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ENVIRON

October 3, 2001

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

Re: Third Quarter 2001 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 third quarter of 2001.

The specific tasks completed during the third quarter of 2001 included:

- Collection of water level measurements from 16 monitoring wells on August 13, 2001;
- Sampling of the 6 off-site till monitoring wells and the 5 off-site sand/gravel monitoring wells, including ECC MW-13, during the week of August 13, 2001;
- Sampling of the 4 on-site till monitoring wells from August 13, 2001 to August 23, 2001;
- Sampling of 2 surface water locations within Unnamed Ditch during the week of August 20, 2001;
- 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 third quarter sampling activities. The third 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 August 13, 2001, 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 third quarter 2001, 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 through T-4A, off-site monitoring wells T-6 through T-10, off-site sand/gravel monitoring wells S-1 through S-4A, and ECC MW13 between August 13, 2001 and August 15, 2001. Due to the slow recovery of the T-5 till well, subsurface water samples were collected between August 13, 2001 and August 23, 2001 from this well. 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 (T-1, T-3, and T-4A) was evacuated and sampled using dedicated PVC bladder-pumps and Teflon-lined polyethylene tubing. Due to poor recovery in till monitoring well T-2A, a disposable Teflon-bailer was used to evacuate and sample the subsurface water samples from this well. 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 the poor recovery in till monitoring well T-5, the well was evacuated and sampled using a Teflon-bailer. The volatile organic compound sample (VOC) was collected as soon as possible on the day of purging the 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 after the purging procedure. Field indicator parameters and other information recorded during well purging and sampling are provided in Tables A-1 through A-3 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 third 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.

Rain accumulation measurements recorded for the 24-hour and 48-hour period prior to sampling are provided in Table A-4 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. One field blank was collected and analyzed this quarter. Four 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 sample 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.

Acetone was detected at low concentrations (4 J μg/L) in both the field blank sample and the August 15, 2001 trip blank sample. The August 14, 2001 trip blank sample contained low concentrations of 1,2-dichloroethene (total) (0.3 μg/L), tetrachloroethene (0.5 J μg/L), toluene (0.3 J μg/L), trichloroethene (0.2 J μg/L), and vinyl chloride (0.9 J μg/L).

Low concentrations of tetrachloroethene, trichloroethene, and vinyl chloride were also detected within the laboratory method blank sample. The August 15, 2001 trip blank sample contained low concentrations of methylene chloride (0.6 J µg/L) and toluene (0.2 J µg/L).

Low concentrations of manganese (1.4 µg/L) and zinc (2.4 µg/L) were detected in the field blank sample. Both manganese and zinc concentrations were reported below the contract required detection limit within this sample. Low concentrations of manganese and zinc were also detected within the laboratory method blank.

To evaluate the reproducibility of results, ENVIRON collected one duplicate subsurface water sample from the off-site sand/gravel monitoring well S-1 and the off-site till monitoring well T-9. The duplicate samples were collected by pumping the subsurface water from the monitoring wells into two sets of sample containers. 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 surface water sampling point SW-2 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

Scott Hayter, P.G.
Senior Associate

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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 - August 13, 2001
ECC Compliance Monitoring Wells
Third Quarter 2001

Well Number	Rim of PVC Elevation (feet AMSL)	Depth-to-Water (feet)	Water Elevation (feet AMSL)
T-1	897.41	17.13	880.28
T-2A	901.13	17.77	883.36
T-3	896.07	13.89	882.18
T-4A	895.37	11.70	883.67
T-5	889.08	8.09	880.99
T-6	891.76	11.23	880.53
T-7	891.02	10.96	880.06
T-8	888.88	8.84	880.04
T-9	882.08	2.41	879.67
T-10	889.42	6.70	882.72
S-1	890.27	9.79	880.48
S-2	888.46	8.51	879.95
S-3	882.45	3.46	878.99
S-4A	889.59	9.77	879.82
P-1	889.66	9.66	880.00
ECC MW-13	883.30	11.14	872.16

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

TABLE 2 (Page 1 of 2)
Summary of Analytical Results for Subsurface Water Samples
ECC On-Site Till Monitoring Wells
Third Quarter 2001

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Subsurface Water Concentration	T-1 ECTGW1-09 MICRO PURGE 8/14/01	T-2A ECTGW2-09 BAILED 8/14/01	T-3 ECTGW3-09 MICRO PURGE 8/14/01	T-4 ECTGW4-09 MICRO PURGE 8/14/01
Volatile Organics					
Acetone	*[3,500]*	2 J	**20,000**	44	2 J
1,1-Dichloroethene	*[7]*	ND	ND	3	ND
1,2-Dichloroethene(total)	*[70]*	0.2 J	**890 J**	**3,000 D**	0.1 J
Ethylbenzene	*[680]*	ND	ND	0.6 J	ND
Methylene Chloride	*[156.6]*	ND	ND	3	ND
Methyl ethyl ketone	*[170]*	ND	ND	ND	ND
Methyl isobutyl ketone	*[1,750]*	ND	ND	0.9 J	ND
Tetrachloroethene	*[5.0]*	1	**18,000**	**9**	0.2 J
Toluene	*[2,000]*	ND	1,200 J	8	ND
1,1,1-Trichloroethane	*[200]*	ND	**6,800**	14	ND
1,1,2-Trichloroethane	*[5.0]*	ND	ND	2	ND
Trichloroethene	*[6.4]*	0.9 J	**17,000**	**16**	0.2 J
Vinyl chloride	*[5.0]*	2	ND	**300 D**	ND
Xylenes (total)	*[10,000]*	ND	ND	9	ND
Semi-Volatile Organics					
Bis(2-ethylhexyl)phthalate	*[7.1]*	7 J	ND	ND	ND
Di-n-butylphthalate	*[3,500]*	ND	ND	ND	ND
1,2-Dichlorobenzene	*[600]*	ND	ND	3	ND
Diethyl phthalate	*[28,000]*	ND	2 J	ND	ND
Isophrone	*[8.5]*	ND	**21**	ND	ND
Naphthalene	*[14,000]*	ND	3 J	ND	ND
Phenol	*[1,400]*	ND	5 J	ND	ND

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
ND = Not Detected.
J = Estimated value.
D = Compound quantitated on a diluted sample.

TABLE 2 (Page 2 of 2)
Summary of Analytical Results for Subsurface Water Samples
ECC On-Site Till Monitoring Wells
Third Quarter 2001

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Subsurface Water Concentration	T-1 ECTGW1-09 MICRO PURGE 8/14/01	T-2A ECTGW2-09 BAILED 8/14/01	T-3 ECTGW3-09 MICRO PURGE 8/14/01	T-4 ECTGW4-09 MICRO PURGE 8/14/01
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
Inorganics					
Antimony	*[46.5]*	ND	ND	3.5 B	1.7 B
Arsenic	*[50]*	3.5 B	6.2 B	11.3	ND
Barium	*[1,000]*	287	97.2 B	204	358
Beryllium	*[4]*	ND	0.40 B	ND	ND
Cadmium	*[10]*	ND	ND	ND	ND
Chromium VI	*[50]*	ND	13.14	ND	ND
Lead	*[50]*	ND	ND	ND	ND
Manganese	*[7,000]*	234	324	557	18.5
Nickel	*[150]*	ND	8.6 B	50.6	ND
Silver	*[50]*	ND	ND	ND	ND
Tin	*[21,000]*	ND	ND	ND	ND
Vanadium	*[245]*	ND	ND	2.1 B	ND
Zinc	*[7,000]*	ND	35.1	3.0 B	1.7 B
Cyanide	*[154]*	ND	ND	1.6 B	ND

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.
ND = Not Detected.
B = Less than Contract Required Detection Limit but greater than the Instrument Detection Limit.

TABLE 3 (Page 1 of 3)
Analytical Results for Subsurface Water Samples
ECC Off-Site Till Monitoring Wells
Third Quarter 2001

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	T-5 ECTGW5-09 BAILED 8/13/01	T-6 ECTGW6-09 PUMP 8/14/01	T-7 ECTGW7-09 PUMP 8/14/01	T-8 ECTGW8-09 PUMP 8/14/01	T-9 ECTGW9-09 PUMP 8/14/01	T-9 ECTGW9-09-D PUMP 8/14/01 Duplicate	T-10 ECTGW10-09 PUMP 8/13/01
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	ND	ND	ND	ND	ND	ND	0.3 J
1,2-Dichloroethene (total)	*[9.4]*	ND	**6,900**	**24**	3	**110 D**	**81 D**	**230 D**
Ethylbenzene	*[3,280]*	ND	ND	0.2 J	ND	ND	ND	ND
Methylene Chloride	*[15.7]*	ND	ND	0.6 J	ND	1 J	1 J	ND
Tetrachloroethene	*[8.85]*	ND	ND	1	0.1 J	0.9 J	0.7 J	0.2 J
Toluene	*[3,400]*	ND	2,200	3	ND	0.4 J	0.5 J	ND
1,1,1-Trichloroethane	*[5,280]*	ND	ND	ND	ND	ND	ND	10
1,1,2-Trichloroethane	*[41.8]*	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	*[80.7]*	ND	ND	3	0.5 J	0.5 J	0.4 J	2
Vinyl chloride	*[525]*	ND	**14,000**	1	0.5 J	370 D	110 D	16 DJ

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 3 (Page 2 of 3)
Analytical Results for Subsurface Water Samples
ECC Off-Site Till Monitoring Wells
Third Quarter 2001

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	T-5 ECTGW5-09 BAILED 8/13/01	T-6 ECTGW6-09 PUMP 8/14/01	T-7 ECTGW7-09 PUMP 8/14/01	T-8 ECTGW8-09 PUMP 8/14/01	T-9 ECTGW9-09 PUMP 8/14/01	T-9 ECTGW9-09-D PUMP 8/14/01 Duplicate	T-10 ECTGW10-09 PUMP 8/13/01
Semi-Volatile Organics								
Bis(2-ethylhexyl)phthalate	*[50,000]*	ND	2 J	ND	1 J	ND	2 J	7 J
Di-n-butylphthalate	*[154,000]*	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	*[763]*	ND	ND	0.2 J	ND	ND	ND	ND
Diethylphthalate	*[52,100]*	ND	2 J	ND	ND	ND	ND	ND
Naphthalene	*[620]*	ND	19	ND	ND	ND	ND	ND
Phenol	*[570]*	10 J	53	6 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	**3.2**	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.
ND = Not Detected.
J = Estimated value.

TABLE 3 (Page 3 of 3)
Analytical Results for Subsurface Water Samples
ECC Off-Site Till Monitoring Wells
Third Quarter 2001

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	T-5 ECTGW5-09 BAILED 8/13/01	T-6 ECTGW6-09 PUMP 8/14/01	T-7 ECTGW7-09 PUMP 8/14/01	T-8 ECTGW8-09 PUMP 8/14/01	T-9 ECTGW9-09 PUMP 8/14/01	T-9 ECTGW9-09-D PUMP 8/14/01 Duplicate	T-10 ECTGW10-09 PUMP 8/13/01
Inorganics								
Arsenic	*[14.0]*	ND	139	ND	ND	3.7 B	2.7 B	9.3 B
Chromium VI	*[86.0]*	ND	ND	ND	ND	ND	ND	13.12
Lead	*[26.8]*	ND	ND	ND	ND	ND	ND	2.2 B
Nickel	*[100]*	ND	35.7 B	3.3 B	2.4 B	16.6 B	15.6 B	12.2 B
Zinc	*[152]*	24	2.5 B	ND	ND	ND	ND	ND
Cyanide	*[23.9]*	ND	0.84 B	ND	2.7 B	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 value is <contract required detection limit but >= instrument detection limit.

TABLE 4 (Page 1 of 3)
Analytical Results for Subsurface Water Samples
ECC Off-Site Sand/Gravel Monitoring Wells
Third Quarter 2001

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	S-1 ECSGW1-09 PUMP 8/13/01	S-1 ECSGW1-09-D PUMP 8/13/01 Duplicate	S-2 ECSGW2-09 PUMP 8/14/01	S-3 ECSGW3-09 PUMP 8/14/01	S-4A ECSGW4-09 PUMP 8/13/01	MW13 ECSGWM13-09 PUMP 8/15/01
Volatile Organics							
1,1-Dichloroethene	*[1.85]*	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene (total)	*[9.4]*	0.2 J	0.1 J	0.1 J	ND	**43 D**	1
Ethylbenzene	*[3,280]*	ND	ND	ND	ND	ND	ND
Methylene Chloride	*[15.7]*	ND	ND	ND	ND	ND	ND
Tetrachloroethene	*[8.85]*	ND	ND	ND	ND	ND	0.5 J
Toluene	*[3,400]*	ND	ND	ND	ND	ND	0.2 J
1,1,1-Trichloroethane	*[5,280]*	ND	ND	ND	ND	ND	0.2 J
1,1,2-Trichloroethane	*[41.8]*	ND	ND	ND	ND	ND	ND
Trichloroethene	*[80.7]*	ND	ND	ND	ND	ND	0.6 J
Vinyl chloride	*[525]*	ND	ND	1	5	16	0.6 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.

TABLE 4 (Page 2 of 3)
Analytical Results for Subsurface Water Samples
ECC Off-Site Sand/Gravel Monitoring Wells
Third Quarter 2001

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	S-1 ECSGW1-09 PUMP 8/13/01	S-1 ECSGW1-09-D PUMP 8/13/01 Duplicate	S-2 ECSGW2-09 PUMP 8/14/01	S-3 ECSGW3-09 PUMP 8/14/01	S-4A ECSGW4-09 PUMP 8/13/01	MW13 ECSGWM13-09 PUMP 8/15/01
Semi-Volatile Organics							
Bis(2-ethylhexyl)phthalate	*[50,000]*	1 J	ND	ND	ND	5 J	ND
Di-n-butylphthalate	*[154,000]*	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	*[763]*	ND	ND	ND	ND	ND	ND
Diethylphthalate	*[52,100]*	ND	ND	ND	ND	ND	ND
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.
Concentrations in bold exceed the Revised Site Specific Acceptable Stream Water Concentrations as presented in the December 22, 2000 Background Report.
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ND = Not Detected.
J = Estimated value.

TABLE 4 (Page 3 of 3)
Analytical Results for Subsurface Water Samples
ECC Off-Site Sand/Gravel Monitoring Wells
Third Quarter 2001

LOCATION ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE COMMENT	Acceptable Stream Concentration	S-1 ECSGW1-09 PUMP 8/13/01	S-1 ECSGW1-09-D PUMP 8/13/01 Duplicate	S-2 ECSGW2-09 PUMP 8/14/01	S-3 ECSGW3-09 PUMP 8/14/01	S-4A ECSGW4-09 PUMP 8/13/01	MW13 ECSGWM13-09 PUMP 8/15/01
Inorganics							
Arsenic	*[14.0]*	1.8 B	1.8 B	1.9 B	ND	ND	**26.8**
Chromium VI	*[86.0]*	ND	ND	ND	ND	ND	ND
Lead	*[26.8]*	ND	ND	ND	ND	ND	ND
Nickel	*[100]*	7.8 B	ND	4.7 B	12.3 B	ND	4.7 B
Zinc	*[152]*	4.9 B	ND	ND	ND	ND	ND
Cyanide	*[23.9]*	ND	ND	1.3 B	ND	ND	ND

Notes:

All concentrations are in ug/L.
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[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.

TABLE 5
Analytical Results for Surface Water Samples
ECC Surface Water Locations
Third Quarter 2001

LOCATION ENVIRON SAMPLE ID COLLECTION DATE COMMENT	Acceptable Stream Concentration	SW-1 ECSW1-09 8/23/01	SW-2 ECSW2-09 8/23/01
Volatile Organics			
1,1-Dichloroethene	*[1.85]*	ND	ND
1,2-Dichloroethene (total)	*[9.4]*	ND	0.3 J
Ethylbenzene	*[3,280]*	ND	ND
Methylene Chloride	*[15.7]*	ND	ND
Tetrachloroethene	*[8.85]*	ND	ND
Toluene	*[3,400]*	ND	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	0.2 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]*	15.4 B	16.5 B
Zinc	*[152]*	9.7 B	11.0 B
Cyanide	*[23.9]*	5.0 B	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.
ND = Not Detected.
J = Estimated Value.
B = Analyte value is <contract required detection limit but >= instrument detection limit.

TABLE 6 (Page 1 of 2)
Analytical Results for Quality Assurance / Quality Control Samples
Third Quarter 2001

TYPE ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE	Most Stringent Acceptable Concentration	TRIP BLANK ECTB1-09 813/01	TRIP BLANK ECTB2-09 8/14/01	TRIP BLANK ECTB3-09 8/15/01	TRIP BLANK ECTB4-09 8/23/01	FIELD BLANK ECSGW4-09-B PUMP 8/13/01
Volatile Organic Compounds						
Acetone	*[3,500]*	ND	ND	4 J	ND	4 J
1,1-Dichloroethene	*[1.85]*	ND	ND	ND	ND	ND
1,2-Dichloroethene (total)	*[9.4]*	ND	0.3 J	ND	ND	ND
Ethylbenzene	*[680]*	ND	ND	ND	ND	ND
Methylene Chloride	*[15.7]*	ND	ND	0.6 J	ND	ND
Methyl ethyl ketone	*[170]*	ND	ND	ND	ND	ND
Methyl Isobutyl ketone	*[1,750]*	ND	ND	ND	ND	ND
Tetrachloroethene	*[5.0]*	ND	0.5 J	ND	ND	ND
Toluene	*[2,000]*	ND	0.3 J	0.2 J	ND	ND
1,1,1-Trichloroethane	*[200]*	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	*[5.0]*	ND	ND	ND	ND	ND
Trichloroethene	*[6.4]*	ND	0.2 J	ND	ND	ND
Vinyl Chloride	*[5.0]*	ND	0.9 J	ND	ND	ND
Xylenes (Total)	*[10,000]*	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds						
Bis (2-ethylhexyl) phthalate	*[7.1]*	NA	NA	NA	NA	ND
Di-n-butyl phthalate	*[3,500]*	NA	NA	NA	NA	ND
1,2-Dichlorobenzene	*[600]*	ND	ND	ND	ND	ND
Diethyl Phthalate	*[28,000]*	NA	NA	NA	NA	ND
Isophorone	*[8.5]*	NA	NA	NA	NA	ND
Naphthalene	*[620]*	NA	NA	NA	NA	ND
Phenol	*[570]*	NA	NA	NA	NA	ND

Notes: All concentrations are in ug/L.

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

ND = Not Detected.

J = Estimated value.

NA = Not Analyzed.

TABLE 6 (Page 2 of 2)
Analytical Results for Quality Assurance / Quality Control Samples
Third Quarter 2001

TYPE ENVIRON SAMPLE ID COLLECTION METHOD COLLECTION DATE	Most Stringent Acceptable Concentration	TRIP BLANK ECTB1-09 8/13/01	TRIP BLANK ECTB2-09 8/14/01	TRIP BLANK ECTB3-09 8/15/01	TRIP BLANK ECTB4-09 8/23/01	FIELD BLANK ECSGW4-09-B PUMP 8/13/01
Polychlorinated biphenyls						
Aroclor 1016	*[0.5]*	NA	NA	NA	NA	ND
Aroclor 1221	*[1.0]*	NA	NA	NA	NA	ND
Aroclor 1232	*[0.5]*	NA	NA	NA	NA	ND
Aroclor 1242	*[0.5]*	NA	NA	NA	NA	ND
Aroclor 1248	*[0.5]*	NA	NA	NA	NA	ND
Aroclor 1254	*[0.5]*	NA	NA	NA	NA	ND
Aroclor 1260	*[0.5]*	NA	NA	NA	NA	ND
Inorganics						
Antimony	*[46.5]*	NA	NA	NA	NA	ND
Arsenic	*[14]*	NA	NA	NA	NA	ND
Barium	*[1,000]*	NA	NA	NA	NA	ND
Beryllium	*[4]*	NA	NA	NA	NA	ND
Cadmium	*[10]*	NA	NA	NA	NA	ND
Chromium VI	*[86]*	NA	NA	NA	NA	ND
Lead	*[26.8]*	NA	NA	NA	NA	ND
Manganese	*[7,000]*	NA	NA	NA	NA	1.4 B
Nickel	*[100]*	NA	NA	NA	NA	ND
Silver	*[50]*	NA	NA	NA	NA	ND
Tin	*[21,000]*	NA	NA	NA	NA	ND
Vanadium	*[245]*	NA	NA	NA	NA	ND
Zinc	*[152]*	NA	NA	NA	NA	2.4 B
Cyanide (Total)	*[23.9]*	NA	NA	NA	NA	ND

Note: All concentrations are in ug/L.

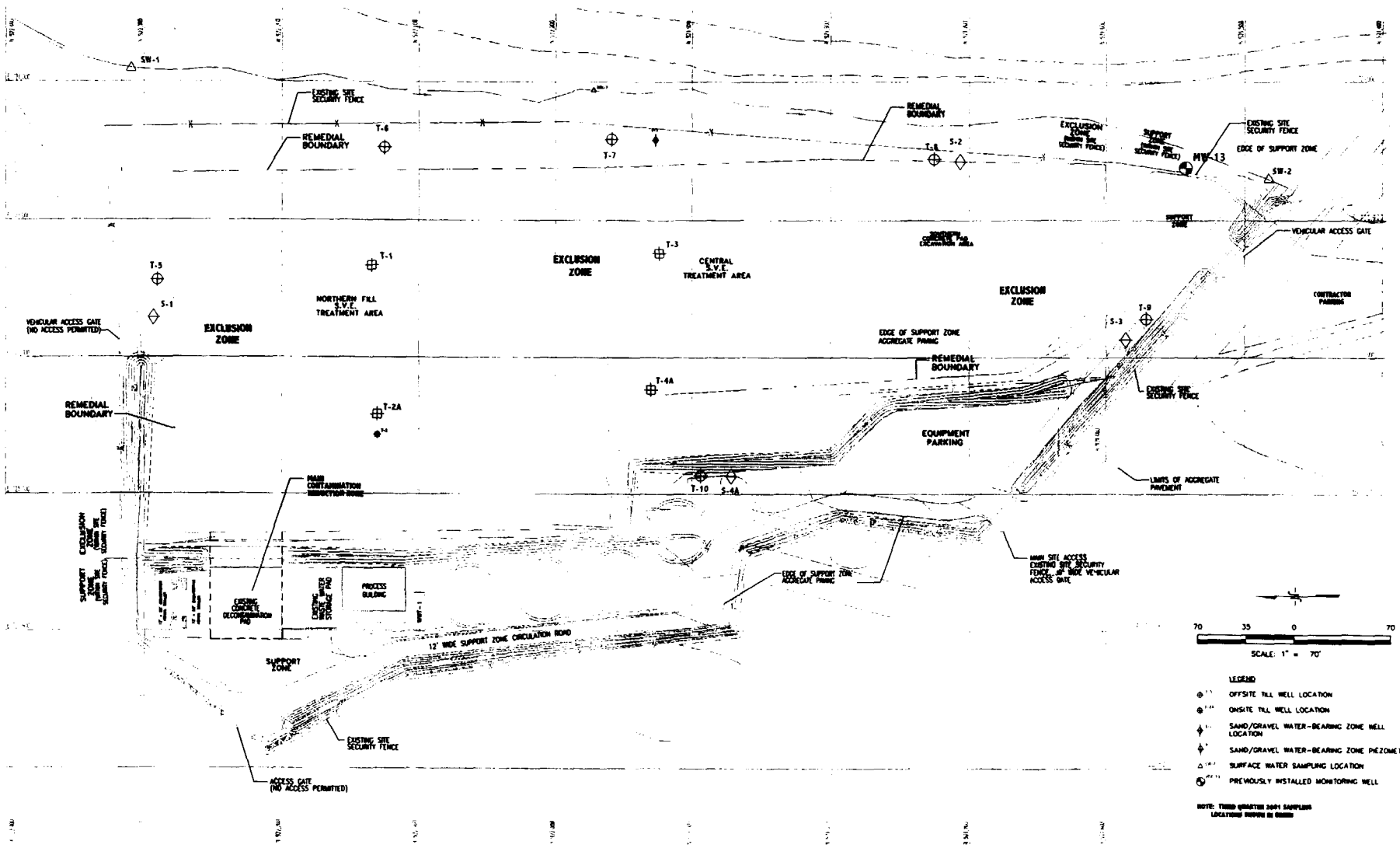
[2] = Most stringent of the Revised Site-Specific Acceptable Stream Concentrations and Acceptable Subsurface Water Concentrationsas determined in the Background Surface and Subsurface Water Monitoring Report dated December 22, 2000, Table 6 values.

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

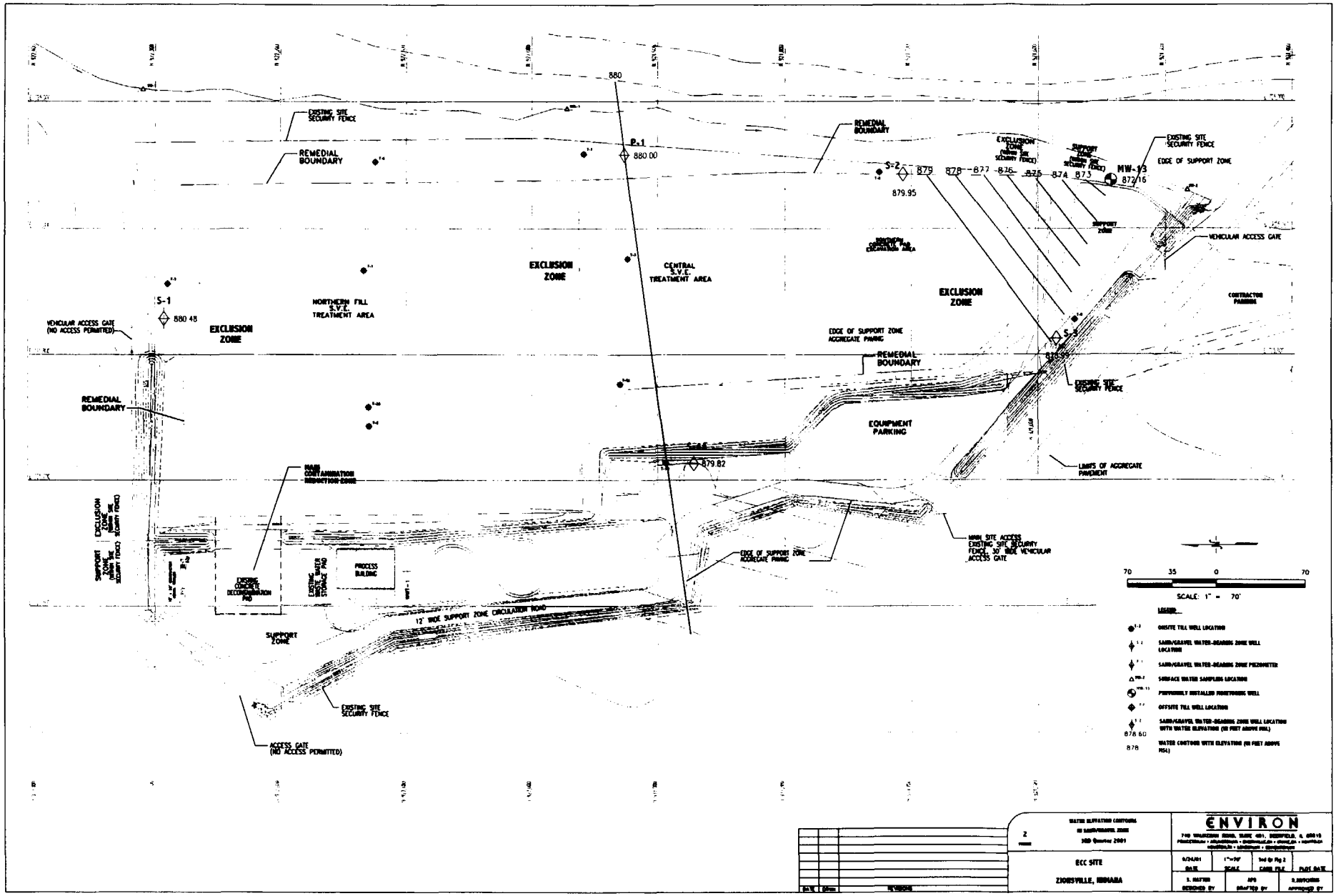
ND = Not Detected

NA = Not analyzed

FIGURES



CPF/ECC/Compliance Monitoring/3rd Quarter 2001/Acad/3rd Qr Fig1-01



EXISTING SITE SECURITY FENCE
REMEDIAL BOUNDARY
P-1
880.00
880
S-2
879.95
879
878
877
876
875
874
873
MW-13
872.16
EXISTING SITE SECURITY FENCE
EDGE OF SUPPORT ZONE
VEHICULAR ACCESS GATE
EXCLUSION ZONE
CENTRAL S.V.E. TREATMENT AREA
NORTHERN FILL S.V.E. TREATMENT AREA
S-1
880.48
VEHICULAR ACCESS GATE (NO ACCESS PERMITTED)
EXCLUSION ZONE
EDGE OF SUPPORT ZONE AGGREGATE PAVING
REMEDIAL BOUNDARY
EXISTING SITE SECURITY FENCE
EQUIPMENT PARKING
879.82
LIMITS OF AGGREGATE PAVEMENT
MAIN CONTAMINATION REDUCTION ZONE
MAIN SITE ACCESS EXISTING SITE SECURITY FENCE, 30' WIDE VEHICULAR ACCESS GATE
EDGE OF SUPPORT ZONE AGGREGATE PAVING
EXISTING CONCRETE DECONTAMINATION PAD
EXISTING WASTE WATER STORAGE PAD
PROCESS BUILDING
12' WIDE SUPPORT ZONE CIRCULATION ROAD
SUPPORT ZONE
EXISTING SITE SECURITY FENCE
ACCESS GATE (NO ACCESS PERMITTED)
70 35 0 70
SCALE: 1" = 70'
LEGEND
ONSITE TILL WELL LOCATION
SAND/GRAVEL WATER-BEARING ZONE WELL LOCATION
SAND/GRAVEL WATER-BEARING ZONE PIEZOMETER
SURFACE WATER SAMPLING LOCATION
PREVIOUSLY INSTALLED MONITORING WELL
OFFSITE TILL WELL LOCATION
878.60
878
WATER CONTOUR WITH ELEVATION (IN FEET ABOVE MSL)
WATER ELEVATION CONTOURS IN SAND/GRAVEL ZONE
3RD Quarter 2001
ECC SITE
ZIONSVILLE, INDIANA
ENVIRON
DATE
SCALE
CADD FILE
PLOT DATE
DESIGNED BY
DRAFTED BY
APPROVED BY

APPENDIX A
Field Measurements and Purge Data

TABLE A-1
FIELD MEASUREMENTS AND PURGE DATA
THIRD QUARTER 2001 ON-SITE TILL WELLS
ECC SUPERFUND SITE

Field Parameters and Data	T-1	T-2A	T-3	T-4A
Date	8/14/01	8/13/01	8/15/01	8/15/01
Weather Conditions	Sunny 80 F	Sunny 70 - 80 F	Sunny 80 F	Sunny 80 F
Before Purging				
pH	8	6.9	7.39	7.62
Dissolved Oxygen (mg/L)	8.02	1.3	7.42	6.2
Temperature (C)	16.11	16	15.56	38.25
Specific Conductivity (mS/cm)	0.536	1.6	1.482	0.001
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)	17	17.77	13.89	11.7
Estimated water volume in well (gallons)	1.6	1.6	2.3	2.0
Three Well Volumes(gallons)	4.9	4.8	6.9	6.0
After Purging				
Purge Start	1507	1200	833	1341
Purge End	1717	1400	1233	1445
Purge Method	BP	BT	BP	BP
Approximate Purge Rate (gpm)	0.030	0.058**	0.025	0.030
Total Volume Purged (gal.)	3.9	7	4	2.13
pH	7.72	7	7.26	7.2
Dissolved Oxygen (mg/L)	0.41	3.6	0.57	0.36
Temperature (C)	19.57	16	17.3	16.63
Specific Conductivity (mS/cm)	0.484	1.6	1.52	1.057
Sampling				
Sampling Date(s)	8/14/01	8/13/01-8/15/01	8/15/01	8/15/01
Sampling End Time	1800		1130	1515
Sampling Method	BP	BT	BP	BP

Notes:
NM = No Measurement
BT = Bailer (Teflon) PP = Peristaltic Pump PID = Photoionization Detector
BP=Bladder-pump
** = volume at which the well went dry

TABLE A-2
FIELD MEASUREMENTS AND PURGE DATA
THIRD QUARTER 2001 OFF-SITE TILL WELLS
ECC SUPERFUND SITE

Field Parameters and Data	T-5	T-6	T-7	T-8	T-9	T-10
Date	8/13/01	8/14/01	8/14/01	8/14/01	8/14/01	8/13/01
Weather Conditions	Sunny 80 F	Sunny 80 F	Sunny 80 F	Sunny 80 F	Sunny 80 F	Rain 80 F
Before Purging						
pH	7.3	6.91	9.6	7.51	6.7	6.7
Dissolved Oxygen (mg/L)	3.2	1.67	4.3	3.4	0.4	1.2
Temperature (C)	17	15.3	17	14.9	19	20
Specific Conductivity (mS/cm)	0.71	3.05	0.6	0.82	1.2	1.5
Total Depth of Well (Ft from top of inner casing to water)	18.7	19.4	17.6	15.9	25.2	17.95
Depth to water (Ft from top of inner casing to water)	8.09	11.23	10.96	8.84	2.41	6.7
Estimated water volume in well (gallons)	1.7	1.3	1.1	1.2	3.7	1.8
Three Well Volumes (gallons)	5.2	4.0	3.2	3.5	11.1	5.5
After Purging						
Purge Start	1200	1026	1030	903	1428	1435
Purge End	1330	1205	1132	926	1730	1615
Purge Method	BT	PP	PP	PP	PP	PP
Approximate Purge Rate (gpm)	0.03	0.04	0.05	0.15	0.06	0.08
Total Volume Purged (gal.)	3**	4	3.2	2.5**	11	8
pH	7.5	6.72	8	**	6.7	6.7
Dissolved Oxygen (mg/L)	4.6	0.22	4.1	**	0.9	1.8
Temperature (C)	21	15.7	18	**	20	19
Specific Conductivity (mS/cm)	0.72	3.15	0.76	**	1.3	1.2
Sampling						
Sampling Date(s)	8-13,14,15,23-01	8/14/01	8/14/01	8/14/01	8/14/01	8/13/01
Sampling End Time	1530	1230	1130	1800	1723	1630
Sampling Method	BT	PP	PP	PP	PP	PP

Notes:

** = Well purged dry
BT = Bailer (Teflon)
NM = No Measurement
PP = Peristaltic Pump
PID = Photoionization Detector

TABLE A-3
FIELD MEASUREMENTS AND PURGE DATA
THIRD QUARTER 2001 OFF-SITE SAND/GRAVEL WELLS
ECC SUPERFUND SITE

Field Parameters and Data	S-1	S-2	S-3	S-4A	MW-13
Date	8/13/01	8/14/01	8/14/01	8/13/01	8/15/01
Weather Conditions	Sunny 80 F	Sunny 80 F	Sunny 80 F	Rain 80 F	Overcast 80 F
Before Purging					
pH	7.53	7.1	7.2	7.4	7
Dissolved Oxygen (mg/L)	0.09	3.5	2.3	1.75	1.2
Temperature (C)	13	14	20	14.89	17
Specific Conductivity (mS/cm)	0.48	1.1	1.3	0.776	1.3
Total Depth of Well (Feet below ground surface)	41.2	22.15	35.4	45.85	17
Depth to water (Ft from top of inner casing to water)	9.79	8.51	3.46	9.77	11.14
Estimated water volume in well (gallons)	5.1	2.2	5.2	5.9	1.0
Three Well Volumes(gallons)	15.4	6.7	15.6	17.6	2.9
After Purging					
Purge Start	1716	850	1420	1450	926
Purge End	1845	940	1612	1720	1023
Purge Method	PP	PP	PP	PP	PP
Approximate Purge Rate (gpm)	0.18	0.13	0.14	0.11	0.12
Total Volume Purged (gal.)	16	~6.7	16	~17.6	~2.9
pH	7.59	7.2	7.2	7.3	6.6
Dissolved Oxygen (mg/L)	0.19	0.8	1.6	2.1	1.7
Temperature (C)	13.1	14	17	19	16
Specific Conductivity (mS/cm)	0.44	1	1.2	0.73	1.4
Sampling					
Sampling Date(s)	8/13/01	8/14/01	8/14/01	8/13/01	8/15/01
Sampling End Time	1830	945	1700	1830	1019
Sampling Method	PP	PP	PP	PP	PP

Notes:
NM = no measurement
BT = Bailer (Teflon) PP = Peristaltic Pump PID = Photoionization Detector

TABLE A-4
FIELD MEASUREMENTS
THIRD QUARTER 2001 SURFACE WATER SAMPLING
ECC SUPERFUND SITE

Field Parameters and Data	SW-1	SW-2
Date	8/23/01	8/23/01
Weather Conditions	Overcast 80F	Overcast 80 F
Sampling Time		
pH	NM	NM
Dissolved Oxygen (mg/L)	NM	NM
Temperature (C)	NM	NM
Specific Conductivity (mS/cm)	NM	NM
Unnamed Ditch Flow Measurements		
Flow Velocity (ft/sec)	**	**
Cross Sectional Area (ft^2)	**	**
Calculated Flow Volume (Gal/min)	**	**
Storm Event - Rain Accumulation		
Accumulation 24 hours prior to sampling (inches) *	0.84	0.84
Accumulation 48 hours prior to sampling (inches) *	0.84	0.84

Notes:

* Measurement recorded at Fisher weather station in Hamilton County.

** Flow meter was inoperable on date of sampling event.

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-01 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
Volatile Organics								
Acetone	*[3,500]*	2 U	2 U	1.0 J	2 U	5 U	5 U	2 J
1,1-Dichloroethene	*[7]*	0.5 U	0.5 U	0.5 U	0.5 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
Ethylbenzene	*[680]*	0.5 U	0.5 U	0.5 U	0.5 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
Methyl ethyl ketone	*[170]*	2 U	2 U	1.0 J	2 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
Tetrachloroethene	*[5.0]*	1	14	0.6	0.7	1 U	1 U	1
Toluene	*[2,000]*	0.5 U	2	0.3 J	0.2 J	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
1,1,2 Trichloroethane	*[5.0]*	0.5 U	0.5 U	0.5 U	0.5 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
Vinyl Chloride	*[5.0]*	0.5 U	0.4 J	0.5 U	0.6	1	1 U	2
Xylenes (total)	*[10,000]*	0.4 JB	0.6	0.5 U	0.5 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
Di-n-butyl phthalate	*[3,500]*	10 U	11 U	9.0 U	9 U	11 U	10 U	10 U
1,2-Dichlorobenzene	*[600]*	10 U	11 U	9.0 U	9 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
Isoporone	*[8.5]*	10 U	11 U	9.0 U	9 U	11 U	10 U	10 U
Naphthalene	*[14,000]*	10 U	11 U	9.0 U	9 U	11 U	10 U	10 U
Phenol	*[1,400]*	16	11 U	9.0 U	9 U	11 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
Aroclor-1221	*[1.0]*	2 U	1.0 U	1.0 U	0.98 U	2.0 U	2.0 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
Aroclor-1242	*[0.5]*	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 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
Aroclor-1254	*[0.5]*	1 U	0.51 U	0.5 U	0.49 U	1.0 U	1.0 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
Inorganics								
Antimony	*[46.5]*	1.7 U	1.0 U	NA	3.1 B	2.4 B	2.5 U	1.7 U
Arsenic	*[50]*	3.6 B	2.1 B	7.6 U	2.1 U	3.4 U	4.2 U	3.5 B
Barium	*[1,000]*	425	587	NA	398	344	353	287
Beryllium	*[4]*	1 U	0.61 B	NA	0.10 U	0.2 U	0.1 U	0.40 U
Cadmium	*[10]*	1 U	0.57 B	0.30 U	0.30 U	0.3 U	0.60 U	0.40 U
Chromium VI	*[50]*	10 U	10 U	10.0 U	160	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
Manganese	*[7,000]*	115	103	NA	125	262	204	234
Nickel	*[150]*	0.7 U	3.1 B	1.1 U	3.2 U	1.6 B	1.3 U	1.4 U
Silver	*[50]*	0.4 U	0.4 U	NA	0.50 U	0.4 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
Vanadium	*[245]*	0.51 B	0.4 U	NA	0.74 B	0.7 U	0.70 U	0.60 U
Zinc	*[7,000]*	1.5 U	39.6	3.1 U	9.6 B	1.2 U	1.1 U	0.70 U
Cyanide	*[154]*	10 U	4.7 U	8.2 U	0.90 U	0.9 U	0.60 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).

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-02 2nd 1999	T-2A ECTGW2-07 4th 2000	T-2A ECTGW2-08 1st 2001	T-2A ECTGW2-09 3rd 2001
Volatile Organics						
Acetone	*[3,500]*	**10,000 B**	12,000 U	3,000	1,800	**20,000**
1,1-Dichloroethene	*[7]*	1,900 U	1,900 J	**800**	**82**	3,600 U
1,2-Dichloroethene(total)	*[70]*	1,900 U	4,200	**1,444**	**580**	**890 J**
Ethylbenzene	*[680]*	1,900 U	1,900 J	**800**	200	3,600 U
Methylene Chloride	*[156.6]*	**12,000 B**	71,000	**6,100**	**1,600 DJ**	7,200 U
Methyl ethyl ketone	*[170]*	**2,200 J**	12,000 U	2,000 U	1100	18,000 U
Methyl isobutyl ketone	*[1,750]*	**2,700 J**	12,000 JB	2,000 U	230 J	18,000 U
Tetrachloroethene	*[5.0]*	**17,000**	79,000 D	**53,000**	**17,000 DB**	**18,000**
Toluene	*[2,000]*	**3,600**	22,000	**8,800**	**2,400 D**	1,200 J
1,1,1-Trichloroethane	*[200]*	**31,000**	91,000 D	**30,000**	**6,400 D**	**6,800**
1,1,2 Trichloroethane	*[5.0]*	1,900 U	2,500 U	**77**	50 U	3,600 U
Trichloroethene	*[6.4]*	**6,000**	190,000 D	**50,000**	**15,000 DB**	**17,000**
Vinyl Chloride	*[5.0]*	1,900 U	2,500 U	**20**	50 U	3,600 U
Xylenes (total)	*[10,000]*	1,900 U	8,900	2,900	830	3,600 U
Semi-Volatile Organics						
Bis (2-ethylhexyl) phthalate	*[7.1]*	**1,300**	8,000 J	2.5 U	2 JB	10 U
Di-n-butyl phthalate	*[3,500]*	59 J	10,000 U	10 U	10 U	10 U
1,2-Dichlorobenzene	*[600]*	**6,900**	77,000	64.6	68	3,600 U
Diethylphthalate	*[28,000]*	500 U	10,000 U	10 U	10 U	2 J
Isoporone	*[8.5]*	**390 J**	10,000 U	8.3 U	10 U	21
Naphthalene	*[14,000]*	410 J	18,000 J	10 U	1 J	3 J
Phenol	*[1,400]*	200	10,000 U	10 U	7 J	5 J
Polychlorinated biphenyls						
Aroclor-1016	*[0.5]*	1 U	1.3 U	0.8 U	1 U	1 U
Aroclor-1221	*[1.0]*	2 U	2.5 U	0.8 U	2 U	2 U
Aroclor-1232	*[0.5]*	1 U	1.3 U	0.8 U	1 U	1 U
Aroclor-1242	*[0.5]*	1 U	1.3 U	0.8 U	1 U	1 U
Aroclor-1248	*[0.5]*	1 U	1.3 U	0.8 U	1 U	1 U
Aroclor-1254	*[0.5]*	1 U	1.3 U	0.8 U	1 U	1 U
Aroclor-1260	*[0.5]*	1 U	1.3 U	0.8 U	1 U	1 U
Inorganics						
Antimony	*[46.5]*	1.7 U	4.4 B	100 U	2.5 U	1.7 U
Arsenic	*[50]*	6.4 B	8.1 B	20 U	4.2 U	6.2 B
Barium	*[1,000]*	184	852	130	108 B	97.2 B
Beryllium	*[4]*	0.2 U	0.35 B	NA	0.20 B	0.40 B
Cadmium	*[10]*	1.1	1.9 B	5 U	0.60 U	0.40 U
Chromium VI	*[50]*	10 U	10 U	10 U	NA	13.14
Lead	*[50]*	0.7 U	1.0 U	50 U	1.7 U	1.8 U
Manganese	*[7,000]*	21	1.1 B	250	360	324
Nickel	*[150]*	2 B	3.8 B	10 U	17.7 B	8.6 B
Silver	*[50]*	0.4 U	0.4 U	10 U	0.50 U	0.50 U
Tin	*[21,000]*	4.7 U	33.5	NA	9.0 U	3.7 U
Vanadium	*[245]*	1.2 B	3.1 B	50 U	3.8 B	0.60 U
Zinc	*[7,000]*	1.5 U	1.1 B	10 U	23.5	35.1
Cyanide	*[154]*	10 U	4.7 U	NA	0.60 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
Volatile Organics								
Acetone	*[3,500]*	550 JB	780 U	22 B	2 U	20	10	44
1,1-Dichloroethene	*[7]*	160 U	160 U	4.0	3	5 U	2	3
1,2-Dichloroethene(total)	*[70]*	5,200	5,780	6,400 D	3,800 D	9,040	4,100 D	3,000 D
Ethylbenzene	*[680]*	160 U	160 U	2.0	6	7	0.3 J	0.6J
Methylene Chloride	*[156.6]*	270 B	98 JB	6.0	5 B	5 U	2	3
Methyl ethyl ketone	*[170]*	780 U	780 U	2.0 U	2 U	20 U	5 U	5 U
Methyl isobutyl ketone	*[1,750]*	250 J	780 U	99	7	20 U	5 U	0.9 J
Tetrachloroethene	*[5.0]*	160 U	160 U	21	10	130	9	9
Toluene	*[2,000]*	280	190	90 DJ	57 DJ	53	2	8
1,1,1-Trichloroethane	*[200]*	92 J	160 U	59 DJ	32 E	52	16	14
1,1,2 Trichloroethane	*[5.0]*	160 U	160 U	3.0	2	5 U	2	2
Trichloroethene	*[6.4]*	160 U	160 U	49 DJ	21	70	15	16
Vinyl Chloride	*[5.0]*	280	270	470 D	160 D	300	290 D	300 D
Xylenes (total)	*[10,000]*	110 J	160 U	46	20	36	6	9
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[7.1]*	29	9 J	32	12	2.5 U	10 U	10 U
Di-n-butyl phthalate	*[3,500]*	10 U	10 U	1.0 J	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	*[600]*	21	9 J	24	4 J	10 U	2 B	10 U
Diethylphthalate	*[28,000]*	10 U	10 U	11 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
Naphthalene	*[14,000]*	4 J	1 J	6.0 J	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
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1 U	0.51 U	0.49 U	0.56 U	0.6 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
Aroclor-1232	*[0.5]*	1 U	0.51 U	0.49 U	0.56 U	0.6 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
Aroclor-1248	*[0.5]*	1 U	0.51 U	0.49 U	0.56 U	0.6 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
Aroclor-1260	*[0.5]*	1 U	29 J	0.49 U	0.56 U	0.6 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
Arsenic	*[50]*	9.7 B	10.6	8.8 B	4.6 B	20 U	7.4 B	11.3
Barium	*[1,000]*	189	478	263	230	280	192 B	204
Beryllium	*[4]*	1 U	0.68 B	0.29 B	0.1 U	NA	0.10 U	0.40 U
Cadmium	*[10]*	0.7 U	1.9 B	0.31 B	0.3 U	5 U	0.60 U	0.40 U
Chromium VI	*[50]*	10 U	10 U	10.0 U	35.8	10 U	11.4	10 U
Lead	*[50]*	0.7 U	1.0 U	1.5 U	1.1 U	50 U	1.7 U	1.8 U
Manganese	*[7,000]*	24.7	151	167	195	240	548	557
Nickel	*[150]*	40.3	54.3	53.1	44.6	50	48	50.6
Silver	*[50]*	0.4 U	0.4 U	0.90 U	0.5 U	10 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
Vanadium	*[245]*	0.56 B	0.4 U	0.80 U	0.4 U	50 U	0.70 U	2.1 B
Zinc	*[7,000]*	1.5 U	30	3.1 U	3.6 U	10 U	3.7 B	3.0 B
Cyanide	*[154]*	26.7	27	21.1	6.8 B	NA	2.9 B	1.6 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-04 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
Volatile Organics								
Acetone	*[3,500]*	2 U	2 U	3.0 B	2 U/2 U	5 U	5 U	2 J
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
1,2-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
Ethylbenzene	*[680]*	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	1 J
Methylene Chloride	*[156.6]*	2 B	1	0.5	1 B/0.7 B	0.8 J	0.6 J	2 U
Methyl ethyl ketone	*[170]*	2 U	2 U	0.7 J	2 U/2 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
Tetrachloroethene	*[5.0]*	4	0.5 U	2.0	0.5 U/0.5 U	1 U	1 U	0.2 J
Toluene	*[2,000]*	0.6 B	0.5 U	0.4 J	0.3 J/0.2 J	1 U	1 U	1 U
1,1,1-Trichloroethane	*[200]*	0.5 U	0.5 U	1.0	0.5 U/0.5 U	1 U	1 U	1 U
1,1,2 Trichloroethane	*[5.0]*	0.5 U	0.5 U	0.5 U	0.5 U/0.5 U	1 U	1 U	1 U
Trichloroethene	*[6.4]*	5	0.6	2.0	0.5 U/0.5 U	1 U	1 U	0.2 J
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
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
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[7.1]*	5 J	10 U	13	7 J/10	2 J	3 JB	10 U
Di-n-butyl phthalate	*[3,500]*	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
Diethylphthalate	*[28,000]*	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
Naphthalene	*[14,000]*	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
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
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
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
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
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
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
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
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
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
Barium	*[1,000]*	197	255	67.1	47.9/93.1	40.4 B	40.6 B	358
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
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
Chromium VI	*[50]*	10 U	10 U	10.0 U	113/80.4	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
Manganese	*[7,000]*	63	191	289	85.2/293	330	49.1	18.5
Nickel	*[150]*	7.2 B	11.1	5.3	5.6/18	7.8 B	6.6 B	1.4 U
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
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
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
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
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

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 (Page 1 of 2)
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					
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	1 U	1 U					
1,2-Dichloroethene(total)	*[9.4]*	1 U	1 U					
Ethylbenzene	*[3,280]*	1 U	1 U					
Methylene Chloride	*[15.7]*	0.5 J	1 U					
Tetrachloroethene	*[8.85]*	1 U	1 U					
Toluene	*[3,400]*	1 U	1 U					
1,1,1-Trichloroethane	*[5,280]*	1 U	1 U					
1,1,2-Trichloroethane	*[41.8]*	1 U	1 U					
Trichloroethene	*[80.7]*	1 U	1 U					
Vinyl chloride	*[525]*	1 U	1 U					
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	1 JB	12 U					
Di-n-butyl phthalate	*[154,000]*	10U	12 U					
1,2-Dichlorobenzene	*[763]*	1 U	1 U					
Diethylphthalate	*[52,100]*	10U	12 U					
Naphthalene	*[620]*	10U	12 U					
Phenol	*[570]*	10U	10J					
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1.0 U	1.0 U					
Aroclor-1221	*[1.0]*	2.0 U	2.0 U					
Aroclor-1232	*[0.5]*	1.0 U	1.0 U					
Aroclor-1242	*[0.5]*	1.0 U	1.0 U					
Aroclor-1248	*[0.5]*	1.0 U	1.0 U					
Aroclor-1254	*[0.5]*	1.0 U	1.0 U					
Aroclor-1260	*[0.5]*	1.0 U	1.0 U					
Inorganics								
Arsenic	*[14]*	4.2 U	2.8 U					
Chromium VI	*[86]*	10 U	10 U					
Lead	*[26.8]*	1.7 U	1.6 U					
Nickel	*[100]*	1.3 U	3.3 U					
Zinc	*[152]*	1.1 U	24					
Cyanide	*[23.9]*	0.60 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).

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 ECTGW6-02 2nd 1999	T-6 ECTGW6-02 3rd 1999	T-6 ECTGW6-02 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	1200 U	1000 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	1200 U	1000 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	1000 U
1,1,2-Trichloroethane	*[41.8]*	500 U	1,200 U	620 U	0.5 U	25 U	1200 U	1000 U
Trichloroethene	*[80.7]*	500 U	1,200 U	620 U	0.6	8.0 J	1200 U	1000 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 ECTGW6-08 3rd 2001					
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	250 U	1000 U					
1,2-Dichloroethene(total)	*[9.4]*	**33,000 D**	**6,900**					
Ethylbenzene	*[3,280]*	350	1000 U					
Methylene Chloride	*[15.7]*	**200 J**	**2000 U**					
Tetrachloroethene	*[8.85]*	250 U	1000 U					
Toluene	*[3,400]*	3,900	2,200					
1,1,1-Trichloroethane	*[5,280]*	560	1000 U					
1,1,2-Trichloroethane	*[41.8]*	250 U	1000 U					
Trichloroethene	*[80.7]*	250 U	1000 U					
Vinyl chloride	*[525]*	9,900 D	**14,000**					
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U	2 J					
Di-n-butyl phthalate	*[154,000]*	10 U	11 U					
1,2-Dichlorobenzene	*[763]*	140 JB	1000 U					
Diethylphthalate	*[52,100]*	3 J	2 J					
Naphthalene	*[620]*	17	19					
Phenol	*[570]*	**260 D**	53					
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1.0 U	1.0 U					
Aroclor-1221	*[1.0]*	2.0 U	2.0 U					
Aroclor-1232	*[0.5]*	1.0 U	**3.2**					
Aroclor-1242	*[0.5]*	1.0 U	1.0 U					
Aroclor-1248	*[0.5]*	1.0 U	1.0 U					
Aroclor-1254	*[0.5]*	1.0 U	1.0 U					
Aroclor-1260	*[0.5]*	1.0 U	1.0 U					
Inorganics								
Arsenic	*[14]*	**55.2**	**139**					
Chromium VI	*[86]*	13.4	10 U					
Lead	*[26.8]*	1.7 U	1.8 U					
Nickel	*[100]*	26.2 B	35.7 B					
Zinc	*[152]*	1.1 U	**2.5 B**					
Cyanide	*[23.9]*	1.1 B	0.84 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-07 2nd 1999	T-7 ECTGW7-02 3rd 1999	T-7 ECTGW7-02 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					
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	1 U	1 U					
1,2-Dichloroethene(total)	*[9.4]*	31	24					
Ethylbenzene	*[3,280]*	0.6 J	0.2 J					
Methylene Chloride	*[15.7]*	1 J	0.6 J					
Tetrachloroethene	*[8.85]*	0.6 J	1					
Toluene	*[3,400]*	6	3					
1,1,1-Trichloroethane	*[5,280]*	1 U	1 U					
1,1,2-Trichloroethane	*[41.8]*	1 U	1 U					
Trichloroethene	*[80.7]*	4	3					
Vinyl chloride	*[525]*	1	1					
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U	11 U					
Di-n-butyl phthalate	*[154,000]*	10 U	11 U					
1,2-Dichlorobenzene	*[763]*	0.5 JB	0.2 J					
Diethylphthalate	*[52,100]*	10 U	11 U					
Naphthalene	*[620]*	10 U	11 U					
Phenol	*[570]*	18	6 J					
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1.0 U	1.0 U					
Aroclor-1221	*[1.0]*	2.0 U	2.0 U					
Aroclor-1232	*[0.5]*	1.0 U	1.0 U					
Aroclor-1242	*[0.5]*	1.0 U	1.0 U					
Aroclor-1248	*[0.5]*	1.0 U	1.0 U					
Aroclor-1254	*[0.5]*	1.0 U	1.0 U					
Aroclor-1260	*[0.5]*	1.0 U	1.0 U					
Inorganics								
Arsenic	*[14]*	4.2 U	1.2 U					
Chromium VI	*[86]*	10 U	10 U					
Lead	*[26.8]*	1.7 U	1.8 U					
Nickel	*[100]*	4.7 B	3.3 B					
Zinc	*[152]*	1.1 U	0.70 U					
Cyanide	*[23.9]*	0.60 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).

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-08 2nd 1999	T-8 ECTGW8-02 3rd 1999	T-8 ECTGW8-02 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	*[370]*	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
[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					
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	1 U	1 U					
1,2-Dichloroethene(total)	*[9.4]*	3	3					
Ethylbenzene	*[3,280]*	1 U	1 U					
Methylene Chloride	*[15.7]*	2 U	2 U					
Tetrachloroethene	*[8.85]*	1 U	0.1 J					
Toluene	*[3,400]*	1 U	1 U					
1,1,1-Trichloroethane	*[5,280]*	1 U	1 U					
1,1,2-Trichloroethane	*[41.8]*	1 U	1 U					
Trichloroethene	*[80.7]*	0.3 J	0.5 J					
Vinyl chloride	*[525]*	1 U	0.5 J					
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U	1 J					
Di-n-butyl phthalate	*[154,000]*	10 U	10 U					
1,2-Dichlorobenzene	*[763]*	1 U	1 U					
Diethylphthalate	*[52,100]*	10 U	10 U					
Naphthalene	*[620]*	10 U	10 U					
Phenol	*[570]*	10 U	10 U					
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1.0 U	1.0 U					
Aroclor-1221	*[1.0]*	2.0 U	2.0 U					
Aroclor-1232	*[0.5]*	1.0 U	1.0 U					
Aroclor-1242	*[0.5]*	1.0 U	1.0 U					
Aroclor-1248	*[0.5]*	1.0 U	1.0 U					
Aroclor-1254	*[0.5]*	1.0 U	1.0 U					
Aroclor-1260	*[0.5]*	1.0 U	1.0 U					
Inorganics								
Arsenic	*[14]*	4.2 U	1.2 U					
Chromium VI	*[86]*	10 U	10 U					
Lead	*[26.8]*	1.7 U	1.8 U					
Nickel	*[100]*	2.3 B	2.4 B					
Zinc	*[152]*	1.1 U	0.70 U					
Cyanide	*[23.9]*	0.85 B	2.7 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					
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	10 U/10 U	1 U/1 U					
1,2-Dichloroethene(total)	*[9.4]*	69/68	**110 D/81 D**					
Ethylbenzene	*[3,280]*	10 U/10 U	1 U/1 U					
Methylene Chloride	*[15.7]*	20 U/20 U	1 J/1 J					
Tetrachloroethene	*[8.85]*	10 U/10 U	0.9 J/0.7 J					
Toluene	*[3,400]*	10 U/10 U	0.4 J/0.5 J					
1,1,1-Trichloroethane	*[5,280]*	10 U/10 U	1 U/1 U					
1,1,2-Trichloroethane	*[41.8]*	10 U/10 U	1 U/1 U					
Trichloroethene	*[80.7]*	10 U/10 U	0.5 J/0.4 J					
Vinyl chloride	*[525]*	170/160	370 D/110 D					
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U/10 U	10 U/2 J					
Di-n-butyl phthalate	*[154,000]*	10 U/10 U	10 U/10 U					
1,2-Dichlorobenzene	*[763]*	10 U/10 U	1U/1U					
Diethylphthalate	*[52,100]*	10 U/10 U	10 U/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]*	1.0 U/1.0 U	1.0 U/1.0 U					
Aroclor-1221	*[1.0]*	2.0 U/2.0 U	2.0 U/2.0 U					
Aroclor-1232	*[0.5]*	1.0 U/1.0 U	1.0 U/1.0 U					
Aroclor-1242	*[0.5]*	1.0 U/1.0 U	1.0 U/1.0 U					
Aroclor-1248	*[0.5]*	1.0 U/1.0 U	1.0 U/1.0 U					
Aroclor-1254	*[0.5]*	1.0 U/1.0 U	1.0 U/1.0 U					
Aroclor-1260	*[0.5]*	1.0 U/1.0 U	1.0 U/1.0 U					
Inorganics								
Arsenic	*[14]*	4.2 U/4.2 U	3.7 B/2.7 B					
Chromium VI	*[86]*	10 U/10 U	10 U/10 U					
Lead	*[26.8]*	1.7 U/1.7 U	1.8 U/1.8 U					
Nickel	*[100]*	16.4 B/16.3 B	16.6 B/15.6 B					
Zinc	*[152]*	1.1 U/1.1 U	0.70 U/0.70 U					
Cyanide	*[23.9]*	0.70 B/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 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 ECTGW-10 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					
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	13 U	0.3 J					
1,2-Dichloroethene(total)	*[9.4]*	**210**	**230 D**					
Ethylbenzene	*[3,280]*	13 U	1 U					
Methylene Chloride	*[15.7]*	25 U	2 U					
Tetrachloroethene	*[8.85]*	3 JB	0.2 J					
Toluene	*[3,400]*	13 U	1 U					
1,1,1-Trichloroethane	*[5,280]*	7 J	10					
1,1,2-Trichloroethane	*[41.8]*	13 U	1 U					
Trichloroethene	*[80.7]*	2 JB	2					
Vinyl chloride	*[525]*	6 J	16 DJ					
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U	7 J					
Di-n-butyl phthalate	*[154,000]*	10 U	10 U					
1,2-Dichlorobenzene	*[763]*	13 U	1U					
Diethylphthalate	*[52,100]*	10 U	10 U					
Naphthalene	*[620]*	10 U	10 U					
Phenol	*[570]*	10 U	10 U					
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1 U	1 U					
Aroclor-1221	*[1.0]*	2 U	2 U					
Aroclor-1232	*[0.5]*	1 U	1 U					
Aroclor-1242	*[0.5]*	1 U	1 U					
Aroclor-1248	*[0.5]*	1 U	1 U					
Aroclor-1254	*[0.5]*	1 U	1 U					
Aroclor-1260	*[0.5]*	1 U	1 U					
Inorganics								
Arsenic	*[14]*	5.3 B	9.3 B					
Chromium VI	*[86]*	10 U	13.12					
Lead	*[26.8]*	1.7 U	2.2 B					
Nickel	*[100]*	14.9 B	12.2 B					
Zinc	*[152]*	1.1 U	**0.70 U**					
Cyanide	*[23.9]*	0.66 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).

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								
Bis (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					
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	1 U/1 U	1 U/1 U					
1,2-Dichloroethene(total)	*[9.4]*	1 U/1 U	0.2 J/0.1 J					
Ethylbenzene	*[3,280]*	1 U/1 U	1 U/1 U					
Methylene Chloride	*[15.7]*	2 U/0.7 J	2 U/2 U					
Tetrachloroethene	*[8.85]*	1 U/1 U	1 U/1 U					
Toluene	*[3,400]*	1 U/1 U	1 U/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]*	1 U/1 U	1 U/1 U					
Vinyl chloride	*[525]*	1 U/1 U	1 U/1 U					
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U/ 1 JB	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	10 U/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]*	1.0 U/1.0 U	1 U/1 U					
Aroclor-1221	*[1.0]*	2.0 U/2.0 U	2 U/2 U					
Aroclor-1232	*[0.5]*	1.0 U/1.0 U	1 U/1 U					
Aroclor-1242	*[0.5]*	1.0 U/1.0 U	1 U/1 U					
Aroclor-1248	*[0.5]*	1.0 U/1.0 U	1 U/1 U					
Aroclor-1254	*[0.5]*	1.0 U/1.0 U	1 U/1 U					
Aroclor-1260	*[0.5]*	1.0 U/1.0 U	1 U/1 U					
Inorganics								
Arsenic	*[14.0]*	4.2 U/4.2 U	1.8 B/1.8 B					
Chromium VI	*[86.0]*	10 U/10 U	10 U/10 U					
Lead	*[26.8]*	1.7 U/1.7 U	1.8 U/1.8 U					
Nickel	*[100]*	1.3 U/1.3 U	7.8 B/1.4 U					
Zinc	*[152.0]*	1.1 U/1.1 U	4.9 B/.70 U					
Cyanide	*[23.9]*	0.60 U/0.60 U	0.80 U/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).

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 ECSGW-02 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					
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	1 U	1 U					
1,2-Dichloroethene(total)	*[9.4]*	0.3 J	0.1 J					
Ethylbenzene	*[3,280]*	1 U	1 U					
Methylene Chloride	*[15.7]*	0.6 J	2 U					
Tetrachloroethene	*[8.85]*	1 U	1 U					
Toluene	*[3,400]*	1 U	1 U					
1,1,1-Trichloroethane	*[5,280]*	1 U	1 U					
1,1,2-Trichloroethane	*[41.8]*	1 U	1 U					
Trichloroethene	*[80.7]*	1 U	1 U					
Vinyl chloride	*[525]*	0.4 J	1					
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U	10 U					
Di-n-butyl phthalate	*[154,000]*	10 U	10 U					
1,2-Dichlorobenzene	*[763]*	1 U	1 U					
Diethylphthalate	*[52,100]*	10 U	10 U					
Naphthalene	*[620]*	10 U	10 U					
Phenol	*[570]*	10 U	10 U					
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1.0 U	1.0 U					
Aroclor-1221	*[1.0]*	2.0 U	2.0 U					
Aroclor-1232	*[0.5]*	1.0 U	1.0 U					
Aroclor-1242	*[0.5]*	1.0 U	1.0 U					
Aroclor-1248	*[0.5]*	1.0 U	1.0 U					
Aroclor-1254	*[0.5]*	1.0 U	1.0 U					
Aroclor-1260	*[0.5]*	1.0 U	1.0 U					
Inorganics								
Arsenic	*[14.0]*	4.2 U	1.9 B					
Chromium VI	*[86.0]*	10 U	10 U					
Lead	*[26.8]*	1.7 U	1.8 U					
Nickel	*[100]*	5.8 B	4.7 B					
Zinc	*[152.0]*	1.1 U	.70 U					
Cyanide	*[23.9]*	0.60 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.

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 ECSGW-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					
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	1 U	1 U					
1,2-Dichloroethene(total)	*[9.4]*	1 U	1 U					
Ethylbenzene	*[3,280]*	1 U	1 U					
Methylene Chloride	*[15.7]*	0.7 J	2 U					
Tetrachloroethene	*[8.85]*	1 U	1U					
Toluene	*[3,400]*	0.1 J	1U					
1,1,1-Trichloroethane	*[5,280]*	1 U	1 U					
1,1,2-Trichloroethane	*[41.8]*	1 U	1 U					
Trichloroethene	*[80.7]*	1 U	1 U					
Vinyl chloride	*[525]*	1	5					
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	10 U	10 U					
Di-n-butyl phthalate	*[154,000]*	10 U	10 U					
1,2-Dichlorobenzene	*[763]*	1 U	1 U					
Diethylphthalate	*[52,100]*	10 U	10 U					
Naphthalene	*[620]*	10 U	10 U					
Phenol	*[570]*	10 U	10 U					
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1.0 U	1.0 U					
Aroclor-1221	*[1.0]*	2.0 U	2.0 U					
Aroclor-1232	*[0.5]*	1.0 U	1.0 U					
Aroclor-1242	*[0.5]*	1.0 U	1.0 U					
Aroclor-1248	*[0.5]*	1.0 U	1.0 U					
Aroclor-1254	*[0.5]*	1.0 U	1.0 U					
Aroclor-1260	*[0.5]*	1.0 U	1.0 U					
Inorganics								
Arsenic	*[14.0]*	4.2 U	1.2 U					
Chromium VI	*[86.0]*	10 U	10 U					
Lead	*[26.8]*	1.7 U	1.8 U					
Nickel	*[100]*	9.5 B	12.3 B					
Zinc	*[152.0]*	1.1 U	.70 U					
Cyanide	*[23.9]*	0.6 U	.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).

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 ECSGW4A-02 1st 1999	S-4A ECSGW-04 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					
Volatile Organics								
1,1-Dichloroethene	*[1.85]*	5 U	1U					
1,2-Dichloroethene(total)	*[9.4]*	**86**	**43 D**					
Ethylbenzene	*[3,280]*	5 U	1 U					
Methylene Chloride	*[15.7]*	10 U	2 U					
Tetrachloroethene	*[8.85]*	2 J	1 U					
Toluene	*[3,400]*	5 U	1 U					
1,1,1-Trichloroethane	*[5,280]*	5 U	1 U					
1,1,2-Trichloroethane	*[41.8]*	5 U	1 U					
Trichloroethene	*[80.7]*	5 U	1 U					
Vinyl chloride	*[525]*	6	16					
Semi-Volatile Organics								
Bis (2-ethylhexyl) phthalate	*[50,000]*	11 U	5 J					
Di-n-butyl phthalate	*[154,000]*	11 U	10 U					
1,2-Dichlorobenzene	*[763]*	5 U	1 U					
Diethylphthalate	*[52,100]*	11 U	10 U					
Naphthalene	*[620]*	11 U	10 U					
Phenol	*[570]*	11 U	10 U					
Polychlorinated biphenyls								
Aroclor-1016	*[0.5]*	1.0 U	1 U					
Aroclor-1221	*[1.0]*	2.0 U	2 U					
Aroclor-1232	*[0.5]*	1.0 U	1 U					
Aroclor-1242	*[0.5]*	1.0 U	1 U					
Aroclor-1248	*[0.5]*	1.0 U	1 U					
Aroclor-1254	*[0.5]*	1.0 U	1 U					
Aroclor-1260	*[0.5]*	1.0 U	1 U					
Inorganics								
Arsenic	*[14.0]*	4.2 U	1.2 U					
Chromium VI	*[86.0]*	10 U	10 U					
Lead	*[26.8]*	1.7 U	1.8 U					
Nickel	*[100]*	1.3 U	1.4 U					
Zinc	*[152.0]*	1.1 U	0.7					
Cyanide	*[23.9]*	0.60 U	.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-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.

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

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

J = Estimated Value.

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

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
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
1,2-Dichloroethene(total)	*[9.4]**	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U
Ethylbenzene	*[3,280]*	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	1 U
Methylene chloride	*[15.7]*	1 B	0.8 B	1	0.8	2.0 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
Toluene	*[3,400]*	0.5 U	0.5 U	0.5 U	0.2 J	1.0 U	1 U	1 U
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
1,1,2-Trichloroethane	*[41.8]*	0.5 U	0.5 U	0.5 U	0.5 U	1.0 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
Vinyl chloride	*[525]*	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	1 U	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
Di-n-butyl phthalate	*[154,000]*	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	1 U	1 U	1 U
Diethyl phthalate	*[52,100]*	10 U	10 U	10 U	10 U	11 U	10 U	10 U
Naphthalene	*[620]*	10 U	10 U	10 U	10 U	11 U	10 U	10 U
Phenol	*[570]*	10 U	10 U	10 U	10 U	11 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
Aroclor 1221	*[1.0]*	2 U	0.97 U	1 U	1.0 U	2.0 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
Aroclor 1242	*[0.5]*	1 U	0.48 U	0.5 U	0.50 U	1.0 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
Aroclor 1254	*[0.5]*	1 U	0.48 U	0.5 U	0.50 U	1.0 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
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
Chromium VI	*[86.0]*	10 U	10 U	10 U	10 U	10 U	10.4	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
Nickel	*[100]*	15.9 U	8.2	20.5	9.2	6.2 B	10 B	15.4 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
Cyanide	*[23.9]*	10 U	10 U	10.3	2.1 B	2.4 B	1.8 B	5 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 ECSW201 4th 1998	SW-2 ECSW2-02 1st 1999	SW-2 ECSW-02 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
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
1,2-Dichloroethene (total)	*[9.4]*	0.5 J/0.3 J	**0.8**	1	0.3 J	0.6 J	2	0.3 J
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
Methylene Chloride	*[15.7]*	2 B/1 B	**0.8 B**	2 B	1	0.9 J	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
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
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
1,1,2-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
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
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
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
Di-n-butyl phthalate	*[154,000]*	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
Diethyl Phthalate	*[52,100]*	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
Phenol	*[570]*	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
Aroclor 1221	*[1.0]*	2 U/2 U	**0.95 U**	0.99 U	0.93 U	2.0 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
Aroclor 1242	*[0.5]*	1 U/1 U	**0.48 U**	0.50 U	0.46 U	1.0 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
Aroclor 1254	*[0.5]*	1 U/1 U	**0.48 U**	0.50 U	0.46 U	1.0 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
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
Chromium VI	*[86.0]*	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
Nickel	*[100]*	13.5 U/14 U	**8.3**	19.7	9	6.1 B	9.7 B	16.5 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
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

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.

Table 4

Samples Exceeding IDEM's Proposed RCRA Clean Closure Criteria and Table 3.1 of Exhibit A Criteria

EnviroChem Southern Pad Area Excavation Surface Soil Sampling

Surface Soil Sample Results Exceeding IDEM's RCRA Clean Closure Criteria**

Parameter	IDEM RCRA Clean Closure Acceptable Soil Concentrations**	CHECS-01*	CHECS-03*	CHECS-04*	CHECS-05	CHECS-08	CHECS-09*	CHECS-14*	CHECS-15*	CHECS-16	CHECS-17	CHECS-22	CHECS-25*	CHECS-27	CHECS-29*
1,1,1-Trichloroethane	1,930	9,600 D		20,000 D			120,000 D		480,000 J	37,000 J	170,000 J				25,000 D
1,1,2-Trichloroethane	30.4			69 J											200 =
1,1-Dichloroethene	57.9	450 =		1,100 =			6,600 =		16,000 D	1,500 D	7,600 D		66 =		760 =
1,2-Dichloroethene (total)	1,079	25,000 D		4,900 =				2,800 J	23,000 D	3,300 D	8,400 D		5,300 D		9,800 =
Methylene chloride	23.1			110 =			300 =		3,100 =	100 E	2,300 =	2,200 D	97 =		9,200 =
Tetrachloroethene	57.7	61 J		1,000 =					180,000 J		79,000 D				37,000 D
Toluene	11,700			16,000 D					23,000 J						
Trichloroethene	57	590 J		380,000 J					66,000 D	31,000 D	55,000 D				49,000 D
Vinyl chloride	13.5	170 J	30 J		57 J			25 J	3,700 J	54 J	230 J		300 D	59 =	

Surface Soil Sample Results Exceeding Acceptable Soil Concentrations from Table 3.1 of Exhibit A of Consent Decree***

Parameter	Table 3-1 Acceptable Soil Concentrations***	CHECS-01*	CHECS-03*	CHECS-04*	CHECS-05	CHECS-08	CHECS-09*	CHECS-14*	CHECS-15*	CHECS-16	CHECS-17	CHECS-22	CHECS-25*	CHECS-27	CHECS-29*
1,1,1-Trichloroethane	47,871						120,000 D		480,000 J		170,000 J				
1,1,2-Trichloroethane	71														200 =
1,1-Dichloroethene	762			1,100 =			6,600 =		16,000 D	1,500 D	7,600 D				
1,2-Dichloroethene (total)	5,782	25,000 D							23,000 D		8,400 D				9,800 =
Methyl ethyl keytone	352					670 J		1,000 J				440 J			720 =
Methylene chloride	126						300 =		3,100 =		2,300 =	2,200 D			9,200 =
Tetrachloroethene	77			1000 =					180,000 J		79,000 D				37,000 D
Trichloroethene	812			380,000 J					66,000 D	31,000 D	55,000 D				49,000 D
Vinyl chloride	8	170 J	30 J		57 J			25 J	3,700 J	54 J	230 J		300 D	59 =	

Notes:
All units in ug/kg
* Indicates a sidewall sample
** Per V. Epps/IDEM based on IDEM's Interim RISC Tier I Residential Subsurface Soil Values for 1/2 acre parcel of land
*** Per Table 3.1 of Revised Exhibit A of the EnviroChem Consent Decree

Data Qualifiers:
[=] Detected. The component was analyzed for and detected at the concentration shown
[D] Diluted result
[J] An estimated value. This flag was used when the data indicated the presence of a component was below the stated reporting limit or when the direction of analytical bias was unknown
[E] Value was detected above the calibration curve, but the diluted result was not reported because it was diluted below the detection limit.