Force: 22 specialists (June 3rd, 2011)
- O 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

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

## Ш

#### **Analytical Methods**

#### ☐ Herbicides (2,4-D, 2,4,5-T)

- O 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-d₁₀) was added to extracts (100 _{II}L) immediately prior to instrumental analysis with GC/MS above 1,000 resolution (SIM, 70 eV).
    - **X** SIM: Selective Ion Monitoring

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

- O Samples were analyzed in accordance with Korean Official Testing Method for Persistent Organic Pollutants (ES 10368.1).
  - After surrogate standards (15 ¹³C-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 ( $10 \sim 50 \ \mu L$ ) 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)

- O Samples were analyzed in accordance with Korean Official Testing Method for Persistent Organic Pollutants (ES 10903.1a).
  - After twenty five surrogate standards (¹³C-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 ( $100~\mu L$ ) immediately prior to instrumental analysis with HRGC/HRMS above 10,000 resolution (SIM, 36 eV).

# ☐ Volatile Organic Compounds (VOCs, 18 analytes)

- O Samples were analyzed in accordance with Korean Official Testing Method for Drinking Water (ES 05601 1a).
  - After internal standard (1,2-dichlorobenzene-d₄) 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)

- O Samples were analyzed in accordance with EPA Method 3510C and 8270D.
  - After five surrogate standards (Naphthalene-d₈, Acenaphthene-d₁₀, Chrysene-d₁₂, Phenanthrene-d₁₀, Perylene-d₁₂) 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  $\mu$ L) immediately prior to instrumental analysis with GC/MS above 1,000 resolution (SIM, 70 eV).

#### ☐ Total Petroleum Hydrocarbons (TPHs)

- O Samples were analyzed in accordance with Korean Official Testing Method for Water.
  - Each sample (500 mL) was extracted with dichloromethane.
  - Concentrated extracts (2,000  $\mu$ L) were cleaned up using silica gel and analyzed with GC/FID

* FID : Flame Ionization Detector

#### ☐ Metals including heavy metals (13 analytes)

- O 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.



#### **Summary of Results**

- ☐ Herbicides (2,4-D, 2,4,5-T)
- O Herbicides were not detected in all samples.
- ☐ Dioxins/Furans (17 types of 2,3,7,8-congeners)
- O Dioxins/furans were not detected in drinking water well samples
- O 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

		N	Monitoring Well					
Dioxins/Furans	MCL [*]	Helipad	Are	a D	LOQ			
		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)

O 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		Drinking Water Well										
resticites	water guideline	20-575	14-283	16-289	15-286	12-247	13-279	LOQ					
a-HCH	_	ND	4.9	ND	2.1	2.3	ND	0.5 ng/L					
β-НСН	-	ND	11.6	ND	7.5	5,9	ND	0.5 ng/L					
y-HCH(Lindane)	2000 ng/L	0.9	21.3	0.5	4,6	10.2	0.9	0.5 ng/L					
δ-НСН	-	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					

- O 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).

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

	OHW							M	onitori	ng W	ell							roo
Pesticides	drinking		Helipa	d					***		Area I	)						
KWW-34110-44110-44110-44110-44110-44110-44110-44110-44110-44110-44110-44110-44110-44110-44110-44110-44110-4411	water guideline	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	
α-НСН	-	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-НСН	-	NĐ	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/J
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 <b>-</b> НСН	-	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	ND	3,2	ND	ND	ND	ND	ND	ND	0.5 ng/L								
cis-Chlordane	(t+c-Chlorda ne)	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	0.8	ND	ND	ND	ND	ND	ND	0.5 ng/L								
2,4-DDE		ND	0.8	ND	ND	ND	ND	ИD	ND	0.5 ng/L								
4,4'-DDE		ND	4.3	ND	8.9	0.7	ND	ND	0,6	ND	ND	0.5 ng/L						
2,4-DDD	1000 - 4	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	1000 ng/L	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	עא	עא	0.5 ng/L
4,4'-DDT	Ì	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
entachlorobenzene		ND	3.3	ND	ND	1.9	1.7	ND	ND	ND	ND	0.5 ng/L						
a-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	0.7	ND	1,3	1.0	0.6	עא	0.5 ng/L							

* ND : not detected

#### ☐ Volatile Organic Compounds (VOCs, 18 analytes)

- O Seven compounds of VOCs were detected in six drinking water well samples.
  - TCE : Concentrations of five samples  $(0.038 \sim 0.090 \text{ mg/L})$  were higher than KDWS (0.03 mg/L).
  - PCE : Concentrations of two samples  $(0.030 \sim 0.046 \text{ mg/L})$  were higher than KDWS (0.01 mg/L).

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

	Korean		D		Water W			
VOCs	drinking water standard	20-575	14-283	16-289	15-286	12-247	13-279	LOQ
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)

- O Eleven compounds of VOCs were detected in sixteen monitoring well samples.
  - TCE : Concentrations of seven samples  $(0.077 \sim 0.743 \text{ mg/L})$  were higher than KDWS (0.03 mg/L).
  - PCE : Concentrations of twelve samples (0.025  $\sim$  0.497 mg/L) were higher than KDWS (0.01 mg/L).
  - cis-1,2-Dichlowethene: Concentrations of seven samples  $(0.076 \sim 1.346 \text{ mg/L})$  were higher than EPA MCL (0.07 mg/L).
  - * KDWS: Korean Drinking Water Standard

^{*} ND: not detected

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

	Korean							N	Ionito	ing W	/ell			***************************************				
VOCs	drinking		Helipa	d							Area	D						
VOCS	water standard	B09-170 MW	B09-177 MW	B09-178 MW	B09-22 MW	B03-46: MW	B07-21	9 B07-22 MW	B07-22 MW	B07-21 MW	7 B07-21 MW	8 B09-193 MW	B03-466 MW	803-467 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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.002	ND	ND	ND	0.001 mg/L
m-Xylene	(o+m+p -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	-Aylene)	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
as 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

^{* &#}x27;EPA drinking water MCL (Maximum Contaminant Level)

* ND: not detected

- 8 -

4398

Polycyclic Aron	natic Hydrod	carbons (PA	AHs, 15	analytes)
O PAHs were not	detected in	all the grou	ındwater	samples.
☐ Total Petroleum	Hydrocarbo	ons (TPHs)		
O TPHs were not	detected in	all the grou	ndwater	samples

#### ☐ Metals including heavy metals (13 analytes)

- O Seven compounds of metals were detected in six drinking water well samples.
  - Fe : Concentrations of four samples  $(1.45 \sim 2.35 \text{ mg/L})$  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  $(0.01 \sim 0.063 \text{ mg/L})$  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

	Korean		Drinking Water Well											
Metals	drinking water standard	20-575	14-283	16-289	15-286	12-247	13-279	LOQ						
A1	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						
В	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

4399

- O 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  $(0.101 \sim 6.457 \text{ mg/L})$  were higher than KDWS (0.05 mg/L).

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

	Korean		Monitoring Well																	
76.46.4.31.	diplina	1	lelipa	ıd		Area D														
Metals	water standard	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	LOQ		
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		
В	l 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 <b>mg/L</b>	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