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ENVIRON

May 30, 2002

Mr. Matthew Ohl
USEPA, HSRW-6J
77 West Jackson Blvd.
Chicago, IL 60604-3590

Re: First Quarter 2002 Surface and Subsurface Water Monitoring Report
ECC Superfund Site
Zionsville, Indiana

Dear Mr. Ohl:

This report summarizes the monitoring of the till wells, the sand/gravel wells, and the surface water of the Unnamed Ditch at the ECC Superfund Site in Zionsville, Indiana during the first quarter of 2002.

The specific tasks completed during the first quarter of 2002 included:

- Collection of water level measurements from 16 monitoring wells on February 4, 2002;
- Sampling of the 6 off-site till monitoring wells and the 5 off-site sand/gravel monitoring wells, including ECC MW-13, during the weeks of February 4, and February 11, 2002;
- Sampling of the 4 on-site till monitoring wells during the week of February 4, 2002 to February 11, 2002;
- Sampling of 2 surface water locations within Unnamed Ditch during the week of February 4, 2002;
- Analysis of all the surface and subsurface water samples collected for the parameters specified in the Revised Remedial Action, Exhibit A, Revision 2, dated May 7, 1997 (Revised Exhibit A);

The following section provides a brief description of the first quarter sampling activities. The first quarter water level measurements, analytical results for the surface and subsurface water samples, and the field measurements and purge data are summarized in the attached tables.

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A. Subsurface Water Flow Determination

1. Data Collection

On February 4, 2002, the depth to water was measured in four on-site till monitoring wells, six off-site till monitoring wells, one off-site piezometer, and five off-site sand/gravel monitoring wells using an electronic water level meter.

The till and sand/gravel monitoring well locations are shown on Figure 1. Measurements were recorded to the nearest 0.01 foot. The depth to water measurements and the corresponding water elevation data derived from these measurements are presented in Table 1.

2. Subsurface Water Elevation Data

Subsurface water elevations and contours for the sand/gravel unit at the site, for the first quarter 2002, are presented in Figure 2.

B. On-Site and Off-Site Subsurface Water Sampling

Subsurface water samples (including duplicates) were collected from on-site till monitoring wells T-1, T-2A, T-3, and T-4A, off-site monitoring wells T-5 through T-10, and off-site sand/gravel monitoring wells S-1 through S-4A, and ECC MW13 between February 4, 2002 and February 13, 2002. The on-site subsurface water sample results are summarized in Table 2. The subsurface water sample results for the off-site till and off-site sand/gravel monitoring wells are summarized in Table 3 and Table 4, respectively.

All samples were collected as described in Section 6.3 of the Radian Revised Remedial Action Field Sampling Plan (FSP), Revision 4, dated April 28, 1998, with modifications outlined in the *Low Flow Ground Water Sampling* proposal dated November 10, 2000. In accordance with the FSP, the wells were purged a minimum of three well volumes or until the wells went dry, prior to sampling. Low-flow sampling techniques were incorporated into the sampling procedure to decrease the turbidity of the samples collected and to reduce the number of wells that purged dry before three well volumes could be removed. The subsurface water in the on-site till monitoring wells was evacuated and sampled using dedicated PVC bladder-pumps and Teflon-lined polyethylene tubing. A disposable Teflon-bailer was also used to assist in the collection of subsurface water samples from the on-site till monitoring well T-2A and the off-site till monitoring well T-5, due to poor recovery. The subsurface water in the off-site monitoring wells was evacuated and sampled using a peristaltic pump and dedicated Teflon-lined polyethylene tubing. The intake for the dedicated tubing was placed at the bottom of the screened interval. Due to poor recovery in some till monitoring wells (T-2A and T-5), the samples from these wells were collected over a period of 1 to 7 days. The volatile organic compound (VOC) sample and the hexavalent chromium sample were collected as soon as possible on the day of purging these well.

The metals and polychlorinated biphenyls (PCBs) samples were filtered using 0.45-micron filters in accordance with Section 6.3 of the FSP. Field measurements of pH, temperature, specific conductivity, and dissolved oxygen were collected before, during, and at the end of the purging procedure. Field indicator parameters and other information recorded during well purging and sampling are provided in Tables A-1 through A-4 of Appendix A.

C. Surface Water Sampling

Surface water samples were collected from two locations within Unnamed Ditch (SW-1 and SW-2) during the first quarter sampling event. Samples were not collected from the NSL-1 location since water was not flowing from the North Side Landfill discharge to the Unnamed Ditch during the sampling event. The surface water samples were collected as described in Section 6.3 of the FSP. Surface water sample locations are shown on Figure 1. The surface water sample results are summarized in Table 5.

Field measurements of pH, temperature, specific conductivity, and dissolved oxygen were collected from a sample of the water collected at SW-1 and SW-2. Field indicator parameters as well as the rain accumulation measurements recorded for the 24-hour and 48-hour period prior to sampling are provided in Table A-5 of Appendix A.

D. Sample Analysis and Results

Following sample collection, the samples were placed in ice-filled coolers and shipped via an overnight courier to CompuChem Laboratories (CompuChem) of Cary, North Carolina, for analysis. Appropriate chain-of-custody protocols were followed throughout sample handling.

Subsurface and surface water samples were analyzed for the parameters listed in Table 3-1 of Revised Exhibit A in accordance with the analytical methods summarized in Table 7-1 of the FSP. Analytical results for the surface, subsurface and the quality assurance and quality control samples for this sampling event are summarized in Table 2 through Table 6. In addition, all quarterly monitoring analytical data to date are presented by location in Appendix B.

E. Quality Assurance and Quality Control Procedures

To monitor the effectiveness of sampling procedures, ENVIRON collected a field blank by pumping laboratory supplied deionized water through the peristaltic pump and tubing into a sample container. For the metals and PCB samples, the deionized water was also passed through a 0.45-micron filter. Two field blanks were collected and analyzed this quarter. Six trip blanks were submitted to the laboratory to monitor for possible contamination during sample handling, transport, and storage. The trip blanks accompanied the samples and were analyzed for the VOCs listed in Table 3-1 of Revised Exhibit A. The trip and field blank samples results were compared to the most stringent of the Acceptable Stream Concentrations and the Acceptable Subsurface Water

Concentrations for each analyte. The trip and field blank sample results are presented in Table 6.

Toluene was detected at low concentrations (below the contract required detection limit) in all six trip blanks and one of the field blanks. ENVIRON believes that the toluene concentrations detected within the trip blanks and field blank is the result of laboratory contamination.

Bis (2-ethylhexyl) phthalate was detected at a low concentration in one of the field blanks. A similar concentration of bis (2-ethylhexyl)phthalate was detected in CompuChem's laboratory method blank. ENVIRON believes that the bis (2-ethylhexyl)phthalate concentrations detected within the field blank is the result of laboratory contamination.

Low concentrations of manganese and cyanide were reported in the February 13, 2002 field blank. A low concentration of cyanide was detected in the respective monitoring well. Low concentrations of antimony and barium were detected in the February 12, 2001 field blank. These concentrations were reported below the contract required detection limit. The source of these metals could not be determined.

The trip blanks and the deionized water, used for the collection of the field blanks were prepared by CompuChem for this sampling event.

To evaluate the reproducibility of results, ENVIRON collected one duplicate surface water sample from the off-site sand/gravel monitoring well S-2 and the off-site till monitoring well T-9. The duplicate samples were collected using the described method in Section 6.3 of the FSP. The results of the duplicate samples are presented in Table 4 and Table 3, respectively. The results for the duplicate pairs were similar, indicating good reproducibility of the sampling and analytical methods. In addition to the duplicate samples, ENVIRON collected additional sample volume from the off-site subsurface water sampling point MW-13 for the laboratory matrix spike and matrix spike duplicate (MS/MSD) samples.

If you have any questions about this letter or any other aspects of the project, please do not hesitate to contact us.

Sincerely,

ENVIRON International Corporation

Julia Fraser

Julia Fraser
Associate

JMF:als
P:\CP Files\Client Project Files\ECC\Word Files\Compliance Monitoring\1Q02report.doc

cc: Mr. Michael Habeck – IDEM
Mr. Tim Harrison – CH2M Hill
Mr. Philip Smith – CH2M Hill
Dr. Roy Ball – ENVIRON International Corporation
Mr. Norman Bernstein – N. W. Bernstein & Associates, L.L.C.

TABLES

TABLE 1
Subsurface Water Elevations - February 4, 2002
ECC Compliance Monitoring Wells
First Quarter 2002

Well Number	Rim of PVC Elevation (feet AMSL)	Depth-to-Water (feet)	Water Elevation (feet AMSL)
T-1	897.41	15.68	881.73
T-2A	901.13	17.86	883.27
T-3	896.07	15.03	881.04
T-4A	895.37	12.30	883.07
T-5	889.08	7.39	881.69
T-6	891.76	9.46	882.30
T-7	891.02	9.45	881.57
T-8	888.88	8.09	880.79
T-9	882.08	2.11	879.97
T-10	889.42	7.19	882.23
S-1	890.27	8.26	882.01
S-2	888.46	7.15	881.31
S-3	882.45	2.18	880.27
S-4A	889.59	8.39	881.20
P-1	889.66	8.21	881.45
ECC MW-13	883.30	9.87	873.43

Notes:

AMSL = Above Mean Sea Level.
PVC = Polyvinyl Chloride Inner Well Casing.

TABLE 2 (Page 1 of 3)
Analytical Results for Subsurface Water Samples
ECC On-Site Till Monitoring Wells
First Quarter 2002

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	T-1 ECTGW1-11 MICRO PURGED 2/12/02	T-2A ECTGW2-11 BAILED 2/5/02	T-3 ECTGW3-11 MICRO PURGED 2/12/02	T-4A ECTGW4-11 MICRO PURGED 2/13/02
Volatile Organics					
Acetone	*[3,500]*	ND	**28,000**	ND	ND
1,1-Dichloroethene	*[1.85]*	ND	**3,100**	ND	ND
1,2-Dichloroethene (total)	*[9.4]*	ND	**1,000 J**	**5,100**	ND
Ethylbenzene	*[3,280]*	ND	720 J	ND	ND
Methylene chloride	*[15.7]*	ND	**2,800 J**	ND	ND
Methyl ethyl ketone	*[170]*	ND	**8,400 J**	ND	ND
Methyl isobutyl ketone	*[1,750]*	ND	ND	ND	ND
Tetrachloroethene	*[8.85]*	0.9 J	**110,000 D**	ND	ND
Toluene	*[3,400]*	ND	**7,000**	65 J	ND
1,1,1-Trichloroethane	*[5,280]*	0.2 J	**28,000**	ND	ND
1,1,2-Trichloroethane	*[41.8]*	ND	ND	ND	ND
Trichloroethene	*[80.7]*	1	**49,000**	ND	ND
Vinyl chloride	*[525]*	ND	ND	**900**	ND

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.
ND = Not Detected.
J = Estimated value.
D = Compound quantitated on a diluted sample.

TABLE 2 (Page 2 of 3)
Analytical Results for Subsurface Water Samples
ECC On-Site Till Monitoring Wells
First Quarter 2002

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	T-1 ECTGW1-11 MICRO PURGED 2/12/02	T-2A ECTGW2-11 BAILED 2/5/02	T-3 ECTGW3-11 MICRO PURGED 2/12/02	T-4A ECTGW4-11 MICRO PURGED 2/13/02
Semi-Volatile Organics					
Bis(2-ethylhexyl)phthalate	*[50,000]*	ND	41	100 DB	ND
Di-n-butylphthalate	*[154,000]*	ND	0.7 J	ND	ND
1,2-Dichlorobenzene	*[763]*	ND	360 J	ND	ND
Diethylphthalate	*[52,100]*	ND	4 J	ND	ND
Isophorone	*[8.5]*	ND	**57**	ND	ND
Naphthalene	*[620]*	ND	13	ND	ND
Phenol	*[570]*	ND	12	0.6 J	ND
Polychlorinated biphenyls					
Aroclor-1016	*[0.5]*	ND	ND	ND	ND
Aroclor-1221	*[1.0]*	ND	ND	ND	ND
Aroclor-1232	*[0.5]*	ND	ND	ND	ND
Aroclor-1242	*[0.5]*	ND	ND	ND	ND
Aroclor-1248	*[0.5]*	ND	ND	ND	ND
Aroclor-1254	*[0.5]*	ND	ND	ND	ND
Aroclor-1260	*[0.5]*	ND	ND	ND	ND

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

ND = Not Detected.

B= Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but>=instrument detection limit (inorganic).

J = Estimated value.

D = Compound quantitated on a diluted sample.

TABLE 2 (Page 3 of 3)
Analytical Results for Subsurface Water Samples
ECC On-Site Till Monitoring Wells
First Quarter 2002

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	T-1 ECTGW1-11 MICRO PURGED 2/12/02	T-2A ECTGW2-11 BAILED 2/5/02	T-3 ECTGW3-11 MICRO PURGED 2/12/02	T-4A ECTGW4-11 MICRO PURGED 2/13/02
Inorganics					
Antimony	*[46.5]*	ND	ND	ND	ND
Arsenic	*[14.0]*	ND	1.7 B	6.5 B	ND
Barium	*[1,000]*	322	111 B	197 B	41.5 B
Beryllium	*[4]*	ND	ND	ND	ND
Cadmium	*[10]*	ND	ND	ND	ND
Chromium VI	*[86.0]*	ND	ND	ND	ND
Lead	*[26.8]*	ND	ND	ND	ND
Manganese	*[7,500]*	117	258	564	221
Nickel	*[100]*	ND	6.2 B	55.6	7.2 B
Silver	*[50]*	ND	ND	ND	ND
Tin	*[21,000]*	ND	ND	ND	ND
Vanadium	*[245]*	ND	ND	ND	ND
Zinc	*[152]*	ND	ND	ND	ND
Cyanide	*[23.9]*	1.3 B	ND	4.0 B	0.95 B

Notes:

All concentrations are in ug/L.

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TABLE 3 (Page 1 of 3)
Analytical Results for Subsurface Water Samples
ECC Off-Site Till Monitoring Wells
First Quarter 2002

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	T-5 ECTGW5-11 BAILED 2/4/02	T-6 ECTGW6-11 PUMPED 2/11/02	T-7 ECTGW7-11 PUMPED 2/11/02	T-8 ECTGW8-11 PUMPED 2/12/02	T-9 ECTGW9-11 PUMPED 2/6/02	T-9 ECTGW9-11-D PUMPED 2/6/02 DUPLICATE	T-10 ECTGW10-11 PUMPED 2/6/02
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	ND	ND	ND	ND	ND	ND	0.8 J
1,2-Dichloroethene (total)	*[9.4]*	ND	**11,000**	**12**	1	**61 D**	**67 D**	**300 D**
Ethylbenzene	*[3,280]*	ND	220 J	ND	ND	0.2 J	0.2 J	ND
Methylene Chloride	*[15.7]*	ND	ND	ND	ND	1 J	0.9 J	ND
Tetrachloroethene	*[8.85]*	ND	ND	ND	ND	ND	**20**	**15**
Toluene	*[3,400]*	ND	3,200	3	ND	2 B	1 B	0.8 JB
1,1,1-Trichloroethane	*[5,280]*	ND	310 J	ND	ND	0.5 J	0.3 J	11
1,1,2-Trichloroethane	*[41.8]*	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	*[80.7]*	ND	ND	3	0.6 J	12	7	9
Vinyl chloride	*[525]*	ND	**11,000**	0.7 J	0.3 J	190 D	270 D	96 D

Notes:

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TABLE 3 (Page 2 of 3)
Analytical Results for Subsurface Water Samples
ECC Off-Site Till Monitoring Wells
First Quarter 2002

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	T-5 ECTGW5-11 BAILED 2/4/02	T-6 ECTGW6-11 PUMPED 2/11/02	T-7 ECTGW7-11 PUMPED 2/11/02	T-8 ECTGW8-11 PUMPED 2/12/02	T-9 ECTGW9-11 PUMPED 2/6/02	T-9 ECTGW9-11-D PUMPED 2/6/02 DUPLICATE	T-10 ECTGW10-11 PUMPED 2/6/02
Semi-Volatile Organics								
Bis(2-ethylhexyl)phthalate	*[50,000]*	1 J	ND	ND	1 JB	ND	ND	ND
Di-n-butylphthalate	*[154,000]*	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	*[763]*	ND	ND	ND	ND	0.3 J	ND	0.2 J
Diethylphthalate	*[52,100]*	0.2 J	2 J	ND	ND	ND	ND	ND
Naphthalene	*[620]*	ND	16	ND	ND	ND	ND	ND
Phenol	*[570]*	ND	45	2 J	ND	ND	ND	ND
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	*[1.0]*	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	*[0.5]*	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	*[0.5]*	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	*[0.5]*	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	*[0.5]*	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	*[0.5]*	ND	ND	ND	ND	ND	ND	ND

Notes:

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

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B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but>=instrument detection limit (inorganic).

J = Estimated value.

TABLE 3 (Page 3 of 3)
Analytical Results for Subsurface Water Samples
ECC Off-Site Till Monitoring Wells
First Quarter 2002

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	T-5 ECTGW5-11 BAILED 2/4/02	T-6 ECTGW6-11 PUMPED 2/11/02	T-7 ECTGW7-11 PUMPED 2/11/02	T-8 ECTGW8-11 PUMPED 2/12/02	T-9 ECTGW9-11 PUMPED 2/6/02	T-9 ECTGW9-11-D PUMPED 2/6/02 DUPLICATE	T-10 ECTGW10-11 PUMPED 2/6/02
Inorganics								
Arsenic	*[14.0]*	1.9 B	**40.1**	ND	ND	2.1 B	ND	**14.3**
Chromium VI	*[86.0]*	ND	ND	ND	ND	ND	ND	ND
Lead	*[26.8]*	ND	ND	ND	ND	ND	1.7 B	ND
Nickel	*[100]*	ND	20.2 B	ND	1.5 B	13.1 B	13.1 B	10.8 B
Zinc	*[152]*	ND	ND	ND	ND	ND	ND	ND
Cyanide	*[23.9]*	ND	1.2 B	ND	0.86 B	ND	ND	ND

Notes:

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B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but>=instrument detection limit (inorganic).

TABLE 4 (Page 1 of 3)
Analytical Results for Subsurface Water Samples
ECC Off-Site Sand/Gravel Monitoring Wells
First Quarter 2002

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	S-1 ECSGW1-11 PUMPED 2/11/02	S-2 ECSGW2-11 PUMPED 2/12/02	S-2 ECSGW2-11-D PUMPED 2/12/02 DUPLICATE	S-3 ECSGW3-11 PUMPED 2/6/02	S-4 ECSGW4-11 PUMPED 2/6/02	MW13 ECSGWM13-11 PUMPED 2/12/02
Volatile Organics							
1,1-Dichloroethene	*[1.85]*	ND	ND	ND	ND	0.3 J	ND
1,2-Dichloroethene (total)	*[9.4]*	ND	ND	ND	0.1 J	**200 D**	0.4 J
Ethylbenzene	*[3,280]*	ND	ND	ND	ND	0.2 J	ND
Methylene Chloride	*[15.7]*	ND	ND	ND	ND	0.8 J	ND
Tetrachloroethene	*[8.85]*	ND	ND	ND	ND	ND	ND
Toluene	*[3,400]*	ND	ND	0.1 J	ND	3 B	ND
1,1,1-Trichloroethane	*[5,280]*	ND	ND	ND	ND	2	ND
1,1,2-Trichloroethane	*[41.8]*	ND	ND	ND	ND	ND	ND
Trichloroethene	*[80.7]*	ND	ND	ND	ND	24	0.3 J
Vinyl chloride	*[525]*	ND	0.4 J	0.5 J	11	13	0.2 J

Notes:

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

ND = Not Detected.

J = Estimated value.

D = Compound quantitated on a diluted sample.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but>=instrument detection limit (inorganic).

TABLE 4 (Page 2 of 3)
Analytical Results for Subsurface Water Samples
ECC Off-Site Sand/Gravel Monitoring Wells
First Quarter 2002

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	S-1 ECSGW1-11 PUMPED 2/11/02	S-2 ECSGW2-11 PUMPED 2/12/02	S-2 ECSGW2-11-D PUMPED 2/12/02 DUPLICATE	S-3 ECSGW3-11 PUMPED 2/6/02	S-4 ECSGW4-11 PUMPED 2/6/02	MW13 ECSGWM13-11 PUMPED 2/12/02
Semi-Volatile Organics							
Bis(2-ethylhexyl)phthalate	*[50,000]*	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	*[154,000]*	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	*[763]*	ND	ND	ND	0.02 J	0.6 J	ND
Diethylphthalate	*[52,100]*	ND	ND	ND	ND	ND	0.3 J
Naphthalene	*[620]*	ND	ND	ND	ND	ND	ND
Phenol	*[570]*	ND	ND	ND	ND	ND	ND
Polychlorinated biphenyls							
Aroclor-1016	*[0.5]*	ND	ND	ND	ND	ND	ND
Aroclor-1221	*[1.0]*	ND	ND	ND	ND	ND	ND
Aroclor-1232	*[0.5]*	ND	ND	ND	ND	ND	ND
Aroclor-1242	*[0.5]*	ND	ND	ND	ND	ND	ND
Aroclor-1248	*[0.5]*	ND	ND	ND	ND	ND	ND
Aroclor-1254	*[0.5]*	ND	ND	ND	ND	ND	ND
Aroclor-1260	*[0.5]*	ND	ND	ND	ND	ND	ND

Notes:

All concentrations are in ug/L.

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TABLE 4 (Page 3 of 3)
Analytical Results for Subsurface Water Samples
ECC Off-Site Sand/Gravel Monitoring Wells
First Quarter 2002

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	S-1 ECSGW1-11 PUMPED 2/11/02	S-2 ECSGW2-11 PUMPED 2/12/02	S-2 ECSGW2-11-D PUMPED 2/12/02 DUPLICATE	S-3 ECSGW3-11 PUMPED 2/6/02	S-4 ECSGW4-11 PUMPED 2/6/02	MW13 ECSGWM13-11 PUMPED 2/12/02
Inorganics							
Arsenic	*[14.0]*	ND	ND	ND	ND	ND	11.1
Chromium VI	*[86.0]*	ND	ND	ND	ND	ND	ND
Lead	*[26.8]*	ND	ND	ND	ND	ND	ND
Nickel	*[100]*	ND	2.1 B	5.6 B	8.0 B	ND	ND
Zinc	*[152]*	ND	ND	ND	ND	ND	ND
Cyanide	*[23.9]*	ND	ND	3.5 B	ND	ND	ND

Notes:

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B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but>=instrument detection limit (inorganic).

TABLE 5
Analytical Results for Surface Water Samples
ECC Surface Water Locations
First Quarter 2002

LOCATION ENVIRON SAMPLE ID COLLECTION DATE COMMENT	Acceptable Stream Concentration	SW-1 ECSW1-11 2/11/02	SW-2 ECSW2-11 2/11/02
Volatile Organics			
1,1-Dichloroethene	*[1.85]*	ND	ND
1,2-Dichloroethene (total)	*[9.4]*	ND	2
Ethylbenzene	*[3,280]*	ND	ND
Methylene Chloride	*[15.7]*	ND	ND
Tetrachloroethene	*[8.85]*	ND	ND
Toluene	*[3,400]*	0.2 JB	ND
1,1,1-Trichloroethane	*[5,280]*	ND	ND
1,1,2-Trichloroethane	*[41.8]*	ND	ND
Trichloroethene	*[80.7]*	ND	ND
Vinyl chloride	*[525]*	ND	0.9 J
Semi-Volatile Organics			
Bis(2-ethylhexyl)phthalate	*[50,000]*	ND	ND
Di-n-butylphthalate	*[154,000]*	ND	ND
1,2-Dichlorobenzene	*[763]*	ND	ND
Diethylphthalate	*[52,100]*	ND	ND
Naphthalene	*[620]*	ND	ND
Phenol	*[570]*	ND	ND
Polychlorinated biphenyls			
Aroclor-1016	*[0.5]*	ND	ND
Aroclor-1221	*[1.0]*	ND	ND
Aroclor-1232	*[0.5]*	ND	ND
Aroclor-1242	*[0.5]*	ND	ND
Aroclor-1248	*[0.5]*	ND	ND
Aroclor-1254	*[0.5]*	ND	ND
Aroclor-1260	*[0.5]*	ND	ND
Inorganics			
Arsenic	*[14.0]*	ND	ND
Chromium VI	*[86.0]*	ND	ND
Lead	*[26.8]*	ND	ND
Nickel	*[100]*	5.3 B	5.2 B
Zinc	*[152]*	ND	ND
Cyanide	*[23.9]*	2.0 B	2.3 B

Notes:

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site-Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

ND = Not Detected.

J = Estimated Value.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

TABLE 6 (Page 1 of 2)
Analytical Results for Quality Assurance / Quality Control Samples
First Quarter 2002

TYPE ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE	Most Stringent Acceptable Concentration	TRIP BLANK ECTB1-11 LAB 2/5/02	TRIP BLANK ECTB2-11 LAB 2/6/02	TRIP BLANK ECTB3-11 LAB 02//07/02	TRIP BLANK ECTB4-11 LAB 2/11/02	TRIP BLANK ECTB5-11 LAB 2/12/02	TRIP BLANK ECTB6-11 LAB 2/13/02	FIELD BLANK ECTGW8-11B PUMP 2/13/02	FIELD BLANK ECSGWM13-11B PUMP 2/12/02
Volatile Organic Compounds									
Acetone	*[3,500]*	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	*[1.85]*	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene (total)	*[9.4]*	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	*[680]*	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	*[15.7]*	ND	ND	ND	ND	ND	ND	ND	ND
Methyl ethyl ketone	*[170]*	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Isobutyl ketone	*[1,750]*	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	*[5.0]*	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	*[2,000]*	0.1 JB	0.2 JB	0.3 JB	0.2 JB	0.2 J	0.2 J	0.1 J	ND
1,1,1-Trichloroethane	*[200]*	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	*[5.0]*	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	*[6.4]*	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	*[5.0]*	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (Total)	*[10,000]*	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds									
Bis (2-ethylhexyl) phthalate	*[7.1]*	NA	NA	NA	NA	NA	NA	0.6 J	ND
Di-n-butyl phthalate	*[3,500]*	NA	NA	NA	NA	NA	NA	ND	ND
1,2-Dichlorobenzene	*[600]*	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl Phthalate	*[28,000]*	NA	NA	NA	NA	NA	NA	ND	ND
Isophorone	*[8.5]*	NA	NA	NA	NA	NA	NA	ND	ND
Naphthalene	*[620]*	NA	NA	NA	NA	NA	NA	ND	ND
Phenol	*[570]*	NA	NA	NA	NA	NA	NA	ND	ND

Notes:

All concentrations are in ug/L.

[2] = Most stringent of the Revised Site-Specific Acceptable Stream Concentrations and Acceptable Subsurface Water Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

B = Analyte value is <contract required detection limit but >= instrument detection limit.

ND = Not Detected.

J = Estimated value.

NA = Not Analyzed.

TABLE 6 (Page 2 of 2)
Analytical Results for Quality Assurance / Quality Control Samples
First Quarter 2002

TYPE ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE	Most Stringent Acceptable Concentration	TRIP BLANK ECTB1-11 LAB 2/5/02	TRIP BLANK ECTB2-11 LAB 2/6/02	TRIP BLANK ECTB3-11 LAB 02//07/02	TRIP BLANK ECTB4-11 LAB 2/11/02	TRIP BLANK ECTB5-11 LAB 2/12/02	TRIP BLANK ECTB6-11 LAB 2/13/02	FIELD BLANK ECTGW8-11B PUMP 2/13/02	FIELD BLANK ECSGWM13-11B PUMP 2/12/02
Polychlorinated biphenyls									
Aroclor 1016	*[0.5]*	NA	NA	NA	NA	NA	NA	ND	ND
Aroclor 1221	*[1.0]*	NA	NA	NA	NA	NA	NA	ND	ND
Aroclor 1232	*[0.5]*	NA	NA	NA	NA	NA	NA	ND	ND
Aroclor 1242	*[0.5]*	NA	NA	NA	NA	NA	NA	ND	ND
Aroclor 1248	*[0.5]*	NA	NA	NA	NA	NA	NA	ND	ND
Aroclor 1254	*[0.5]*	NA	NA	NA	NA	NA	NA	ND	ND
Aroclor 1260	*[0.5]*	NA	NA	NA	NA	NA	NA	ND	ND
Inorganics									
Antimony	*[46.5]*	NA	NA	NA	NA	NA	NA	ND	3.1 B
Arsenic	*[14]*	NA	NA	NA	NA	NA	NA	ND	ND
Barium	*[1,000]*	NA	NA	NA	NA	NA	NA	ND	9.6 B
Beryllium	*[4]*	NA	NA	NA	NA	NA	NA	ND	ND
Cadmium	*[10]*	NA	NA	NA	NA	NA	NA	ND	ND
Chromium VI	*[86]*	NA	NA	NA	NA	NA	NA	ND	ND
Lead	*[26.8]*	NA	NA	NA	NA	NA	NA	ND	ND
Manganese	*[7,000]*	NA	NA	NA	NA	NA	NA	0.39 B	ND
Nickel	*[100]*	NA	NA	NA	NA	NA	NA	ND	ND
Silver	*[50]*	NA	NA	NA	NA	NA	NA	ND	ND
Tin	*[21,000]*	NA	NA	NA	NA	NA	NA	ND	ND
Vanadium	*[245]*	NA	NA	NA	NA	NA	NA	ND	ND
Zinc	*[152]*	NA	NA	NA	NA	NA	NA	ND	ND
Cyanide (Total)	*[23.9]*	NA	NA	NA	NA	NA	NA	1.5 B	ND

Notes:

All concentrations are in ug/L.

[2] = Most stringent of the Revised Site-Specific Acceptable Stream Concentrations and Acceptable Subsurface Water Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

B = Analyte value is <contract required detection limit but >= instrument detection limit.

ND = Not Detected.

NA = Not analyzed.

FIGURES

DATE	DRAWN	REVISIONS

1 FIGURE — SUBSURFACE AND SURFACE WATER SAMPLING LOCATIONS

ECC SITE

ZIONSVILLE, INDIANA

ENVIRON
740 WAUKEGAN ROAD, SUITE 401, DEERFIELD, IL 60015
PRINCETON,NJ • ARLINGTON,VA • EMERYVILLE,CA • IRVINE,CA • HONOLULU,CA
HOUSTON,TX • LONDON,UK • EDINBURGH,UK

DATE	SCALE	CADD FILE	PLOT DATE
3/7/02	1"=70'	1st Qr Fig 1	

DESIGNED BY	DRAFTED BY	APPROVED BY
S. HAYTER	APR	R.HUTCHENS

CPF/ECC/Compliance Monitoring/4th Quarter 2001/Acad/4th Qr Fig1

DATE	DRWN	REVISIONS

2 FIGURE

WATER ELEVATION CONTOURS IN SAND/GRAVEL ZONE
1st Quarter 2002

ECC SITE
ZIONSVILLE, INDIANA

ENVIRON
740 WAUKEGAN ROAD, SUITE 401, DEERFIELD, IL 60015
PRINCETON,NJ • ARLINGTON,VA • EMERYVILLE,CA • IRVINE,CA • HONOLULU,CA
HOUSTON,TX • LONDON,UK • EDINBURGH,UK

4/3/02	1"=70'	1st Qr Fig 2	
DATE	SCALE	CADD FILE	PLOT DATE
S. HAYTER	APR	R.HUTCHENS	
DESIGNED BY	DRAFTED BY	APPROVED BY	

APPENDIX A
Field Measurements and Purge Data

TABLE A-1
Field Measurements and Purge Data
First Quarter 2002 On-site Till Wells
ECC Superfund Site

Field Parameters and Data	T-1	T-2A	T-3	T-4A
Date	2/12/02	2/5/02	2/12/02	2/13/02
Weather Conditions	Overcast 40 F	Sunny 30 F	Overcast 40 F	Sunny 40 F
Before Purging				
pH	7.77	6.33	6.98	7.25
Dissolved Oxygen (mg/L)	6.69	2.82	5.62	6.01
Temperature (C)	9.74	12.2	12.67	9.17
Specific Conductivity (mS/cm)	0.013	1.64	0	1.174
Total Depth of Well (Ft from top of inner casing to water)	27	27.5	28	24
Depth to water (Ft from top of inner casing to water)	15.68	17.86	15.03	12.3
Estimated water volume in well (gallons)	1.84	1.67	2.1	1.9
Three Well Volumes (gallons)	5.56	5.01	6.3	5.7
After Purging				
Purge Start	1010	1456	1400	925
Purge End	1230	1600	1510	1205
Purge Method	BP	BT	BP	BP
Approximate Purge Rate (gpm)	0.03	0.08	0.420	0.0125
Total Volume Purged (gal.)	~3-4**	5	~3	2
pH	7.52	6.54	6.98	7.09
Dissolved Oxygen (mg/L)	1.95	1.83	0.46	0.71
Temperature (C)	8.67	12.1	12.25	9.74
Specific Conductivity (mS/cm)	0.576	1.64	NM	1.169
Sampling				
Sampling Date(s)	2/12/02	02/05/02 - 02/12/02	2/12/02	2/13/02
Sampling End Time	1300	1400/1600	1600	1230
Sampling Method	BP	BT	BP	BP

Notes:

** Well purged dry
BT = Bailer (Teflon)
BP=Bladder Pump
NM = No Measurement

TABLE A-2
Field Measurements and Purge Data
First Quarter 2002 Off-site Till Wells
ECC Superfund Site

Field Parameters and Data	T-5	T-6	T-7	T-8	T-9	T-10
Date	2/4/02	2/11/02	2/11/02	2/12/02	2/6/02	2/6/02
Weather Conditions	Overcast 28 F	Sunny 40 F	Sunny 40 F	Cloudy 40 F	Cloudy 40F	Sunny 40F
Before Purging						
pH	7.65	6.05	7.88	6.02	7.11	6.58
Dissolved Oxygen (mg/L)	4.39	0.43	3.73	2.97	1.86	2.54
Temperature (C)	9.9	9.3	9.5	8.8	11	9.6
Specific Conductivity (mS/cm)	0.725	2.86	0.526	0.744	1.23	1.5
Total Depth of Well (Ft from top of inner casing to water)	18.4	19.4	17.3	15.1	24.9	17.69
Depth to water (Ft from top of inner casing to water)	7.39	9.46	9.45	8.09	2.11	7.19
Estimated water volume in well (gallons)	1.8	1.6	1.3	1.1	3.7	1.7
Three Well Volumes (gallons)	5.4	4.9	3.8	3.5	11.1	5.1
After Purging						
Purge Start	1630	1317	1600	1001	1524	945
Purge End	1651	1440	1648	1114	1755	1142
Purge Method	BT	PP	PP	PP	PP	PP
Approximate Purge Rate (gpm)	0.14	0.06	0.830	0.410	0.760	0.47
Total Volume Purged (gal.)	3.0**	~5.0	~ 4.0	~3.0	~11.50	~5.5
pH	7.24	5.79	6.65	6.18	7.04	6.76
Dissolved Oxygen (mg/L)	3.53	0.46	2.01	3.45	1.78	1.46
Temperature (C)	10.1	9.4	9.2	8.4	10	9.6
Specific Conductivity (mS/cm)	0.718	2.89	0.742	0.723	1.28	1.51
Sampling						
Sampling Date(s)	2/5/02	2/11/02	2/11/02	2/12/02	2/6/02	2/5/02
Sampling End Time	2/8/02	1445	1700	1630	1810	1050
Sampling Method	BT	PP	PP	PP	PP	PP

Notes:
** = Well purged dry
PP = Peristaltic Pump
BT = Bailer (Teflon)

TABLE A-3
Field Measurements and Purge Data
First Quarter 2002 Off-site Sand/Gravel Wells
ECC Superfund Site

Field Parameters and Data	S-1	S-2	S-3	S-4	MW-13
Date	2/11/02	2/12/02	2/6/02	2/6/02	2/12/02
Weather Conditions	Sunny 40 F	Overcast 40 F	Cloudy 40 F	Sunny 40F	Overcast 40 F
Before Purging					
pH	7.42	5.25	7.4	6.57	6.01
Dissolved Oxygen (mg/L)	1.98	1.63	1.92	2.19	1.05
Temperature (C)	11.77	10.7	11.3	10.9	10.6
Specific Conductivity (mS/cm)	0.804	1.16	1.19	0.692	1.4
Total Depth of Well (Feet below ground surface)	41.2	22.2	28	45.9	17
Depth to water (Ft from top of inner casing to water)	8.26	7.15	15.03	12.3	9.87
Estimated water volume in well (gallons)	5.36	2.5	2.1	5.5	1.2
Three Well Volumes(gallons)	16.1	7.3	6.3	16.4	3.6
After Purging					
Purge Start	1540	1011	1453	1022	1403
Purge End	1653	1058	1605	1425	1505
Purge Method	PP	PP	PP	PP	PP
Approximate Purge Rate (gpm)	0.23	0.16	0.09	0.07	0.06
Total Volume Purged (gal.)	~17.0	~7.5 - 8.0	~6.5	~ 16-17	~4
pH	7.37	5.47	7.41	7.21	6.04
Dissolved Oxygen (mg/L)	0.18	1.43	1.39	1.38	0.89
Temperature (C)	12.04	11	11.8	11.8	8.6
Specific Conductivity (mS/cm)	0.784	0.98	1.2	0.655	1.4
Sampling					
Sampling Date(s)	2/11/02	2/12/02	2/6/02	2/6/02	2/12/02
Sampling End Time	1700	1100	1605	1430	1505
Sampling Method	PP	PP	PP	PP	PP

Notes:

BT = Bailer (Teflon) PP = Peristaltic Pump

TABLE A-4

Field Measurements
First Quarter 2002 Surface Water Sampling
ECC Superfund Site

Field Parameters and Data	SW-1	SW-2
Date	2/7/02	2/7/02
Weather Conditions	40 F Sunny	40 F Sunny
Sampling Time	930	1015
pH	7.58	8.13
Dissolved Oxygen (mg/L)	10.28	10.8
Temperature (C)	3	2.7
Specific Conductivity (mS/cm)	1.38	1.36
Unnamed Ditch Flow Measurements		
Flow Velocity (ft/sec)	4.5	NM
Cross Sectional Area (ft^2)	0.326	0.724
Calculated Flow Volume (Gal/min)	658.4	NM
Storm Event - Rain Accumulation		
Accumulation 24 hours prior to sampling (inches) *	0.00	0.00
Accumulation 48 hours prior to sampling (inches) *	0.00	0.00

Notes:
*Measurement recorded at Fisher weather station in Hamilton County.
NM=No Measurement

APPENDIX B
Historical Quarterly Monitoring Analytical Data

TABLE B-1
Summary of Analytical Results for Monitoring Well T-1
ECC Superfund Site

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Subsurface Water Concentration	T-1 ECTGW1-01 4th 1998	T-1 ECTGW-03 2nd 1999	T-1 ECTGW1-05 4th 1999	T-1 ECTGW1-06 2nd 2000	T-1 ECTGW1-07 4th 2000	T-1 ECTGW1-08 1st 2001	T-1 ECTGW1-09 3rd 2001	T-1 ECTGW1-11 1st 2002
Votatile Organics									
Acetone	*[3,500]*	2 U	2 U	1.0 J	2 U	5 U	5 U	2 J	5 U
1,1-Dichloroethene	*[7]*	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene(total)	*[70]*	0.4 JB	0.5 U	0.8	0.1 J	0.3 J	0.2 J	0.2 J	1 U
Ethylbenzene	*[680]*	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Methylene Chloride	*[156.6]*	2 B	1	0.8	1 B	0.8 J	2 U	2 U	2 U
Methyl ethyl ketone	*[170]*	2 U	2 U	1.0 J	2 U	5 U	5 U	5 U	5 U
Methyl isobutyl ketone	*[1,750]*	2 U	2 U	2.0 U	2 U	5 U	5 U	5 U	5 U
Tetrachloroethene	*[5.0]*	1	14	0.6	0.7	1 U	1 U	1	0.9 J
Toluene	*[2,000]*	0.5 U	2	0.3 J	0.2 J	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	*[200]*	0.5 U	9	0.5 U	0.5 U	1 U	1 U	1 U	0.2 J
1,1,2 Trichloroethane	*[5.0]*	0.5 U	0.5 U	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Trichloroethene	*[6.4]*	0.5 U	22	0.4 J	.4 J	0.3 J	0.3 J	0.9 J	1
Vinyl Chloride	*[5.0]*	0.5 U	0.4 J	0.5 U	0.6	1	1 U	2	1 U
Xylenes (total)	*[10,000]*	0.4 JB	0.6	0.5 U	0.5 U	1 U	1 U	1 U	1 U
Semi-Volatile Organics									
Bis (2-ethylhexyl) phthalate	*[7.1]*	10 U	2 J	4.0 J	0.9 J	2 J	1 JB	7 J	10 U
Di-n-butyl phthalate	*[3,500]*	10 U	11 U	9.0 U	9 U	11 U	10 U	10 U	10 U
1,2-Dichlorobenzene	*[600]*	10 U	11 U	9.0 U	9 U	1 U	1 U	1 U	1 U
Diethylphthalate	*[28,000]*	10 U	11 U	9.0 U	9 U	11 U	10 U	10 U	10 U
Isoporone	*[8.5]*	10 U	11 U	9.0 U	9 U	11 U	10 U	10 U	10 U
Naphthalene	*[14,000]*	10 U	11 U	9.0 U	9 U	11 U	10 U	10 U	10 U
Phenol	*[1,400]*	16	11 U	9.0 U	9 U	11 U	10 U	10 U	10 U
Polychlorinated biphenyls									
Aroclor-1016	*[0.5]*	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1221	*[1.0]*	2 U	1.0 U	1.0 U	0.98 U	2.0 U	2.0 U	2 U	2 U
Aroclor-1232	*[0.5]*	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1242	*[0.5]*	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1248	*[0.5]*	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1254	*[0.5]*	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1260	*[0.5]*	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 U	1 U	1 U
Inorganics									
Antimony	*[46.5]*	1.7 U	1.0 U	NA	3.1 B	2.4 B	2.5 U	1.7 U	1.5 U
Arsenic	*[50]*	3.6 B	2.1 B	7.6 U	2.1 U	3.4 U	4.2 U	3.5 B	1.7 U
Barium	*[1,000]*	425	587	NA	398	344	353	287	322
Beryllium	*[4]*	1 U	0.61 B	NA	0.10 U	0.2 U	0.1 U	0.40 U	0.30 U
Cadmium	*[10]*	1 U	0.57 B	0.30 U	0.30 U	0.3 U	0.60 U	0.40 U	0.30 U
Chromium VI	*[50]*	10 U	10 U	10.0 U	160	10 U	10 U	10 U	10 U
Lead	*[50]*	0.7 U	1.0 U	1.5 U	1.1 U	2.1 U	1.7 U	1.8 U	1.6 U
Manganese	*[7,000]*	115	103	NA	125	262	204	234	117
Nickel	*[150]*	0.7 U	3.1 B	1.1 U	3.2 U	1.6 B	1.3 U	1.4 U	1 U
Silver	*[50]*	0.4 U	0.4 U	NA	0.50 U	0.4 U	0.50 U	0.50 U	0.50 U
Tin	*[21,000]*	4.7 U	2.0 U	NA	2.8 U	6.1 U	9.0 U	3.7 U	2.6 U
Vanadium	*[245]*	0.51 B	0.4 U	NA	0.74 B	0.7 U	0.70 U	0.60 U	1.7 U
Zinc	*[7,000]*	1.5 U	39.6	3.1 U	9.6 B	1.2 U	1.1 U	0.70 U	4.6 U
Cyanide	*[154]*	10 U	4.7 U	8.2 U	0.90 U	0.9 U	0.60 U	0.80 U	1.3 B

Notes:

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Subsurface Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Subsurface Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated value.

NA = Sample was not analyzed due to laboratory error.

TABLE B-2
Summary of Analytical Results for Monitoring Well T-2 and T-2A
ECC Superfund Site

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Subsurface Water Concentration	T-2 ECTGW2-01 4th 1998	T-2 ECTGW-03 2nd 1999	T-2A ECTGW2-07 4th 2000	T-2A ECTGW2-08 1st 2001	T-2A ECTGW2-09 3rd 2001	T-2A ECTGW2-11 1st 2002
Volatile Organics							
Acetone	*[3,500]*	**10,000 B**	12,000 U	3,000	1,800	**20,000**	**28,000**
1,1-Dichloroethene	*[7]*	1,900 U	**1,900 J**	**800**	**82**	3,600 U	**3,100**
1,2-Dichloroethene(total)	*[70]*	1,900 U	**4,200**	**1,444**	**580**	**890 J**	**1,000 J**
Ethylbenzene	*[680]*	1,900 U	**1,900 J**	**800**	200	3,600 U	**720 J**
Methylene Chloride	*[156.6]*	**12,000 B**	**71,000**	**6,100**	**1,600 DJ**	7,200 U	**2,800 J**
Methyl ethyl ketone	*[170]*	**2,200 J**	12,000 U	2,000 U	1,100	18,000 U	**8,400 J**
Methyl isobutyl ketone	*[1,750]*	**2,700 J**	**12,000 JB**	2,000 U	230 J	18,000 U	13,000 U
Tetrachloroethene	*[5.0]*	**17,000**	**79,000 D**	**53,000**	**17,000 DB**	**18,000**	**110,000 D**
Toluene	*[2,000]*	**3,600**	**22,000**	**8,800**	**2,400 D**	1,200 J	**7,000**
1,1,1-Trichloroethane	*[200]*	**31,000**	**91,000 D**	**30,000**	**6,400 D**	**6,800**	**28,000**
1,1,2 Trichloroethane	*[5.0]*	1,900 U	2,500 U	77	50 U	3,600 U	2,500 U
Trichloroethene	*[6.4]*	**6,000**	**190,000 D**	**50,000**	**15,000 DB**	**17,000**	**49,000**
Vinyl Chloride	*[5.0]*	1,900 U	2,500 U	**20**	50 U	3,600 U	2,500 U
Xylenes (total)	*[10,000]*	1,900 U	8,900	2,900	830	3,600 U	3,100
Semi-Volatile Organics							
Bis (2-ethylhexyl) phthalate	*[7.1]*	**1,300**	**8,000 J**	2.5 U	2 JB	10 U	**41**
Di-n-butyl phthalate	*[3,500]*	59 J	10,000 U	10 U	10 U	10 U	0.7 J
1,2-Dichlorobenzene	*[600]*	**6,900**	**77,000**	64.6	68	3,600 U	360 J
Diethylphthalate	*[28,000]*	500 U	10,000 U	10 U	10 U	2 J	4 J
Isoporone	*[8.5]*	**390 J**	10,000 U	8.3 U	10 U	21	**57**
Naphthalene	*[14,000]*	**410 J**	**18,000 J**	10 U	1 J	3 J	13
Phenol	*[1,400]*	200	10,000 U	10 U	7 J	5 J	12
Polychlorinated biphenyls							
Aroclor-1016	*[0.5]*	1 U	1.3 U	0.8 U	1 U	1 U	1 U
Aroclor-1221	*[1.0]*	2 U	2.5 U	0.8 U	2 U	2 U	2 U
Aroclor-1232	*[0.5]*	1 U	1.3 U	0.8 U	1 U	1 U	1 U
Aroclor-1242	*[0.5]*	1 U	1.3 U	0.8 U	1 U	1 U	1 U
Aroclor-1248	*[0.5]*	1 U	1.3 U	0.8 U	1 U	1 U	1 U
Aroclor-1254	*[0.5]*	1 U	1.3 U	0.8 U	1 U	1 U	1 U
Aroclor-1260	*[0.5]*	1 U	1.3 U	0.8 U	1 U	1 U	1 U
Inorganics							
Antimony	*[46.5]*	1.7 U	4.4 B	100 U	2.5 U	1.7 U	1.5 U
Arsenic	*[50]*	6.4 B	8.1 B	20 U	4.2 U	6.2 B	1.7 B
Barium	*[1,000]*	184	852	130	108 B	97.2 B	111 B
Beryllium	*[4]*	0.2 U	0.35 B	NA	0.20 B	0.40 B	0.30 U
Cadmium	*[10]*	1.1	1.9 B	5 U	0.60 U	0.40 U	0.30 U
Chromium VI	*[50]*	10 U	10 U	10 U	NA	13.14	10 U
Lead	*[50]*	0.7 U	1.0 U	50 U	1.7 U	1.8 U	1.6 U
Manganese	*[7,000]*	21	1.1 B	250	360	324	258
Nickel	*[150]*	2 B	3.8 B	10 U	17.7 B	8.6 B	6.2 B
Silver	*[50]*	0.4 U	0.4 U	10 U	0.50 U	0.50 U	0.50 U
Tin	*[21,000]*	4.7 U	33.5	NA	9.0 U	3.7 U	2.6 U
Vanadium	*[245]*	1.2 B	3.1 B	50 U	3.8 B	0.60 U	1.7 U
Zinc	*[7,000]*	1.5 U	1.1 B	10 U	23.5	35.1	4.6 U
Cyanide	*[154]*	10 U	4.7 U	NA	0.60 U	0.80 U	0.80 U

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Subsurface Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Subsurface Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

NA= Sample was not analyzed due to laboratory error.

J = Estimated value.

D = Sample quantitated on a diluted sample.

TABLE B-3
Summary of Analytical Results for Monitoring Well T-3
ECC Superfund Site

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Subsurface Water Concentration	T-3 ECTGW3-01 4th 1998	T-3 ECTGW-03 2nd 1999	T-3 ECTGW3-05 4th 1999	T-3 ECTGW3-06 2nd 2000	T-3 ECTGW3-07 4th 2000	T-3 ECTGW3-08 1st 2001	T-3 ECTGW3-09 3rd 2001	T-3 ECTGW3-11 1st 2002
Volatile Organics									
Acetone	*[3,500]*	550 JB	780 U	22 B	2 U	20	10	44	840 U
1,1-Dichloroethene	*[7]*	160 U	160 U	4.0	3	5 U	2	3	170 U
1,2-Dichloroethene(total)	*[70]*	**5,200**	**5,780**	**6,400 D**	**3,800 D**	**9,040**	**4,100 D**	**3,000 D**	**5,100**
Ethylbenzene	*[680]*	160 U	160 U	2.0	6	7	0.3 J	0.6J	170 U
Methylene Chloride	*[156.6]*	**270 B**	98 JB	6.0	5 B	5 U	2	3	330 U
Methyl ethyl ketone	*[170]*	**780 U**	780 U	2.0 U	2 U	20 U	5 U	5 U	840 U
Methyl isobutyl ketone	*[1,750]*	250 J	780 U	99	7	20 U	5 U	0.9 J	840 U
Tetrachloroethene	*[5.0]*	160 U	160 U	**21**	**10**	**130**	**9**	**9**	170 U
Toluene	*[2,000]*	280	190	90 DJ	57 DJ	53	2	8	65 J
1,1,1-Trichloroethane	*[200]*	92 J	160 U	59 DJ	32 E	52	16	14	170 U
1,1,2 Trichloroethane	*[5.0]*	160 U	160 U	3.0	2	5 U	2	2	170 U
Trichloroethene	*[6.4]*	160 U	160 U	**49 DJ**	**21**	**70**	**15**	**16**	170 U
Vinyl Chloride	*[5.0]*	**280**	**270**	**470 D**	**160 D**	**300**	**290 D**	**300 D**	**900**
Xylenes (total)	*[10,000]*	110 J	160 U	46	20	36	6	9	170 U
Semi-Volatile Organics									
Bis (2-ethylhexyl) phthalate	*[7.1]*	**29**	**9 J**	**32**	**12**	2.5 U	10 U	10 U	**100 DB**
Di-n-butyl phthalate	*[3,500]*	10 U	10 U	1.0 J	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	*[600]*	21	9 J	24	4 J	10 U	2 B	10 U	170 U
Diethylphthalate	*[28,000]*	10 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Isoporone	*[8.5]*	3 J	3 J	11 U	10 U	8.3 U	10 U	10 U	10 U
Naphthalene	*[14,000]*	4 J	1 J	6.0 J	10 U	10 U	10 U	10 U	10 U
Phenol	*[1,400]*	10	10 U	1.0 J	10 U	10 U	10 U	10 U	0.6 J
Polychlorinated biphenyls									
Aroclor-1016	*[0.5]*	1 U	0.51 U	0.49 U	0.56 U	0.6 U	1 U	1 U	1 U
Aroclor-1221	*[1.0]*	2 U	1.0 U	0.98 U	1.1 U	0.6 U	2 U	2 U	2 U
Aroclor-1232	*[0.5]*	1 U	0.51 U	0.49 U	0.56 U	0.6 U	1 U	1 U	1 U
Aroclor-1242	*[0.5]*	1 U	0.51 U	0.49 U	0.56 U	0.6 U	1 U	1 U	1 U
Aroclor-1248	*[0.5]*	1 U	0.51 U	0.49 U	0.56 U	0.6 U	1 U	1 U	1 U
Aroclor-1254	*[0.5]*	1 U	0.51 U	0.49 U	0.56 U	0.6 U	1 U	1 U	1 U
Aroclor-1260	*[0.5]*	1 U	**29 J**	0.49 U	0.56 U	0.6 U	1 U	1 U	1 U
Inorganics									
Antimony	*[46.5]*	1.7 U	2.0 B	2.2 B	1.5 U	100 U	2.5 U	3.5 B	1.5 U
Arsenic	*[50]*	9.7 B	10.6	8.8 B	4.6 B	20 U	7.4 B	11.3	6.5 B
Barium	*[1,000]*	189	478	263	230	280	192 B	204	197 B
Beryllium	*[4]*	1 U	0.68 B	0.29 B	0.1 U	NA	0.10 U	0.40 U	0.30 U
Cadmium	*[10]*	0.7 U	1.9 B	0.31 B	0.3 U	5 U	0.60 U	0.40 U	0.30 U
Chromium VI	*[50]*	10 U	10 U	10.0 U	35.8	10 U	11.4	10 U	10 U
Lead	*[50]*	0.7 U	1.0 U	1.5 U	1.1 U	50 U	1.7 U	1.8 U	1.6 U
Manganese	*[7,000]*	24.7	151	167	195	240	548	557	564
Nickel	*[150]*	40.3	54.3	53.1	44.6	50	48	50.6	55.6
Silver	*[50]*	0.4 U	0.4 U	0.90 U	0.5 U	10 U	0.50 U	0.50 U	0.50 U
Tin	*[21,000]*	4.7 U	2.0 U	3.6 U	2.8 U	NA	9.0 U	3.7 U	2.6 U
Vanadium	*[245]*	0.56 B	0.4 U	0.80 U	0.4 U	50 U	0.70 U	2.1 B	1.7 U
Zinc	*[7,000]*	1.5 U	30	3.1 U	3.6 U	10 U	3.7 B	3.0 B	4.6 U
Cyanide	*[154]*	26.7	27	21.1	6.8 B	NA	2.9 B	1.6 B	4.0 B

Notes:

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Subsurface Water Concentrations as presented in the December 22, 2000 Background Report.

[2] – Revised Site-Specific Acceptable Subsurface Water Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U – Analyte not detected. The value shown is the associated detection limit.

B – Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

NA – Sample was not analyzed due to laboratory error.

J – Estimated value.

D – Sample quantitated on a diluted sample.

TABLE B-4
Summary of Analytical Results for Monitoring Well T-4A
ECC Superfund Site

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Subsurface Water Concentration	T-4A ECTGW4A-01 4th 1998	T-4A ECTGW-03 2nd 1999	T-4A ECTGW4-05 4th 1999	T-4A ECTGW4-06 2nd 2000	T-4A ECTGW4-07 4th 2000	T-4A ECTGW4-08 1st 2001	T-4A ECTGW4-09 3rd 2001	T-4A ECTGW4-11 1st 2002
Volatile Organics									
Acetone	*[3,500]*	2 U	2 U	3.0 B	2 U/2 U	5 U	5 U	2 J	5 U
1,1-Dichloroethene	*[7]*	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	1 J	1 U
1,2-Dichloroethene(total)	*[70]*	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	0.1 J	1 U
Ethylbenzene	*[680]*	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	1 J	1 U
Methylene Chloride	*[156.6]*	2 B	1	0.5	1 B/0.7 B	0.8 J	0.6 J	2 U	2 U
Methyl ethyl ketone	*[170]*	2 U	2 U	0.7 J	2 U/2 U	5 U	5 U	5 U	5 U
Methyl isobutyl ketone	*[1,750]*	2 U	2 U	2.0 U	2 U/2 U	5 U	5 U	5 U	5 U
Tetrachloroethene	*[5.0]*	4	0.5 U	2.0	0.5 U/0.5 U	1 U	1 U	0.2 J	1 U
Toluene	*[2,000]*	0.6 B	0.5 U	0.4 J	0.3 J/0.2 J	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	*[200]*	0.5 U	0.5 U	1.0	0.5 U/0.5 U	1 U	1 U	1 U	1 U
1,1,2 Trichloroethane	*[5.0]*	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	1 U	1 U
Trichloroethene	*[6.4]*	5	0.6	2.0	0.5 U/0.5 U	1 U	1 U	0.2 J	1 U
Vinyl Chloride	*[5.0]*	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	1 U	1 U
Xylenes (total)	*[10,000]*	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	1 U	1 U
Semi-Volatile Organics									
Bis (2-ethylhexyl) phthalate	*[7.1]*	5 J	10 U	**13**	**7 J/10**	2 J	3 JB	10 U	10 U
Di-n-butyl phthalate	*[3,500]*	10 U	10 U	10 U	10 U/10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	*[600]*	10 U	10 U	10 U	10 U/10 U	1 U	1 U	1 U	1 U
Diethylphthalate	*[28,000]*	10 U	10 U	10 U	10 U/10 U	10 U	10 U	10 U	10 U
Isoporone	*[8.5]*	10 U	10 U	10 U	10 U/10 U	10 U	10 U	10 U	10 U
Naphthalene	*[14,000]*	10 U	10 U	10 U	10 U/10 U	10 U	10 U	10 U	10 U
Phenol	*[1,400]*	10 U	10 U	10 U	10 U/10 U	10 U	10 U	10 U	10 U
Polychlorinated biphenyls									
Aroclor-1016	*[0.5]*	1 U	0.53 U	0.54 U	0.53 U/0.53 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1221	*[1.0]*	2 U	1.0 U	1.1 U	1.0 U/1.0 U	2.0 U	2.0 U	2 U	2 U
Aroclor-1232	*[0.5]*	1 U	0.53 U	0.54 U	0.53 U/0.53 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1242	*[0.5]*	1 U	0.53 U	0.54 U	0.53 U/0.53 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1248	*[0.5]*	1 U	0.53 U	0.54 U	0.53 U/0.53 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1254	*[0.5]*	1 U	0.53 U	0.54 U	0.53 U/0.53 U	1.0 U	1.0 U	1 U	1 U
Aroclor-1260	*[0.5]*	1 U	0.53 U	0.54 U	0.53 U/0.53 U	1.0 U	1.0 U	1 U	1 U
Inorganics									
Antimony	*[46.5]*	1.7 U	1.0 U	1.8 U	1.5 U/1.5 U	2.6 B	2.5 U	1.7 B	1.5 U
Arsenic	*[50]*	1.7 B	1.4 U	7.6 U	2.1 U/5.2 B	3.4 U	4.2 U	1.2 U	1.7 U
Barium	*[1,000]*	197	255	67.1	47.9/93.1	40.4 B	40.6 B	358	41.5 B
Beryllium	*[4]*	0.2 U	0.34 B	0.39 B	0.1 U/0.1 U	0.2 U	0.10 U	0.40 U	0.30 U
Cadmium	*[10]*	1.1 B	1.7 B	0.30 U	0.3 U/0.3 U	0.3 U	0.60 U	0.40 U	0.30 U
Chromium VI	*[50]*	10 U	10 U	10.0 U	**113/80.4**	10 U	10 U	10 U	10 U
Lead	*[50]*	0.7 U	1.0 U	1.5 U	1.1 U/4.1	2.1 U	1.7 U	1.8 U	1.6 U
Manganese	*[7,000]*	63	191	289	85.2/293	330	49.1	18.5	221
Nickel	*[150]*	7.2 B	11.1	5.3	5.6/18	7.8 B	6.6 B	1.4 U	7.2 B
Silver	*[50]*	0.4 U	0.4 U	0.90 U	0.5 U/0.5 U	0.4 U	0.50 U	0.50 U	0.50 U
Tin	*[21,000]*	4.7 U	2.0 U	3.6 U	2.8 U/2.8 U	6.1 U	9.0 U	3.7 U	2.6 U
Vanadium	*[245]*	0.4 U	0.4 U	0.80 U	0.4 U/11.8 B	0.7 U	0.70 U	0.60 U	1.7 U
Zinc	*[7,000]*	1.5 U	30.8	3.1 U	3.6 U/40.4	1.2 U	1.1 U	1.7 B	4.6 U
Cyanide	*[154]*	10 U	4.7 U	8.2 U	0.9 U/0.9 U	1.1 B	0.69 B	0.80 U	0.95 B

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Subsurface Water Concentrations as presented in the December 22, 2000 Background Report.

[2] – Revised Site-Specific Acceptable Subsurface Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U – Analyte not detected. The value shown is the associated detection limit.

B – Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J – Estimated value.

1 U/0.8 U – Sample result/duplicate sample result.

TABLE B-5
Summary of Analytical Results for Monitoring Well T-5
ECC Superfund Site
(Page 1 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-5 ECTGW5-01 4th 1998	T-5 ECTGW5-02 1st 1999	T-5 ECTGW5-03 2nd 1999	T-5 ECTGW5-04 3rd 1999	T-5 ECTGW5-05 4th 1999	T-5 ECTGW5-06 2nd 2000	T-5 ECTGW5-07 4th 2000
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
1,2-Dichloroethene(total)	*[9.4]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Ethylbenzene	*[3,280]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Methylene Chloride	*[15.7]*	2 B	0.7 B	0.4 J	0.1 J	0.9	1.0 B	2 U
Tetrachloroethene	*[8.85]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Toluene	*[3,400]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	1 U
1,1,1-Trichloroethane	*[5,280]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
1,1,2-Trichloroethane	*[41.8]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Trichloroethene	*[80.7]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Vinyl chloride	*[525]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	4 J	12 U	12 U	9.0 U	7.0 J	1 J	1 J
Di-n-butyl phthalate	*[154,000]*	10 U	12 U	12 U	9.0 U	9.0 U	10 U	10 U
1,2-Dichlorobenzene	*[763]*	10 U	12 U	12 U	9.0 U	9.0 U	10 U	1 U
Diethylphthalate	*[52,100]*	10 U	12 U	12 U	9.0 U	9.0 U	10 U	10 U
Naphthalene	*[620]*	10 U	12 U	12 U	9.0 U	9.0 U	10 U	10 U
Phenol	*[570]*	10 U	12 U	2 J	9.0 U	9.0 U	10 U	10 U
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1 U	0.5 U	0.53 U	0.5 U	0.51 U	0.47 U	1.0 U
Aroclor-1221	*[1.0]*	2 U	1 U	1.0 U	1.0 U	1.0 U	0.94 U	2.0 U
Aroclor-1232	*[0.5]*	1 U	0.5 U	0.53 U	0.5 U	0.51 U	0.47 U	1.0 U
Aroclor-1242	*[0.5]*	1 U	0.5 U	0.53 U	0.5 U	0.51 U	0.47 U	1.0 U
Aroclor-1248	*[0.5]*	1 U	0.5 U	0.53 U	0.5 U	0.51 U	0.47 U	1.0 U
Aroclor-1254	*[0.5]*	1 U	0.5 U	0.53 U	0.5 U	0.51 U	0.47 U	1.0 U
Aroclor-1260	*[0.5]*	1 U	0.5 U	0.53 U	0.5 U	0.51 U	0.47 U	1.0 U
Inorganics								
Arsenic	*[14]*	2.3 B	1.4 U	3.0 B	2.1 B	7.6 U	2.1 U	3.9 B
Chromium VI	*[86]*	10 U	10 U	10 U	10.0 U	10 U	100	10 U
Lead	*[26.8]*	0.7 U	1.3 B	1.0 U	1.0 U	1.5 U	1.1 U	2.1 U
Nickel	*[100]*	1.4 B	0.8 U	3.3 B	3.2 B	2.6 B	3.2 U	3.0 B
Zinc	*[152]*	1.5 U	24.1	13.5 B	9.7 B	114	18 B	1.2 U
Cyanide	*[23.9]*	10 U	10 U	4.7 U	2.8 U	8.2 U	0.90 U	1.3 B

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated value.

D= Sample quantitated on a diluted sample.

TABLE B-5
Summary of Analytical Results for Monitoring Well T-5
ECC Superfund Site
(Page 2 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-5 ECTGW5-08 1st 2001	T-5 ECTGW5-09 3rd 2001	T-5 ECTGW5-11 1st 2002				
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	1 U	1 U	1 U				
1,2-Dichloroethene(total)	*[9.4]*	1 U	1 U	1 U				
Ethylbenzene	*[3,280]*	1 U	1 U	1 U				
Methylene Chloride	*[15.7]*	0.5 J	1 U	2 U				
Tetrachloroethene	*[8.85]*	1 U	1 U	1 U				
Toluene	*[3,400]*	1 U	1 U	1 U				
1,1,1-Trichloroethane	*[5,280]*	1 U	1 U	1 U				
1,1,2-Trichloroethane	*[41.8]*	1 U	1 U	1 U				
Trichloroethene	*[80.7]*	1 U	1 U	1 U				
Vinyl chloride	*[525]*	1 U	1 U	1 U				
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	1 JB	12 U	1 J				
Di-n-butyl phthalate	*[154,000]*	10 U	12 U	10 U				
1,2-Dichlorobenzene	*[763]*	1 U	1 U	1 U				
Diethylphthalate	*[52,100]*	10 U	12 U	0.2 J				
Naphthalene	*[620]*	10 U	12 U	10 U				
Phenol	*[570]*	10 U	10 J	10 U				
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1 U	1 U	1 U				
Aroclor-1221	*[1.0]*	2 U	2 U	2 U				
Aroclor-1232	*[0.5]*	1 U	1 U	1 U				
Aroclor-1242	*[0.5]*	1 U	1 U	1 U				
Aroclor-1248	*[0.5]*	1 U	1 U	1 U				
Aroclor-1254	*[0.5]*	1 U	1 U	1 U				
Aroclor-1260	*[0.5]*	1 U	1 U	1 U				
Inorganics								
Arsenic	*[14]*	4.2 U	2.8 U	1.9 B				
Chromium VI	*[86]*	10 U	10 U	10 U				
Lead	*[26.8]*	1.7 U	1.6 U	1.6 U				
Nickel	*[100]*	1.3 U	3.3 U	1 U				
Zinc	*[152]*	1.1 U	24	4.6 U				
Cyanide	*[23.9]*	0.60 U	0.80 U	0.8 U				

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] - Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated value.

D= Sample quantitated on a diluted sample.

TABLE B-6
Summary of Analytical Results for Monitoring Well T-6
ECC Superfund Site
(Page 1 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-6 ECTGW6-01 4th 1998	T-6 ECTGW6-02 1st 1999	T-6 ECTGW6-03 2nd 1999	T-6 ECTGW6-04 3rd 1999	T-6 ECTGW6-05 4th 1999	T-6 ECTGW6-06 2nd 2000	T-6 ECTGW6-07 4th 2000
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	500 U	1,200 U	620 U	**4.0**	**37**	1,200 U	1,000 U
1,2-Dichloroethene(total)	*[9.4]*	**20,000**	**47,000**	**54,000 D**	**71,300 D**	**11,750 D**	**36,000**	**18,000**
Ethylbenzene	*[3.280]*	500 U	1,200 U	620 U	10	140	230 J	240 J
Methylene Chloride	*[15.7]*	**970 B**	**1,500 B**	**570 JB**	7.0	**97**	**920 JB**	2,000 U
Tetrachloroethene	*[8.85]*	500 U	1,200 U	620 U	0.3 J	4.0 J	1,200 U	1,000 U
Toluene	*[3.400]*	1,100	2,300	**4,300**	72 E	620 D	**3,800**	2,900
1,1,1-Trichloroethane	*[5.280]*	940	920 J	4,100	2,500 D	25 U	1,800	1,000 U
1,1,2-Trichloroethane	*[41.8]*	500 U	1,200 U	620 U	0.5 U	25 U	1,200 U	1,000 U
Trichloroethene	*[80.7]*	500 U	1,200 U	620 U	0.6	8.0 J	1,200 U	1,000 U
Vinyl chloride	*[525]*	430 J	**1,100 J**	**2,500**	110 E	**1,200 D**	**1,500**	**10,000**
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	1 J	19 U	1 J	50 U	4.0 J	0.8 J	1 J
Di-n-butyl phthalate	*[154,000]*	11 U	19 U	10 U	50 U	9.0 U	10 U	10 U
1,2-Dichlorobenzene	*[763]*	26 U	27 D	52 D	34 J	29	68	250 J
Diethylphthalate	*[52,100]*	3 J	19 U	1 J	50 U	2.0 J	4 J	6 J
Naphthalene	*[620]*	14	7 DJ	10 J	11 J	9.0 J	24	21
Phenol	*[570]*	**870 D**	200 D	230 D	520	390 D	120 D	390 D
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1 U	0.5 U	0.54 U	0.5 U	0.5 U	0.49 U	1.0 U
Aroclor-1221	*[1.0]*	2 U	1 U	1.1 U	1.0 U	1.0 U	0.98 U	2.0 U
Aroclor-1232	*[0.5]*	1 U	0.5 U	0.54 U	0.5 U	0.5 U	0.49 U	1.0 U
Aroclor-1242	*[0.5]*	1 U	0.5 U	0.54 U	0.5 U	0.5 U	0.49 U	1.0 U
Aroclor-1248	*[0.5]*	1 U	0.5 U	0.54 U	0.5 U	0.5 U	0.49 U	1.2 P
Aroclor-1254	*[0.5]*	1 U	0.5 U	0.54 U	0.5 U	0.5 U	0.49 U	1.0 U
Aroclor-1260	*[0.5]*	1 U	0.5 U	0.54 U	0.5 U	0.5 U	0.49 U	1.0 U
Inorganics								
Arsenic	*[14]*	**25.9 B**	**29.1**	**36.8**	**42.3**	**43.2**	**60.8**	**48.8**
Chromium VI	*[86]*	10 U	10 U	10 U	10.0 U	10.0 U	17.6	10 U
Lead	*[26.8]*	0.7 U	0.7 U	1.0 U	1.0 U	1.5 U	1.1 U	2.1 U
Nickel	*[100]*	43	31	31.2	44.5	39.9	40.3	43.8
Zinc	*[152]*	1.5 U	**200**	19.0 B	12.8 B	27.3	3.6 U	1.2 U
Cyanide	*[23.9]*	10 U	10 U	4.7 U	3.4 B	8.2 U	0.9 U	1.9 B

Notes:

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated value.

P = Indicates a 25% or greater difference for detected concentrations between the two GC columns. The lower of the two values is reported.

D = Sample quantitated on a diluted sample.

TABLE B-6
Summary of Analytical Results for Monitoring Well T-6
ECC Superfund Site
(Page 2 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-6 ECTGW6-08 1st 2001	T-6 ECTGW6-09 3rd 2001	T-6 ECTGW6-10 4th 2001	T-6 ECTGW6-11 1st 2002			
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	250 U	1,000 U	1,300 U	1,300 U			
1,2-Dichloroethene(total)	*[9.4]*	**33,000 D**	**6,900**	**13,000**	**11, 000**			
Ethylbenzene	*[3,280]*	350	1,000 U	1,300 U	220 J			
Methylene Chloride	*[15.7]*	**200 J**	2,000 U	2,500 U	2,500 U			
Tetrachloroethene	*[8.85]*	250 U	1,000 U	1,300 U	1,300 U			
Toluene	*[3,400]*	**3,900**	2,200	3,100	3,200			
1,1,1-Trichloroethane	*[5,280]*	560	1,000 U	300 J	310 J			
1,1,2-Trichloroethane	*[41.8]*	250 U	1,000 U	1,300 U	1,300 U			
Trichloroethene	*[80.7]*	250 U	1,000 U	1,300 U	1,300 U			
Vinyl chloride	*[525]*	**9,900 D**	**14,000**	**13,000**	**11,000**			
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U	2 J	6 JB	10 U			
Di-n-butyl phthalate	*[154,000]*	10 U	11 U	10 U	10 U			
1,2-Dichlorobenzene	*[763]*	140 JB	1,000 U	1,300 U	1,300 U			
Diethylphthalate	*[52,100]*	3 J	2 J	3 J	2 J			
Naphthalene	*[620]*	17	19	20	16			
Phenol	*[570]*	260 D	53	28	45			
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1 U	1 U	1 U	1 U			
Aroclor-1221	*[1.0]*	2 U	2 U	2 U	2 U			
Aroclor-1232	*[0.5]*	1 U	**3.2**	1 U	1 U			
Aroclor-1242	*[0.5]*	1 U	1 U	1 U	1 U			
Aroclor-1248	*[0.5]*	1 U	1 U	1 U	1 U			
Aroclor-1254	*[0.5]*	1 U	1 U	1 U	1 U			
Aroclor-1260	*[0.5]*	1 U	1 U	1 U	1 U			
Inorganics								
Arsenic	*[14]*	**55.2**	**139**	**40.2**	**40.1**			
Chromium VI	*[86]*	13.4	10 U	10 U	10 U			
Lead	*[26.8]*	1.7 U	1.8 U	2.2 U	1.6 U			
Nickel	*[100]*	26.2 B	35.7 B	21.2 B	20.2 B			
Zinc	*[152]*	1.1 U	2.5 B	1.1 U	4.6 U			
Cyanide	*[23.9]*	1.1 B	0.84 B	2.2 B	1.2 B			

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated value.

D= Sample quantitated on a diluted sample.

TABLE B-7
Summary of Analytical Results for Monitoring Well T-7
ECC Superfund Site
(Page 1 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-7 ECTGW7-01 4th 1998	T-7 ECTGW7-02 1st 1999	T-7 ECTGW-03 2nd 1999	T-7 ECTGW7-04 3rd 1999	T-7 ECTGW7-05 4th 1999	T-7 ECTGW7-06 2nd 2000	T-7 ECTGW7-07 4th 2000
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	0.8 U	2 U	2 U	0.5 U	0.5 U	0.5 U	4 U
1,2-Dichloroethene(total)	*[9.4]*	**23**	**93**	**69**	**123 D**	**64 D**	**59**	**26**
Ethylbenzene	*[3,280]*	0.8 U	2 U	2 U	1.0	2.0	3	4 U
Methylene Chloride	*[15.7]*	2 B	3 B	2 JB	1.0	0.6	3 B	8 U
Tetrachloroethene	*[8.85]*	0.4 J	2 U	2 U	2.0	3.0	3	4 U
Toluene	*[3,400]*	4	13	2 U	18	18	24	4
1,1,1-Trichloroethane	*[5,280]*	0.8 U	2 U	2 U	0.5 U	0.5 U	0.5 U	4 U
1,1,2-Trichloroethane	*[41.8]*	0.8 U	2 U	2 U	0.5 U	0.5 U	0.5 U	4 U
Trichloroethene	*[80.7]*	4	13	8	17	12	14	3 J
Vinyl chloride	*[525]*	0.6 J	1 J	1 J	3.0	2.0	7	0.7 J
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	1 J	10 U	2 J	2.0 J	1.0 J	2 J	10 U
Di-n-butyl phthalate	*[154,000]*	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	*[763]*	2 J	10 U	10 U	10 U	10 U	2 J	4 U
Diethylphthalate	*[52,100]*	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	*[620]*	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	*[570]*	29 U	13	18	80	18	47	23
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1 U	0.5 U	0.54 U	0.5 U	0.45 U	0.53 U	1.0 U
Aroclor-1221	*[1.0]*	2 U	0.99 U	1.1 U	1.0 U	0.91 U	1.0 U	2.0 U
Aroclor-1232	*[0.5]*	1 U	0.5 U	0.54 U	0.5 U	0.45 U	0.53 U	1.0 U
Aroclor-1242	*[0.5]*	1 U	0.5 U	0.54 U	0.5 U	0.45 U	0.53 U	1.0 U
Aroclor-1248	*[0.5]*	1 U	0.5 U	0.54 U	0.5 U	0.45 U	0.53 U	1.0 U
Aroclor-1254	*[0.5]*	1 U	0.5 U	0.54 U	0.10 J	0.45 U	0.53 U	1.0 U
Aroclor-1260	*[0.5]*	1 U	0.5 U	0.54 U	0.5 U	0.45 U	0.53 U	1.0 U
Inorganics								
Arsenic	*[14]*	3.5 B	1.4 U	1.4 U	2.0 U	7.6 U	2.1 U	3.4 U
Chromium VI	*[86]*	10 U	10	10 U	10.0 U	10.0 U	10 U	10 U
Lead	*[26.8]*	0.88 B	1.8 B	1.0 U	1.0 U	1.5 U	1.1 U	2.1 U
Nickel	*[100]*	6.8	6.8	7.2	8.5	5.0	6.9	4.4 B
Zinc	*[152]*	1.5 U	46.6	0.40 U	1.1 U	3.1 U	10.6 B	1.2 U
Cyanide	*[23.9]*	10 U	10 U	4.7 U	2.8 U	8.2 U	0.9 U	1.1 B

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

D= Sample quantitated on a diluted sample.

J = Estimated Value.

TABLE B-7
Summary of Analytical Results for Monitoring Well T-7
ECC Superfund Site
(Page 2 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-7 ECTGW7-08 1st 2001	T-7 ECTGW7-09 3rd 2001	T-7 ECTGW7-10 4th 2001	T-7 ECTGW7-11 1st 2002			
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	1 U	1 U	1 U	3 U			
1,2-Dichloroethene(total)	*[9.4]*	**31**	**24**	**18 D**	**12**			
Ethylbenzene	*[3,280]*	0.6 J	0.2 J	1	3 U			
Methylene Chloride	*[15.7]*	1 J	0.6 J	0.9 J	5 U			
Tetrachloroethene	*[8.85]*	0.6 J	1	0.3 J	3 U			
Toluene	*[3,400]*	6	3	13	3			
1,1,1-Trichloroethane	*[5,280]*	1 U	1 U	1 U	3 U			
1,1,2-Trichloroethane	*[41.8]*	1 U	1 U	1 U	3 U			
Trichloroethene	*[80.7]*	4	3	4	3			
Vinyl chloride	*[525]*	1	1	2	0.7 J			
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U	11 U	0.9 JB	10 U			
Di-n-butyl phthalate	*[154,000]*	10 U	11 U	10 U	10 U			
1,2-Dichlorobenzene	*[763]*	0.5 JB	0.2 J	4	3 U			
Diethylphthalate	*[52,100]*	10 U	11 U	10 U	10 U			
Naphthalene	*[620]*	10 U	11 U	10 U	10 U			
Phenol	*[570]*	18	6 J	13	2 J			
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1 U	1 U	1 U	1 U			
Aroclor-1221	*[1.0]*	2 U	2 U	2 U	2 U			
Aroclor-1232	*[0.5]*	1 U	1 U	1 U	1 U			
Aroclor-1242	*[0.5]*	1 U	1 U	1 U	1 U			
Aroclor-1248	*[0.5]*	1 U	1 U	1 U	1 U			
Aroclor-1254	*[0.5]*	1 U	1 U	1 U	1 U			
Aroclor-1260	*[0.5]*	1 U	1 U	1 U	1 U			
Inorganics								
Arsenic	*[14]*	4.2 U	1.2 U	3 U	1.7 U			
Chromium VI	*[86]*	10 U	10 U	10 U	10 U			
Lead	*[26.8]*	1.7 U	1.8 U	2.2 U	1.6 U			
Nickel	*[100]*	4.7 B	3.3 B	2.9 B	1.0 U			
Zinc	*[152]*	1.1 U	0.70 U	1.1 U	4.6 U			
Cyanide	*[23.9]*	0.60 U	0.80 U	1.2 B	0.80 U			

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

D= Sample quantitated on a diluted sample.

J = Estimated Value.

TABLE B-8
Summary of Analytical Results for Monitoring Well T-8
ECC Superfund Site
(Page 1 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-8 ECTGW8-01 4th 1998	T-8 ECTGW8-02 1st 1999	T-8 ECTGW-03 2nd 1999	T-8 ECTGW8-04 3rd 1999	T-8 ECTGW8-05 4th 1999	T-8 ECTGW8-06 2nd 2000	T-8 ECTGW8-07 4th 2000
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
1,2-Dichloroethene(total)	*[9.4]*	**10 B**	6	6	6.0	3.0	5	6
Ethylbenzene	*[3,280]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Methylene Chloride	*[15.7]*	2 B	0.7 B	0.5 JB	0.2 J	2.0	2 B	2 U
Tetrachloroethene	*[8.85]*	7	0.5 U	1	0.7	0.5 J	0.2 J	0.2 J
Toluene	*[3,400]*	0.9 B	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	1 U
1,1,1-Trichloroethane	*[5,280]*	0.5 U	0.5 U	0.4 J	0.5 U	0.5 U	0.5 U	1 U
1,1,2-Trichloroethane	*[41.8]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Trichloroethene	*[80.7]*	10	0.5 J	2	1.0	0.9	0.7	0.9 J
Vinyl chloride	*[525]*	1	1	0.4 J	0.4 J	0.3 J	0.4 J	0.2 J
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	1 J	10 U	9 U	1.0 J	1.0 JB	1 J	10 U
Di-n-butyl phthalate	*[154,000]*	10 U	10 U	9 U	10 U	10 U	11 U	10 U
1,2-Dichlorobenzene	*[763]*	2 J	10 U	9 U	10 U	10 U	11 U	1 U
Diethylphthalate	*[52,100]*	10 U	10 U	9 U	10 U	10 U	11 U	10 U
Naphthalene	*[620]*	10 U	10 U	9 U	10 U	10 U	11 U	10 U
Phenol	*[570]*	16	10 U	9 U	3.0 J	10 U	11 U	10 U
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1 U	0.5 U	0.54 U	0.45 U	0.49 U	0.51 U	1.0 U
Aroclor-1221	*[1.0]*	2 U	1 U	1.0 U	0.91 U	0.98 U	1.0 U	2.0 U
Aroclor-1232	*[0.5]*	1 U	0.5 U	0.54 U	0.45 U	0.49 U	0.51 U	1.0 U
Aroclor-1242	*[0.5]*	1 U	0.5 U	0.54 U	0.45 U	0.49 U	0.51 U	1.0 U
Aroclor-1248	*[0.5]*	1 U	0.5 U	0.54 U	0.45 U	0.49 U	0.51 U	1.0 U
Aroclor-1254	*[0.5]*	1 U	0.5 U	0.54 U	0.45 U	0.49 U	0.51 U	1.0 U
Aroclor-1260	*[0.5]*	1 U	0.5 U	0.54 U	0.45 U	0.49 U	0.51 U	1.0 U
Inorganics								
Arsenic	*[14]*	1.7 U	1.4 U	2.0 B	2.0 U	7.6 U	2.1 U	3.4 U
Chromium VI	*[86]*	10 U	10 U	10 U	10.0 U	10.0 U	10 U	10 U
Lead	*[26.8]*	1.1 B	2.0 B	1.0 U	1.0 U	1.5 U	1.1 U	2.1 U
Nickel	*[100]*	3.7 B	1.8 B	2.5 B	2.1 B	2.3 B	3.2 U	3.5 B
Zinc	*[152]*	1.5 U	107	9.8 B	29.1	7.4 B	10.7 B	1.2 U
Cyanide	*[23.9]*	10 U	10 U	4.7 U	2.8 U	8.2 U	0.90 U	1.0 B

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = *Analyte not detected. The value shown is the associated detection limit.*

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Duplicate sample result.

TABLE B-8
Summary of Analytical Results for Monitoring Well T-8
ECC Superfund Site
(Page 2 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-8 ECTGW8-08 1st 2001	T-8 ECTGW8-09 3rd 2001	T-8 ECTGW8-10 4th 2001	T-8 ECTGW8-11 1st 2002			
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	1 U	1 U	1 U	1 U			
1,2-Dichloroethene(total)	*[9.4]*	3	3	1	1			
Ethylbenzene	*[3,280]*	1 U	1 U	1 U	1 U			
Methylene Chloride	*[15.7]*	2 U	2 U	2 U	2 U			
Tetrachloroethene	*[8.85]*	1 U	0.1 J	1 U	1 U			
Toluene	*[3,400]*	1 U	1 U	0.2 J	1 U			
1,1,1-Trichloroethane	*[5,280]*	1 U	1 U	1 U	1 U			
1,1,2-Trichloroethane	*[41.8]*	1 U	1 U	1 U	1 U			
Trichloroethene	*[80.7]*	0.3 J	0.5 J	0.5 J	0.6 J			
Vinyl chloride	*[525]*	1 U	0.5 J	0.4 J	0.3 J			
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U	1 J	0.6 JB	1 JB			
Di-n-butyl phthalate	*[154,000]*	10 U	10 U	10 U	10 U			
1,2-Dichlorobenzene	*[763]*	1 U	1 U	1 U	1 U			
Diethylphthalate	*[52,100]*	10 U	10 U	0.2 J	10 U			
Naphthalene	*[620]*	10 U	10 U	10 U	10 U			
Phenol	*[570]*	10 U	10 U	10 U	10 U			
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1 U	1 U	1 U	1 U			
Aroclor-1221	*[1.0]*	2 U	2 U	2 U	2 U			
Aroclor-1232	*[0.5]*	1 U	1 U	1 U	1 U			
Aroclor-1242	*[0.5]*	1 U	1 U	1 U	1 U			
Aroclor-1248	*[0.5]*	1 U	1 U	1 U	1 U			
Aroclor-1254	*[0.5]*	1 U	1 U	1 U	1 U			
Aroclor-1260	*[0.5]*	1 U	1 U	1 U	1 U			
Inorganics								
Arsenic	*[14]*	4.2 U	1.2 U	3 U	1.7 U			
Chromium VI	*[86]*	10 U	10 U	10 U	10 U			
Lead	*[26.8]*	1.7 U	1.8 U	2.2 U	1.6 U			
Nickel	*[100]*	2.3 B	2.4 B	1.5 U	1.5 B			
Zinc	*[152]*	1.1 U	0.70 U	1.1 U	4.6 U			
Cyanide	*[23.9]*	0.85 B	2.7 B	1.6 B	0.86 B			

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Duplicate sample result.

TABLE B-9
Summary of Analytical Results for Monitoring Well T-9
ECC Superfund Site
(Page 1 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-9 ECTGW9-01 4th 1998	T-9 ECTGW9-02 1st 1999	T-9 ECTGW9-03 2nd 1999	T-9 ECTGW9-04 3rd 1999	T-9 ECTGW9-05 4th 1999	T-9 ECTGW9-06 2nd 2000	T-9 ECTGW9-07 4th 2000
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	0.5 U	1 U/0.8 U	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	8 U/1 U
1,2-Dichloroethene(total)	*[9.4]*	1	1 U/0.8 U	0.6/0.6	4.0	0.8	**12**	**50/50 D**
Ethylbenzene	*[3,280]*	0.5 U	1 U/0.8 U	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	8 U/1 U
Methylene Chloride	*[15.7]*	2 B	2 B/ 0.8 U	0.6 B/0.9 B	0.5 JB	0.5 U	0.9 B	17 U/2 J
Tetrachloroethene	*[8.85]*	0.5 U	1 U/0.8 U	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	8 U/1 U
Toluene	*[3,400]*	0.5 U	1 U/0.8 U	0.3 J/0.2 J	0.5 U	0.5 U	0.2 J	8 U/0.2 J
1,1,1-Trichloroethane	*[5,280]*	0.5 U	1 U/0.8 U	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	8 U/1 U
1,1,2-Trichloroethane	*[41.8]*	0.5 U	1 U/0.8 U	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	2 J/0.2 J
Trichloroethene	*[80.7]*	0.5 U	1 U/0.8 U	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	8 U/1 U
Vinyl chloride	*[525]*	0.5 U	56/38	35 D/43 D	0.5 U	34 D	210 D	110/90 D
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	4 J	12/1 J	4 J/1 J	6.0 J	10 U	3 J	10 U/10 U
Di-n-butyl phthalate	*[154,000]*	10 U	10 U/9 U	10 U/10 U	10 U	10 U	9 U	10 U/10 U
1,2-Dichlorobenzene	*[763]*	10 U	10 U/9 U	10 U/10 U	10 U	10 U	9 U	8 U/1 U
Diethylphthalate	*[52,100]*	10 U	10 U/9 U	10 U/10 U	10 U	10 U	9 U	10 U/10 U
Naphthalene	*[620]*	10 U	10 U/9 U	10 U/10 U	10 U	10 U	9 U	10 U/10 U
Phenol	*[570]*	10 U	10 U/9 U	10 U/10 U	10 U	10 U	9 U	10 U/10 U
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1 U	0.48 U/0.48 U	0.56 U/0.54 U	0.5 U	0.47 U	ND	1.0 U/1.0 U
Aroclor-1221	*[1.0]*	2 U	0.48 U/0.48 U	1.1 U/1.0 U	1.0 U	0.94 U	ND	2.0 U/2.0 U
Aroclor-1232	*[0.5]*	1 U	0.48 U/0.48 U	0.56 U/0.54 U	0.5 U	0.47 U	ND	1.0 U/1.0 U
Aroclor-1242	*[0.5]*	1 U	0.48 U/0.48 U	0.56 U/0.54 U	0.5 U	0.47 U	ND	1.0 U/1.0 U
Aroclor-1248	*[0.5]*	1 U	0.48 U/0.48 U	0.56 U/0.54 U	0.5 U	0.47 U	ND	1.0 U/1.0 U
Aroclor-1254	*[0.5]*	1 U	0.48 U/0.48 U	0.56 U/0.54 U	0.5 U	0.47 U	ND	1.0 U/1.0 U
Aroclor-1260	*[0.5]*	1 U	0.48 U/0.48 U	0.56 U/0.54 U	0.5 U	0.47 U	ND	1.0 U/1.0 U
Inorganics								
Arsenic	*[14]*	1.7 U	1.4 U/1.4 U	1.4 U/1.5 B	2.0 U	7.6 B	2.6 B	3.4 U/3.4 U
Chromium VI	*[86]*	10 U	10 U/10 U	10 U/10 U	10.0 U	10.0 U	**99.9**	10 U/10 U
Lead	*[26.8]*	0.7 U	1.4 B/2.0 B	1.0 U/1.0 U	1.0 U	1.5 U	1.1 U	2.1 U/2.1 U
Nickel	*[100]*	14.8 B	15/13.8	16.6/17.5	15.6	16.7	17.5	16.0 B/15.9 B
Zinc	*[152]*	11.9 U	**160**/49.4	18.0 B/**191**	4.2 B	3.1 U	7.3 B	1.2 U/1.2 U
Cyanide	*[23.9]*	10 U	10 U/10 U	4.7 U/4.7 U	2.8 U	8.2 U	0.9 U	0.99 B/0.98 B

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

D= Sample quantitated on a diluted sample.

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

TABLE B-9
Summary of Analytical Results for Monitoring Well T-9
ECC Superfund Site
(Page 2 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-9 ECTGW9-08 1st 2001	T-9 ECTGW9-09 3rd 2001	T-9 ECTGW9-11 1st 2002				
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	10 U/10 U	1 U/1 U	1 U/1 U				
1,2-Dichloroethene(total)	*[9.4]*	**69/68**	**110 D/81 D**	**61 D/67 D**				
Ethylbenzene	*[3,280]*	10 U/10 U	1 U/1 U	0.2 J/0.2 J				
Methylene Chloride	*[15.7]*	20 U/20 U	1 J/1 J	1 J/0.9 J				
Tetrachloroethene	*[8.85]*	10 U/10 U	0.9 J/0.7 J	21 U/**20**				
Toluene	*[3,400]*	10 U/10 U	0.4 J/0.5 J	2 B/1 B				
1,1,1-Trichloroethane	*[5,280]*	10 U/10 U	1 U/1 U	0.5 J/0.3 J				
1,1,2-Trichloroethane	*[41.8]*	10 U/10 U	1 U/1 U	1 U/1 U				
Trichloroethene	*[80.7]*	10 U/10 U	0.5 J/0.4 J	12/7				
Vinyl chloride	*[525]*	170/160	370 D/110 D	190 D/270 D				
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U/10 U	10 U/2 J	10 U/10 U				
Di-n-butyl phthalate	*[154,000]*	10 U/10 U	10 U/10 U	10 U/10 U				
1,2-Dichlorobenzene	*[763]*	10 U/10 U	1U/1U	0.3 J/1 U				
Diethylphthalate	*[52,100]*	10 U/10 U	10 U/10 U	10 U/10 U				
Naphthalene	*[620]*	10 U/10 U	10 U/10 U	10 U/10 U				
Phenol	*[570]*	10 U/10 U	10 U/10 U	10 U/10 U				
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1.0 U/1.0 U	1.0 U/1.0 U	1 U/1 U				
Aroclor-1221	*[1.0]*	2.0 U/2.0 U	2.0 U/2.0 U	2 U/2 U				
Aroclor-1232	*[0.5]*	1.0 U/1.0 U	1.0 U/1.0 U	1 U/1 U				
Aroclor-1242	*[0.5]*	1.0 U/1.0 U	1.0 U/1.0 U	1 U/1 U				
Aroclor-1248	*[0.5]*	1.0 U/1.0 U	1.0 U/1.0 U	1 U/1 U				
Aroclor-1254	*[0.5]*	1.0 U/1.0 U	1.0 U/1.0 U	1 U/1 U				
Aroclor-1260	*[0.5]*	1.0 U/1.0 U	1.0 U/1.0 U	1 U/1 U				
Inorganics								
Arsenic	*[14]*	4.2 U/4.2 U	3.7 B/2.7 B	2.1 B/1.7 U				
Chromium VI	*[86]*	10 U/10 U	10 U/10 U	10 U/10 U				
Lead	*[26.8]*	1.7 U/1.7 U	1.8 U/1.8 U	1.6 U/1.7 B				
Nickel	*[100]*	16.4 B/16.3 B	16.6 B/15.6 B	13.1 B/13.1 B				
Zinc	*[152]*	1.1 U/1.1 U	0.70 U/0.70 U	4.6 U/4.6 U				
Cyanide	*[23.9]*	0.70 B/0.60 U	0.80 U/0.80 U	0.80 U/0.80 U				

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

D= Sample quantitated on a diluted sample.

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

TABLE B-10
Summary of Analytical Results for Monitoring Well T-10
ECC Superfund Site
(Page 1 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-10 ECTGW10-01 4th 1998	T-10 ECTGW10-02 1st 1999	T-10 ECTGW10-03 2nd 1999	T-10 ECTGW10-04 3rd 1999	T-10 ECTGW10-05 4th 1999	T-10 ECTGW10-06 2nd 2000	T-10 ECTGW10-07 4th 2000
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	25 U	6 U	0.4 J	0.5	0.4 J	62 U	1 U
1,2-Dichloroethene(total)	*[9.4]*	**930**	**190**	**228 D**	**19.4 D**	**419 D**	**400**	**240 D**
Ethylbenzene	*[3,280]*	25 U	6 U	0.5 U	0.5 U	0.5 U	12 U	1 U
Methylene Chloride	*[15.7]*	**50 B**	7 B	0.6 B	0.4 JB	0.3 J	12 JB	2 U
Tetrachloroethene	*[8.85]*	25 U	6 U	0.5 U	0.5 U	0.5 U	12 U	1 U
Toluene	*[3,400]*	25 U	6 U	0.5 U	0.5 U	0.5 U	3 J	0.2 J
1,1,1-Trichloroethane	*[5,280]*	130	15	19	18	19	16	8
1,1,2-Trichloroethane	*[41.8]*	25 U	6 U	0.5 U	0.5 U	0.5 U	12 U	1 U
Trichloroethene	*[80.7]*	25 U	6 U	2	2.0	2.0	3 J	1.0
Vinyl chloride	*[525]*	25 U	6 U	5	0.5 U	0.5 U	16	14
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U	1 J	3 J	2.0 J	1.0 JB	1 J	1 J
Di-n-butyl phthalate	*[154,000]*	10 U	9 U	11 U	10 U	9.0 U	10 U	10 U
1,2-Dichlorobenzene	*[763]*	10 U	9 U	11 U	10 U	9.0 U	10 U	1 U
Diethylphthalate	*[52,100]*	10 U	9 U	11 U	10 U	9.0 U	10 U	10 U
Naphthalene	*[620]*	10 U	9 U	11 U	10 U	9.0 U	10 U	10 U
Phenol	*[570]*	10 U	9 U	11 U	10 U	9.0 U	10 U	10 U
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1 U	0.5 U	0.51 U	0.5 U	0.46 U	0.58 U	1.0 U
Aroclor-1221	*[1.0]*	2 U	1 U	1.0 U	1.0 U	0.92 U	1.2 U	2.0 U
Aroclor-1232	*[0.5]*	1 U	0.5 U	0.51 U	0.5 U	0.46 U	0.58 U	1.0 U
Aroclor-1242	*[0.5]*	1 U	0.5 U	0.51 U	0.5 U	0.46 U	0.58 U	1.0 U
Aroclor-1248	*[0.5]*	1 U	0.5 U	0.51 U	0.5 U	0.46 U	0.58 U	1.0 U
Aroclor-1254	*[0.5]*	1 U	0.5 U	0.51 U	0.5 U	0.46 U	0.58 U	0.25 J
Aroclor-1260	*[0.5]*	1 U	0.5 U	0.51 U	0.5 U	0.46 U	0.58 U	1.0 U
Inorganics								
Arsenic	*[14]*	6.9 B	1.7 B	1.4 U	4.4 B	7.6 U	2.1 U	3.4 U
Chromium VI	*[86]*	10 U	10 U	10 U	10.0 U	10.0 U	**156**	10 U
Lead	*[26.8]*	0.84 B	0.97 B	1.5 B	1.0 U	1.5 U	1.1 U	2.1 U
Nickel	*[100]*	20.7	13.9	14.2	12.4	12.7	11.6	14.2 B
Zinc	*[152]*	1.5 U	**192**	67.3	7.2 B	16.4 B	3.6 U	1.2 U
Cyanide	*[23.9]*	10 U	10 U	4.7 U	2.8 U	8.2 U	0.90 U	1.6 B

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

D= Sample quantitated on a diluted sample.

TABLE B-10
Summary of Analytical Results for Monitoring Well T-10
ECC Superfund Site
(Page 2 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	T-10 ECTGW10-08 1st 2001	T-10 ECTGW10-09 3rd 2001	T-10 ECTGW10-11 1st 2002				
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	13 U	0.3 J	0.8 J				
1,2-Dichloroethene(total)	*[9.4]*	**210**	**230 D**	**300 D**				
Ethylbenzene	*[3,280]*	13 U	1 U	1 U				
Methylene Chloride	*[15.7]*	25 U	2 U	2 U				
Tetrachloroethene	*[8.85]*	3 JB	0.2 J	15				
Toluene	*[3,400]*	13 U	1 U	0.8 JB				
1,1,1-Trichloroethane	*[5,280]*	7 J	10	11				
1,1,2-Trichloroethane	*[41.8]*	13 U	1 U	1 U				
Trichloroethene	*[80.7]*	2 JB	2	9				
Vinyl chloride	*[525]*	6 J	16 DJ	96 D				
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U	7 J	10 U				
Di-n-butyl phthalate	*[154,000]*	10 U	10 U	10 U				
1,2-Dichlorobenzene	*[763]*	13 U	1U	0.2 J				
Diethylphthalate	*[52,100]*	10 U	10 U	10 U				
Naphthalene	*[620]*	10 U	10 U	10 U				
Phenol	*[570]*	10 U	10 U	10 U				
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1 U	1 U	1 U				
Aroclor-1221	*[1.0]*	2 U	2 U	2 U				
Aroclor-1232	*[0.5]*	1 U	1 U	1 U				
Aroclor-1242	*[0.5]*	1 U	1 U	1 U				
Aroclor-1248	*[0.5]*	1 U	1 U	1 U				
Aroclor-1254	*[0.5]*	1 U	1 U	1 U				
Aroclor-1260	*[0.5]*	1 U	1 U	1 U				
Inorganics								
Arsenic	*[14]*	5.3 B	9.3 B	**14.3**				
Chromium VI	*[86]*	10 U	13.12	10 U				
Lead	*[26.8]*	1.7 U	2.2 B	1.6 U				
Nickel	*[100]*	14.9 B	12.2 B	10.8 B				
Zinc	*[152]*	1.1 U	0.70 U	4.6 U				
Cyanide	*[23.9]*	0.66 B	0.80 U	0.8 U				

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

D= Sample quantitated on a diluted sample.

TABLE B-11
Summary of Analytical Results for Monitoring Well S-1
ECC Superfund Site
(Page 1 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-1 ECSGW1-01 4th 1998	S-1 ECSGW1-02 1st 1999	S-1 ECSGW-03 2nd 1999	S-1 ECSGW1-04 3rd 1999	S-1 ECSGW1-05 4th 1999	S-1 ECSGW1-06 2nd 2000	S-1 ECSGW1-07 4th 2000
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U/1 U
1,2-Dichloroethene(total)	*[9.4]*	0.5 U	0.5 U	0.5 U	0.3 J	0.5 U	0.5 U	1 U/1 U
Ethylbenzene	*[3,280]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U/1 U
Methylene Chloride	*[15.7]*	2 B	0.7 B	0.7	0.5 JB	0.5 J	2 B	0.8 J/2 U
Tetrachloroethene	*[8.85]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U/1 U
Toluene	*[3,400]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J	0.7 J/1 U
1,1,1-Trichloroethane	*[5,280]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U/1 U
1,1,2-Trichloroethane	*[41.8]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U/1 U
Trichloroethene	*[80.7]*	0.5 U	0.5 U	0.8	0.5 U	0.5 U	0.5 U	1 U/1 U
Vinyl chloride	*[525]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U/1 U
Semi-Volatile Organics								
is (2-ethylhexyl) phthalate	*[50,000]*	10 U/10 U	10 U	10 U	10 U	10 U	11 U	10 U/ 10 U
Di-n-butyl phthalate	*[154,000]*	10 U/10 U	10 U	10 U	10 U	10 U	11 U	10 U/ 10 U
1,2-Dichlorobenzene	*[763]*	10 U/10 U	10 U	10 U	10 U	10 U	11 U	1 U/1 U
Diethylphthalate	*[52,100]*	10 U/10 U	10 U	10 U	10 U	10 U	11 U	10 U/ 10 U
Naphthalene	*[620]*	10 U/10 U	10 U	10 U	10 U	10 U	11 U	10 U/ 10 U
Phenol	*[570]*	10 U/10 U	10 U	10 U	10 U	10 U	11 U	10 U/ 10 U
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1 U/1 U	0.48 U	0.54 U	0.5 U	0.51 U	0.46 U	1.0 U/1.0 U
Aroclor-1221	*[1.0]*	2 U/2 U	0.95 U	1.1 U	1.0 U	1.0 U	0.93 U	2.0 U/2.0 U
Aroclor-1232	*[0.5]*	1 U/1 U	0.48 U	0.54 U	0.5 U	0.51 U	0.46 U	1.0 U/1.0 U
Aroclor-1242	*[0.5]*	1 U/1 U	0.48 U	0.54 U	0.5 U	0.51 U	0.46 U	1.0 U/1.0 U
Aroclor-1248	*[0.5]*	1 U/1 U	0.48 U	0.54 U	0.5 U	0.51 U	0.46 U	1.0 U/1.0 U
Aroclor-1254	*[0.5]*	1 U/1 U	0.48 U	0.54 U	0.5 U	0.51 U	0.46 U	1.0 U/1.0 U
Aroclor-1260	*[0.5]*	1 U/1 U	0.48 U	0.54 U	0.5 U	0.51 U	0.46 U	1.0 U/1.0 U
Inorganics								
Arsenic	*[14.0]*	1.7 U/1.7 U	1.4 B	1.4 U	2.0 U	7.6 U	2.1 U	3.4 U/3.4 U
Chromium VI	*[86.0]*	10 U/10 U	10 U	10 U	10.0 U	10.0 U	15.1	10 U/10 U
Lead	*[26.8]*	0.81 B/ 0.7 U	0.7 U	1.0 U	1.0 U	1.5 U	1.1 U	2.1 U/2.1 U
Nickel	*[100]*	0.7 U/0.7 U	1.3 B	1.3 B	1.0 U	1.1 U	3.2 U	0.96 B/0.96 B
Zinc	*[152.0]*	1.5 U/1.5 U	0.8 U	4.8 B	1.1 U	3.1 U	3.6 U	1.2 U/1.2 U
Cyanide	*[23.9]*	10 U/10 U	10 U	4.7 U	2.8 U	8.2 U	0.90 U	1.1 B/1.3 B

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrationsas presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

TABLE B-11
Summary of Analytical Results for Monitoring Well S-1
ECC Superfund Site
(Page 2 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-1 ECSGW1-08 1st 2001	S-1 ECSGW1-09 3rd 2001	S-1 ECSGW1-11 1st 2002				
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	1 U/1 U	1 U/1 U	1 U				
1,2-Dichloroethene(total)	*[9.4]*	1 U/1 U	0.2 J/0.1 J	1 U				
Ethylbenzene	*[3,280]*	1 U/1 U	1 U/1 U	1 U				
Methylene Chloride	*[15.7]*	2 U/0.7 J	2 U/2 U	2 U				
Tetrachloroethene	*[8.85]*	1 U/1 U	1 U/1 U	1 U				
Toluene	*[3,400]*	1 U/1 U	1 U/1 U	1 U				
1,1,1-Trichloroethane	*[5,280]*	1 U/1 U	1 U/1 U	1 U				
1,1,2-Trichloroethane	*[41.8]*	1 U/1 U	1 U/1 U	1 U				
Trichloroethene	*[80.7]*	1 U/1 U	1 U/1 U	1 U				
Vinyl chloride	*[525]*	1 U/1 U	1 U/1 U	1 U				
Semi-Volatile Organics								
is (2-ethylhexyl) phthalate	*[50,000]*	10 U/ 1 JB	1 J/10 U	10 U				
Di-n-butyl phthalate	*[154,000]*	10 U/ 10 U	10 U/10 U	10 U				
1,2-Dichlorobenzene	*[763]*	1 U/1 U	1 U/1 U	1 U				
Diethylphthalate	*[52,100]*	10 U/ 10 U	10 U/10 U	10 U				
Naphthalene	*[620]*	10 U/ 10 U	10 U/10 U	10 U				
Phenol	*[570]*	10 U/ 10 U	10 U/10 U	10 U				
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1.0 U/1.0 U	1 U/1 U	1 U				
Aroclor-1221	*[1.0]*	2.0 U/2.0 U	2 U/2 U	2 U				
Aroclor-1232	*[0.5]*	1.0 U/1.0 U	1 U/1 U	1 U				
Aroclor-1242	*[0.5]*	1.0 U/1.0 U	1 U/1 U	1 U				
Aroclor-1248	*[0.5]*	1.0 U/1.0 U	1 U/1 U	1 U				
Aroclor-1254	*[0.5]*	1.0 U/1.0 U	1 U/1 U	1 U				
Aroclor-1260	*[0.5]*	1.0 U/1.0 U	1 U/1 U	1 U				
Inorganics								
Arsenic	*[14.0]*	4.2 U/4.2 U	1.8 B/1.8 B	1.7 U				
Chromium VI	*[86.0]*	10 U/10 U	10 U/10 U	10 U				
Lead	*[26.8]*	1.7 U/1.7 U	1.8 U/1.8 U	1.6 U				
Nickel	*[100]*	1.3 U/1.3 U	7.8 B/1.4 U	1 U				
Zinc	*[152.0]*	1.1 U/1.1 U	4.9 B/.70 U	4.6 U				
Cyanide	*[23.9]*	0.60 U/0.60 U	0.80 U/80 U	0.8 U				

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= *instrument detection limit (inorganic)*.

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

TABLE B-12
Summary of Analytical Results for Monitoring Well S-2
ECC Superfund Site
(Page 1 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-2 ECSGW2-01 4th 1998	S-2 ECSGW2-02 1st 1999	S-2 ECSGW2-03 2nd 1999	S-2 ECSGW2-04 3rd 1999	S-2 ECSGW2-05 4th 1999	S-2 ECSGW2-06 2nd 2000	S-2 ECSGW2-07 4th 2000
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
1,2-Dichloroethene(total)	*[9.4]*	3	2	0.5 U	0.6	2.0/0.8	0.4 J	0.4 J
Ethylbenzene	*[3,280]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
Methylene Chloride	*[15.7]*	2 B	0.8 B	0.3 J	0.5 U	2.0/1.0	2 B	2 U
Tetrachloroethene	*[8.85]*	0.5 U	0.5 U	0.5 U	0.5 U	0.9/0.7	0.5 U	1 U
Toluene	*[3,400]*	0.5 U	0.5 U	0.5 U	0.5 U	0.3 J/0.2 J	0.4 J	0.2 J
1,1,1-Trichloroethane	*[5,280]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5/0.4 J	0.5 U	1 U
1,1,2-Trichloroethane	*[41.8]*	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
Trichloroethene	*[80.7]*	0.5 U	0.5 U	0.5 U	0.5 U	0.9/0.9	0.5 U	1 U
Vinyl chloride	*[525]*	3	0.4 J	0.5 U	0.6	0.8/0.7	0.9	0.2 J
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U/10 U	10 U	10 U	1.0 J	10 U/10 U	10 U	11 U
Di-n-butyl phthalate	*[154,000]*	10 U/10 U	10 U	10 U	4.0 J	10 U/10 U	10 U	11 U
1,2-Dichlorobenzene	*[763]*	10 U/10 U	10 U	10 U	10 U	10 U/10 U	10 U	1 U
Diethylphthalate	*[52,100]*	10 U/10 U	10 U	10 U	10 U	10 U/10 U	10 U	11 U
Naphthalene	*[620]*	10 U/10 U	10 U	10 U	10 U	10 U/10 U	10 U	11 U
Phenol	*[570]*	10 U/10 U	10 U	10 U	10 U	10 U/10 U	10 U	11 U
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1 U/ 1U	0.5 U	0.50 U	0.56 U	0.51 U/0.51 U	0.46 U	1.0 U
Aroclor-1221	*[1.0]*	2 U/ 2U	1 U	1.0 U	1.1 U	1.0 U/1.0 U	0.93 U	2.0 U
Aroclor-1232	*[0.5]*	1 U/ 1U	0.5 U	0.50 U	0.56 U	0.51 U/0.51 U	0.46 U	1.0 U
Aroclor-1242	*[0.5]*	1 U/ 1U	0.5 U	0.50 U	0.56 U	0.51 U/0.51 U	0.46 U	1.0 U
Aroclor-1248	*[0.5]*	1 U/ 1U	0.5 U	0.50 U	0.56 U	0.51 U/0.51 U	0.46 U	1.0 U
Aroclor-1254	*[0.5]*	1 U/ 1U	0.5 U	0.50 U	0.56 U	0.51 U/0.51 U	0.46 U	1.0 U
Aroclor-1260	*[0.5]*	1 U/ 1U	0.5 U	0.50 U	0.56 U	0.51 U/0.51 U	0.46 U	1.0 U
Inorganics								
Arsenic	*[14.0]*	1.7 U/ 1.7 U	1.4 U	1.4 U	2.0 U	7.6 U/7.6 U	2.1 U	3.4 U
Chromium VI	*[86.0]*	10 U/10 U	10 U	10 U	10.0 U	10.0 U/10.0 U	10 U	10 U
Lead	*[26.8]*	0.7 U/0.7 U	0.7 U	1.0 U	1.0 U	1.5 U/1.5 U	1.1 U	2.1 U
Nickel	*[100]*	4 B/3.8 B	4.8 B	5	4.7 B	4.8 B/6.1 U	4.4 B	6.2 B
Zinc	*[152.0]*	1.5 U/1.5 U	0.8 U	12.4	1.1 U	3.1 U/3.1 U	3.6 U	1.2 U
Cyanide	*[23.9]*	10 U/10 U	10 U	4.7 U	2.8 U	8.2 U/8.2 U	0.90 U	0.95 B

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Sample result/Duplicate sample result.

TABLE B-12
Summary of Analytical Results for Monitoring Well S-2
ECC Superfund Site
(Page 2 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-2 ECSGW2-08 1st 2001	S-2 ECSGW2-09 3rd 2001	S-2 ECSGW2-10 4th 2001	S-2 ECSGW2-11 1st 2002			
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	1 U	1 U	1 U	1 U/1 U			
1,2-Dichloroethene(total)	*[9.4]*	0.3 J	0.1 J	0.3 J	1 U/1 U			
Ethylbenzene	*[3,280]*	1 U	1 U	1 U	1 U/1 U			
Methylene Chloride	*[15.7]*	0.6 J	2 U	2 U	2 U/2 U			
Tetrachloroethene	*[8.85]*	1 U	1 U	1 U	1 U/1 U			
Toluene	*[3,400]*	1 U	1 U	0.1 J	1 U/0.1 J			
1,1,1-Trichloroethane	*[5,280]*	1 U	1 U	1 U	1 U/1 U			
1,1,2-Trichloroethane	*[41.8]*	1 U	1 U	1 U	1 U/1 U			
Trichloroethene	*[80.7]*	1 U	1 U	1 U	1 U/1 U			
Vinyl chloride	*[525]*	0.4 J	1	0.4 J	0.4 J/0.5 J			
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U	10 U	0.8 JB	10 U/10 U			
Di-n-butyl phthalate	*[154,000]*	10 U	10 U	10 U	10 U/10 U			
1,2-Dichlorobenzene	*[763]*	1 U	1 U	1 U	1 U/1 U			
Diethylphthalate	*[52,100]*	10 U	10 U	10 U	10 U/10 U			
Naphthalene	*[620]*	10 U	10 U	10 U	10 U/10 U			
Phenol	*[570]*	10 U	10 U	10 U	10 U/10 U			
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1.0 U	1.0 U	1.0 U	1 U/1 U			
Aroclor-1221	*[1.0]*	2.0 U	2.0 U	2.0 U	2 U/2 U			
Aroclor-1232	*[0.5]*	1.0 U	1.0 U	1.0 U	1 U/1 U			
Aroclor-1242	*[0.5]*	1.0 U	1.0 U	1.0 U	1 U/1 U			
Aroclor-1248	*[0.5]*	1.0 U	1.0 U	1.0 U	1 U/1 U			
Aroclor-1254	*[0.5]*	1.0 U	1.0 U	1.0 U	1 U/1 U			
Aroclor-1260	*[0.5]*	1.0 U	1.0 U	1.0 U	1 U/1 U			
Inorganics								
Arsenic	*[14.0]*	4.2 U	1.9 B	3.0 U	1.7 U/1.7 U			
Chromium VI	*[86.0]*	10 U	10 U	10 U	10 U/10 U			
Lead	*[26.8]*	1.7 U	1.8 U	2.2 U	1.6 U/1.6 U			
Nickel	*[100]*	5.8 B	4.7 B	6.1 B	2.1 B/5.6 B			
Zinc	*[152.0]*	1.1 U	.70 U	1.1 U	4.6 U/4.6 U			
Cyanide	*[23.9]*	0.60 U	1.3 B	0.97 B	0.8 U/3.5 B			

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

TABLE B-13
Summary of Analytical Results for Monitoring Well S-3
ECC Superfund Site
(Page 1 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-3 ECSGW3-01 4th 1998	S-3 ECSGW3-02 1st 1999	S-3 ECSGW3-03 2nd 1999	S-3 ECSGW3-04 3rd 1999	S-3 ECSGW3-05 4th 1999	S-3 ECSGW3-06 2nd 2000	S-3 ECSGW3-07 4th 2000
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
1,2-Dichloroethene(total)	*[9.4]*	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
Ethylbenzene	*[3,280]*	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.1 J/0.5 U	0.5 U	1 U
Methylene Chloride	*[15.7]*	2.0 B/2.0 B	0.6 B	0.9	0.2 J	0.5 U/2.0	0.6 B	2 U
Tetrachloroethene	*[8.85]*	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
Toluene	*[3,400]*	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.2 J	1 U
1,1,1-Trichloroethane	*[5,280]*	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
1,1,2-Trichloroethane	*[41.8]*	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	0.5 U	1 U
Trichloroethene	*[80.7]*	0.5 U/0.5 U	0.5 U	0.3 J	0.5 U	0.5 U/0.5 U	0.5 U	1 U
Vinyl chloride	*[525]*	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	0.5 U/0.3 J	0.7	1
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U / 10 U	10 U	10 U	10 U	10 U/10 U	10 U	10 U
Di-n-butyl phthalate	*[154,000]*	10 U / 10 U	10 U	10 U	10 U	10 U/10 U	10 U	10 U
1,2-Dichlorobenzene	*[763]*	10 U / 10 U	10 U	10 U	10 U	10 U/10 U	10 U	1 U
Diethylphthalate	*[52,100]*	10 U / 10 U	10 U	10 U	10 U	10 U/10 U	10 U	10 U
Naphthalene	*[620]*	10 U / 10 U	10 U	10 U	10 U	10 U/10 U	10 U	10 U
Phenol	*[570]*	10 U / 10 U	10 U	10 U	10 U	10 U/10 U	10 U	10 U
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1.0 U/1.0 U	0.48 U	0.5 U	0.52 U	0.46 U/0.5 U	0.51 U	1.0 U
Aroclor-1221	*[1.0]*	2.0 U/2.0 U	0.95 U	1 U	1 U	0.92 U/1.0 U	1.0 U	2.0 U
Aroclor-1232	*[0.5]*	1.0 U/1.0 U	0.48 U	0.5 U	0.52 U	0.46 U/0.5 U	0.51 U	1.0 U
Aroclor-1242	*[0.5]*	1.0 U/1.0 U	0.48 U	0.5 U	0.52 U	0.46 U/0.5 U	0.51 U	1.0 U
Aroclor-1248	*[0.5]*	1.0 U/1.0 U	0.48 U	0.5 U	0.52 U	0.46 U/0.5 U	0.51 U	1.0 U
Aroclor-1254	*[0.5]*	1.0 U/1.0 U	0.48 U	0.5 U	0.52 U	0.46 U/0.5 U	0.51 U	1.0 U
Aroclor-1260	*[0.5]*	1.0 U/1.0 U	0.48 U	0.5 U	0.52 U	0.46 U/0.5 U	0.51 U	1.0 U
Inorganics								
Arsenic	*[14.0]*	1.7 U/1.7 U	1.4 U	4.4 B	2.0 U	7.6 U/7.6 U	2.1 U	3.4 U
Chromium VI	*[86.0]*	10 U / 10 U	10 U	10 U	10.0 U	10.0 U/10.0 U	10 U	10 U
Lead	*[26.8]*	0.7 U/0.76 B	0.7 U	1 U	1.0 U	1.5 U/1.5 U	1.1 U	2.1 U
Nickel	*[100]*	2.3 B/2.2 B	2.8 B	10.4	8.8	9.0/9.1	8.7	9.1 B
Zinc	*[152.0]*	1.5 U/1.5 U	0.8 U	0.4 U	1.1 U	3.1 U/3.1 U	3.6 U	1.2 U
Cyanide	*[23.9]*	10 U / 10 U	10 U	4.7 U	2.8 U	8.2 U/8.2 U	0.90 U	0.90 U

Notes:

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

TABLE B-13
Summary of Analytical Results for Monitoring Well S-3
ECC Superfund Site
(Page 2 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-3 ECSGW3-08 1st 2001	S-3 ECSGW3-09 3rd 2001	S-3 ECSGW3-11 1st 2002				
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	1 U	1 U	1 U				
1,2-Dichloroethene(total)	*[9.4]*	1 U	1 U	0.1 J				
Ethylbenzene	*[3,280]*	1 U	1 U	1 U				
Methylene Chloride	*[15.7]*	0.7 J	2 U	2 U				
Tetrachloroethene	*[8.85]*	1 U	1U	1 U				
Toluene	*[3,400]*	0.1 J	1U	1 U				
1,1,1-Trichloroethane	*[5,280]*	1 U	1 U	1 U				
1,1,2-Trichloroethane	*[41.8]*	1 U	1 U	1 U				
Trichloroethene	*[80.7]*	1 U	1 U	1 U				
Vinyl chloride	*[525]*	1	5	11				
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U	10 U	10 U				
Di-n-butyl phthalate	*[154,000]*	10 U	10 U	10 U				
1,2-Dichlorobenzene	*[763]*	1 U	1 U	**0.02 J**				
Diethylphthalate	*[52,100]*	10 U	10 U	10 U				
Naphthalene	*[620]*	10 U	10 U	10 U				
Phenol	*[570]*	10 U	10 U	10 U				
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1.0 U	1.0 U	1 U				
Aroclor-1221	*[1.0]*	2.0 U	2.0 U	2 U				
Aroclor-1232	*[0.5]*	1.0 U	1.0 U	1 U				
Aroclor-1242	*[0.5]*	1.0 U	1.0 U	1 U				
Aroclor-1248	*[0.5]*	1.0 U	1.0 U	1 U				
Aroclor-1254	*[0.5]*	1.0 U	1.0 U	1 U				
Aroclor-1260	*[0.5]*	1.0 U	1.0 U	1 U				
Inorganics								
Arsenic	*[14.0]*	4.2 U	1.2 U	1.7 U				
Chromium VI	*[86.0]*	10 U	10 U	10 U				
Lead	*[26.8]*	1.7 U	1.8 U	1.6 U				
Nickel	*[100]*	9.5 B	12.3 B	8 B				
Zinc	*[152.0]*	1.1 U	.70 U	4.6 U				
Cyanide	*[23.9]*	0.6 U	.80 U	0.8 U				

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

TABLE B-14
Summary of Analytical Results for Monitoring Well S-4A
ECC Superfund Site
(Page 1 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-4 ECSGW4-01 4th 1998	S-4A ECSGW4-02 1st 1999	S-4A ECSGW4-03 2nd 1999	S-4A ECSGW4-04 3rd 1999	S-4A ECSGW4-05 4th 1999	S-4A ECSGW4-06 2nd 2000	S-4A ECSGW4-07 4th 2000
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.5 U/0.5 U	1 U
1,2-Dichloroethene(total)	*[9.4]*	0.5 U/1.0	**87**	**100/87**	**85.8 D/91.9 D**	**66.5 E**	**62/36**	**73 D**
Ethylbenzene	*[3,280]*	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.5 U/0.5 U	1 U
Methylene Chloride	*[15.7]*	2 B/3 B	3 B	4 U/4 U	0.3 J/0.3 J	1.0	3 D/ 3 JB	0.8 J
Tetrachloroethene	*[8.85]*	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.5 U/0.5 U	1 U
Toluene	*[3,400]*	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.7 J/0.7 J	1 U
1,1,1-Trichloroethane	*[5,280]*	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.5 U/0.5 U	1 U
1,1,2-Trichloroethane	*[41.8]*	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.5 U/0.5 U	1 U
Trichloroethene	*[80.7]*	0.5 U/0.5 U	2 U	4 U/4 U	0.5 U/0.5 U	0.5 U	0.5 U/0.5 U	1 U
Vinyl chloride	*[525]*	0.5 U/0.5 U	2 J	3 J/ 3J	0.5 U/0.5 U	7.0	3/2 J	5
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U/10 U	10 U	10 U/1 J	10 U/10 U	10 U	9 U/11 U	10 U
Di-n-butyl phthalate	*[154,000]*	10 U/10 U	10 U	10 U/10 U	10 U/10 U	10 U	9 U/11 U	10 U
1,2-Dichlorobenzene	*[763]*	10 U/10 U	10 U	10 U/10 U	10 U/10 U	10 U	9 U/11 U	1 U
Diethylphthalate	*[52,100]*	10 U/10 U	10 U	10 U/10 U	10 U/10 U	10 U	9 U/11 U	10 U
Naphthalene	*[620]*	10 U/10 U	10 U	10 U/10 U	10 U/10 U	10 U	9 U/11 U	10 U
Phenol	*[570]*	10 U/10 U	10 U	10 U/10 U	10 U/10 U	10 U	9 U/11 U	10 U
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1 U/0.95 U	0.50 U	0.47 U/0.51 U	0.55 U/0.52 U	0.50 U	0.47 U/0.48 U	1.0 U
Aroclor-1221	*[1.0]*	2 U/ 1.9 U	1.0 U	0.93 U/1.0 U	1.1 U/1.0 U	1.0 U	0.94 U/0.95 U	2.0 U
Aroclor-1232	*[0.5]*	1 U/0.95 U	0.50 U	0.47 U/0.51 U	0.55 U/0.52 U	0.50 U	0.47 U/0.48 U	1.0 U
Aroclor-1242	*[0.5]*	1 U/0.95 U	0.50 U	0.47 U/0.51 U	0.55 U/0.52 U	0.50 U	0.47 U/0.48 U	1.0 U
Aroclor-1248	*[0.5]*	1 U/0.95 U	0.50 U	0.47 U/0.51 U	0.55 U/0.52 U	0.50 U	0.47 U/0.48 U	1.0 U
Aroclor-1254	*[0.5]*	1 U/0.95 U	0.50 U	0.47 U/0.51 U	0.55 U/0.52 U	0.50 U	0.47 U/0.48 U	0.11 J
Aroclor-1260	*[0.5]*	1 U/0.95 U	0.50 U	0.47 U/0.51 U	0.55 U/0.52 U	0.50 U	0.47 U/0.48 U	1.0 U
Inorganics								
Arsenic	*[14.0]*	1.7 U/1.7 U	2.5 B	2.0 B/1.4 U	2.0 U/2.0 U	7.6 U	2.1 U/2.1 U	3.4 U
Chromium VI	*[86.0]*	10 U/10 U	10 U	10 U/10 U	10.0 U/10.0 U	10.0 U	11.2/10 U	10 U
Lead	*[26.8]*	0.7 U/0.7 U	1.2 B	1.0 U/1.0 U	1.0 U/1.0 U	1.5 U	1.1 U/1.1 U	2.1 U
Nickel	*[100]*	0.7 U/0.84 B	1.6 B	2.1 B/1.4 B	1.0 U/1.0 U	1.1 U	3.2 U/3.2 U	1.9 B
Zinc	*[152.0]*	1.5 U/1.5 U	0.8 U	0.40 U/0.4 U	1.1 U/1.1 U	3.1 U	3.6 U/3.6 U	1.2 U
Cyanide	*[23.9]*	10 U/10 U	10 U	4.7 U/4.7 U	2.8 U/2.8 U	8.2 U	0.90 U/0.90 U	0.90 U

Notes:

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

D= Sample quantitated on a diluted sample.

E= Exceeds the upper limit of the calibration range of the instrument for that specific compound.

1 U/0.8 U = Sample result/duplicate sample result.

TABLE B-14
Summary of Analytical Results for Monitoring Well S-4A
ECC Superfund Site
(Page 2 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	S-4A ECSGW4-08 1st 2001	S-4A ECSGW4-09 3rd 2001	S-4A ECSGW4-11 1st 2002				
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	5 U	1U	0.3 J				
1,2-Dichloroethene(total)	*[9.4]*	**86**	**43 D**	**200 D**				
Ethylbenzene	*[3,280]*	5 U	1 U	0.2 J				
Methylene Chloride	*[15.7]*	10 U	2 U	0.8 J				
Tetrachloroethene	*[8.85]*	2 J	1 U	17 U				
Toluene	*[3,400]*	5 U	1 U	3 B				
1,1,1-Trichloroethane	*[5,280]*	5 U	1 U	2				
1,1,2-Trichloroethane	*[41.8]*	5 U	1 U	1 U				
Trichloroethene	*[80.7]*	5 U	1 U	24				
Vinyl chloride	*[525]*	6	16	13				
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	11 U	5 J	10 U				
Di-n-butyl phthalate	*[154,000]*	11 U	10 U	10 U				
1,2-Dichlorobenzene	*[763]*	5 U	1 U	0.6 J				
Diethylphthalate	*[52,100]*	11 U	10 U	10 U				
Naphthalene	*[620]*	11 U	10 U	10 U				
Phenol	*[570]*	11 U	10 U	10 U				
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1.0 U	1 U	1 U				
Aroclor-1221	*[1.0]*	2.0 U	2 U	2 U				
Aroclor-1232	*[0.5]*	1.0 U	1 U	1 U				
Aroclor-1242	*[0.5]*	1.0 U	1 U	1 U				
Aroclor-1248	*[0.5]*	1.0 U	1 U	1 U				
Aroclor-1254	*[0.5]*	1.0 U	1 U	1 U				
Aroclor-1260	*[0.5]*	1.0 U	1 U	1 U				
Inorganics								
Arsenic	*[14.0]*	4.2 U	1.2 U	1.7 U				
Chromium VI	*[86.0]*	10 U	10 U	10 U				
Lead	*[26.8]*	1.7 U	1.8 U	1.6 U				
Nickel	*[100]*	1.3 U	1.4 U	1 U				
Zinc	*[152.0]*	1.1 U	0.7	4.6 U				
Cyanide	*[23.9]*	0.60 U	.80 U	0.8 U				

Notes:

All concentrations are in ug/L.

Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

D= Sample quantitated on a diluted sample.

J = Estimated Value.

1 U/0.8 U = Sample result/duplicate sample result.

TABLE B-15
Summary of Analytical Results for Monitoring Well ECC MW13
ECC Superfund Site
(Page 1 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	ECC MW-13 ECTGWMW13-01 4th 1998	ECC MW13 ECSGWMW1302 1st 1999	ECC MW13 ECSL-WMW-13 2nd 1999	MW13 ECSGWM13-04 3rd 1999	MW13 ECSGWM13-05 4th 1999	MW13 ECSGWM13-06 2nd 2000	MW13 ECSGWM13-07 4th 2000
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
1,2-Dichloroethene(total)	*[9.4]*	**46**	8	2.5	2.3	3.0	1	1
Ethylbenzene	*[3,280]*	3	1	0.5	0.5 U	0.2 J	0.5 U	1 U
Methylene Chloride	*[15.7]*	3 B	1 B	1 B	0.8	1.0	3 B	0.7 J
Tetrachloroethene	*[8.85]*	1 U	1 U	0.5 U	0.5 U	0.4 J	0.1 J	1 U
Toluene	*[3,400]*	0.5 J	1 U	0.5 U	0.5 U	0.2 J	0.4 J	1 U
1,1,1-Trichloroethane	*[5,280]*	2	0.9 J	0.7	0.3 J	0.6	0.4 J	0.2 J
1,1,2-Trichloroethane	*[41.8]*	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U
Trichloroethene	*[80.7]*	1 U	0.5 J	0.6	0.5 J	0.7	0.5	0.5 J
Vinyl chloride	*[525]*	1 U	3	0.5 U	0.6	2.0	0.4 J	0.3 J
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U	10 U	9 U	10 U	10 U	10 U	10 U
Di-n-butyl phthalate	*[154,000]*	10 U	10 U	9 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	*[763]*	10 U	10 U	9 U	10 U	10 U	10 U	1 U
Diethylphthalate	*[52,100]*	10 U	10 U	9 U	1.0 J	10 U	10 U	10 U
Naphthalene	*[620]*	10 U	10 U	9 U	10 U	10 U	10 U	10 U
Phenol	*[570]*	10 U	10 U	9 U	10 U	10 U	10 U	10 U
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1 U	0.47 U	0.50 U	0.52 U	0.46 U	0.53 U	1.0 U
Aroclor-1221	*[1.0]*	2 U	0.94 U	1.0 U	1.0 U	0.92 U	1.0 U	2.0 U
Aroclor-1232	*[0.5]*	1 U	0.47 U	0.50 U	0.52 U	0.46 U	0.53 U	1.0 U
Aroclor-1242	*[0.5]*	1 U	0.47 U	0.50 U	0.52 U	0.46 U	0.53 U	1.0 U
Aroclor-1248	*[0.5]*	1 U	0.47 U	0.50 U	0.52 U	0.46 U	0.53 U	1.0 U
Aroclor-1254	*[0.5]*	1 U	0.47 U	0.50 U	0.52 U	0.46 U	0.53 U	1.0 U
Aroclor-1260	*[0.5]*	1 U	0.47 U	0.50 U	0.52 U	0.46 U	0.53 U	1.0 U
Inorganics								
Arsenic	*[14.0]*	8.4 B	8.1 B	12.7	**21.5**	**23**	11.6	**21.2**
Chromium VI	*[86.0]*	10 U	10 U	10 U	10.0 U	10.0 U	10 U	10 U
Lead	*[26.8]*	0.7 U	0.7 U	1.0 U	2.5 B	1.5 U	1.1 U	2.1 U
Nickel	*[100]*	14	6.2	4.8 B	6.2	6.0	7.8	8.9 B
Zinc	*[152.0]*	26.5	0.8 U	0.40 U	1.1 U	3.1 U	3.6 U	1.2 U
Cyanide	*[23.9]*	10 U	10 U	4.7 U	2.8 U	8.2 U	0.90 U	1.4 B

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] – Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

TABLE B-15
Summary of Analytical Results for Monitoring Well ECC MW13
ECC Superfund Site
(Page 2 of 2)

LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	MW13 ECSGWM13-08 1st 2001	MW13 ECSGWM13-09 3rd 2001	MW13 ECSGWM13-10 4th 2001	MW13 ECSGWM13-11 1st 2002			
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	1 U	1 U	1 U	1 U			
1,2-Dichloroethene(total)	*[9.4]*	1 J	1	0.6 J	0.4 J			
Ethylbenzene	*[3,280]*	1 U	1 U	1 U	1 U			
Methylene Chloride	*[15.7]*	0.7 J	2 U	2 U	2 U			
Tetrachloroethene	*[8.85]*	1 U	0.5 J	1 U	1 U			
Toluene	*[3,400]*	1 U	0.2 J	0.3 J	1 U			
1,1,1-Trichloroethane	*[5,280]*	0.3 J	0.2 J	1 U	1 U			
1,1,2-Trichloroethane	*[41.8]*	1 U	1 U	1 U	1 U			
Trichloroethene	*[80.7]*	0.4 J	0.6 J	0.4 J	0.3 J			
Vinyl chloride	*[525]*	1 U	0.6 J	0.5 J	0.2 J			
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U	10 U	1 J	10 U			
Di-n-butyl phthalate	*[154,000]*	10 U	10 U	10 U	10 U			
1,2-Dichlorobenzene	*[763]*	1 U	1 U	1 U	1 U			
Diethylphthalate	*[52,100]*	10 U	10 U	0.5 J	0.3 J			
Naphthalene	*[620]*	10 U	10 U	10 U	10 U			
Phenol	*[570]*	10 U	10 U	10 U	10 U			
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1.0 U	1.0 U	1.0 U	1 U			
Aroclor-1221	*[1.0]*	2.0 U	2.0 U	2.0 U	2 U			
Aroclor-1232	*[0.5]*	1.0 U	1.0 U	1.0 U	1 U			
Aroclor-1242	*[0.5]*	1.0 U	1.0 U	1.0 U	1 U			
Aroclor-1248	*[0.5]*	1.0 U	1.0 U	1.0 U	1 U			
Aroclor-1254	*[0.5]*	1.0 U	1.0 U	1.0 U	1 U			
Aroclor-1260	*[0.5]*	1.0 U	1.0 U	1.0 U	1 U			
Inorganics								
Arsenic	*[14.0]*	**18.5**	**26.8**	**24.2**	11.1			
Chromium VI	*[86.0]*	13.3	10 U	10 U	10 U			
Lead	*[26.8]*	1.7 U	1.8 U	2.2 U	1.6 U			
Nickel	*[100]*	6.2 B	4.7 B	5.5 B	1 U			
Zinc	*[152.0]*	1.1 U	0.70 U	1.1 U	4.6 U			
Cyanide	*[23.9]*	0.77 B	0.80 U	1.9 B	0.8 U			

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.
U = Analyte not detected. The value shown is the associated detection limit.
B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).
J = Estimated Value.

TABLE B-16
Summary of Analytical Results for Location SW-1
ECC Superfund Site

SAMPLE LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	SW-1 ECSW1-01 4th 1998	SW-1 ECSW1-02 1st 1999	SW-1 ECSW1-03 2nd 1999	SW-1 ECSW1-06 2nd 2000	SW-1 ECSW1-07 4th 2000	SW-1 ECSW1-08 1st 2001	SW-1 ECSW1-09 3rd 2001	SW-1 ECSW1-10 4th 2001	SW-1 ECSW1-10-D 4th 2001	SW-1 ECSW1-11 1st 2002
Volatile Organics											
1,1-Dichloroethene	*[1.85]*	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene(total)	*[9.4]**	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	0.3 J	0.3 J	1 U
Ethylbenzene	*[3,280]*	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	*[15.7]*	1 B	0.8 B	1	0.8	2.0 U	2 U	2 U	2 U	2 U	2 U
Tetrachloroethene	*[8.85]*	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Toluene	*[3,400]*	0.5 U	0.5 U	0.5 U	0.2 J	1.0 U	1 U	1 U	0.7 J	0.5 J	0.2 JB
1,1,1-Trichloroethane	*[5,280]*	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	*[41.8]*	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	*[80.7]*	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	*[525]*	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	0.2 J	0.1 J	1 U
Semi-Volatile Organics											
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U	2 J	5 J	10 U	11 U	10 U	10 U	10 U	1 JB	10 U
Di-n-butyl phthalate	*[154,000]*	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	*[763]*	10 U	10 U	10 U	10 U	1 U	1 U	1 U	0.3 J	0.2 J	1 U
Diethyl phthalate	*[52,100]*	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	*[620]*	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Phenol	*[570]*	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U
Polychlorinated biphenyls											
Aroclor 1016	*[0.5]*	1 U	0.48 U	0.5 U	0.50 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Aroclor 1221	*[1.0]*	2 U	0.97 U	1 U	1.0 U	2.0 U	2 U	2 U	2 U	2 U	2 U
Aroclor 1232	*[0.5]*	1 U	0.48 U	0.5 U	0.50 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Aroclor 1242	*[0.5]*	1 U	0.48 U	0.5 U	0.50 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Aroclor 1248	*[0.5]*	1 U	0.48 U	0.5 U	0.50 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Aroclor 1254	*[0.5]*	1 U	0.48 U	0.5 U	0.50 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Aroclor 1260	*[0.5]*	1 U	0.48 U	0.5 U	0.50 U	1.0 U	1 U	1 U	1 U	1 U	1 U
Inorganics											
Arsenic	*[14.0]*	1.7 U	1.4 U	2.9 B	2.1 U	3.4 U	4.2 U	2.8 U	3.1 B	3 B	1.7 U
Chromium VI	*[86.0]*	10 U	10 U	10 U	10 U	10 U	10.4	10 U	10 U	10 U	10 U
Lead	*[26.8]*	0.7 U	1.6 B	1 U	1.1 U	2.1 U	1.7 U	1.6 U	5.4	5.4	1.6 U
Nickel	*[100]*	15.9 U	8.2	20.5	9.2	6.2 B	10 B	15.4 B	11.8 B	11.6 B	5.3 B
Zinc	*[152.0]*	1.5 U	3.8 B	14.2 B	3.6 U	1.2 U	1.1 U	9.7 B	21.4	20.4	4.6 U
Cyanide	*[23.9]*	10 U	10 U	10.3	2.1 B	2.4 B	1.8 B	5 B	4.0 B	1.9 B	2 B

Notes:

All concentrations are in ug/L.

Concentrations in bold exceed the Acceptable Stream Concentrations as presented in Revised Exhibit A, Table 3-1.

[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

U = Analyte not detected. The value shown is the associated detection limit.

B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).

J = Estimated Value.

D = Compound quantitated on a diluted sample.

0.5 U/0.5 U = Sample result/duplicate sample results.

TABLE B-17
Summary of Analytical Results for Location SW-2
ECC Superfund Site

SAMPLE LOCATION ENVIRON SAMPLE ID SAMPLING QUARTER	Acceptable Stream Concentration	SW-2 ECSW2-01 4th 1998	SW-2 ECSW2-02 1st 1999	SW-2 ECSW2-03 2nd 1999	SW-2 ECSW2-06 2nd 2000	SW-2 ECSW2-07 4th 2000	SW-2 ECSW2-08 1st 2001	SW-2 ECSW2-09 3rd 2001	SW-2 ECSW2-10 4th 2001	SW-2 ECSW2-11 1st 2002
Volatile Organics										
1,1-Dichloroethene	*[1.85]*	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	*[9.4]*	0.5 J/0.3 J	0.8	1	0.3 J	0.6 J	2	0.3 J	5	2
Ethylbenzene	*[3,280]*	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U	1 U
Methylene Chloride	*[15.7]*	2 B/1 B	0.8 B	2 B	1	0.9 J	2 U	2 U	2 U	2 U
Tetrachloroethene	*[8.85]*	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U	1 U
Toluene	*[3,400]*	0.5 U/0.5 U	0.5 U	0.5 U	0.2 J	0.2 J	0.2 J	1 U	0.9 J	1 U
1,1,1-Trichloroethane	*[5,280]*	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	0.2 J	1 U	1 U	1 U
1,1,2-Trichloroethane	*[41.8]*	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U	1 U
Trichloroethene	*[80.7]*	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U	1 U	1 U
Vinyl Chloride	*[525]*	0.5 U/0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1	0.2 J	7	0.9 J
Semi-Volatile Organics										
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U/10 U	10 U	10 U	10 U	10 U	10 U	10 U	6 J	10 U
Di-n-butyl phthalate	*[154,000]*	10 U/10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	*[763]*	10 U/10 U	10 U	10 U	10 U	1 U	1 U	10 U	1 U	1 U
Diethyl Phthalate	*[52,100]*	10 U/10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	*[620]*	10 U/10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	*[570]*	10 U/10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Polychlorinated biphenyls										
Aroclor 1016	*[0.5]*	1 U/1 U	0.48 U	0.50 U	0.46 U	1.0 U	1 U	1 U	1 U	1 U
Aroclor 1221	*[1.0]*	2 U/2 U	0.95 U	0.99 U	0.93 U	2.0 U	2 U	2 U	2 U	2 U
Aroclor 1232	*[0.5]*	1 U/1 U	0.48 U	0.50 U	0.46 U	1.0 U	1 U	1 U	1 U	1 U
Aroclor 1242	*[0.5]*	1 U/1 U	0.48 U	0.50 U	0.46 U	1.0 U	1 U	1 U	1 U	1 U
Aroclor 1248	*[0.5]*	1 U/1 U	0.48 U	0.50 U	0.46 U	1.0 U	1 U	1 U	1 U	1 U
Aroclor 1254	*[0.5]*	1 U/1 U	0.48 U	0.50 U	0.46 U	1.0 U	1 U	1 U	1 U	1 U
Aroclor 1260	*[0.5]*	1 U/1 U	0.48 U	0.50 U	0.46 U	1.0 U	1 U	1 U	1 U	1 U
Inorganics										
Arsenic	*[14.0]*	2.1 B/ 2.1 B	1.4 U	4.6 B	2.1 U	3.4 U	4.2 U	2.8 U	3 U	1.7 U
Chromium VI	*[86.0]*	10 U/10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Lead	*[26.8]*	0.7 U/0.7 U	1.2 B	1.0 U	1.1 U	2.1 U	1.7 U	1.6 U	2.2 U	1.6 U
Nickel	*[100]*	13.5 U/14 U	8.3	19.7	9	6.1 B	9.7 B	16.5 B	8.6 B	5.2 B
Zinc	*[152.0]*	1.5 U/1.5 U	2.4 B	6.5 B	3.6 U	1.2 U	1.1 U	11 B	1.1 U	4.6 U
Cyanide (Total)	*[23.9]*	10 U/10 U	10 U	7.1 B	2.1 B	2.6 B	1.9 B	3.5 B	6.0 B	2.3 B

Notes:

All concentrations are in ug/L.
Concentrations in bold exceed the Acceptable Stream Concentrations as presented in Revised Exhibit A, Table 3-1.
[2] = Revised Site-Specific Acceptable Stream Concentrations as determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.
U = *Analyte not detected. The value shown is the associated detection limit.*
B = Analyte was also detected in the laboratory method blank (organic) or analyte value is <contract required detection limit but >= instrument detection limit (inorganic).
J = Estimated Value.
D = *Compound quantitated on a diluted sample.*
0.5 U/0.5 U = Sample result/duplicate sample result.

ENVIRON

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