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Table 10. Continued

Parameter	Analyte	unit	Result: E11-121-S2		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	0.287 J	< 2.68	-	-	Agree
	2,3,7,8-TCDF	pg/g	0.246 J	0.325 J	0.76	0.33-3.00	Agree
	OCDD	pg/g	15.9	19.7	0.81	0.25-4.00	Agree
OC Pesticide	gamma-BHC (Lindane)	µg/kg	2.2 J	2.74 J	0.80	0.33-3.00	Agree
VOC	2-Butanone	µg/kg	2.21 J	5.16 J	0.43	0.33-3.00	Agree
	Acetone	µg/kg	12.2 J	28.3 J	0.43	0.33-3.00	Agree
	Methyl iodide	µg/kg	< 4.75	0.828 J	-	-	Agree
	Methylene chloride	µg/kg	1.05 J	1.47 J	0.71	0.33-3.00	Agree
	Tetrachloroethene	µg/kg	4.28 J	2.55 J	1.68	0.33-3.00	Agree
SVOC	Bis(2-Ethylhexyl)phthalate	µg/kg	30.7 J	< 342	-	-	Agree
Metal	Arsenic	mg/kg	4.83	6.31	0.77	0.50-2.00	Agree
	Barium	mg/kg	409	941	0.43	0.50-2.00	**Disagree**
	Cadmium	mg/kg	0.847	0.902	0.94	0.50-2.00	Agree
	Chromium	mg/kg	4.17	5.36	0.78	0.50-2.00	Agree
	Lead	mg/kg	9.37	9.65	0.97	0.50-2.00	Agree
	Mercury	mg/kg	0.00109 J	< 0.0198	-	-	Agree
	Selenium	mg/kg	1.35 J	1.85	0.73	0.33-3.00	Agree
	Silver	mg/kg	0.509 J	0.853 J	0.60	0.33-3.00	Agree

Parameter	Analyte	unit	Result: E11-133-S2		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	0.305 J	0.217 J	1.41	0.33-3.00	Agree
	2,3,7,8-TCDF	pg/g	0.28 J	0.235 J	1.19	0.33-3.00	Agree
	OCDD	pg/g	19.7	7.14	2.76	0.25-4.00	Agree
OC Pesticide	4,4'-DDT	µg/kg	< 10.2	2.99 J	-	-	Agree
VOC	Acetone	µg/kg	12.3 J	9.08 J	1.35	0.33-3.00	Agree
	Methylene chloride	µg/kg	1.68 J	1.3 J	1.29	0.33-3.00	Agree
	Toluene	µg/kg	< 4.83	1.29 J	-	-	Agree
Metal	Arsenic	mg/kg	5.52	4.18	1.32	0.50-2.00	Agree
	Barium	mg/kg	134	92.8	1.44	0.50-2.00	Agree
	Cadmium	mg/kg	0.776	0.591	1.31	0.50-2.00	Agree
	Chromium	mg/kg	3.98	3.95	1.01	0.50-2.00	Agree
	Lead	mg/kg	10.2	7.75	1.32	0.50-2.00	Agree
	Silver	mg/kg	0.35 J	0.153 J	2.29	0.33-3.00	Agree

Table 10. Continued

Parameter	Analyte	unit	Result: E11-128-S2		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	2,3,7,8-TCDF	pg/g	0.253 J	0.307 J	0.82	0.33-3.00	Agree
	OCDD	pg/g	2 J	1.63 J	1.23	0.33-3.00	Agree
OC Pesticide	4,4'-DDT	µg/kg	1.45 J	1.29 J	1.12	0.33-3.00	Agree
VOC	Acetone	µg/kg	< 41	10.4 J	-	-	Agree
	Methylene chloride	µg/kg	1.42 J	2.08 J	0.68	0.33-3.00	Agree
Metal	Arsenic	mg/kg	2.59	3.09	0.84	0.50-2.00	Agree
	Barium	mg/kg	96.9	66.2	1.46	0.50-2.00	Agree
	Cadmium	mg/kg	0.861	0.637	1.35	0.50-2.00	Agree
	Chromium	mg/kg	2.93	2.33	1.26	0.50-2.00	Agree
	Lead	mg/kg	15.9	10.5	1.51	0.50-2.00	Agree

Parameter	Analyte	unit	Result: E11-147-S2		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	< 2.62	0.277 J	-	-	Agree
	2,3,4,7,8-PeCDF	pg/g	< 2.62	0.0745 J	-	-	Agree
	2,3,7,8-TCDF	pg/g	0.211 J	0.158 J	1.34	0.33-3.00	Agree
	OCDD	pg/g	4.37 J	5.97	0.73	0.33-3.00	Agree
VOC	Acetone	µg/kg	12.8 J	8.05 J	1.59	0.33-3.00	Agree
	Methylene chloride	µg/kg	1.72 J	< 19	-	-	Agree
	Toluene	µg/kg	0.89 J	0.943 J	0.94	0.33-3.00	Agree
SVOC	Bis(2-Ethylhexyl)phthalate	µg/kg	91.7 J	53 J	1.73	0.33-3.00	Agree
Metal	Arsenic	mg/kg	1.22	0.829 J	1.47	0.33-3.00	Agree
	Barium	mg/kg	65.6	61.7	1.06	0.50-2.00	Agree
	Cadmium	mg/kg	0.699	0.598	1.17	0.50-2.00	Agree
	Chromium	mg/kg	3.86	3.66	1.05	0.50-2.00	Agree
	Lead	mg/kg	4.09	3.33	1.23	0.50-2.00	Agree
	Selenium	mg/kg	< 1.96	0.46 J	-	-	Agree

Parameter	Analyte	unit	Result: E11-123-S3		Compare: Primary vs. Dup		
			Primary	Primary Dup	Ratio	Criteria	Evaluation
Dioxin	1,2,3,7,8-PeCDF	pg/g	< 2.64	0.13 J	-	-	Agree
	2,3,7,8-TCDD	pg/g	0.11 J	< 0.506	-	-	Agree
	2,3,7,8-TCDF	pg/g	0.381 J	0.269 J	1.42	0.33-3.00	Agree
	OCDD	pg/g	3.14 J	2.98 J	1.05	0.33-3.00	Agree
VOCs	Acetone	µg/kg	10 J	< 43.5	-	-	Agree
	Methylene chloride	µg/kg	1.22 J	0.862 J	1.42	0.33-3.00	Agree
Metals	Arsenic	mg/kg	4.12	2.96	1.39	0.50-2.00	Agree
	Barium	mg/kg	107	86.1	1.24	0.50-2.00	Agree
	Cadmium	mg/kg	0.389 J	<0.516	-	-	Agree
	Chromium	mg/kg	1.83	1.57	1.17	0.50-2.00	Agree
	Lead	mg/kg	7.72	4.7	1.64	0.50-2.00	Agree

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

Parameter	Analyte	Unit	Result: E11-120-S2		Compare: Primary vs. QA		
			Primary	QA	Ratio	Criteria	Evaluation
Dioxin	1,2,3,4,6,7,8-HpCDD	pg/g	0.315 J	<5.3	-	-	Agree
	1,2,3,4,6,7,8-HpCDF	pg/g	0.27 J	<5.3	-	-	Agree
	1,2,3,4,7,8-HxCDF	pg/g	0.104 J	<5.3	-	-	Agree
	1,2,3,6,7,8-HxCDF	pg/g	0.107 J	<5.3	-	-	Agree
	1,2,3,7,8,9-HxCDF	pg/g	0.182 J	<5.3	-	-	Agree
	1,2,3,7,8-PeCDD	pg/g	0.107 J	<5.3	-	-	Agree
	1,2,3,7,8-PeCDF	pg/g	0.136 J	<5.3	-	-	Agree
	2,3,4,7,8-PeCDF	pg/g	0.0882 J	<5.3	-	-	Agree
	2,3,7,8-TCDF	pg/g	0.336 J	0.45 J	0.75	0.33-3.00	Agree
	OCDD	pg/g	5.14	8.2 J	0.63	0.33-3.00	Agree
	OCDF	pg/g	0.784 J	<11	-	-	Agree
OC-P	Endosulfan I	µg/kg	0.531 J	<11	-	-	Agree
VOC	2-Butanone	µg/kg	1.96 J	<8.61	-	-	Agree
	Acetone	µg/kg	8.75 J	15.071 J	0.58	0.33-3.00	Agree
	Methylene chloride	µg/kg	1.07 J	<17.2	-	-	Agree
	Toluene	µg/kg	<4.39	3.337 J	-	-	Agree
Metal	Arsenic	mg/kg	0.937 J	<43	-	-	Agree
	Barium	mg/kg	76.3	90	0.85	0.50-2.00	Agree
	Cadmium	mg/kg	<0.499	1.3 J	0.38	0.33-3.00	Agree
	Chromium	mg/kg	2.28	2.3 J	0.99	0.33-3.00	Agree
	Lead	mg/kg	13.4	17	0.79	0.50-2.00	Agree
	Mercury	mg/kg	<0.0204	0.0039 J	-	-	Agree

Parameter	Analyte	Unit	Result: E11-123-S3		Compare: Primary vs. QA		
			Primary	QA	Ratio	Criteria	Evaluation
Dioxin	2,3,7,8-TCDD	pg/g	0.11 J	<1.1	-	-	Agree
	2,3,7,8-TCDF	pg/g	0.381 J	0.37 J	1.03	0.33-3.00	Agree
	OCDD	pg/g	3.14 J	<11	-	-	Agree
VOC	Acetone	µg/kg	10 J	15.248 J	0.66	0.33-3.00	Agree
	Methylene chloride	µg/kg	1.22 J	<19.6	-	-	Agree
Metal	Arsenic	mg/kg	4.12	<42	-	-	Agree
	Barium	mg/kg	107	110	0.97	0.50-2.00	Agree
	Cadmium	mg/kg	0.389 J	1.4 J	0.28	0.33-3.00	**Disagree**
	Chromium	mg/kg	1.83	1.7 J	1.08	0.33-3.00	Agree
	Lead	mg/kg	7.72	9.3 J	0.83	0.33-3.00	Agree
	Mercury	mg/kg	<0.0203	0.0036 J	-	-	Agree
	Silver	mg/kg	0.443 J	<2.1	-	-	Agree

Table 11. Continued

Parameter	Analyte	Unit	Result: E11-136-S2		Compare: Primary vs. QA		
			Primary	QA	Ratio	Criteria	Evaluation
Dioxin	2,3,4,7,8-PeCDF	pg/g	0.0641	<5.3	-	-	Agree
	2,3,7,8-TCDF	pg/g	0.2	0.4	0.50	0.33-3.00	Agree
	OCDD	pg/g	2.4	6.3	0.38	0.33-3.00	Agree
VOC	Acetone	µg/kg	<45.1	10.684	-	-	Agree
	Methylene chloride	µg/kg	1.1	<18.5	-	-	Agree
Metal	Arsenic	mg/kg	2.24	<42	-	-	Agree
	Barium	mg/kg	98.5	83	1.19	0.50-2.00	Agree
	Cadmium	mg/kg	0.453	1.4	0.32	0.50-2.00	**Disagree**
	Chromium	mg/kg	3.76	4.1	0.92	0.50-2.00	Agree
	Lead	mg/kg	7.1	8.5	0.84	0.50-2.00	Agree
	Mercury	mg/kg	<0.0179	0.004	-	-	Agree

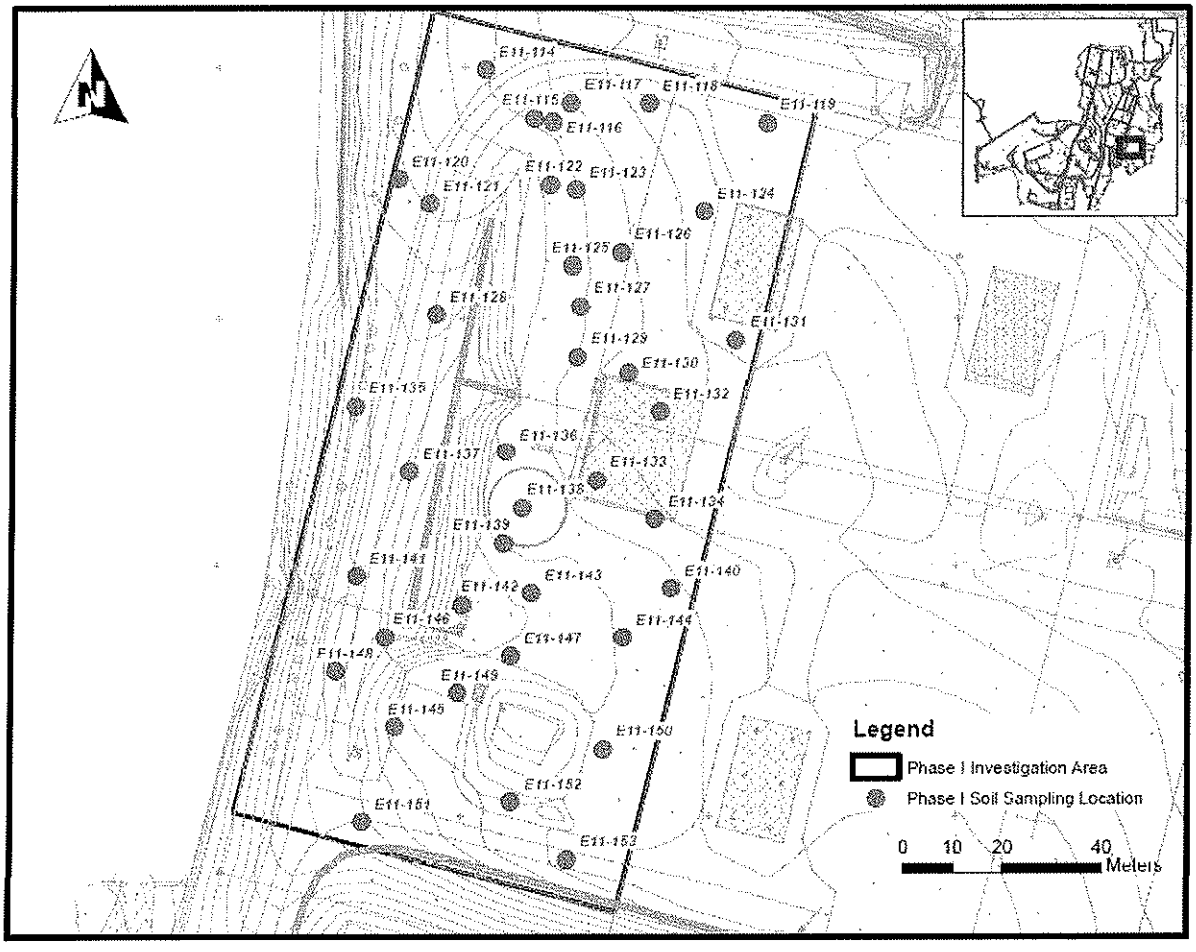

Figure 1. Phase I (Helipad) Site Borehole Locations

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APPENDIX VII. REPORT FOR PHASE 2/2B SOIL SAMPLE TEST RESULT

3306

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, FAR EAST DISTRICT
Unit #15546
APO AP 96205-5546

REPLY TO ATTENTION OF:

CEPOF-ED-G

SEP 19 2011

MEMORANDUM FOR USFK Assistant Chief of Staff, Engineers, ATTN: Colonel Joseph F. Birchmeier, UNIT #15237, APO AP 96205-5237

SUBJECT: Final Test Results of Phase II and IIb Soil Samples, Cp Carroll, Korea (G&E 11-032E/E2011-62)

1. Enclosed are final test results for soil samples collected at Phase II and IIb Sites, Cp Carroll. Soil sampling was conducted from 5 Aug to 13 Aug 2011 and a total of 154 samples were collected from 43 boreholes by the Geotechnical and Environmental Engineering Branch, US Army Corps of Engineers, Far East District (FED). The locations of boreholes are shown in Figure 1 and sample information, with sampling depth, is provided in Table 1.

2. The samples were tested by SGS North America located in Wilmington, NC, according to US EPA SW-846 Methods. The analytical parameters tested were dioxins and furans, chlorinated herbicides, organochlorine (OC) pesticides, organophosphorus (OP) pesticides, volatile organic compounds (VOC), semivolatile organic compounds (SVOC), and RCRA (Resource Conservation and Recovery Act) metals. Seven (7) samples were tested by the US Army Public Health Command as duplicate analyses for quality assurance purposes. A total of 204 analytes were tested for each soil sample. Table 2 provides test method information for each analytical parameter.

3. Laboratory Findings

Summaries of test results for each analytical parameter are provided in Tables 3 through 9. The highlighted numbers indicate detections of contaminants. The summary tables presented in this memorandum indicate those parameters which were detected above the reporting limit or, at least, estimated to be above its detection limit. *The full laboratory reports are provided on compact disk (CD).*

a. Dioxin and Furan: Of particular interest for the dioxins and furans is the dioxin commonly associated with Agent Orange - 2,3,7,8-TCDD. Three samples have concentrations of 2,3,7,8-TCDD at levels greater than reporting limits. The locations, concentrations, and sample depths (meters below ground surface) were as follows:

• E11-171-S3	7.44 pg/g	2.0 to 6.5 m
• E11-181-S1	0.57 pg/g	0.0 to 0.5 m
• E11-184-S1	0.502 pg/g	0.0 to 0.5 m

The result for E11-184-S1 was EMPC-flagged (estimated maximum possible concentration). This means the result was calculated from a signal which did not meet the mass spectrum quality criteria, but was estimated as the maximum possible concentration under the assumption the signal is only originated from the analyte.

An additional 26 samples had detected concentrations of 2,3,7,8-TCDD that were reported at concentration levels between the detection limit and reporting limits. The concentrations ranged between 0.0683 ~ 0.317 pg/g. These values were flagged "J EMPC" during data validation.

Other dioxin and furan compounds were frequently detected in the collected samples. The most frequently detected dioxins and furans were OCDD (151 of 154 samples); 1,2,3,4,6,7,8-HpCDD (128 of 154 samples); 1,2,3,4,6,7,8-HpCDF (75 of 154 samples); and OCDF (61 of 154 samples). The maximum concentrations, locations, and sample depths (meters below ground surface) of these dioxins and furans were:

• OCDD	1,960 pg/g	E11-195-S3	2.0 to 5.0 m
• 1,2,3,4,6,7,8-HpCDD	76.9 pg/g	E11-170-S2	0.5 to 2.0 m
• 1,2,3,4,6,7,8-HpCDF	19.7 pg/g	E11-178-S1	0.0 to 0.5 m
• OCDF	41.1 pg/g	E11-173-S1	0.0 to 0.5 m

Calculated toxic equivalent (TEQ) values for detected dioxins and furans (EMPC included) ranged from 0.00 to 10.09 pg/g based on 2005 World Health Organization (WHO) evaluation. The maximum TEQ was calculated for sample E11-171-S3 (2.0 to 6.5 m bgs).

b. Chlorinated Herbicide: No chlorinated herbicides were detected in any of the collected samples. Agent Orange-related chemicals in chlorinated herbicides are 2,4-dichlorophenoxyacetic acid (2,4-D) and 2,4,5-trichlorophenoxyacetic acid (2,4,5-T). The reporting limits of Agent Orange constituents ranged from 0.0152 to 0.0193 mg/kg for both of 2,4-D and 2,4,5-T.

c. OC-Pesticide: Several OC-Pesticides were detected in the collected samples. The OC-Pesticides most frequently detected were 4,4'-DDD (107 out of 154 samples), 4,4'-DDE (103 out of 154 samples), 4,4'-DDT (117 out of 154 samples), gamma-BHC (Lindane) (45 out of 154 samples), dieldrin (30 out of 154 samples), beta-BHC (29 out of 154 samples), alpha-chlordane (28 out of 154 samples), and gamma-chlordane (27 out of 154 samples). The maximum concentration and location for each of these OC-Pesticides are as follows:

• 4,4'-DDD	13,500 µg/kg	E11-179-S1	0.0 to 0.5 m
• 4,4'-DDE	2,830 µg/kg	E11-170-S1	0.0 to 0.5 m
• 4,4'-DDT	70,200 µg/kg	E11-179-S1	0.0 to 0.5 m
• gamma-BHC (Lindane)	13,900 µg/kg	E11-174-S1	0.3 to 0.8 m
• dieldrin	336 µg/kg	E11-178-S1	0.0 to 0.5 m
• beta-BHC	112 µg/kg	E11-174-S1	0.3 to 0.8 m

• alpha-chlordane	78.7 µg/kg	E11-171-S2	0.5 to 2.0 m
• gamma-chlordane	93 µg/kg	E11-171-S2	0.5 to 2.0 m

d. OP-Pesticide: No OP-pesticides were detected in any of the collected samples.

e. VOC: A number of VOCs were detected in the collected samples. The VOCs that were detected most frequently are acetone (76 of 154 samples), tetrachloroethene (63 of 154 samples), 2-butanone (57 of 154 samples), methyl iodide (33 of 154 samples), toluene (32 of 154 samples), methylene chloride (31 of 154 samples), trichloroethene (31 of 154 samples), and cis-1,2-dichloroethene (31 of 154 samples). The maximum concentration and location for each of these VOCs are as follows:

• Acetone	108 µg/kg	E11-193-S1	0.0 to 0.5 m
• tetrachloroethene	32,300 µg/kg	E11-179-S1	0.0 to 0.5 m
• 2-butanone	28 µg/kg	E11-180-S1	0.0 to 0.5 m
• methyl iodide	7.92 µg/kg	E11-180-S1	0.0 to 0.5 m
• toluene	21,300 µg/kg	E11-180-S4	5.0 to 10.0 m
• methylene chloride	38.2 µg/kg	E11-164-S4	5.0 to 11.0 m
• trichloroethene	587 µg/kg	E11-176-S4	5.0 to 10.0 m
• cis-1,2-dichloroethene	558 µg/kg	E11-170-S3	2.0 to 5.0 m

f. SVOC: The most common SVOC analyte detected in Phase II and IIb samples was bis(2-ethylhexyl)phthalate. It was detected in 35 of the 154 samples, but 33 of those detected values are estimated and J-flagged because they were less than the reporting limit. Forty-four (44) other SVOCs were detected in the soil samples. Theses detections were often in only one or two samples at levels less than the reporting limit. Indeed, one sample (E11-160 at a depth of 2 to 3.4 meters below ground surface) accounts for 44 of the detected SVOCs found in the soil samples collected during Phase II and IIb.

g. Metals: Arsenic, barium, chromium, and lead were detected in all 154 samples. Mercury, selenium, and cadmium were also detected in a significant number of samples collected during Phase II and IIb. Silver was only detected in four of the 154 collected samples. The maximum concentration and location for each of the most frequently detected metals are as follows:

• Arsenic	308 mg/kg	E11-155-S1	0.0 to 0.5 m
• Barium	143 mg/kg	E11-191-S3	2.0 to 5.0 m
• Chromium	19.6 mg/kg	E11-173-S2	0.5 to 2.0 m
• Lead	34.7 mg/kg	E11-190-S3	2.0 to 5.0 m

4. Quality Control and Quality Assurance

a. Data Validation

CEPOF-ED-G
SUBJECT: Final Test Results of Phase II and IIb Soil Samples, Cp Carroll, Korea (G&E 11-032E/E2011-62)

Chemical data validation was conducted by Laboratory Data Consultants, Inc. located in Carlsbad, CA. The data was evaluated in accordance with US Department of Defense Quality System Manual (DoD QSM) for Environmental Laboratories, National Functional Guidelines for Chlorinated Dibenzo-p-Dioxins and Chlorinated Dibenzofurans Data Review (OSWER 9240.1-51), National Functional Guidelines for Superfund Organic Methods Data Review (OSWER 9240.1-48), and National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51). *Full data validation reports are included on compact disk (CD).*

(1) Sample Preservation: All samples must be refrigerated at 4 ± 2°C. The chain-of-custodies were reviewed for temperature upon time of receipt. In one sample delivery group (SDG 31102153) out of a total of six, the temperature blanks were reported at 11 °C, 9 °C, 8.1 °C upon receipt by the laboratory but cooler temperatures in this SDG were reported at 2 °C, 3 °C, 4.4 °C upon receipt by the laboratory. The temperature discrepancies in temperature blanks should not affect the results of analyses.

(2) Holding Times: The maximum allowable holding time between sample collection and sample preparation or sample preparation and sample analysis depends on the analyte. All soil samples met holding time criteria; the 14 day analysis holding time for VOC, the 28 day analysis holding time for mercury, the 180 day analysis holding time for all other metals, the 30 day extraction and 45 day analysis holding time for dioxins/furans, the 14-day extraction and 40 day analysis holding time for SVOC, pesticides, and herbicides. There was no holding time discrepancy.

(3) Quality Control Samples: The validation report evaluated the performance of QC samples such as blanks, laboratory control samples, matrix spike/matrix spike duplicates, and surrogate spikes. Method blanks were performed at the required frequencies. VOCs, OC-pesticides, metals, and dioxin/furans were detected in several method blanks. Method blank contamination resulted in flagging of field sample results as "not detected" depending on level of detection in these sample groups. Thirteen (13) trip blanks were collected and analyzed for VOC to identify possible contamination originating from storage, shipping, site conditions, and laboratory handling. Several VOCs were detected in the trip blanks at low levels. As a result of trip blank contamination, field samples were qualified as "not detected" depending on level of detection in corresponding sample groups.

Surrogates were added to all samples and blanks as required. The laboratory control samples, and matrix spike/matrix spike duplicates were performed at the required frequencies. All recoveries of surrogates, laboratory control samples, and matrix spike/matrix spike duplicates were within acceptance limits with a few exceptions. Relative percent recoveries between matrix spike and matrix spike duplicates were within acceptance limits with several exceptions. At the base of quality control issues of exceeding acceptance limits, the validation report includes identification of reported results which need to be qualified (flagged) and the reasons for the flags. During data validation, a total of fifteen data were qualified as rejected due to severely

low recoveries in matrix spike/matrix spike duplicates. The rejected data were identified with the flag "R"; 3 results in chlorinated herbicides, 3 results in OC-pesticides, 7 results in OP-pesticides, and 2 results in VOCs.

(4) Summary: Laboratory data packages were evaluated for preservation, holding times, blanks, surrogate spikes, laboratory control samples, and matrix spike/matrix spike duplicates. The evaluation for these parameters is considered to be a "Level 2a" Data Validation. The difference between Level 2a and 2b is that 2a validation does not review calibrations, while 2b does. The overall data validation showed that the data is generally of acceptable quality with some results for specific analytes being rejected or qualified as estimated/not detected.

b. Duplicate Sample Results

Field samples were collected as duplicates and used for performance evaluation and QA purposes. Duplicate sample results were evaluated based on EM 200-1-6 titled Chemical Quality Assurance for Hazardous, Toxic and Radioactive Waste Projects. The document identifies the criteria for comparing field QC and QA sample data. Based on those criteria, the concentration ratio between primary and duplicate samples should be within designated limits to be evaluated as "agreement" with each other. The acceptance criteria are as follows:

$0.33 \leq$ Ratio ≤ 3.00 when one result is less than reporting limit
$0.50 \leq$ Ratio ≤ 2.00 for metal
$0.20 \leq$ Ratio ≤ 5.00 for VOC
$0.25 \leq$ Ratio ≤ 4.00 for Dioxin, Herbicide, Pesticide, and SVOC

(1) Duplicate Samples in Primary Laboratory: Seventeen (17) sets of duplicate samples were provided to the primary laboratory for blind duplicate analyses (primary and primary dup). Table 10 shows the results of samples to be compared and outcome of evaluation determining whether the ratio is within "agreement" criteria or not. The table lists the analytes having at least one quantified (detected) result. Other analytes which are not included in the table had results "not detected" at both of the primary and primary dup samples, and they are considered as in "agreement" each other. Out of 17 sets of samples and 3468 analytes (204 analytes/sample), 14 analytes showed "disagreement" between duplicate samples analyzed in the primary laboratory.

(2) Duplicate Samples between Primary and QA laboratories: Seven (7) sets of duplicate samples were analyzed and compared between primary and QA laboratories. Comparison of the results and performance evaluation are provided in Table 11. The analytes that were not detected in both samples were omitted in this table. Out of 7 sets of samples and 1428 analytes, 7 analytes showed "disagreement" as a result of the comparison of data between two different laboratories.

(3) The possible reason for the duplicate disagreement is considered to be due to non-homogeneity of the soil samples. Soil samples are homogenized when they are collected in two

different containers at the site and also the laboratories homogenize soil samples prior to analyses. But there can be "hot spots" in a container that go into the sample aliquot and cause disparity between the results. Reported results having values between the detection limits and reporting limits (J-flagged) are estimated amount and will have a much higher degree of variability and uncertainty in measurement. Many of the disagreements involved data with J-flags: disagreement on 10 of 14 duplicate samples between primary and primary dup, disagreement on 3 of 7 in duplicate samples between primary and QA laboratories. The overall data comparison showed pretty good performance and assured the quality of analyses.

5. The POC for this matter is Ms. [redacted] at [redacted] b6 b6

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Encl

Chief, Geotechnical and Environmental Engineering Branch

Tables and Figures

- Final Test Results of Phase II & IIb Soil Samples, Cp Carroll -

Table 1. Soil Sample Information for Phase II and IIb

Borehole	Sample ID	Depth (m)	Borehole	Sample ID	Depth (m)	Borehole	Sample ID	Depth (m)	Borehole	Sample ID	Depth (m)	Borehole	Sample ID	Depth (m)
E11-154	S1	0.0-0.5	E11-164	S1	0.0-0.5	E11-173	S4	5.0-10.0	E11-181	S3	2.0-5.0	E11-189	S3	2.0-5.0
E11-154	S2	0.5-2.3	E11-164	S2	0.5-2.0	E11-174	S1	0.3-0.8	E11-182	S1	0.0-0.5	E11-189	S4	5.0-10.0
E11-155	S1	0.0-0.5	E11-164	S3	2.0-5.0	E11-174	S2	0.8-2.3	E11-182	S2	0.5-2.0	E11-190	S1	0.0-0.5
E11-155	S2	0.5-1.8	E11-164	S4	5.0-11.0	E11-174	S3	2.3-5.3	E11-182	S3	2.0-5.0	E11-190	S2	0.5-2.0
E11-156	S1	0.0-0.5	E11-165	S1	0.0-0.5	E11-174	S4	5.3-8.9	E11-182	S4	5.0-10.0	E11-190	S3	2.0-5.0
E11-156	S2	0.5-2.0	E11-165	S2	0.5-2.0	E11-175	S1	0.0-0.5	E11-183	S1	0.0-0.5	E11-190	S4	5.0-10.0
E11-156	S3	2.0-6.45	E11-165	S3	2.0-5.0	E11-175	S2	0.5-2.0	E11-183	S2	0.5-2.0	E11-191	S1	0.0-0.5
E11-157	S1	0.0-0.5	E11-165	S4	5.0-10.0	E11-175	S3	2.0-5.0	E11-183	S3	2.0-5.0	E11-191	S2	0.5-2.0
E11-157	S2	0.5-2.0	E11-166	S1	0.3-0.8	E11-175	S4	5.0-7.25	E11-183	S4	5.0-10.0	E11-191	S3	2.0-5.0
E11-157	S3	2.0-4.5	E11-166	S2	0.8-2.7	E11-176	S1	0.0-0.5	E11-184	S1	0.0-0.5	E11-191	S4	5.0-7.7
E11-158	S1	0.0-0.5	E11-167	S1	0.0-0.5	E11-176	S2	0.5-2.0	E11-184	S2	0.5-2.0	E11-192	S1	0.0-0.5
E11-158	S2	0.5-2.0	E11-167	S2	0.5-2.0	E11-176	S3	2.0-5.0	E11-184	S3	2.0-5.0	E11-192	S2	0.5-2.0
E11-158	S3	2.0-5.0	E11-167	S3	2.0-5.5	E11-176	S4	5.0-10.0	E11-184	S4	5.0-8.75	E11-192	S3	2.0-5.0
E11-158	S4	5.0-8.5	E11-168	S1	0.0-0.5	E11-177	S1	0.4-0.9	E11-185	S1	0.0-0.5	E11-192	S4	5.0-10.0
E11-159	S1	0.0-0.5	E11-168	S2	0.5-3.0	E11-177	S2	0.9-2.4	E11-185	S2	0.5-2.0	E11-193	S1	0.0-0.5
E11-159	S2	0.5-2.0	E11-169	S1	0.0-0.5	E11-177	S3	2.4-5.4	E11-185	S3	2.0-5.0	E11-193	S2	0.5-2.0
E11-159	S3	2.0-5.0	E11-169	S2	0.5-1.8	E11-177	S4	5.4-9.0	E11-185	S4	5.0-8.8	E11-193	S3	2.0-5.0
E11-159	S4	5.0-10.0	E11-170	S1	0.0-0.5	E11-178	S1	0.0-0.5	E11-186	S1	0.0-0.5	E11-193	S4	5.0-8.6
E11-160	S1	0.0-0.5	E11-170	S2	0.5-2.0	E11-178	S2	0.5-2.0	E11-186	S2	0.5-2.0	E11-194	S1	0.3-0.8
E11-160	S2	0.5-2.0	E11-170	S3	2.0-5.0	E11-178	S3	2.0-5.0	E11-186	S3	2.0-5.0	E11-194	S2	0.8-2.0
E11-160	S3	2.0-3.4	E11-170	S4	5.0-7.5	E11-178	S4	5.0-10.0	E11-186	S4	5.0-8.0	E11-194	S3	2.0-5.0
E11-161	S1	0.0-0.5	E11-171	S1	0.0-0.5	E11-179	S1	0.0-0.5	E11-187	S1	0.0-0.5	E11-194	S4	5.0-10.0
E11-161	S2	0.5-2.0	E11-171	S2	0.5-2.0	E11-179	S2	0.5-2.0	E11-187	S2	0.5-2.0	E11-195	S1	0.3-0.8
E11-161	S3	2.0-5.0	E11-171	S3	2.0-6.5	E11-179	S3	2.0-5.0	E11-187	S3	2.0-5.0	E11-195	S2	0.8-2.0
E11-161	S4	5.0-7.9	E11-172	S1	0.0-0.5	E11-179	S4	5.0-10.0	E11-187	S4	5.0-10.0	E11-195	S3	2.0-5.0
E11-162	S1	0.0-0.5	E11-172	S2	0.5-2.0	E11-180	S1	0.0-0.5	E11-188	S1	0.0-0.5	E11-195	S4	5.0-10.0
E11 162	S2	0.5-1.52	E11-172	S3	2.0-5.0	E11-180	S2	0.5-2.0	E11-188	S2	0.5-2.0	E11-196	S1	0.3-0.8
E11-163	S1	0.0-0.5	E11-172	S4	5.0-8.7	E11-180	S3	2.0-5.0	E11-188	S3	2.0-5.0	E11-196	S2	0.8-2.3
E11-163	S2	0.5-2.0	E11-173	S1	0.0-0.5	E11-180	S4	5.0-10.0	E11-188	S4	5.0-9.6	E11-196	S3	2.3-5.3
E11-163	S3	2.0-5.0	E11-173	S2	0.5-2.0	E11-181	S1	0.0-0.5	E11-189	S1	0.0-0.5	E11-196	S4	5.3-10.3
E11-163	S4	5.0-10.0	E11-173	S3	2.0-5.0	E11-181	S2	0.5-2.0	E11-189	S2	0.5-2.0			

Table 2. Soil Test Methods Used in Phase II and IIb

Parameter	Number of Analytes	Method: Preparation / Analysis	Description
Dioxins and furans	17	3540C	Soxhlet Extraction
		8290A	High-resolution Gas Chromatography/High Resolution Mass Spectrometry (HRGC/HRMS)
Chlorinated herbicides	5	3541	Automated Soxhlet Extraction
		8151A	GC-MS Using Methylation Derivatization
OC pesticides	21	3550C	Ultrasonic Extraction
		8270D	GC/MS
OP pesticides	27	3546	Microwave Extraction
		8141B	GC-Flame Photometric Detector
VOCs	67	5035	Closed System Purge and Trap
		8260B	GC/MS
SVOCs	59	3541	Automated Soxhlet Extraction
		8270D	GC/MS
RCRA Metals (total)	8	3050B	Acid Digestion
		6010C	Inductively Coupled Plasma-Atomic Emission Spectrometry
		7471B mercury	Cold Vapor Technique

Table 3. Summary of Dioxin/Furan Results for Phase II and IIb Soil Samples

No		Borehole →	E11-154	E11-154	E11-155	E11-155	E11-156	E11-156	E11-156	E11-157	E11-157	E11-157
		Sample ID →	S1	S2	S1	S2	S1	S2	S3	S1	S2	S3
	Analyte↓	Depth, m →	0.0~0.5	~2.3	0.0~0.5	~1.8	0.0~0.5	~2.0	~6.45	0.0~0.5	~2.0	~4.5
1	2,3,7,8-TCDD	pg/g	ND	ND	ND	ND	ND	0.085 J EMPC	ND	ND	ND	ND
2	1,2,3,7,8-PeCDD	pg/g	0.154 J	ND	ND	0.109 J EMPC	ND	ND	ND	ND	ND	ND
3	1,2,3,4,7,8-HxCDD	pg/g	0.247 J	ND	ND	0.087 J	ND	ND	0.175 J EMPC	ND	ND	ND
4	1,2,3,6,7,8-HxCDD	pg/g	0.175 J EMPC	ND	ND	0.12 J EMPC	ND	ND	ND	ND	ND	ND
5	1,2,3,7,8,9-HxCDD	pg/g	0.354 J	ND	ND	0.144 J EMPC	ND	0.222 J	0.43 J	ND	ND	ND
6	1,2,3,4,6,7,8-HpCDD	pg/g	1.04 J EMPC	0.429 J	0.877 J	0.945 J EMPC	0.529 J	3.27	12.8	0.791 J	1.21 J EMPC	0.3 J EMPC
7	OCDD	pg/g	24.2	16.3	14.2	36.4	19.3	32.8	523	48.7	89.7	13.4
8	2,3,7,8-TCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	1,2,3,7,8-PeCDF	pg/g	0.226 J	ND	0.157 J	0.141 J	ND	0.277 J EMPC	ND	ND	ND	0.042 J EMPC
10	2,3,4,7,8-PeCDF	pg/g	0.201 J EMPC	ND	0.233 J	0.148 J EMPC	ND	0.318 J EMPC	ND	ND	ND	ND
11	1,2,3,4,7,8-HxCDF	pg/g	0.189 J	ND	ND	0.093 J EMPC	ND	0.497 J EMPC	ND	ND	ND	ND
12	1,2,3,6,7,8-HxCDF	pg/g	0.189 J EMPC	ND	0.118 J EMPC	0.135 J	ND	0.472 J	ND	ND	ND	ND
13	1,2,3,7,8,9-HxCDF	pg/g	0.329 J EMPC	ND	0.147 J	0.116 J EMPC	ND	ND	ND	ND	ND	ND
14	2,3,4,6,7,8-HxCDF	pg/g	0.195 J EMPC	ND	0.147 J EMPC	0.118 J EMPC	ND	0.32 J	ND	ND	ND	ND
15	1,2,3,4,6,7,8-HpCDF	pg/g	ND	0.096 J	ND	0.239 J	ND	2.25 J	ND	ND	ND	ND
16	1,2,3,4,7,8,9-HpCDF	pg/g	ND	ND	ND	ND	ND	0.385 J EMPC	ND	ND	ND	ND
17	OCDF	pg/g	ND	ND	0.682 J	0.845 J	ND	1.72 J	ND	ND	ND	ND
	WHO-2005 TEQ (ND=0), pg/g		*0.4065*	*0.0101*	*0.1290*	*0.2619*	*0.0111*	*0.4087*	*0.3454*	*0.0225*	*0.0240*	*0.0083*

NOTES:

J: Estimated amount detected between detection limit and reporting limit

EMPC: Estimated maximum possible concentration due to ion raio failure

ND: Not detected

Table 3. Continued

No		Borehole →	E11-158	E11-158	E11-158	E11-158	E11-159	E11-159	E11-159	E11-159	E11-160	E11-160
		Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~8.5	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	2,3,7,8-TCDD	pg/g	ND	ND	ND	ND	ND	ND	0.168 J EMPC	ND	ND	ND
2	1,2,3,7,8-PeCDD	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,2,3,4,7,8-HxCDD	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,2,3,6,7,8-HxCDD	pg/g	ND	ND	0.141 J	ND	ND	ND	ND	ND	ND	ND
5	1,2,3,7,8,9-HxCDD	pg/g	ND	ND	0.264 J	ND	ND	ND	0.132 J EMPC	0.171 J EMPC	ND	ND
6	1,2,3,4,6,7,8-HpCDD	pg/g	0.88 J	2.06 J	4.26	2.02 J	0.568 J	0.524 J	1.65 J	15.6	0.635 J	0.373 J EMPC
7	OCDD	pg/g	19.1	37	118	49.2	11.7	15.4	42.3	616	20.2	13.7
8	2,3,7,8-TCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	0.23 J	ND
9	1,2,3,7,8-PeCDF	pg/g	ND	0.107 J	0.068 J	ND	ND	0.056 J EMPC	ND	ND	0.082 J EMPC	ND
10	2,3,4,7,8-PeCDF	pg/g	0.126 J EMPC	0.131 J	0.082 J EMPC	ND	ND	0.076 J	0.082 J	ND	0.088 J EMPC	ND
11	1,2,3,4,7,8-HxCDF	pg/g	0.083 J	0.162 J	0.08 J	ND	ND	ND	ND	ND	0.071 J	ND
12	1,2,3,6,7,8-HxCDF	pg/g	0.092 J EMPC	0.182 J	0.08 J	ND	ND	0.069 J EMPC	ND	ND	0.071 J	ND
13	1,2,3,7,8,9-HxCDF	pg/g	ND	0.107 J	ND	ND	ND	ND	ND	ND	0.079 J EMPC	ND
14	2,3,4,6,7,8-HxCDF	pg/g	ND	0.093 J	ND	ND	ND	0.042 J EMPC	ND	ND	0.067 J	ND
15	1,2,3,4,6,7,8-HpCDF	pg/g	0.235 J	0.344 J	0.175 J	ND	0.177 J EMPC	0.151 J	0.113 J	ND	0.167 J	ND
16	1,2,3,4,7,8,9-HpCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	OCDF	pg/g	ND	0.611 J	0.318 J	ND	ND	ND	ND	ND	0.623 J	ND
	WHO-2005 TEQ (ND=0), pg/g		*0.0722*	*0.1322*	*0.1629*	*0.0350*	*0.0110*	*0.0471*	*0.2361*	*0.3579*	*0.0949*	*0.0078*

NOTES:

J: Estimated amount detected between detection limit and reporting limit

EMPC: Estimated maximum possible concentration due to ion raio failure

ND: Not detected

Table 3. Continued

No		Borehole →	E11-160	E11-161	E11-161	E11-161	E11-161	E11-162	E11-162	E11-163	E11-163	E11-163
	Analyte↓	Sample ID →	S3	S1	S2	S3	S4	S1	S2	S1	S2	S3
		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	2,3,7,8-TCDD	pg/g	ND	ND	ND	ND	0.135 J EMPC	ND	ND	ND	ND	ND
2	1,2,3,7,8-PeCDD	pg/g	ND	ND	ND	0.182 J	0.145 J EMPC	ND	ND	ND	ND	ND
3	1,2,3,4,7,8-HxCDD	pg/g	ND	ND	ND	0.078 J EMPC	ND	ND	ND	ND	ND	ND
4	1,2,3,6,7,8-HxCDD	pg/g	ND	ND	ND	0.157 J EMPC	ND	ND	ND	ND	ND	ND
5	1,2,3,7,8,9-HxCDD	pg/g	ND	ND	ND	0.251 J	ND	ND	ND	ND	ND	ND
6	1,2,3,4,6,7,8-HpCDD	pg/g	0.38 J EMPC	0.525 J	0.76 J	1.94 J	1.62 J	2.3 J	2.24 J	ND	ND	ND
7	OCDD	pg/g	13.5	14.9	29	63.9	52.8	81.5	89.7	18.6	20.8	16.5
8	2,3,7,8-TCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	1,2,3,7,8-PeCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.155 J
10	2,3,4,7,8-PeCDF	pg/g	0.081 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	1,2,3,4,7,8-HxCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	1,2,3,6,7,8-HxCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	1,2,3,7,8,9-HxCDF	pg/g	ND	ND	ND	0.152 J EMPC	0.071 J	ND	ND	ND	ND	ND
14	2,3,4,6,7,8-HxCDF	pg/g	ND	ND	ND	ND	0.075 J EMPC	ND	ND	ND	ND	ND
15	1,2,3,4,6,7,8-HpCDF	pg/g	0.113 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	1,2,3,4,7,8,9-HpCDF	pg/g	ND	0.221 J	ND	ND	ND	ND	ND	ND	ND	ND
17	OCDF	pg/g	ND	0.918 J	ND	0.605 J	ND	ND	ND	ND	ND	ND
	WHO-2005 TEQ (ND=0), pg/g		*0.0332*	*0.0122*	*0.0163*	*0.2846*	*0.3266*	*0.0475*	*0.0493*	*0.0056*	*0.0062*	*0.0096*

NOTES:

J: Estimated amount detected between detection limit and reporting limit

EMPC: Estimated maximum possible concentration due to ion raio failure

ND: Not detected

Table 3. Continued

No		Borehole →	E11-163	E11-164	E11-164	E11-164	E11-164	E11-165	E11-165	E11-165	E11-165	E11-166
		Sample ID →	S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~10.0	0.0~0.5	~2.0	~5.0	~11.0	0.0~0.5	~2.0	~5.0	~10.0	0.3~0.8
1	2,3,7,8-TCDD	pg/g	ND	ND	ND	0.108 J EMPC	ND	0.077 J EMPC	ND	ND	ND	0.188 J EMPC
2	1,2,3,7,8-PeCDD	pg/g	ND	ND	0.192 J EMPC	ND	ND	ND	ND	ND	ND	0.112 J
3	1,2,3,4,7,8-HxCDD	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,2,3,6,7,8-HxCDD	pg/g	ND	ND	0.313 J EMPC	ND	ND	ND	ND	ND	ND	ND
5	1,2,3,7,8,9-HxCDD	pg/g	ND	ND	0.375 J EMPC	0.093 J EMPC	ND	ND	ND	ND	ND	ND
6	1,2,3,4,6,7,8-HpCDD	pg/g	ND	ND	0.811 J EMPC	0.422 J	ND	0.996 J	0.892 J	1.79 J EMPC	1.11 J	0.906 J
7	OCDD	pg/g	7.99 EMPC	22.5	34.4	19.1	20.1	24	29.1	40.4	51.5	22.7
8	2,3,7,8-TCDF	pg/g	ND	ND	ND	ND	ND	ND	0.364 J	ND	0.333 J EMPC	ND
9	1,2,3,7,8-PeCDF	pg/g	ND	ND	0.264 J	0.076 J	ND	ND	0.113 J	ND	ND	0.129 J EMPC
10	2,3,4,7,8-PeCDF	pg/g	ND	ND	0.218 J EMPC	0.087 J EMPC	ND	ND	0.159 J EMPC	ND	ND	ND J EMPC
11	1,2,3,4,7,8-HxCDF	pg/g	ND	ND	ND	ND	ND	0.106 J EMPC	ND	ND	ND	0.141 J EMPC
12	1,2,3,6,7,8-HxCDF	pg/g	ND	ND	ND	ND	ND	0.087 J EMPC	ND	ND	ND	ND
13	1,2,3,7,8,9-HxCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.108 J
14	2,3,4,6,7,8-HxCDF	pg/g	ND	ND	ND	ND	ND	0.093 J	ND	ND	ND	0.141 J
15	1,2,3,4,6,7,8-HpCDF	pg/g	ND	ND	ND	ND	ND	0.505 J EMPC	0.253 J EMPC	0.428 J	0.288 J EMPC	ND
16	1,2,3,4,7,8,9-HpCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	OCDF	pg/g	ND	ND	ND	ND	ND	0.474 J	ND	1.02 J	ND	0.429 J EMPC
	WHO-2005 TEQ (ND=0), pg/g		*0.0024*	*0.0068*	*0.3526*	*0.1556*	*0.0060*	*0.1277*	*0.1077*	*0.0346*	*0.0627*	*0.3589*

NOTES:

J: Estimated amount detected between detection limit and reporting limit

EMPC: Estimated maximum possible concentration due to ion raio failure

ND: Not detected

Table 3. Continued

No		Borehole →	E11-166	E11-167	E11-167	E11-167	E11-168	E11-168	E11-169	E11-169	E11-170	E11-170
		Sample ID →	S2	S1	S2	S3	S1	S2	S1	S2	S1	S2
	Analyte↓	Depth, m →	~2.7	0.0~0.5	~2.0	~5.5	0.0~0.5	~3.0	0.0~0.5	~1.8	0.0~0.5	~2.0
1	2,3,7,8-TCDD	pg/g	0.251 J EMPC	ND	ND	ND	ND	ND	ND	ND	0.156 J EMPC	0.155 J EMPC
2	1,2,3,7,8-PeCDD	pg/g	ND	ND	0.116 J EMPC	ND	ND	ND	0.201 J	ND	0.269 J EMPC	0.451 J
3	1,2,3,4,7,8-HxCDD	pg/g	ND	ND	ND	ND	0.682 J EMPC	ND	ND	ND	0.484 J	0.996 J
4	1,2,3,6,7,8-HxCDD	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	1.19 J	2.97
5	1,2,3,7,8,9-HxCDD	pg/g	ND	0.143 J	ND	ND	ND	ND	ND	ND	0.996 J	2.35 J
6	1,2,3,4,6,7,8-HpCDD	pg/g	ND	4.11 EMPC	3.74	1.14 J EMPC	13	ND	4.66	1.54 J	34.5	76.9
7	OCDD	pg/g	10.2	80.7	70.1	54.5	132	9.55 EMPC	66	57.6	306	639
8	2,3,7,8-TCDF	pg/g	ND	2.26	ND	ND	ND	ND	ND	ND	21.3	16.4
9	1,2,3,7,8-PeCDF	pg/g	ND	0.375 J EMPC	0.243 J EMPC	ND	0.525 J EMPC	ND	ND	ND	2.67	2.07 J
10	2,3,4,7,8-PeCDF	pg/g	ND	0.254 J EMPC	0.152 J	ND	0.42 J	ND	ND	ND	1.61 J	1.41 J
11	1,2,3,4,7,8-HxCDF	pg/g	ND	0.356 J EMPC	0.297 J	ND	0.882 J EMPC	ND	0.481 J	ND	1.46 J	1.51 J
12	1,2,3,6,7,8-HxCDF	pg/g	ND	ND	0.205 J EMPC	ND	ND	ND	0.397 J	ND	0.544 J EMPC	0.895 J
13	1,2,3,7,8,9-HxCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	0.324 J	0.328 J EMPC
14	2,3,4,6,7,8-HxCDF	pg/g	ND	ND	ND	ND	0.397 J	ND	0.371 J	ND	0.521 J	0.899 J
15	1,2,3,4,6,7,8-HpCDF	pg/g	ND	1.67 J EMPC	1.58 J	ND	3.37	ND	2.4	ND	7.6	15.1
16	1,2,3,4,7,8,9-HpCDF	pg/g	ND	ND	ND	ND	ND	ND	0.45 J	ND	0.52 J EMPC	0.917 J
17	OCDF	pg/g	ND	3.49 J	2.77 J	0.409 J EMPC	7.49	ND	5.15	ND	14.5	28.5
	WHO-2005 TEQ (ND=0), pg/g		*0.2541*	*0.4464*	*0.2942*	*0.0279*	*0.5434*	*0.0029*	*0.4223*	*0.0327*	*4.1924*	*4.8553*

NOTES:

J: Estimated amount detected between detection limit and reporting limit

EMPC: Estimated maximum possible concentration due to ion ratio failure

ND: Not detected

Table 3. Continued

No		Borehole →	E11-170	E11-170	E11-171	E11-171	E11-171	E11-172	E11-172	E11-172	E11-172	E11-173
		Sample ID →	S3	S4	S1	S2	S3	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~5.0	~7.5	0.0~0.5	~2.0	~6.5	0.0~0.5	~2.0	~5.0	~8.7	0.0~0.5
1	2,3,7,8-TCDD	pg/g	ND	ND	ND	ND	7.44	ND	ND	ND	ND	ND
2	1,2,3,7,8-PeCDD	pg/g	ND	ND	ND	ND	0.503 J EMPC	ND	ND	ND	ND	0.618 J
3	1,2,3,4,7,8-HxCDD	pg/g	ND	ND	0.36 J EMPC	0.322 J	0.685 J	ND	ND	ND	ND	0.639 J
4	1,2,3,6,7,8-HxCDD	pg/g	ND	ND	0.927 J	ND	2.52 J	ND	ND	ND	ND	2.2 J
5	1,2,3,7,8,9-HxCDD	pg/g	ND	ND	0.567 J	ND	1.66 J	ND	ND	ND	ND	1.3 J
6	1,2,3,4,6,7,8-HpCDD	pg/g	0.708 J	1.68 J	26.5	8.17	55.5	6.94	ND	0.633 J EMPC	ND	49.1
7	OCDD	pg/g	35.9	82.9	247	81.5	576	101	22.4	20.2	34.4	387
8	2,3,7,8-TCDF	pg/g	ND	0.359 J EMPC	ND	ND	ND	1.14 EMPC	ND	ND	ND	3.09
9	1,2,3,7,8-PeCDF	pg/g	ND	ND	ND	ND	0.379 J	ND	ND	ND	ND	1.08 J
10	2,3,4,7,8-PeCDF	pg/g	0.063 J	ND	0.45 J EMPC	0.294 J EMPC	0.904 J	ND	ND	ND	ND	1.18 J
11	1,2,3,4,7,8-HxCDF	pg/g	ND	ND	0.807 J	0.232 J	1.72 J	ND	ND	ND	ND	1.51 J
12	1,2,3,6,7,8-HxCDF	pg/g	ND	ND	0.539 J EMPC	ND	1.07 J	ND	ND	ND	ND	1.19 J
13	1,2,3,7,8,9-HxCDF	pg/g	ND	ND	0.258 J	ND	0.448 J	ND	ND	ND	ND	0.403 J
14	2,3,4,6,7,8-HxCDF	pg/g	ND	ND	0.499 J	ND	1.17 J	ND	ND	ND	ND	1.2 J
15	1,2,3,4,6,7,8-HpCDF	pg/g	0.086 J EMPC	ND	7.21	1.55 J	18.4	1.73 J	ND	ND	ND	14.3
16	1,2,3,4,7,8,9-HpCDF	pg/g	ND	ND	ND	ND	1.16 J	ND	ND	ND	ND	1.02 J
17	OCDF	pg/g	ND	ND	16.3	2.91 J	36.8	5.73 EMPC	ND	ND	ND	41.1

WHO-2005 TEQ (ND=0), pg/g	*0.0375*	*0.0776*	*0.9468*	*0.2661*	*10.0873*	*0.2327*	*0.0067*	*0.0124*	*0.0103*	*2.9302*

NOTES:

J: Estimated amount detected between detection limit and reporting limit

EMPC: Estimated maximum possible concentration due to ion ratio failure

ND: Not detected

Table 3. Continued

No		Borehole →	E11-173	E11-173	E11-173	E11-174	E11-174	E11-174	E11-174	E11-175	E11-175	E11-175
		Sample ID →	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3
	Analyte↓	Depth, m →	~2.0	~5.0	~10.0	0.3~0.8	~2.3	2.3~5.3	~8.9	0.0~0.5	~2.0	~5.0
1	2,3,7,8-TCDD	pg/g	ND	ND	ND	0.312 J EMPC	ND	ND	ND	ND	ND	ND
2	1,2,3,7,8-PeCDD	pg/g	0.143 J	ND	ND	ND	ND	ND	ND	0.395 J EMPC	ND	ND
3	1,2,3,4,7,8-HxCDD	pg/g	ND	ND	ND	0.301 J EMPC	ND	ND	ND	0.46 J	ND	ND
4	1,2,3,6,7,8-HxCDD	pg/g	ND	ND	ND	1.05 J EMPC	0.275 J	ND	ND	1.41 J	ND	0.068 J EMPC
5	1,2,3,7,8,9-HxCDD	pg/g	ND	ND	ND	0.608 J EMPC	0.163 J EMPC	ND	0.079 J EMPC	0.85 J	ND	0.116 J
6	1,2,3,4,6,7,8-HpCDD	pg/g	2.4 J	1.11 J	0.483 J EMPC	23.8	6.15	ND	0.751 J EMPC	21.6	1.54 J	1.17 J EMPC
7	OCDD	pg/g	106	28.2	9.68	240	72.6	4.09 J	17.9	134	35.5	20.8
8	2,3,7,8-TCDF	pg/g	0.271 J	0.28 J	0.289 J EMPC	ND	ND	ND	ND	0.607	ND	ND
9	1,2,3,7,8-PeCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	0.894 J	ND	0.07 J EMPC
10	2,3,4,7,8-PeCDF	pg/g	0.264 J	0.156 J	ND	ND	ND	ND	0.088 J EMPC	1.3 J	ND	0.104 J
11	1,2,3,4,7,8-HxCDF	pg/g	0.198 J	0.139 J EMPC	ND	0.535 J EMPC	ND	ND	ND	1.96 J EMPC	ND	0.076 J EMPC
12	1,2,3,6,7,8-HxCDF	pg/g	0.211 J	0.128 J EMPC	ND	0.457 J	ND	ND	ND	1.17 J	ND	0.091 J
13	1,2,3,7,8,9-HxCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	0.617 J	ND	ND
14	2,3,4,6,7,8-HxCDF	pg/g	0.137 J	ND	ND	0.477 J	ND	ND	ND	1.12 J EMPC	ND	ND
15	1,2,3,4,6,7,8-HpCDF	pg/g	0.504 J EMPC	0.323 J	ND	7.1	1.82 J	ND	ND	9.42	ND	0.753 J EMPC
16	1,2,3,4,7,8,9-HpCDF	pg/g	ND	ND	ND	0.486 J EMPC	ND	ND	ND	ND	ND	ND
17	OCDF	pg/g	1.23 J	ND	ND	13.3	3.61 J	ND	ND	6.76	ND	0.87 J EMPC
	WHO-2005 TEQ (ND=0), pg/g		*0.3651*	*0.1243*	*0.0366*	*1.0447*	*0.1464*	*0.0012*	*0.0471*	*1.9836*	*0.0261*	*0.0941*

NOTES:

J: Estimated amount detected between detection limit and reporting limit

EMPC: Estimated maximum possible concentration due to ion ratio failure

ND: Not detected

Table 3. Continued

No	Borehole →		E11-175	E11-176	E11-176	E11-176	E11-176	E11-177	E11-177	E11-177	E11-177	E11-178
	Sample ID →		S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~7.25	0.0~0.5	~2.0	~5.0	~10.0	0.4~0.9	~2.4	~5.4	~9.0	0.0~0.5
1	2,3,7,8-TCDD	pg/g	0.129 J EMPC	0.201 J EMPC	0.135 J EMPC	ND	ND	0.317 J EMPC	ND	ND	ND	0.207 J EMPC
2	1,2,3,7,8-PeCDD	pg/g	0.042 J EMPC	0.284 J	ND	0.168 J	ND	0.531 J EMPC	ND	ND	ND	ND
3	1,2,3,4,7,8-HxCDD	pg/g	ND	0.358 J	ND	ND	ND	0.628 J EMPC	ND	ND	ND	0.491 J EMPC
4	1,2,3,6,7,8-HxCDD	pg/g	ND	1.16 J	0.308 J EMPC	ND	ND	1.93 J	ND	ND	ND	1.94 J
5	1,2,3,7,8,9-HxCDD	pg/g	ND	0.631 J EMPC	ND	ND	ND	1.49 J	ND	ND	ND	0.583 J
6	1,2,3,4,6,7,8-HpCDD	pg/g	0.771 J	24.8	4.44	0.576 J	0.872 J EMPC	53.7	2.49 EMPC	0.672 J EMPC	1.05 J	46.5
7	OCDD	pg/g	37.2	208	67	13.9	9.97	457	44.1	32.1	20.3	278
8	2,3,7,8-TCDF	pg/g	ND	3.86	0.5 J	ND	0.21 J EMPC	ND	ND	ND	ND	1.02
9	1,2,3,7,8-PeCDF	pg/g	0.06 J EMPC	0.604 J	ND	ND	ND	ND	ND	ND	ND	0.274 J EMPC
10	2,3,4,7,8-PeCDF	pg/g	0.078 J	0.566 J EMPC	0.251 J	ND	ND	ND	ND	0.098 J	ND	0.784 J
11	1,2,3,4,7,8-HxCDF	pg/g	0.04 J EMPC	0.698 J EMPC	0.261 J EMPC	0.141 J	ND	0.925 J	0.333 J EMPC	ND	ND	0.958 J
12	1,2,3,6,7,8-HxCDF	pg/g	ND	0.495 J EMPC	0.217 J	0.17 J EMPC	ND	0.645 J EMPC	0.277 J EMPC	ND	ND	0.737 J
13	1,2,3,7,8,9-HxCDF	pg/g	ND	0.307 J	ND	ND	ND	ND	ND	ND	ND	ND
14	2,3,4,6,7,8-HxCDF	pg/g	ND	0.517 J	0.118 J	0.121 J	ND	0.912 J	0.233 J	ND	ND	0.993 J
15	1,2,3,4,6,7,8-HpCDF	pg/g	0.178 J EMPC	7.98	1.25 J	0.152 J EMPC	ND	11.4	1.43 J EMPC	ND	ND	19.7
16	1,2,3,4,7,8,9-HpCDF	pg/g	ND	ND	ND	ND	ND	0.601 J EMPC	ND	ND	ND	0.727 J EMPC
17	OCDF	pg/g	0.278 J	23.6	2.74 J EMPC	ND	ND	23.7	2.88 J	ND	ND	20.2
	WHO-2005 TEQ (ND=0), pg/g		*0.2211*	*1.8728*	*0.4285*	*0.2227*	*0.0327*	*2.3022*	*0.1376*	*0.0457*	*0.0166*	*1.8814*

NOTES:

J: Estimated amount detected between detection limit and reporting limit

EMPC: Estimated maximum possible concentration due to ion raio failure

ND: Not detected

Table 3. Continued

No		Borehole →	E11-178	E11-178	E11-178	E11-179	E11-179	E11-179	E11-179	E11-180	E11-180	E11-180
		Sample ID →	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3
	Analyte↓	Depth, m →	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0
1	2,3,7,8-TCDD	pg/g	0.092 J EMPC	ND	ND	ND	ND	0.118 J EMPC	ND	ND	ND	ND
2	1,2,3,7,8-PeCDD	pg/g	ND	ND	ND	0.267 J EMPC	ND	0.085 J	ND	ND	ND	ND
3	1,2,3,4,7,8-HxCDD	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,2,3,6,7,8-HxCDD	pg/g	ND	ND	ND	0.28 J	ND	ND	ND	0.287 J EMPC	ND	ND
5	1,2,3,7,8,9-HxCDD	pg/g	0.286 J	ND	ND	ND	ND	0.108 J EMPC	ND	0.178 J	ND	ND
6	1,2,3,4,6,7,8-HpCDD	pg/g	0.971 J	0.733 J	1.57 J	5.04 EMPC	1.15 J	0.481 J	1.91 J	6.71	0.649 J EMPC	3.13
7	OCDD	pg/g	37.1	31.2	62.3	63.9	40.3	11.5	59	83.4	26.8	67.8
8	2,3,7,8-TCDF	pg/g	ND	ND	ND	0.642 EMPC	0.338 J	0.179 J EMPC	ND	ND	ND	ND
9	1,2,3,7,8-PeCDF	pg/g	0.123 J EMPC	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	2,3,4,7,8-PeCDF	pg/g	0.119 J EMPC	ND	ND	0.238 J EMPC	ND	0.099 J EMPC	0.096 J EMPC	ND	ND	ND
11	1,2,3,4,7,8-HxCDF	pg/g	0.092 J	ND	ND	0.228 J EMPC	ND	0.089 J	ND	ND	ND	ND
12	1,2,3,6,7,8-HxCDF	pg/g	0.083 J	ND	0.081 J EMPC	0.22 J EMPC	ND	0.067 J EMPC	ND	ND	ND	ND
13	1,2,3,7,8,9-HxCDF	pg/g	0.083 J EMPC	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	2,3,4,6,7,8-HxCDF	pg/g	ND	ND	ND	ND	ND	0.061 J EMPC	ND	ND	ND	ND
15	1,2,3,4,6,7,8-HpCDF	pg/g	0.161 J	0.182 J EMPC	0.239 J EMPC	2 J	0.249 J	0.112 J	ND	2.22 J	ND	0.721 J EMPC
16	1,2,3,4,7,8,9-HpCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	OCDF	pg/g	0.729 J	ND	ND	5.83	ND	ND	ND	4.65	ND	3.95 J EMPC
	WHO-2005 TEQ (ND=0), pg/g		*0.2084*	*0.0185*	*0.0449*	*0.5667*	*0.0599*	*0.2928*	*0.0656*	*0.1622*	*0.0145*	*0.0600*

NOTES:

J: Estimated amount detected between detection limit and reporting limit

EMPC: Estimated maximum possible concentration due to ion ratio failure

ND: Not detected

Table 3. Continued

No		Borehole →	E11-180	E11-181	E11-181	E11-181	E11-182	E11-182	E11-182	E11-182	E11-183	E11-183
		Sample ID →	S4	S1	S2	S3	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	~10.0	0.0~0.5	~2.0	~5.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	2,3,7,8-TCDD	pg/g	ND	0.57	ND	ND	ND	ND	ND	ND	ND	ND
2	1,2,3,7,8-PeCDD	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,2,3,4,7,8-HxCDD	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,2,3,6,7,8-HxCDD	pg/g	ND	0.356 J EMPC	ND	ND	ND	ND	ND	ND	ND	ND
5	1,2,3,7,8,9-HxCDD	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	1,2,3,4,6,7,8-HpCDD	pg/g	0.579 J EMPC	7.97	0.559 J	0.821 J EMPC	1.35 J EMPC	1.96 J	2.14 J	0.798 J	0.857 J EMPC	0.327 J EMPC
7	OCDD	pg/g	16.7	69	28.6	31.9	32.9	54.1	41.3	26.3	38.6	17.1
8	2,3,7,8-TCDF	pg/g	ND	ND	ND	ND	0.338 J EMPC	0.327 J EMPC	0.369 J EMPC	0.437 J	0.257 J	0.333 J
9	1,2,3,7,8-PeCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	2,3,4,7,8-PeCDF	pg/g	ND	0.222 J	ND	ND	ND	ND	ND	ND	ND	0.13 J
11	1,2,3,4,7,8-HxCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	1,2,3,6,7,8-HxCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	1,2,3,7,8,9-HxCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	2,3,4,6,7,8-HxCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	1,2,3,4,6,7,8-HpCDF	pg/g	ND	1.93 J	ND	0.185 J EMPC	0.426 J	0.561 J	0.617 J EMPC	ND	0.228 J EMPC	ND
16	1,2,3,4,7,8,9-HpCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	OCDF	pg/g	ND	3.46 J	ND	ND	0.648 J	1.07 J	ND	ND	ND	ND
	WHO-2005 TEQ (ND=0), pg/g		*0.0108*	*0.7929*	*0.0127*	*0.0196*	*0.0616*	*0.0745*	*0.0769*	*0.0596*	*0.0481*	*0.0807*

NOTES:

J: Estimated amount detected between detection limit and reporting limit

EMPC: Estimated maximum possible concentration due to ion ratio failure

ND: Not detected

Table 3. Continued

No		Borehole →	E11-183	E11-183	E11-184	E11-184	E11-184	E11-184	E11-185	E11-185	E11-185	E11-185
		Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~8.75	0.0~0.5	~2.0	~5.0	~8.8
1	2,3,7,8-TCDD	pg/g	ND	ND	0.502 EMPC	ND	ND	ND	0.068 J EMPC	0.08 J EMPC	0.121 J EMPC	ND
2	1,2,3,7,8-PeCDD	pg/g	ND	ND	0.208 J	ND	ND	ND	0.051 J	ND	ND	ND
3	1,2,3,4,7,8-HxCDD	pg/g	ND	ND	ND	ND	ND	ND	0.053 J	ND	ND	ND
4	1,2,3,6,7,8-HxCDD	pg/g	ND	ND	0.502 J EMPC	ND	ND	ND	0.085 J EMPC	ND	ND	ND
5	1,2,3,7,8,9-HxCDD	pg/g	ND	ND	0.506 J EMPC	ND	ND	ND	0.074 J	ND	ND	ND
6	1,2,3,4,6,7,8-HpCDD	pg/g	ND	0.749 J	12.2	1.71 J	ND	ND	1.28 J	0.966 J EMPC	0.587 J	ND
7	OCDD	pg/g	15.2	31.8	81.5	30	11.1	2.7 J	29.8	30.1	23.5	5.98
8	2,3,7,8-TCDF	pg/g	0.177 J	ND	0.969	ND	0.245 J EMPC	0.206 J	ND	0.241 J	ND	ND
9	1,2,3,7,8-PeCDF	pg/g	ND	ND	0.868 J	ND	ND	ND	ND	ND	0.094 J EMPC	ND
10	2,3,4,7,8-PeCDF	pg/g	ND	ND	1.42 J	ND	ND	ND	ND	ND	0.123 J EMPC	ND
11	1,2,3,4,7,8-HxCDF	pg/g	ND	ND	1.26 J EMPC	ND	ND	ND	ND	ND	0.121 J EMPC	ND
12	1,2,3,6,7,8-HxCDF	pg/g	ND	ND	0.71 J	ND	ND	ND	ND	ND	0.16 J	ND
13	1,2,3,7,8,9-HxCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	0.065 J EMPC	ND
14	2,3,4,6,7,8-HxCDF	pg/g	ND	ND	0.588 J EMPC	ND	ND	ND	0.053 J	ND	ND	ND
15	1,2,3,4,6,7,8-HpCDF	pg/g	ND	ND	2.25 J EMPC	0.482 J	0.349 J	ND	ND	ND	0.31 J EMPC	ND
16	1,2,3,4,7,8,9-HpCDF	pg/g	ND	ND	ND	ND	ND	ND	0.084 J EMPC	ND	ND	ND
17	OCDF	pg/g	ND	ND	3.18 J	1.62 J	ND	ND	0.66 J	0.379 J EMPC	ND	ND
	WHO-2005 TEQ (ND=0), pg/g		*0.0223*	*0.0170*	*1.7854*	*0.0314*	*0.0313*	*0.0214*	*0.1688*	*0.1232*	*0.2113*	*0.0018*

NOTES:

J: Estimated amount detected between detection limit and reporting limit

EMPC: Estimated maximum possible concentration due to ion ratio failure

ND: Not detected

Table 3. Continued

No		Borehole →	E11-186	E11-186	E11-186	E11-186	E11-187	E11-187	E11-187	E11-187	E11-188	E11-188
		Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~8.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	2,3,7,8-TCDD	pg/g	0.163 J EMPC	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,2,3,7,8-PeCDD	pg/g	0.355 J EMPC	0.172 J	0.085 J EMPC	ND	ND	ND	ND	ND	ND	ND
3	1,2,3,4,7,8-HxCDD	pg/g	0.18 J EMPC	0.166 J EMPC	ND	ND	ND	ND	ND	ND	ND	ND
4	1,2,3,6,7,8-HxCDD	pg/g	0.336 J	0.182 J	ND	ND	ND	ND	ND	ND	ND	0.352 J
5	1,2,3,7,8,9-HxCDD	pg/g	0.252 J	0.135 J EMPC	ND	ND	ND	ND	ND	ND	ND	ND
6	1,2,3,4,6,7,8-HpCDD	pg/g	3.81	1.54 J	0.522 J	0.352 J EMPC	1.27 J EMPC	2.48 J	0.752 J	0.596 J	4.18 EMPC	8.16
7	OCDD	pg/g	54.1	32.8	19.2	9.75 EMPC	23.6	49.1	26.9	11.9	80.4	99.3
8	2,3,7,8-TCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	1,2,3,7,8-PeCDF	pg/g	ND	ND	ND	ND	ND	0.248 J	ND	ND	0.185 J	0.502 J
10	2,3,4,7,8-PeCDF	pg/g	ND	ND	ND	ND	ND	0.194 J	0.129 J EMPC	ND	ND	0.261 J EMPC
11	1,2,3,4,7,8-HxCDF	pg/g	ND	ND	ND	ND	ND	0.476 J EMPC	ND	ND	ND	1.03 J
12	1,2,3,6,7,8-HxCDF	pg/g	ND	ND	ND	ND	ND	0.285 J EMPC	ND	ND	ND	0.433 J EMPC
13	1,2,3,7,8,9-HxCDF	pg/g	0.19 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	2,3,4,6,7,8-HxCDF	pg/g	0.353 J	0.126 J EMPC	ND	ND	ND	ND	ND	ND	0.265 J	0.386 J
15	1,2,3,4,6,7,8-HpCDF	pg/g	2.01 J	ND	ND	ND	0.611 J EMPC	2.07 J	ND	ND	1.74 J EMPC	3.57
16	1,2,3,4,7,8,9-HpCDF	pg/g	0.367 J EMPC	ND	ND	ND	ND	ND	ND	ND	ND	0.95 J EMPC
17	OCDF	pg/g	4.06 J	1.45 J	ND	ND	1.48 J	4.12 J	0.746 J	ND	3.8 J	12.6
	WHO-2005 TEQ (ND=0), pg/g		*0.7284*	*0.2586*	*0.0964*	*0.0064*	*0.0263*	*0.2032*	*0.0545*	*0.0095*	*0.1165*	*0.4738*

NOTES:

J: Estimated amount detected between detection limit and reporting limit

EMPC: Estimated maximum possible concentration due to ion ratio failure

ND: Not detected

Table 3. Continued

No		Borehole →	E11-188	E11-188	E11-189	E11-189	E11-189	E11-189	E11-190	E11-190	E11-190	E11-190
		Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~9.6	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~10.0
1	2,3,7,8-TCDD	pg/g	ND	ND	0.174 J EMPC	ND	ND	ND	ND	ND	ND	ND
2	1,2,3,7,8-PeCDD	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,2,3,4,7,8-HxCDD	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,2,3,6,7,8-HxCDD	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	1,2,3,7,8,9-HxCDD	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	1,2,3,4,6,7,8-HpCDD	pg/g	0.441 J	0.346 J EMPC	1.69 J	1.18 J	ND	ND	0.274 J	0.511 J	0.686 J EMPC	ND
7	OCDD	pg/g	21.9	8.38	47.6	23	28.1	16.6	8.13	17.5	16.5	ND
8	2,3,7,8-TCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	1,2,3,7,8-PeCDF	pg/g	ND	ND	0.276 J EMPC	0.293 J EMPC	ND	ND	ND	ND	ND	ND
10	2,3,4,7,8-PeCDF	pg/g	ND	ND	0.145 J EMPC	0.194 J EMPC	ND	ND	ND	ND	ND	ND
11	1,2,3,4,7,8-HxCDF	pg/g	ND	ND	0.477 J EMPC	0.398 J	ND	ND	ND	ND	ND	ND
12	1,2,3,6,7,8-HxCDF	pg/g	ND	ND	0.268 J EMPC	0.23 J	ND	ND	ND	ND	ND	ND
13	1,2,3,7,8,9-HxCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	2,3,4,6,7,8-HxCDF	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	1,2,3,4,6,7,8-HpCDF	pg/g	ND	ND	1.7 J	1.39 J EMPC	ND	ND	ND	ND	ND	ND
16	1,2,3,4,7,8,9-HpCDF	pg/g	ND	ND	0.301 J EMPC	ND	ND	ND	ND	ND	ND	ND
17	OCDF	pg/g	ND	ND	2.72 J	1.9 J	ND	ND	ND	ND	0.397 J	ND
	WHO-2005 TEQ (ND=0), pg/g		*0.0110*	*0.0060*	*0.3523*	*0.1630*	*0.0084*	*0.0050*	*0.0052*	*0.0104*	*0.0119*	*0.0000*

NOTES:

J: Estimated amount detected between detection limit and reporting limit

EMPC: Estimated maximum possible concentration due to ion ratio failure

ND: Not detected

Table 3. Continued

No		Borehole →	E11-191	E11-191	E11-191	E11-191	E11-192	E11-192	E11-192	E11-192	E11-193	E11-193
		Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~7.7	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	2,3,7,8-TCDD	pg/g	0.236 J EMPC	ND	0.272 J EMPC	ND	ND	ND	ND	ND	ND	ND
2	1,2,3,7,8-PeCDD	pg/g	ND	ND	0.389 J EMPC	ND	ND	ND	ND	ND	ND	0.093 J EMPC
3	1,2,3,4,7,8-HxCDD	pg/g	ND	ND	0.353 J EMPC	ND	ND	ND	ND	ND	ND	ND
4	1,2,3,6,7,8-HxCDD	pg/g	ND	ND	0.491 J	ND	ND	ND	ND	ND	ND	ND
5	1,2,3,7,8,9-HxCDD	pg/g	ND	ND	0.599 J EMPC	ND	ND	ND	ND	ND	ND	ND
6	1,2,3,4,6,7,8-HpCDD	pg/g	0.535 J EMPC	1.64 J	0.787 J	ND	0.716 J	0.247 J	ND	0.659 J	0.92 J EMPC	0.605 J
7	OCDD	pg/g	14.9	30.2	1.9 J EMPC	ND	15.7	10.3	22.7	16.1	20.7	20.2
8	2,3,7,8-TCDF	pg/g	ND	ND	ND	0.483 J	ND	ND	ND	ND	ND	ND
9	1,2,3,7,8-PeCDF	pg/g	ND	ND	0.593 J EMPC	ND	ND	ND	ND	ND	ND	0.076 J
10	2,3,4,7,8-PeCDF	pg/g	ND	ND	ND	ND	0.113 J	0.077 J EMPC	ND	0.085 J	0.103 J	0.102 J EMPC
11	1,2,3,4,7,8-HxCDF	pg/g	ND	0.12 J EMPC	0.421 J	ND	ND	ND	ND	ND	0.088 J	ND
12	1,2,3,6,7,8-HxCDF	pg/g	ND	0.092 J	0.455 J	ND	ND	ND	ND	ND	ND	ND
13	1,2,3,7,8,9-HxCDF	pg/g	ND	ND	0.451 J	ND	0.156 J	ND	ND	ND	ND	ND
14	2,3,4,6,7,8-HxCDF	pg/g	ND	0.09 J	0.379 J	ND	0.139 J	ND	ND	ND	ND	ND
15	1,2,3,4,6,7,8-HpCDF	pg/g	ND	0.93 J	ND	ND	ND	0.104 J	ND	0.206 J	ND	ND
16	1,2,3,4,7,8,9-HpCDF	pg/g	ND	ND	0.548 J	ND	ND	ND	ND	ND	ND	ND
17	OCDF	pg/g	ND	1.66 J	1.31 J EMPC	ND	ND	ND	ND	0.502 J EMPC	0.382 J	ND
	WHO-2005 TEQ (ND=0), pg/g		*0.2458*	*0.0654*	*1.0062*	*0.0483*	*0.0753*	*0.0298*	*0.0068*	*0.0390*	*0.0552*	*0.1383*

NOTES:

J: Estimated amount detected between detection limit and reporting limit

EMPC: Estimated maximum possible concentration due to ion ratio failure

ND: Not detected

Table 3. Continued

No		Borehole →	E11-193	E11-193	E11-194	E11-194	E11-194	E11-194	E11-195	E11-195	E11-195	E11-195
		Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~8.6	0.3~0.8	~2.0	~5.0	~10.0	0.3~0.8	~2.0	~5.0	~10.0
1	2,3,7,8-TCDD	pg/g	0.174 J EMPC	ND	ND	ND	ND	ND	0.192 J EMPC	ND	ND	ND
2	1,2,3,7,8-PeCDD	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,2,3,4,7,8-HxCDD	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,2,3,6,7,8-HxCDD	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	1,2,3,7,8,9-HxCDD	pg/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	1,2,3,4,6,7,8-HpCDD	pg/g	ND	1.39 J EMPC	19.7	ND	ND	ND	0.741 J	0.803 J EMPC	24.3	15.3
7	OCDD	pg/g	4.37 J EMPC	7.18	146	1.89 J	ND	1.05 J EMPC	26	43	1960	1300
8	2,3,7,8-TCDF	pg/g	ND	ND	ND	0.451 J	0.25 J	0.372 J EMPC	0.236 J	ND	ND	ND
9	1,2,3,7,8-PeCDF	pg/g	0.137 J	ND	ND	0.101 J EMPC	ND	ND	0.204 J EMPC	ND	ND	ND
10	2,3,4,7,8-PeCDF	pg/g	0.151 J EMPC	ND	ND	0.126 J	ND	ND	0.168 J EMPC	ND	ND	ND
11	1,2,3,4,7,8-HxCDF	pg/g	0.4 J EMPC	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	1,2,3,6,7,8-HxCDF	pg/g	0.314 J EMPC	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	1,2,3,7,8,9-HxCDF	pg/g	ND	ND	ND	ND	ND	ND	0.171 J EMPC	ND	ND	ND
14	2,3,4,6,7,8-HxCDF	pg/g	0.174 J EMPC	0.751 J	ND	ND	ND	ND	ND	ND	ND	ND
15	1,2,3,4,6,7,8-HpCDF	pg/g	2.01 J	1.39 J EMPC	4.03	0.144 J	ND	ND	0.305 J	ND	ND	ND
16	1,2,3,4,7,8,9-HpCDF	pg/g	0.281 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	OCDF	pg/g	1.34 J	ND	10.9	ND	ND	ND	ND	ND	ND	ND
	WHO-2005 TEQ (ND=0), pg/g		*0.3368*	*0.1051*	*0.2844*	*0.0879*	*0.0250*	*0.0375*	*0.3075*	*0.0209*	*0.8310*	*0.5430*

NOTES:

J: Estimated amount detected between detection limit and reporting limit

EMPC: Estimated maximum possible concentration due to ion ratio failure

ND: Not detected

Table 3. Continued

No			Borehole →	E11-196	E11-196	E11-196	E11-196
			Sample ID →	S1	S2	S3	S4
	Analyte↓		Depth, m →	0.3~0.8	~2.3	~5.3	~10.3
1	2,3,7,8-TCDD	pg/g		ND	ND	ND	ND
2	1,2,3,7,8-PeCDD	pg/g		ND	ND	ND	ND
3	1,2,3,4,7,8-HxCDD	pg/g		ND	ND	ND	ND
4	1,2,3,6,7,8-HxCDD	pg/g		ND	ND	ND	ND
5	1,2,3,7,8,9-HxCDD	pg/g		ND	ND	ND	ND
6	1,2,3,4,6,7,8-HpCDD	pg/g		2.39 J	0.817 J EMPC	ND	ND
7	OCDD	pg/g		59.4	19.3	5.11 J EMPC	1.34 J
8	2,3,7,8-TCDF	pg/g		0.384 J	0.503	0.327 J EMPC	0.503 J
9	1,2,3,7,8-PeCDF	pg/g		0.161 J	ND	ND	ND
10	2,3,4,7,8-PeCDF	pg/g		ND	ND	ND	ND
11	1,2,3,4,7,8-HxCDF	pg/g		ND	ND	ND	ND
12	1,2,3,6,7,8-HxCDF	pg/g		ND	ND	ND	ND
13	1,2,3,7,8,9-HxCDF	pg/g		ND	ND	ND	ND
14	2,3,4,6,7,8-HxCDF	pg/g		ND	ND	ND	ND
15	1,2,3,4,6,7,8-HpCDF	pg/g		0.248 J	0.273 J	ND	ND
16	1,2,3,4,7,8,9-HpCDF	pg/g		ND	ND	ND	ND
17	OCDF	pg/g		ND	ND	ND	ND

WHO-2005 TEQ (ND=0), pg/g	*0.0874*	*0.0670*	*0.0342*	*0.0507*

NOTES:

J: Estimated amount detected between detection limit and reporting limit

EMPC: Estimated maximum possible concentration due to ion ratio failure

ND: Not detected

Table 4. Summary of Chlorinated Herbicide Results for Phase II and IIb Soil Samples

No		Borehole →	E11-154	E11-154	E11-155	E11-155	E11-156	E11-156	E11-156	E11-157	E11-157	E11-157
		Sample ID →	S1	S2	S1	S2	S1	S2	S3	S1	S2	S3
	Analyte↓	Depth, m →	0.0~0.5	~2.3	0.0~0.5	~1.8	0.0~0.5	~2.0	~6.45	0.0~0.5	~2.0	~4.5
1	2,4,5-T	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	2,4,5-TP (Silvex)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	2,4-D	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	2,4-DB	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Dicamba	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 4. Continued

No		Borehole →	E11-158	E11-158	E11-158	E11-158	E11-159	E11-159	E11-159	E11-159	E11-160	E11-160
		Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~8.5	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	2,4,5-T	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	2,4,5-TP (Silvex)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	2,4-D	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	2,4-DB	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Dicamba	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 4. Continued

No		Borehole →	E11-160	E11-161	E11-161	E11-161	E11-161	E11-162	E11-162	E11-163	E11-163	E11-163
		Sample ID →	S3	S1	S2	S3	S4	S1	S2	S1	S2	S3
	Analyte↓	Depth, m →	~3.4	0.0~0.5	~2.0	~5.0	~7.9	0.0~0.5	~1.52	0.0~0.5	~2.0	~5.0
1	2,4,5-T	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	2,4,5-TP (Silvex)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	2,4-D	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	2,4-DB	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Dicamba	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 4. Continued

No		Borehole →	E11-163	E11-164	E11-164	E11-164	E11-164	E11-165	E11-165	E11-165	E11-165	E11-166
		Sample ID →	S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~10.0	0.0~0.5	~2.0	~5.0	~11.0	0.0~0.5	~2.0	~5.0	~10.0	0.3~0.8
1	2,4,5-T	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	2,4,5-TP (Silvex)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	2,4-D	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	2,4-DB	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Dicamba	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 4. Continued

No		Borehole →	E11-166	E11-167	E11-167	E11-167	E11-168	E11-168	E11-169	E11-169	E11-170	E11-170
		Sample ID →	S2	S1	S2	S3	S1	S2	S1	S2	S1	S2
	Analyte↓	Depth, m →	~2.7	0.0~0.5	~2.0	~5.5	0.0~0.5	~3.0	0.0~0.5	~1.8	0.0~0.5	~2.0
1	2,4,5-T	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	2,4,5-TP (Silvex)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	2,4-D	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	2,4-DB	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Dicamba	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 4. Continued

No		Borehole →	E11-170	E11-170	E11-171	E11-171	E11-171	E11-172	E11-172	E11-172	E11-172	E11-173
		Sample ID →	S3	S4	S1	S2	S3	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~5.0	~7.5	0.0~0.5	~2.0	~6.5	0.0~0.5	~2.0	~5.0	~8.7	0.0~0.5
1	2,4,5-T	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	2,4,5-TP (Silvex)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	2,4-D	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	2,4-DB	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Dicamba	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 4. Continued

No		Borehole →	E11-173	E11-173	E11-173	E11-174	E11-174	E11-174	E11-174	E11-175	E11-175	E11-175
		Sample ID →	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3
	Analyte↓	Depth, m →	~2.0	~5.0	~10.0	0.3~0.8	~2.3	2.3~5.3	~8.9	0.0~0.5	~2.0	~5.0
1	2,4,5-T	mg/kg	ND	ND	ND	ND	ND R	ND	ND	ND	ND	ND
2	2,4,5-TP (Silvex)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	2,4-D	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	2,4-DB	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Dicamba	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 4. Continued

No		Borehole →	E11-175	E11-176	E11-176	E11-176	E11-176	E11-177	E11-177	E11-177	E11-177	E11-178
		Sample ID →	S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~7.25	0.0~0.5	~2.0	~5.0	~10.0	0.4~0.9	~2.4	~5.4	~9.0	0.0~0.5
1	2,4,5-T	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	2,4,5-TP (Silvex)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	2,4-D	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	2,4-DB	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Dicamba	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 4. Continued

No		Borehole →	E11-178	E11-178	E11-178	E11-179	E11-179	E11-179	E11-179	E11-180	E11-180	E11-180
		Sample ID →	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3
	Analyte↓	Depth, m →	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0
1	2,4,5-T	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	2,4,5-TP (Silvex)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	2,4-D	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	2,4-DB	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Dicamba	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 4. Continued

No		Borehole →	E11-180	E11-181	E11-181	E11-181	E11-182	E11-182	E11-182	E11-182	E11-183	E11-183
		Sample ID →	S4	S1	S2	S3	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	~10.0	0.0~0.5	~2.0	~5.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	2,4,5-T	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	2,4,5-TP (Silvex)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	2,4-D	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	2,4-DB	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Dicamba	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 4. Continued

No		Borehole →	E11-183	E11-183	E11-184	E11-184	E11-184	E11-184	E11-185	E11-185	E11-185	E11-185
		Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~8.75	0.0~0.5	~2.0	~5.0	~8.8
1	2,4,5-T	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	2,4,5-TP (Silvex)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	2,4-D	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	2,4-DB	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Dicamba	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 4. Continued

No		Borehole →	E11-186	E11-186	E11-186	E11-186	E11-187	E11-187	E11-187	E11-187	E11-188	E11-188
		Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~8.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	2,4,5-T	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	2,4,5-TP (Silvex)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND R	ND	ND
3	2,4-D	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	2,4-DB	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND R	ND	ND
5	Dicamba	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 4. Continued

No		Borehole →	E11-188	E11-188	E11-189	E11-189	E11-189	E11-189	E11-190	E11-190	E11-190	E11-190
		Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~9.6	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~10.0
1	2,4,5-T	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	2,4,5-TP (Silvex)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	2,4-D	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	2,4-DB	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Dicamba	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 4. Continued

No		Borehole →	E11-191	E11-191	E11-191	E11-191	E11-192	E11-192	E11-192	E11-192	E11-193	E11-193
		Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~7.7	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	2,4,5-T	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	2,4,5-TP (Silvex)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	2,4-D	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	2,4-DB	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Dicamba	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 4. Continued

No		Borehole →	E11-193	E11-193	E11-194	E11-194	E11-194	E11-194	E11-195	E11-195	E11-195	E11-195
		Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~8.6	0.3~0.8	~2.0	~5.0	~10.0	0.3~0.8	~2.0	~5.0	~10.0
1	2,4,5-T	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	2,4,5-TP (Silvex)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	2,4-D	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	2,4-DB	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Dicamba	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 4. Continued

No			Borehole →	E11-196	E11-196	E11-196	E11-196
			Sample ID →	S1	S2	S3	S4
	Analyte↓		Depth, m →	0.3~0.8	~2.3	~5.3	~10.3
1	2,4,5-T	mg/kg		ND	ND	ND	ND
2	2,4,5-TP (Silvex)	mg/kg		ND	ND	ND	ND
3	2,4-D	mg/kg		ND	ND	ND	ND
4	2,4-DB	mg/kg		ND	ND	ND	ND
5	Dicamba	mg/kg		ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 5. Summary of Organochlorine Pesticide Results for Phase II and IIb Soil Samples

No		Borehole →	E11-154	E11-154	E11-155	E11-155	E11-156	E11-156	E11-156	E11-157	E11-157	E11-157
		Sample ID →	S1	S2	S1	S2	S1	S2	S3	S1	S2	S3
	Analyte↓	Depth, m →	0.0~0.5	~2.3	0.0~0.5	~1.8	0.0~0.5	~2.0	~6.45	0.0~0.5	~2.0	~4.5
1	4,4'-DDD	µg/kg	ND	2.74	ND	5.14 J	0.807 J	2.15 J	0.815 J	ND	1.74 J	ND
2	4,4'-DDE	µg/kg	1.07 J	1.71 J	ND	3.43 J	3.65	2.52	0.85 J	1.37 J	4.44	ND
3	4,4'-DDT	µg/kg	3.61	5.22	1.05 J	11.8	8.36	ND	ND	1.85 J	13.3	0.909 J
4	Aldrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	alpha-BHC	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	alpha-Chlordane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	beta-BHC	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	delta-BHC	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	Dieldrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Endosulfan I	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Endosulfan II	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Endosulfan sulfate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Endrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Endrin aldehyde	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Endrin ketone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	gamma-BHC (Lindane)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	gamma-Chlordane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Heptachlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Heptachlor epoxide	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Methoxychlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Toxaphene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 5. Continued

No		Borehole →	E11-158	E11-158	E11-158	E11-158	E11-159	E11-159	E11-159	E11-159	E11-160	E11-160
		Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~8.5	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	4,4'-DDD	µg/kg	ND	34.4	ND	ND	1.22 J	19.7	0.795 J	ND	ND	ND
2	4,4'-DDE	µg/kg	ND	15.7	ND	ND	4.36	50.4	1.63 J	ND	ND	ND
3	4,4'-DDT	µg/kg	1.08 J	74.7	ND	ND	19.5	174	4.14	2 J	ND	ND
4	Aldrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	alpha-BHC	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	alpha-Chlordane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	beta-BHC	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	delta-BHC	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	Dieldrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Endosulfan I	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Endosulfan II	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Endosulfan sulfate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Endrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Endrin aldehyde	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Endrin ketone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	gamma-BHC (Lindane)	µg/kg	ND	ND	ND	ND	ND	1.87	ND	ND	ND	ND
17	gamma-Chlordane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Heptachlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Heptachlor epoxide	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Methoxychlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Toxaphene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 5. Continued

No		Borehole →	E11-160	E11-161	E11-161	E11-161	E11-161	E11-162	E11-162	E11-163	E11-163	E11-163
		Sample ID →	S3	S1	S2	S3	S4	S1	S2	S1	S2	S3
	Analyte↓	Depth, m →	~3.4	0.0~0.5	~2.0	~5.0	~7.9	0.0~0.5	~1.52	0.0~0.5	~2.0	~5.0
1	4,4'-DDD	µg/kg	ND	12.8	9	ND	ND	0.764 J	ND	1.02 J	91	ND
2	4,4'-DDE	µg/kg	ND	5.3	5.97	ND	ND	1.85 J	ND	6.05	44.9	ND
3	4,4'-DDT	µg/kg	ND	68.4	49.3	ND	ND	4.11	ND	11	134	2.43
4	Aldrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	alpha-BHC	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	alpha-Chlordane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	beta-BHC	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	delta-BHC	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	Dieldrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Endosulfan I	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Endosulfan II	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Endosulfan sulfate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Endrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Endrin aldehyde	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Endrin ketone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	gamma-BHC (Lindane)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	12.6 J	ND
17	gamma-Chlordane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Heptachlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Heptachlor epoxide	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Methoxychlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Toxaphene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

3350

Table 5. Continued

No		Borehole →	E11-163	E11-164	E11-164	E11-164	E11-164	E11-165	E11-165	E11-165	E11-165	E11-166
		Sample ID →	S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~10.0	0.0~0.5	~2.0	~5.0	~11.0	0.0~0.5	~2.0	~5.0	~10.0	0.3~0.8
1	4,4'-DDD	µg/kg	ND	ND	21	1.28 J	ND	ND	6.11	261	3.89	1.81 J
2	4,4'-DDE	µg/kg	ND	ND	46	1.42 J	ND	1.35 J	8.04	58.3 J	1.8 J	7.31
3	4,4'-DDT	µg/kg	2.96	1.24 J	134	18	ND	ND	68.6	643	15.7	18.7
4	Aldrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	alpha-BHC	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	0.887 J	ND
6	alpha-Chlordane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	beta-BHC	µg/kg	ND	ND	ND	ND	ND	ND	0.647 J	ND	0.732 J	ND
8	delta-BHC	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	1.16 J	ND
9	Dieldrin	µg/kg	ND	ND	3.24	ND	ND	ND	ND	ND	ND	ND
10	Endosulfan I	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Endosulfan II	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Endosulfan sulfate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Endrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Endrin aldehyde	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Endrin ketone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	gamma-BHC (Lindane)	µg/kg	ND	ND	1.99	ND	ND	ND	1.4 J	56.4 J	43.8	ND
17	gamma-Chlordane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Heptachlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Heptachlor epoxide	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Methoxychlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Toxaphene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 5. Continued

No		Borehole →	E11-166	E11-167	E11-167	E11-167	E11-168	E11-168	E11-169	E11-169	E11-170	E11-170
		Sample ID →	S2	S1	S2	S3	S1	S2	S1	S2	S1	S2
	Analyte↓	Depth, m →	~2.7	0.0~0.5	~2.0	~5.5	0.0~0.5	~3.0	0.0~0.5	~1.8	0.0~0.5	~2.0
1	4,4'-DDD	µg/kg	ND	645	617	46.5	356	5.63	183 J	95.9	1130	2.19 J
2	4,4'-DDE	µg/kg	ND	428 J	297 J	54	198	4.57	248	47.1	2830	3.18
3	4,4'-DDT	µg/kg	0.807 J	8160	9150	225	814	29.7	1020	145	3780	4.97
4	Aldrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	alpha-BHC	µg/kg	ND	10.9 J	47.8	ND	ND	ND	ND	ND	ND	ND
6	alpha-Chlordane	µg/kg	ND	6.77 J	3.29 J	ND	19.7	1.26 J	9.3	1.21 J	ND	ND
7	beta-BHC	µg/kg	ND	11.9 J	24.3	ND	ND	ND	3.04 J	ND	ND	ND
8	delta-BHC	µg/kg	ND	26.5	56.5	ND	ND	ND	ND	ND	ND	ND
9	Dieldrin	µg/kg	ND	60.3	52.9	ND	16.5 J	ND	16.5	ND	ND	ND
10	Endosulfan I	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Endosulfan II	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Endosulfan sulfate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Endrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Endrin aldehyde	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Endrin ketone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	gamma-BHC (Lindane)	µg/kg	0.925 J	388	870	47.9	ND	ND	ND	ND	4.32 J	ND
17	gamma-Chlordane	µg/kg	ND	8.2 J	3.69 J	ND	20.5	1.25 J	9.82	1.17 J	2.72 J	ND
18	Heptachlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Heptachlor epoxide	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Methoxychlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Toxaphene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 5. Continued

No		Borehole →	E11-170	E11-170	E11-171	E11-171	E11-171	E11-172	E11-172	E11-172	E11-172	E11-173
		Sample ID →	S3	S4	S1	S2	S3	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~5.0	~7.5	0.0~0.5	~2.0	~6.5	0.0~0.5	~2.0	~5.0	~8.7	0.0~0.5
1	4,4'-DDD	µg/kg	1.25 J	ND	45.1	1880	333	174	704 J	1.29 J	1.68 J	115
2	4,4'-DDE	µg/kg	1.28 J	ND	23.6	491 J	59.8	145	205	0.703 J	0.805 J	158
3	4,4'-DDT	µg/kg	ND	ND	208	5340	63.4	436	11200	5.4	11.3	198
4	Aldrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.04
5	alpha-BHC	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	alpha-Chlordane	µg/kg	ND	ND	ND	78.7	ND	15.6 J	ND	ND	ND	1.15 J
7	beta-BHC	µg/kg	ND	ND	ND	2.96 J	ND	ND	ND	ND	ND	ND
8	delta-BHC	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	Dieldrin	µg/kg	ND	ND	ND	ND	ND	ND	48.3	ND	ND	61.7
10	Endosulfan I	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Endosulfan II	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Endosulfan sulfate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Endrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Endrin aldehyde	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Endrin ketone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	gamma-BHC (Lindane)	µg/kg	1.69 J	ND	ND	4.5 J	ND	ND	72.9	0.723 J	ND	ND
17	gamma-Chlordane	µg/kg	ND	ND	2.64 J	93	ND	16.6 J	ND	ND	ND	1.57 J
18	Heptachlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Heptachlor epoxide	µg/kg	ND	ND	ND	8.27 J	ND	ND	ND	ND	ND	ND
20	Methoxychlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Toxaphene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 5. Continued

No		Borehole →	E11-173	E11-173	E11-173	E11-174	E11-174	E11-174	E11-174	E11-175	E11-175	E11-175
		Sample ID →	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3
	Analyte↓	Depth, m →	~2.0	~5.0	~10.0	0.3~0.8	~2.3	2.3~5.3	~8.9	0.0~0.5	~2.0	~5.0
1	4,4'-DDD	µg/kg	23.4	4.04	ND	211	577 J	1.14 J	3.29	364	267	6.54
2	4,4'-DDE	µg/kg	14.1	2.51	ND	55.6	ND	0.747 J	0.959 J	186	12.4	1.61 J
3	4,4'-DDT	µg/kg	62.6	1.1 J	ND	2270	1850	9.84	7.95	110	52.2	12.7
4	Aldrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	alpha-BHC	µg/kg	ND	ND	1.71 J	417	209 J	1.03 J	0.851 J	ND	ND	ND
6	alpha-Chlordane	µg/kg	3.15	ND	ND	ND	ND	ND	ND	33.4	1.04 J	ND
7	beta-BHC	µg/kg	ND	ND	ND	112	ND	0.817 J	0.684 J	1.18 J	ND	ND
8	delta-BHC	µg/kg	ND	ND	0.911 J	427	301 J	1.88	1.58 J	0.69 J	ND	ND
9	Dieldrin	µg/kg	ND	1.87 J	ND	ND	ND	ND	ND	13	1.76 J	ND
10	Endosulfan I	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Endosulfan II	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Endosulfan sulfate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Endrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Endrin aldehyde	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Endrin ketone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	gamma-BHC (Lindane)	µg/kg	ND	ND	9.08	13900	4010	16.8	8.97	2.62	0.559 J	ND
17	gamma-Chlordane	µg/kg	3.98	ND	ND	ND	ND	ND	ND	35.7	ND	ND
18	Heptachlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Heptachlor epoxide	µg/kg	ND	ND	ND	ND	ND	ND	ND	3.07	ND	ND
20	Methoxychlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Toxaphene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 5. Continued

No		Borehole →	E11-175	E11-176	E11-176	E11-176	E11-176	E11-177	E11-177	E11-177	E11-177	E11-178
		Sample ID →	S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~7.25	0.0~0.5	~2.0	~5.0	~10.0	0.4~0.9	~2.4	~5.4	~9.0	0.0~0.5
1	4,4'-DDD	µg/kg	ND	320	90	8.72	0.839 J	122	128	ND	ND	7400
2	4,4'-DDE	µg/kg	ND	228	52.2	2.62	ND	66.2	78.7	ND	ND	1600
3	4,4'-DDT	µg/kg	ND	454	226	1.5 J	ND	214	207	ND	0.755 J	26900
4	Aldrin	µg/kg	ND	9.27	4.3	ND	ND	ND	ND	ND	ND	ND
5	alpha-BHC	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	alpha-Chlordane	µg/kg	ND	1.6 J	2.44	ND	ND	ND	ND	ND	ND	ND
7	beta-BHC	µg/kg	ND	ND	1.99	ND	ND	ND	7.54 J	ND	ND	10.7
8	delta-BHC	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	Dieldrin	µg/kg	ND	87	31.1	2.12 J	ND	ND	9.51 J	ND	ND	336 J
10	Endosulfan I	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Endosulfan II	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Endosulfan sulfate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Endrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Endrin aldehyde	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Endrin ketone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	gamma-BHC (Lindane)	µg/kg	ND	ND	ND	ND	ND	ND	12.8 J	0.923 J	ND	5.26 J
17	gamma-Chlordane	µg/kg	ND	2.18	3.08	ND	ND	ND	ND	ND	ND	ND
18	Heptachlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	4 J
19	Heptachlor epoxide	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.1
20	Methoxychlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Toxaphene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 5. Continued

No		Borehole →	E11-178	E11-178	E11-178	E11-179	E11-179	E11-179	E11-179	E11-180	E11-180	E11-180
		Sample ID →	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3
	Analyte↓	Depth, m →	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0
1	4,4'-DDD	µg/kg	74.7	11.6	8.36	13500	459	212	129	27	6.67	59.3
2	4,4'-DDE	µg/kg	29.2	2.39	2.46	1620	15.4	6.04	4.28	80.2	9.76	7.7
3	4,4'-DDT	µg/kg	243	36	18.1	70200	111	44.9 J	29 J	74	61.6	18
4	Aldrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	alpha-BHC	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.765 J
6	alpha-Chlordane	µg/kg	ND	ND	ND	11 J	0.768 J	ND	ND	ND	ND	0.761 J
7	beta-BHC	µg/kg	0.6 J	ND	ND	34.4	1.23 J	ND	ND	ND	ND	1.79
8	delta-BHC	µg/kg	ND	ND	ND	29.9	ND	ND	ND	ND	ND	5.57
9	Dieldrin	µg/kg	3.13	0.851 J	ND	127	ND	1.52 J	ND	ND	ND	ND
10	Endosulfan I	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Endosulfan II	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Endosulfan sulfate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Endrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Endrin aldehyde	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Endrin ketone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	gamma-BHC (Lindane)	µg/kg	1.9	4.11	ND	32	0.897 J	ND	ND	ND	ND	ND
17	gamma-Chlordane	µg/kg	ND	ND	ND	13.1 J	0.84 J	ND	ND	ND	ND	1.16 J
18	Heptachlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Heptachlor epoxide	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Methoxychlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Toxaphene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 5. Continued

No			Borehole →	E11-180	E11-181	E11-181	E11-181	E11-182	E11-182	E11-182	E11-182	E11-183	E11-183
			Sample ID →	S4	S1	S2	S3	S1	S2	S3	S4	S1	S2
	Analyte↓		Depth, m →	~10.0	0.0~0.5	~2.0	~5.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	4,4'-DDD	µg/kg		3.99	210	9.35 J	13	6.09	190	4180	0.981 J	ND	1.15 J
2	4,4'-DDE	µg/kg		ND	216	11.2 J	6.94	36.5	78.8	308	ND	ND	2.84
3	4,4'-DDT	µg/kg		1.73 J	1970	89.1	48	22.9	730	7470	1.71 J	ND	12.2
4	Aldrin	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	alpha-BHC	µg/kg		ND	ND	ND	ND	ND	ND	7.23	ND	ND	ND
6	alpha-Chlordane	µg/kg		ND	6.46	ND	0.55 J	ND	ND	1.66 J	ND	ND	ND
7	beta-BHC	µg/kg		ND	ND	ND	0.841 J	ND	ND	9.11	ND	ND	ND
8	delta-BHC	µg/kg		ND	ND	ND	0.573 J	ND	ND	84.7	ND	ND	ND
9	Dieldrin	µg/kg		ND	16.3	ND	ND	ND	ND	21.8	ND	ND	ND
10	Endosulfan I	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Endosulfan II	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Endosulfan sulfate	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Endrin	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Endrin aldehyde	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Endrin ketone	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	gamma-BHC (Lindane)	µg/kg		ND	ND	ND	0.818 J	ND	19.7	305	ND	ND	ND
17	gamma-Chlordane	µg/kg		ND	5.92	ND	ND	ND	ND	2.03	ND	ND	ND
18	Heptachlor	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Heptachlor epoxide	µg/kg		ND	1.36 J	ND	ND	ND	ND	ND	ND	ND	ND
20	Methoxychlor	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Toxaphene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 5. Continued

No			Borehole →	E11-183	E11-183	E11-184	E11-184	E11-184	E11-184	E11-185	E11-185	E11-185	E11-185
			Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓		Depth, m →	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~8.75	0.0~0.5	~2.0	~5.0	~8.8
1	4,4'-DDD	µg/kg		150	ND	124	341 J	2.06 J	ND	427	257	2.61	ND
2	4,4'-DDE	µg/kg		17.2	ND	97.9	142	1.08 J	ND	134	99.5	1.78 J	ND
3	4,4'-DDT	µg/kg		89.7	0.726 J	620	3840	4.36	0.926 J	1510	422	11.2	ND
4	Aldrin	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	alpha-BHC	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	alpha-Chlordane	µg/kg		ND	ND	6.43 J	ND	ND	ND	ND	ND	ND	ND
7	beta-BHC	µg/kg		ND	0.607 J	ND	ND	ND	ND	ND	ND	ND	ND
8	delta-BHC	µg/kg		ND	1.11 J	ND	ND	ND	ND	ND	ND	ND	ND
9	Dieldrin	µg/kg		ND	ND	10.2 J	ND	ND	ND	34.1 J	ND	ND	ND
10	Endosulfan I	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Endosulfan II	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Endosulfan sulfate	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Endrin	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Endrin aldehyde	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Endrin ketone	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	gamma-BHC (Lindane)	µg/kg		3.07	1.21 J	ND	ND	ND	ND	ND	ND	ND	ND
17	gamma-Chlordane	µg/kg		ND	ND	5.17 J	ND	ND	ND	ND	ND	ND	ND
18	Heptachlor	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Heptachlor epoxide	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Methoxychlor	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Toxaphene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 5. Continued

No			Borehole →	E11-186	E11-186	E11-186	E11-186	E11-187	E11-187	E11-187	E11-187	E11-188	E11-188
			Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓		Depth, m →	0.0~0.5	~2.0	~5.0	~8.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	4,4'-DDD	µg/kg		121	22.2	3.38	0.974 J	570 J	1750	3.21	1.34 J	2670	1640
2	4,4'-DDE	µg/kg		72.1	18.7	2.32	ND	ND	217	0.953 J	ND	435 J	297 J
3	4,4'-DDT	µg/kg		1130	178	18.4	4.57	1920	4570	8.04	ND	8020	4450
4	Aldrin	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	alpha-BHC	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	2.16	11.4 J
6	alpha-Chlordane	µg/kg		ND	0.703 J	ND	ND	2.63	11.3 J	0.632 J	ND	5.23	9.9 J
7	beta-BHC	µg/kg		ND	0.654 J	ND	ND	1.14 J	16.8	0.633 J	ND	6.46	9.76 J
8	delta-BHC	µg/kg		ND	ND	ND	ND	ND	17.5	ND	ND	12.7	19.3
9	Dieldrin	µg/kg		16.9 J	2.92	ND	ND	6.79	74.3	0.684 J	ND	ND	61.2
10	Endosulfan I	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Endosulfan II	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Endosulfan sulfate	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Endrin	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Endrin aldehyde	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Endrin ketone	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	2.31 J	ND
16	gamma-BHC (Lindane)	µg/kg		ND	ND	ND	ND	2.17	49.7	ND	ND	ND	190
17	gamma-Chlordane	µg/kg		ND	0.744 J	ND	ND	2.54	15 J	ND	ND	6.89	12.6 J
18	Heptachlor	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Heptachlor epoxide	µg/kg		ND	ND	ND	ND	0.943 J	ND	ND	ND	ND	ND
20	Methoxychlor	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Toxaphene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 5. Continued

No		Borehole →	E11-188	E11-188	E11-189	E11-189	E11-189	E11-189	E11-190	E11-190	E11-190	E11-190
		Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~9.6	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~10.0
1	4,4'-DDD	µg/kg	5.69	1.43 J	465	13.8	0.9 J	ND	ND	ND	ND	ND
2	4,4'-DDE	µg/kg	1.63 J	0.768 J	122	11.5	0.762 J	ND	ND	0.773 J	ND	ND
3	4,4'-DDT	µg/kg	17.6	ND	1340	85.7	ND	ND	ND	1.51 J	25.8	1.87 J
4	Aldrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	alpha-BHC	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	alpha-Chlordane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	beta-BHC	µg/kg	ND	ND	13.5 J	1.25 J	1.18 J	ND	ND	ND	ND	ND
8	delta-BHC	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	Dieldrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Endosulfan I	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Endosulfan II	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Endosulfan sulfate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Endrin	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Endrin aldehyde	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Endrin ketone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	gamma-BHC (Lindane)	µg/kg	0.934 J	ND	56.5	2.41	ND	ND	ND	ND	ND	1.1 J
17	gamma-Chlordane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Heptachlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Heptachlor epoxide	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Methoxychlor	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Toxaphene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 5. Continued

No			Borehole →	E11-191	E11-191	E11-191	E11-191	E11-192	E11-192	E11-192	E11-192	E11-193	E11-193
			Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓		Depth, m →	0.0~0.5	~2.0	~5.0	~7.7	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	4,4'-DDD	µg/kg		2.46	4560	23.8	207	ND	1.4 J	12.7	0.972 J	2.64	7.34
2	4,4'-DDE	µg/kg		2.58	ND	0.925 J	8.51	ND	1.37 J	21.8	ND	4.88	10.2
3	4,4'-DDT	µg/kg		5.39	20000	129	1220	ND	3.04	95.9	8	16	41
4	Aldrin	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	alpha-BHC	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	alpha-Chlordane	µg/kg		ND	ND	ND	ND	ND	ND	0.607 J	ND	ND	ND
7	beta-BHC	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	delta-BHC	µg/kg		ND	1.29 J	ND	ND	ND	ND	ND	ND	ND	ND
9	Dieldrin	µg/kg		ND	ND	ND	ND	ND	ND	0.772 J	ND	ND	ND
10	Endosulfan I	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Endosulfan II	µg/kg		ND	ND R	ND	ND	ND	ND	ND	ND	ND	ND
12	Endosulfan sulfate	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Endrin	µg/kg		ND	ND R	ND	ND	ND	ND	ND	ND	ND	ND
14	Endrin aldehyde	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Endrin ketone	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	gamma-BHC (Lindane)	µg/kg		ND	2.88	ND	0.778 J	ND	ND	0.987 J	ND	ND	ND
17	gamma-Chlordane	µg/kg		ND	ND	ND	ND	ND	ND	0.709 J	ND	ND	ND
18	Heptachlor	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Heptachlor epoxide	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Methoxychlor	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Toxaphene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 5. Continued

No			Borehole →	E11-193	E11-193	E11-194	E11-194	E11-194	E11-194	E11-195	E11-195	E11-195	E11-195
			Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓		Depth, m →	~5.0	~8.6	0.3~0.8	~2.0	~5.0	~10.0	0.3~0.8	~2.0	~5.0	~10.0
1	4,4'-DDD	µg/kg		ND	ND	1.49 J	ND	ND	ND	ND	ND	ND	ND
2	4,4'-DDE	µg/kg		ND	ND	2.09 J	ND	ND	ND	1.41 J	ND	ND	ND
3	4,4'-DDT	µg/kg		1.11 J	ND	ND	ND	ND	ND	1.31 J	ND	ND	ND
4	Aldrin	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	alpha-BHC	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	alpha-Chlordane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	beta-BHC	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	delta-BHC	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	Dieldrin	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Endosulfan I	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Endosulfan II	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Endosulfan sulfate	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Endrin	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Endrin aldehyde	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Endrin ketone	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	gamma-BHC (Lindane)	µg/kg		ND	0.76 J	ND	ND	ND	ND	ND	ND	ND	ND
17	gamma-Chlordane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Heptachlor	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Heptachlor epoxide	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Methoxychlor	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Toxaphene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 5. Continued

No		Borehole →	E11-196	E11-196	E11-196	E11-196
		Sample ID →	S1	S2	S3	S4
	Analyte↓	Depth, m →	0.3~0.8	~2.3	~5.3	~10.3
1	4,4'-DDD	µg/kg	3.86	ND	ND	ND
2	4,4'-DDE	µg/kg	9.1	ND	ND	ND
3	4,4'-DDT	µg/kg	21.1	ND	ND	ND
4	Aldrin	µg/kg	ND	ND	ND	ND
5	alpha-BHC	µg/kg	ND	ND	ND	ND
6	alpha-Chlordane	µg/kg	ND	ND	ND	ND
7	beta-BHC	µg/kg	ND	ND	ND	ND
8	delta-BHC	µg/kg	ND	ND	ND	ND
9	Dieldrin	µg/kg	ND	ND	ND	ND
10	Endosulfan I	µg/kg	ND	ND	ND R	ND
11	Endosulfan II	µg/kg	ND	ND	ND	ND
12	Endosulfan sulfate	µg/kg	ND	ND	ND	ND
13	Endrin	µg/kg	ND	ND	ND	ND
14	Endrin aldehyde	µg/kg	ND	ND	ND	ND
15	Endrin ketone	µg/kg	ND	ND	ND	ND
16	gamma-BHC (Lindane)	µg/kg	ND	ND	ND	ND
17	gamma-Chlordane	µg/kg	ND	ND	ND	ND
18	Heptachlor	µg/kg	ND	ND	ND	ND
19	Heptachlor epoxide	µg/kg	ND	ND	ND	ND
20	Methoxychlor	µg/kg	ND	ND	ND	ND
21	Toxaphene	µg/kg	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 6. Summary of Organophosphorus Pesticide Results for Phase II and IIb Soil Samples

No		Borehole →	E11-154	E11-154	E11-155	E11-155	E11-156	E11-156	E11-156	E11-157	E11-157	E11-157
		Sample ID →	S1	S2	S1	S2	S1	S2	S3	S1	S2	S3
	Analyte↓	Depth, m →	0.0~0.5	~2.3	0.0~0.5	~1.8	0.0~0.5	~2.0	~6.45	0.0~0.5	~2.0	~4.5
1	Bolstar	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	Chlorpyrifos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	Coumaphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	Demeton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Diazinon	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	Dichlorvos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	Dimethoate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	Disulfoton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	EPN	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Ethoprop	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Ethyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Fensulfothion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Fenthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Malathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Methyl Azinphos(Guthion)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	Methyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	Merphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Mevinphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Monocrotophos	µg/kg	ND	ND R	ND	ND	ND	ND	ND	ND	ND	ND
20	Naled	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Phorate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	Ronnel	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Sulfotep	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	Stirophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	TEPP	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Tokuthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Trichloronate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 6. Continued

No		Borehole →	E11-158	E11-158	E11-158	E11-158	E11-159	E11-159	E11-159	E11-159	E11-160	E11-160
		Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~8.5	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	Bolstar	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	Chlorpyrifos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	Coumaphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	Demeton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Diazinon	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	Dichlorvos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	Dimethoate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	Disulfoton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	EPN	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Ethoprop	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Ethyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Fensulfothion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Fenthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Malathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Methyl Azinphos(Guthion)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	Methyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	Merphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Mevinphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Monocrotophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND R
20	Naled	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Phorate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	Ronnel	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Sulfotep	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	Stirophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	TEPP	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Tokuthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Trichloronate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 6. Continued

No		Borehole →	E11-160	E11-161	E11-161	E11-161	E11-161	E11-162	E11-162	E11-163	E11-163	E11-163
		Sample ID →	S3	S1	S2	S3	S4	S1	S2	S1	S2	S3
	Analyte↓	Depth, m →	~3.4	0.0~0.5	~2.0	~5.0	~7.9	0.0~0.5	~1.52	0.0~0.5	~2.0	~5.0
1	Bolstar	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	Chlorpyrifos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	Coumaphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	Demeton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Diazinon	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	Dichlorvos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	Dimethoate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	Disulfoton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	EPN	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Ethoprop	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Ethyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Fensulfothion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Fenthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Malathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Methyl Azinphos(Guthion)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	Methyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	Merphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Mevinphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Monocrotophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Naled	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Phorate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	Ronnel	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Sulfotep	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	Stirophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	TEPP	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Tokuthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Trichloronate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 6. Continued

No		Borehole →	E11-163	E11-164	E11-164	E11-164	E11-164	E11-165	E11-165	E11-165	E11-165	E11-166
		Sample ID →	S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~10.0	0.0~0.5	~2.0	~5.0	~11.0	0.0~0.5	~2.0	~5.0	~10.0	0.3~0.8
1	Bolstar	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	Chlorpyrifos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	Coumaphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	Demeton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Diazinon	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	Dichlorvos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	Dimethoate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	Disulfoton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	EPN	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Ethoprop	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Ethyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Fensulfothion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Fenthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Malathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Methyl Azinphos(Guthion)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	Methyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	Merphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Mevinphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Monocrotophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Naled	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Phorate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	Ronnel	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Sulfotep	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	Stirophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	TEPP	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Tokuthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Trichloronate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 6. Continued

No	Borehole →		E11-166	E11-167	E11-167	E11-167	E11-168	E11-168	E11-169	E11-169	E11-170	E11-170
	Sample ID →		S2	S1	S2	S3	S1	S2	S1	S2	S1	S2
	Analyte↓	Depth, m →	~2.7	0.0~0.5	~2.0	~5.5	0.0~0.5	~3.0	0.0~0.5	~1.8	0.0~0.5	~2.0
1	Bolstar	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	Chlorpyrifos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	Coumaphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	Demeton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Diazinon	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	Dichlorvos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	Dimethoate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	Disulfoton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	EPN	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Ethoprop	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Ethyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Fensulfothion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Fenthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Malathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Methyl Azinphos(Guthion)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	Methyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	Merphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Mevinphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Monocrotophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Naled	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Phorate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	Ronnel	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Sulfotep	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	Stirophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	TEPP	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Tokuthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Trichloronate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 6. Continued

No		Borehole →	E11-170	E11-170	E11-171	E11-171	E11-171	E11-172	E11-172	E11-172	E11-172	E11-173
		Sample ID →	S3	S4	S1	S2	S3	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~5.0	~7.5	0.0~0.5	~2.0	~6.5	0.0~0.5	~2.0	~5.0	~8.7	0.0~0.5
1	Bolstar	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	Chlorpyrifos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	Coumaphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	Demeton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Diazinon	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	Dichlorvos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	Dimethoate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	Disulfoton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	EPN	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Ethoprop	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Ethyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Fensulfothion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Fenthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Malathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Methyl Azinphos(Guthion)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	Methyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	Merphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Mevinphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Monocrotophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND R	ND
20	Naled	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Phorate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	Ronnel	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Sulfotep	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	Stirophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	TEPP	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND R	ND
26	Tokuthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Trichloronate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 6. Continued

No		Borehole →	E11-173	E11-173	E11-173	E11-174	E11-174	E11-174	E11-174	E11-175	E11-175	E11-175
		Sample ID →	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3
	Analyte↓	Depth, m →	~2.0	~5.0	~10.0	0.3~0.8	~2.3	2.3~5.3	~8.9	0.0~0.5	~2.0	~5.0
1	Bolstar	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	Chlorpyrifos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	Coumaphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	Demeton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Diazinon	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	Dichlorvos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	Dimethoate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	Disulfoton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	EPN	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Ethoprop	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Ethyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Fensulfothion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Fenthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Malathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Methyl Azinphos(Guthion)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	Methyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	Merphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Mevinphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Monocrotophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Naled	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Phorate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	Ronnel	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Sulfotep	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	Stirophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	TEPP	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Tokuthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Trichloronate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 6. Continued

No	Borehole →		E11-175	E11-176	E11-176	E11-176	E11-176	E11-177	E11-177	E11-177	E11-177	E11-178
	Sample ID →		S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~7.25	0.0~0.5	~2.0	~5.0	~10.0	0.4~0.9	~2.4	~5.4	~9.0	0.0~0.5
1	Bolstar	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	Chlorpyrifos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	Coumaphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	Demeton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Diazinon	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	Dichlorvos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	Dimethoate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	Disulfoton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	EPN	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Ethoprop	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Ethyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Fensulfothion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Fenthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Malathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Methyl Azinphos(Guthion)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	Methyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	Merphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Mevinphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Monocrotophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Naled	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Phorate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	Ronnel	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Sulfotep	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	Stirophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	TEPP	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Tokuthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Trichloronate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 6. Continued

No		Borehole →	E11-178	E11-178	E11-178	E11-179	E11-179	E11-179	E11-179	E11-180	E11-180	E11-180
		Sample ID →	S2	S3	S4	S1	S2	S3	S4	S1	S2	S3
	Analyte↓	Depth, m →	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0
1	Bolstar	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	Chlorpyrifos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	Coumaphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	Demeton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Diazinon	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	Dichlorvos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	Dimethoate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	Disulfoton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	EPN	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Ethoprop	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Ethyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Fensulfothion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Fenthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Malathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Methyl Azinphos(Guthion)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	Methyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	Merphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Mevinphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Monocrotophos	µg/kg	ND	ND	ND	ND	ND	ND	ND R	ND	ND	ND
20	Naled	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Phorate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	Ronnel	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Sulfotep	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	Stirophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	TEPP	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Tokuthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Trichloronate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 6. Continued

No		Borehole →	E11-180	E11-181	E11-181	E11-181	E11-182	E11-182	E11-182	E11-182	E11-183	E11-183
	Analyte↓	Sample ID → / Depth, m →	S4 / ~10.0	S1 / 0.0~0.5	S2 / ~2.0	S3 / ~5.0	S1 / 0.0~0.5	S2 / ~2.0	S3 / ~5.0	S4 / ~10.0	S1 / 0.0~0.5	S2 / ~2.0
1	Bolstar	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	Chlorpyrifos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	Coumaphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	Demeton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Diazinon	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	Dichlorvos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	Dimethoate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	Disulfoton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	EPN	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Ethoprop	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Ethyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Fensulfothion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Fenthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Malathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Methyl Azinphos(Guthion)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	Methyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	Merphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Mevinphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Monocrotophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Naled	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Phorate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	Ronnel	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Sulfotep	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	Stirophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	TEPP	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Tokuthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Trichloronate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 6. Continued

No	Borehole →		E11-183	E11-183	E11-184	E11-184	E11-184	E11-184	E11-185	E11-185	E11-185	E11-185
	Sample ID →		S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~8.75	0.0~0.5	~2.0	~5.0	~8.8
1	Bolstar	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	Chlorpyrifos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	Coumaphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	Demeton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Diazinon	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	Dichlorvos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	Dimethoate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	Disulfoton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	EPN	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Ethoprop	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Ethyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Fensulfothion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Fenthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Malathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Methyl Azinphos(Guthion)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	Methyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	Merphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Mevinphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Monocrotophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Naled	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Phorate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	Ronnel	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Sulfotep	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	Stirophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	TEPP	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Tokuthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Trichloronate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND. Not detected

Table 6. Continued

No			Borehole →	E11-186	E11-186	E11-186	E11-186	E11-187	E11-187	E11-187	E11-187	E11-188	E11-188
			Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓		Depth, m →	0.0~0.5	~2.0	~5.0	~8.0	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	Bolstar	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	Chlorpyrifos	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	Coumaphos	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	Demeton	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Diazinon	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	Dichlorvos	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	Dimethoate	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	Disulfoton	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	EPN	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Ethoprop	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Ethyl Parathion	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Fensulfothion	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Fenthion	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Malathion	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Methyl Azinphos(Guthion)	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	Methyl Parathion	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	Merphos	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Mevinphos	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Monocrotophos	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Naled	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Phorate	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	Ronnel	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Sulfotep	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	Stirophos	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	TEPP	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Tokuthion	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Trichloronate	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND. Not detected

Table 6. Continued

No		Borehole →	E11-188	E11-188	E11-189	E11-189	E11-189	E11-189	E11-190	E11-190	E11-190	E11-190
		Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte ↓	Depth, m →	~5.0	~9.6	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0	~5.0	~10.0
1	Bolstar	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	Chlorpyrifos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	Coumaphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	Demeton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Diazinon	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	Dichlorvos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	Dimethoate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	Disulfoton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	EPN	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Ethoprop	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Ethyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Fensulfothion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Fenthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Malathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Methyl Azinphos(Guthion)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	Methyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	Merphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Mevinphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Monocrotophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Naled	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Phorate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	Ronnel	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Sulfotep	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	Stirophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	TEPP	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND R
26	Tokuthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Trichloronate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 6. Continued

No		Borehole →	E11-191	E11-191	E11-191	E11-191	E11-192	E11-192	E11-192	E11-192	E11-193	E11-193
		Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~7.7	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	Bolstar	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	Chlorpyrifos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	Coumaphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	Demeton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Diazinon	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	Dichlorvos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	Dimethoate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	Disulfoton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	EPN	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Ethoprop	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Ethyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Fensulfothion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Fenthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Malathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Methyl Azinphos(Guthion)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	Methyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	Merphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Mevinphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Monocrotophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Naled	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Phorate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	Ronnel	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Sulfotep	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	Stirophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	TEPP	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Tokuthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Trichloronate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 6. Continued

No		Borehole →	E11-193	E11-193	E11-194	E11-194	E11-194	E11-194	E11-195	E11-195	E11-195	E11-195
		Sample ID →	S3	S4	S1	S2	S3	S4	S1	S2	S3	S4
	Analyte↓	Depth, m →	~5.0	~8.6	0.3~0.8	~2.0	~5.0	~10.0	0.3~0.8	~2.0	~5.0	~10.0
1	Bolstar	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	Chlorpyrifos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	Coumaphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	Demeton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	Diazinon	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	Dichlorvos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	Dimethoate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	Disulfoton	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	EPN	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	Ethoprop	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	Ethyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	Fensulfothion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	Fenthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	Malathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	Methyl Azinphos(Guthion)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	Methyl Parathion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	Merphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Mevinphos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	Monocrotophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	Naled	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	Phorate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	Ronnel	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	Sulfotep	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	Stirophos	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	TEPP	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	Tokuthion	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	Trichloronate	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 6. Continued

No		Borehole →	E11-196	E11-196	E11-196	E11-196
		Sample ID →	S1	S2	S3	S4
	Analyte↓	Depth, m →	0.3~0.8	~2.3	~5.3	~10.3
1	Bolstar	µg/kg	ND	ND	ND	ND
2	Chlorpyrifos	µg/kg	ND	ND	ND	ND
3	Coumaphos	µg/kg	ND	ND	ND	ND
4	Demeton	µg/kg	ND	ND	ND	ND
5	Diazinon	µg/kg	ND	ND	ND	ND
6	Dichlorvos	µg/kg	ND	ND	ND	ND
7	Dimethoate	µg/kg	ND	ND	ND	ND
8	Disulfoton	µg/kg	ND	ND	ND	ND
9	EPN	µg/kg	ND	ND	ND	ND
10	Ethoprop	µg/kg	ND	ND	ND	ND
11	Ethyl Parathion	µg/kg	ND	ND	ND	ND
12	Fensulfothion	µg/kg	ND	ND	ND	ND
13	Fenthion	µg/kg	ND	ND	ND	ND
14	Malathion	µg/kg	ND	ND	ND	ND
15	Methyl Azinphos(Guthion)	µg/kg	ND	ND	ND	ND
16	Methyl Parathion	µg/kg	ND	ND	ND	ND
17	Merphos	µg/kg	ND	ND	ND	ND
18	Mevinphos	µg/kg	ND	ND	ND	ND
19	Monocrotophos	µg/kg	ND	ND	ND R	ND
20	Naled	µg/kg	ND	ND	ND	ND
21	Phorate	µg/kg	ND	ND	ND	ND
22	Ronnel	µg/kg	ND	ND	ND	ND
23	Sulfotep	µg/kg	ND	ND	ND	ND
24	Stirophos	µg/kg	ND	ND	ND	ND
25	TEPP	µg/kg	ND	ND	ND	ND
26	Tokuthion	µg/kg	ND	ND	ND	ND
27	Trichloronate	µg/kg	ND	ND	ND	ND

NOTES:

R: Data rejected

ND: Not detected

Table 7. Summary of Volatile Organic Compound Results for Phase II and IIb Soil Samples

No			Borehole →	E11-154	E11-154	E11-155	E11-155	E11-156	E11-156	E11-156	E11-157	E11-157	E11-157
			Sample ID →	S1	S2	S1	S2	S1	S2	S3	S1	S2	S3
	Analyte↓		Depth, m →	0.0~0.5	~2.3	0.0~0.5	~1.8	0.0~0.5	~2.0	~6.45	0.0~0.5	~2.0	~4.5
1	1,1,1,2-Tetrachloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,1,1-Trichloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,1,2,2-Tetrachloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,1,2-Trichloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	1,1-Dichloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	1,1-Dichloroethene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	1,1-Dichloropropene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	1,2,3-Trichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	1,2,3-Trichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	1,2,4-Trichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	1,2,4-Trimethylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	1,2-Dibromo-3-chloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	1,2-Dibromoethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	1,2-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	1,2-Dichloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	1,2-Dichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	1,3,5-Trimethylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	1,3-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	1,3-Dichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	1,4-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	2,2-Dichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	2-Butanone	µg/kg		ND	1.82 J	ND	9.61 J	ND	ND	ND	ND	ND	ND
23	2-Chlorotoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	2-Hexanone	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	4-Chlorotoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	4-Isopropyltoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	4-Methyl-2-pentanone	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Acetone	µg/kg		ND	ND	ND	42.5 J	16.9 J	20.7 J	7.36 J	ND	ND	ND
29	Benzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Bromobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Bromochloromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Bromodichloromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33	Bromoform	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bromomethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No		Borehole →	E11-154	E11-154	E11-155	E11-155	E11-156	E11-156	E11-156	E11-157	E11-157	E11-157
		Sample ID →	S1	S2	S1	S2	S1	S2	S3	S1	S2	S3
	Analyte↓	Depth, m →	0.0~0.5	~2.3	0.0~0.5	~1.8	0.0~0.5	~2.0	~6.45	0.0~0.5	~2.0	~4.5
35	Carbon disulfide	µg/kg	ND	0.976 J	ND	ND	ND	ND	ND	ND	ND	ND
36	Carbon tetrachloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Chlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Chloroform	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Chloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	cis-1,2-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	cis-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Dibromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Dibromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Dichlorodifluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Ethyl Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Isopropylbenzene (Cumene)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	m,p-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Methyl iodide	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	Methylene chloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Naphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	n-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	n-Propylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	o-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	sec-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Styrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND R
58	tert-Butyl methyl ether (MTBE)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	tert-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60	Tetrachloroethene	µg/kg	ND	ND	ND	ND	ND	1.39 J	ND	ND	ND	ND
61	Toluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
62	trans-1,2-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
63	trans-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64	trans-1,4-Dichloro-2-butene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	Trichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66	Trichlorofluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67	Vinyl chloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No	Borehole →		E11-158	E11-158	E11-158	E11-158	E11-159	E11-159	E11-159	E11-159	E11-160	E11-160
	Sample ID →		S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~8.5	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
1	1,1,1,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,1,1-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,1,2,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,1,2-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	1,1-Dichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	1,1-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	1,1-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	1,2,3-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	1,2,3-Trichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	1,2,4-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	1,2,4-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	1,2-Dibromo-3-chloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	1,2-Dibromoethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	1,2-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	1,2-Dichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	1,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	1,3,5-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	1,3-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	1,3-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	1,4-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	2,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	2-Butanone	µg/kg	ND	24.2 J	ND	ND	ND	ND	ND	ND	ND	ND
23	2-Chlorotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	2-Hexanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	4-Chlorotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	4-Isopropyltoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	4-Methyl-2-pentanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Acetone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
29	Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Bromobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Bromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Bromodichloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33	Bromoform	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No		Borehole →	E11-158	E11-158	E11-158	E11-158	E11-159	E11-159	E11-159	E11-159	E11-160	E11-160
		Sample ID →	S1	S2	S3	S4	S1	S2	S3	S4	S1	S2
	Analyte↓	Depth, m →	0.0~0.5	~2.0	~5.0	~8.5	0.0~0.5	~2.0	~5.0	~10.0	0.0~0.5	~2.0
35	Carbon disulfide	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Carbon tetrachloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Chlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Chloroform	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Chloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	cis-1,2-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	cis-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Dibromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Dibromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Dichlorodifluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Ethyl Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Isopropylbenzene (Cumene)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	m,p-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Methyl iodide	µg/kg	ND	5.23	ND	ND	ND	ND	ND	ND	ND	ND
51	Methylene chloride	µg/kg	5.26 J	ND	3.22 J	2.83 J	4.15 J	4.38 J	3.71 J	2.16 J	ND	ND
52	Naphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	n-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	n-Propylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	o-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	sec-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Styrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	tert-Butyl methyl ether (MTBE)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	tert-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60	Tetrachloroethene	µg/kg	ND	0.931 J	ND	ND	ND	ND	ND	ND	ND	ND
61	Toluene	µg/kg	1.61 J	1.14 J	0.707 J	ND	2.33 J	3.97 J	6.01	1.09 J	ND	ND
62	trans-1,2-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
63	trans-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64	trans-1,4-Dichloro-2-butene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	Trichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66	Trichlorofluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67	Vinyl chloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No	Borehole →		E11-160	E11-161	E11-161	E11-161	E11-161	E11-162	E11-162	E11-163	E11-163	E11-163
	Sample ID →		S3	S1	S2	S3	S4	S1	S2	S1	S2	S3
	Analyte↓	Depth, m →	~3.4	0.0~0.5	~2.0	~5.0	~7.9	0.0~0.5	~1.52	0.0~0.5	~2.0	~5.0
1	1,1,1,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,1,1-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,1,2,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,1,2-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	1,1-Dichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	1,1-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	1,1-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	1,2,3-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	1,2,3-Trichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	1,2,4-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	1,2,4-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	1,2-Dibromo-3-chloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	1,2-Dibromoethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	1,2-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	1,2-Dichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	1,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	1,3,5-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	1,3-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	1,3-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	1,4-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	2,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	2-Butanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	2-Chlorotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	2-Hexanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	4-Chlorotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	4-Isopropyltoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	4-Methyl-2-pentanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Acetone	µg/kg	ND	11.6 J	7.18 J	ND	5.23 J	12.5 J	ND	ND	ND	ND
29	Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Bromobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Bromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Bromodichloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33	Bromoform	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No			Borehole →	E11-160	E11-161	E11-161	E11-161	E11-161	E11-162	E11-162	E11-163	E11-163	E11-163
			Sample ID →	S3	S1	S2	S3	S4	S1	S2	S1	S2	S3
	Analyte↓		Depth, m →	~3.4	0.0~0.5	~2.0	~5.0	~7.9	0.0~0.5	~1.52	0.0~0.5	~2.0	~5.0
35	Carbon disulfide	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Carbon tetrachloride	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Chlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Chloroform	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Chloromethane	µg/kg		ND	ND	ND	ND R	ND	ND	ND	ND	ND	ND
41	cis-1,2-Dichloroethene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	cis-1,3-Dichloropropene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Dibromochloromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Dibromomethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Dichlorodifluoromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Ethyl Benzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobutadiene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Isopropylbenzene (Cumene)	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	m,p-Xylene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Methyl Iodide	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	Methylene chloride	µg/kg		ND	ND	ND	ND	ND	ND	ND	6.27 J	3.83 J	3.34 J
52	Naphthalene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	n-Butylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	n-Propylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	o-Xylene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	sec-Butylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Styrene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	tert-Butyl methyl ether (MTBE)	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	tert-Butylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60	Tetrachloroethene	µg/kg		ND	ND	ND	2.93 J	ND	ND	ND	ND	20.2	9.68
61	Toluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	1.64 J	3.11 J	0.834 J
62	trans-1,2-Dichloroethene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
63	trans-1,3-Dichloropropene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64	trans-1,4-Dichloro-2-butene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	Trichloroethene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	4.85	5.1
66	Trichlorofluoromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67	Vinyl chloride	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

3385

Table 7. Continued

No			Borehole →	E11-163	E11-164	E11-164	E11-164	E11-164	E11-165	E11-165	E11-165	E11-165	E11-166
			Sample ID →	S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
	Analyte↓		Depth, m →	~10.0	0.0~0.5	~2.0	~5.0	~11.0	0.0~0.5	~2.0	~5.0	~10.0	0.3~0.8
1	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	3 J	ND
6	1,1-Dichloroethene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	1,1-Dichloropropene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	1,2,3-Trichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	1,2,3-Trichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	1,2,4-Trichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	1,2,4-Trimethylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	1,2-Dibromo-3-chloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	1,2-Dibromoethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	1,2-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	1,2-Dichloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	1,2-Dichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	1,3,5-Trimethylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	1,3-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	1,3-Dichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	1,4-Dichlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	2.82 J	ND
21	2,2-Dichloropropane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	2-Butanone	µg/kg		ND	ND	ND	ND	ND	8.02 J	3.99 J	3.58 J	1.27 J	15.2 J
23	2-Chlorotoluene	µg/kg		ND	ND	ND	ND	23.3 J	ND	ND	ND	ND	ND
24	2-Hexanone	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	4-Chlorotoluene	µg/kg		ND	ND	ND	ND	52 J	ND	ND	ND	ND	ND
26	4-Isopropyltoluene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	4-Methyl-2-pentanone	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Acetone	µg/kg		ND	ND	ND	ND	ND	33.7 J	12.3 J	21.4 J	9.04 J	61.1
29	Benzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	1.52 J	ND
30	Bromobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Bromochloromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Bromodichloromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33	Bromoform	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bromomethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No	Borehole →		E11-163	E11-164	E11-164	E11-164	E11-164	E11-165	E11-165	E11-165	E11-165	E11-166
	Sample ID →		S4	S1	S2	S3	S4	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~10.0	0.0~0.5	~2.0	~5.0	~11.0	0.0~0.5	~2.0	~5.0	~10.0	0.3~0.8
35	Carbon disulfide	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	0.721 J	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	6.86	ND
38	Chloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Chloroform	µg/kg	2.25 J	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	10.4	ND	ND	4.62	116	ND	ND	ND	20.7	ND
42	cis-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Dibromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Dibromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Dichlorodifluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Ethyl Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Isopropylbenzene (Cumene)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	m,p-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Methyl Iodide	µg/kg	ND	ND	ND	ND	ND	2.18 J	1.74 J	1.89 J	ND	6.78
51	Methylene chloride	µg/kg	2.44 J	4.34 J	5.47 J	2.86 J	38.2 J	1 J	ND	ND	ND	2.7 J
52	Naphthalene	µg/kg	ND	ND	ND	ND	17 J	ND	ND	ND	ND	ND
53	n-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	n-Propylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	o-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	sec-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Styrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	tert-Butyl methyl ether (MTBE)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	tert-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60	Tetrachloroethene	µg/kg	27.5	ND	ND	1.24 J	ND	ND	0.944 J	3.45 J	ND	ND
61	Toluene	µg/kg	1.61 J	1.71 J	2.73 J	ND	2960	ND	ND	ND	ND	ND
62	trans-1,2-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	1.65 J	ND
63	trans-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64	trans-1,4-Dichloro-2-butene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	Trichloroethene	µg/kg	81.3	ND	ND	ND	ND	ND	ND	ND	1.28 J	ND
66	Trichlorofluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67	Vinyl chloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No		Borehole →	E11-166	E11-167	E11-167	E11-167	E11-168	E11-168	E11-169	E11-169	E11-170	E11-170
		Sample ID →	S2	S1	S2	S3	S1	S2	S1	S2	S1	S2
	Analyte↓	Depth, m →	~2.7	0.0~0.5	~2.0	~5.5	0.0~0.5	~3.0	0.0~0.5	~1.8	0.0~0.5	~2.0
1	1,1,1,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2	1,1,1-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	1,1,2,2-Tetrachloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4	1,1,2-Trichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	1,1-Dichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	1,1-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	1,1-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	1,2,3-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	1,2,3-Trichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	1,2,4-Trichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	1,2,4-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	1,2-Dibromo-3-chloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	1,2-Dibromoethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	1,2-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15	1,2-Dichloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	1,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	1,3,5-Trimethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	1,3-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
19	1,3-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	1,4-Dichlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	2,2-Dichloropropane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	2-Butanone	µg/kg	ND	3.86 J	4.48 J	ND	2.96 J	ND	17.2 J	ND	3.31 J	1.68 J
23	2-Chlorotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	2-Hexanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	4-Chlorotoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	4-Isopropyltoluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
27	4-Methyl-2-pentanone	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
28	Acetone	µg/kg	ND	28.5 J	31.6 J	7.12 J	14.5 J	ND	87.1	5.2 J	21.9 J	10.3 J
29	Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
30	Bromobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	Bromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	Bromodichloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33	Bromoform	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	Bromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No			Borehole →	E11-166	E11-167	E11-167	E11-167	E11-168	E11-168	E11-169	E11-169	E11-170	E11-170
			Sample ID →	S2	S1	S2	S3	S1	S2	S1	S2	S1	S2
	Analyte↓		Depth, m →	~2.7	0.0~0.5	~2.0	~5.5	0.0~0.5	~3.0	0.0~0.5	~1.8	0.0~0.5	~2.0
35	Carbon disulfide	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	Carbon tetrachloride	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Chlorobenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chloroethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Chloroform	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Chloromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	cis-1,2-Dichloroethene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	0.714 J	31.1
42	cis-1,3-Dichloropropene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Dibromochloromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Dibromomethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Dichlorodifluoromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Ethyl Benzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobutadiene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Isopropylbenzene (Cumene)	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	m,p-Xylene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Methyl iodide	µg/kg		ND	1.35 J	1.75 J	ND	ND	ND	0.894 J	ND	ND	ND
51	Methylene chloride	µg/kg		2.9 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Naphthalene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	n-Butylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	n-Propylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	o-Xylene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	sec-Butylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Styrene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	tert-Butyl methyl ether (MTBE)	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	tert-Butylbenzene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60	Tetrachloroethene	µg/kg		ND	1.2 J	ND	ND	4.18 J	ND	4.26	ND	10.7	86.8
61	Toluene	µg/kg		ND	ND	ND	ND	0.698 J	ND	0.718 J	ND	ND	ND
62	trans-1,2-Dichloroethene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
63	trans-1,3-Dichloropropene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64	trans-1,4-Dichloro-2-butene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	Trichloroethene	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	0.768 J	7.97
66	Trichlorofluoromethane	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67	Vinyl chloride	µg/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

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

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

No	Borehole →		E11-170	E11-170	E11-171	E11-171	E11-171	E11-172	E11-172	E11-172	E11-172	E11-173
	Sample ID →		S3	S4	S1	S2	S3	S1	S2	S3	S4	S1
	Analyte↓	Depth, m →	~5.0	~7.5	0.0~0.5	~2.0	~6.5	0.0~0.5	~2.0	~5.0	~8.7	0.0~0.5
35	Carbon disulfide	µg/kg	ND	ND	6.67	ND	ND	ND	ND	ND	ND	ND
36	Carbon tetrachloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
37	Chlorobenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	Chloroethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	Chloroform	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	Chloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	cis-1,2-Dichloroethene	µg/kg	558	15.2	ND	3.57 J	52.3	ND	ND	ND	11.4	ND
42	cis-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
43	Dibromochloromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	Dibromomethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	Dichlorodifluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	Ethyl Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	Hexachlorobutadiene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	Isopropylbenzene (Cumene)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	m,p-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	Methyl Iodide	µg/kg	ND	ND	1.35 J	ND	ND	ND	ND	ND	ND	ND
51	Methylene chloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	Naphthalene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	n-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	n-Propylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	o-Xylene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	sec-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	Styrene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	tert-Butyl methyl ether (MTBE)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	tert-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
60	Tetrachloroethene	µg/kg	684	0.78 J	ND	2.03 J	22.1	2.91 J	8.44	4.17	2.48 J	ND
61	Toluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
62	trans-1,2-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
63	trans-1,3-Dichloropropene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64	trans-1,4-Dichloro-2-butene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	Trichloroethene	µg/kg	55.1	ND	ND	ND	2.04 J	ND	ND	ND	1.30 J	ND
66	Trichlorofluoromethane	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67	Vinyl chloride	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

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

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

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

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

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

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

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

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

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

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

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

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

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

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

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

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected

Table 7. Continued

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

NOTES:

J: Estimated amount between the detection limit and reporting limit

R: Data rejected