

March 19, 2002

**BEDFORD RFI TECHNICAL MEMORANDUM 1
2001 STREAM INVESTIGATION DATA SUMMARY**

**GM POWERTRAIN – BEDFORD PLANT
105 GM DRIVE
BEDFORD, INDIANA**

EPA ID# IND 006036099

Prepared for:

GENERAL MOTORS CORPORATION

March 19, 2002

BEDFORD RFI TECHNICAL MEMORANDUM 1 2001 STREAM INVESTIGATION DATA SUMMARY

**GM POWERTRAIN – BEDFORD PLANT
105 GM DRIVE
BEDFORD, INDIANA**

EPA ID# IND 006036099

**Prepared for:
GENERAL MOTORS CORPORATION**

Exponent

15375 SE 30th Place, Suite 250
Bellevue, Washington 98007

Office: (425) 643-9803
Fax: (425) 643-9827

Contents

	<u>Page</u>
List of Figures	iii
List of Tables	iii
Acronyms and Abbreviations	iv
1 Introduction	1
2 Objectives and Scope of the Stream Investigation	2
3 Field Investigation Study Design	3
3.1 Ecological Reconnaissance	3
3.2 Stream Sampling	4
3.2.1 Surface Water Samples	5
3.2.2 Sediment Sampling	6
3.2.3 Floodplain and Bank Soil Sampling	6
3.2.4 Aquatic Biota Sampling	6
4 Results and Recommendations for Additional Sampling	8
5 References	10

List of Figures

- Figure 1. Stream investigation study area
Figure 2. Stream investigation sample locations

Figures are presented following the main text.

List of Tables

- Table 1. Sediment analytical results summary—October 2001 stream sampling
Table 2. Surface water analytical results summary—October 2001 stream sampling
Table 3. Soil analytical results summary—October 2001 stream sampling
Table 4. Biota analytical results summary—October 2001 stream sampling
Table 5. Summary of PCB detections

Tables are presented following the main text.

1 Introduction

This memorandum describes tasks that were performed as the first step of an environmental investigation of surface water streams in the vicinity of the GM Powertrain – Bedford Plant (the Facility), in Bedford, Indiana. The stream investigation is part of an RCRA facility investigation (RFI), which is being conducted by GM under an agreement with the U.S. Environmental Protection Agency (U.S. EPA) and with the assistance of Indiana Department of Environmental Management (IDEM) and the U.S. Fish and Wildlife Service. Field activities for this initial phase of the investigation were conducted between August and October 2001. The objectives and findings are described below, and recommendations for additional investigations are noted.

2 Objectives and Scope of the Stream Investigation

The objectives of the 2001 stream investigation were to:

- Identify and characterize any hazardous constituents present in surface water, sediments, and floodbank soils due to historical discharges from the Facility
- Identify and characterize bioaccumulative hazardous constituents present in aquatic biota due to historical discharges from the Facility
- Develop an understanding of the potential for human and ecological receptors to be exposed to hazardous constituents present in the streams
- Develop an understanding of physical factors in the streams which may affect the transport and fate of residual hazardous constituents, including stream geomorphology and sedimentation.

The 2001 stream investigation study area is shown in Figure 1. The primary stream of interest is the drainage pathway from the treated wastewater discharge at the Facility to Salt Creek, a distance of approximately 4 stream miles. This drainage consists of the small tributary leading east from the treated wastewater discharge at the Facility to Bailey's Branch of Pleasant Run, Bailey's Branch itself, which flows north into Pleasant Run, and the portion of Pleasant Run downstream of the confluence with Bailey's Branch. Pleasant Run flows west into Salt Creek, which flows generally south. Salt Creek drains Monroe Reservoir, located upstream of Bedford, then continues south past Bedford to the East Fork of the White River. Also included in the study area were a smaller spring-fed headwater tributary of Bailey's Branch that originates on the Facility property, and a spring-fed tributary on the west side of the Facility that drains directly into Salt Creek.

3 Field Investigation Study Design

Two field activities were completed in the initial phase of the investigation: an ecological reconnaissance of the study area, and a preliminary field sampling study. The scope of these activities is described more fully in the Stream Investigation Work Plan (Exponent 2001a), which was submitted to U.S. EPA and IDEM in June 2001. A brief summary is provided below.

3.1 Ecological Reconnaissance

The ecological reconnaissance was conducted over three days in August 2001. A team of stream ecologists and human and ecological risk assessors, together with representatives from U.S. EPA and IDEM, conducted a walking survey of the entire study area. Study area characteristics relevant to the design of the sampling study were noted. Information collected included:

- Descriptions and photographs of stream flow, morphology, and surrounding habitats
- Locations of unique features and changes in stream characteristics
- Observations on the potential usage of the study area by wildlife or humans
- Proximity of study area streams to human residences or other areas used by humans (e.g., pasture)
- Observations on the aquatic species diversity and abundance.

The observations and findings of the ecological reconnaissance were summarized and submitted as part of the Stream Investigation Field Sampling Plan (Exponent 2001b).

3.2 Stream Sampling

A field sampling plan (FSP) was developed based on the stream investigation study objectives, historical information about the study area and releases from the Facility, collected during development of the Current Conditions Report (CCR), which was submitted to U.S. EPA in May 2001 (CRA 2001), and data collected during the ecological reconnaissance. All sampling activities and methods are described in detail in the FSP. Sample station locations were selected throughout the study area downstream of the drainage pathway from the Facility. Two sample stations were selected at locations upstream of the drainage pathway from the Facility, at locations believed to be outside the influence of historical discharges from the Facility, to serve as background reference locations. These included a station in the upper portion of Pleasant Run (above the confluence with Bailey's Branch) and a station in Gulleys Creek, a nearby tributary of Salt Creek, which is of similar size to Pleasant Run. Also included were samples in Salt Creek, both upstream and downstream of the confluence with Pleasant Run.

Most of the offsite study area streams are on private property, not public property. Access agreements with private property owners were obtained by GM and the sampling was conducted in October 2001. Some minor modifications to the proposed sample design were made, due to situations encountered in the field. One reference sediment station in Gulleys Creek was dropped because of a complete lack of fine-grained sediment (Station R2). Actual sample stations are shown in Figure 2 and are summarized below.

Primary study area downstream of the facility discharge:

- 4 surface water stations
- 18 sediment stations
- 9 bank or flood plain soil stations
- 7 aquatic biota stations.

Locations upstream of the facility discharge (one in Pleasant Run and one in Salt Creek):

- 2 surface water stations
- 2 sediment stations
- 2 aquatic biota stations.

Locations in Salt Creek:

- 2 surface water stations
- 4 sediment stations
- 2 aquatic biota stations.

Secondary stream headwater areas:

- 2 surface water stations
- 8 sediment stations.

3.2.1 Surface Water Samples

Water levels at the time of sampling were extremely low, and therefore represent low-flow conditions. Surface water sampling under high-flow conditions is also specified in the FSP, and it is anticipated that high-flow sampling will take place in the spring of 2002. Surface water samples were collected from Stations ST1, ST4, ST10, ST16, and ST19 in the primary study area streams, Stations ST21 and ST23 in Salt Creek, Stations SP1 and SP5 in the spring-fed tributary headwater areas, and Station R1 in Gulleets Creek. Unfiltered water samples were submitted to the laboratory for analysis of polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), and metals. Filtered water samples were submitted for analysis of PCBs and metals. Surface water samples were also analyzed for total and amenable cyanide, total Kjeldahl nitrogen, ammonia, pH, total suspended

solids, total dissolved solids, and hardness measured as calcium carbonate. All surface water samples were co-located with sediment samples, but collected before the sampling of the sediment or biota.

3.2.2 Sediment Sampling

Surface sediment samples were collected at all stations shown in Figure 2. Station ST2 is unique in that the sediment sample came from an abandoned quarry pond adjacent to the stream. There is no significant sediment in the streambed at this location. The objective at all stations was to obtain a sample from 0 to 10 cm in depth. Generally speaking, the sediment in study area streams is very thin, lying over a streambed of hard native clay or bedrock. It was not possible to achieve 10 cm of penetration with sampling equipment at many stations. At Stations ST13 and ST14 in Pleasant Run, relatively thick sediments are present. At these stations, coring equipment was used to collect sediment samples at two depths: 0 to 10 cm, and 10 to 20 cm. All sediment samples were submitted for laboratory analysis of PCBs, VOCs, SVOCs, metals, total organic carbon, and pH. Grain size analyses were also performed by the laboratory on all sediment samples.

3.2.3 Floodplain and Bank Soil Sampling

Bank soils were collected from both banks at Stations ST1, ST2, and ST4 in the upper portion of the study area watershed. Floodplain transects were located perpendicular to the stream channel at Stations ST7, ST8/11, ST14, ST16, ST18, and ST18A in the lower watershed. Laboratory analyses were identical to those performed for sediment.

3.2.4 Aquatic Biota Sampling

Composite, whole-body samples of crayfish and two species of forage fish were targeted for collection at Stations ST1, ST4, ST8, ST10, ST13, ST15, ST18, and ST19 in the primary study area, as well as Stations ST21 and ST23 in Salt Creek, and Station R1 in Gulleys Creek. The target fish species were central stoneroller (*Campostoma anomalum*) and sunfish (*Lepomis* sp.).

Other forage species were substituted at some locations where these species were not found. Game fishes (e.g., largemouth bass, channel catfish, white crappie) were opportunistically sampled and fillets were submitted for analysis when they were caught. Only the bass (caught in Gulleets Creek) and the catfish (caught in Salt Creek) were of potentially edible size. Biota samples were analyzed for PCBs and mercury.

4 Results and Recommendations for Additional Sampling

The analytical results for all sediment, surface water, soil, and biota samples are shown in Tables 1, 2, 3, and 4, respectively. PCBs were found in all media. A detection summary for total PCBs, calculated as the sum of detected Aroclors[®], is presented in Table 5. No other constituents were found at levels of concern or above background.

Based on the findings described above, the occurrence of PCBs is widespread in study area stream sediments, fish, and soils, and was detected less frequently in surface water. The levels generally decrease with distance from the Facility.

Under the low-flow conditions encountered, low levels of PCBs in filtered and unfiltered water samples were detected at some stations where PCB levels were also elevated in sediments. Water collected from stations located in the upstream reach of Pleasant Run, in Gulleets Creek, and in Salt Creek did not contain detectable levels of PCBs. Surface water will be resampled under high-flow conditions at all 10 water stations.

PCBs in sediment were highest in Bailey's Branch and its headwater tributaries. PCBs in sediments collected in the lower reaches of Pleasant Run were generally lower than the upper reaches. Sediments collected from Salt Creek were found to contain much lower levels of PCBs than those collected from Pleasant Run. Similar levels were detected at all Salt Creek stations, extending approximately 1 mile both upstream and downstream of the confluence with Pleasant Run. As with water, sediment collected from stations located in the upstream reach of Pleasant Run and in Gulleets Creek did not contain detectable levels of PCBs. Sediment is patchy and appears to be highly mobile throughout the study area.

Fish were found to contain significant levels of PCBs throughout the study area, which generally mirrored the trends observed in sediment. PCB levels were highest at sample stations closest to the GM outfall, and relatively low in the lower portion of Pleasant Run and Salt Creek. Fish from the reference stations (where PCBs were not detected in sediments) also

carried relatively low body burdens of PCBs, which are likely to be due to movement of fish within the watershed and biomagnification of trace PCB levels in the aquatic food web.

Sufficient information has been gathered in this first phase of the stream investigation to characterize the distribution of PCBs in sediment and fish of the study area. Surface water will be resampled in accordance with the work plan during high flow in the spring of 2002. Based on the limited soil data obtained from this study, it appears that soils close to the stream also contain elevated levels of PCBs in some locations. The study area, particularly the lower portion of the watershed, contains considerable floodplain areas, which potentially receive deposition of stream sediments during flood events. Because the floodplains were not well characterized by previous investigations, and are incompletely characterized by these preliminary data, the further characterization of bank and floodplain soils is a top priority for additional data collection. The next phase of additional sampling will include bank and floodplain sampling and focus first on those areas where the potential for human exposure is greatest (e.g., in the vicinity of residences).

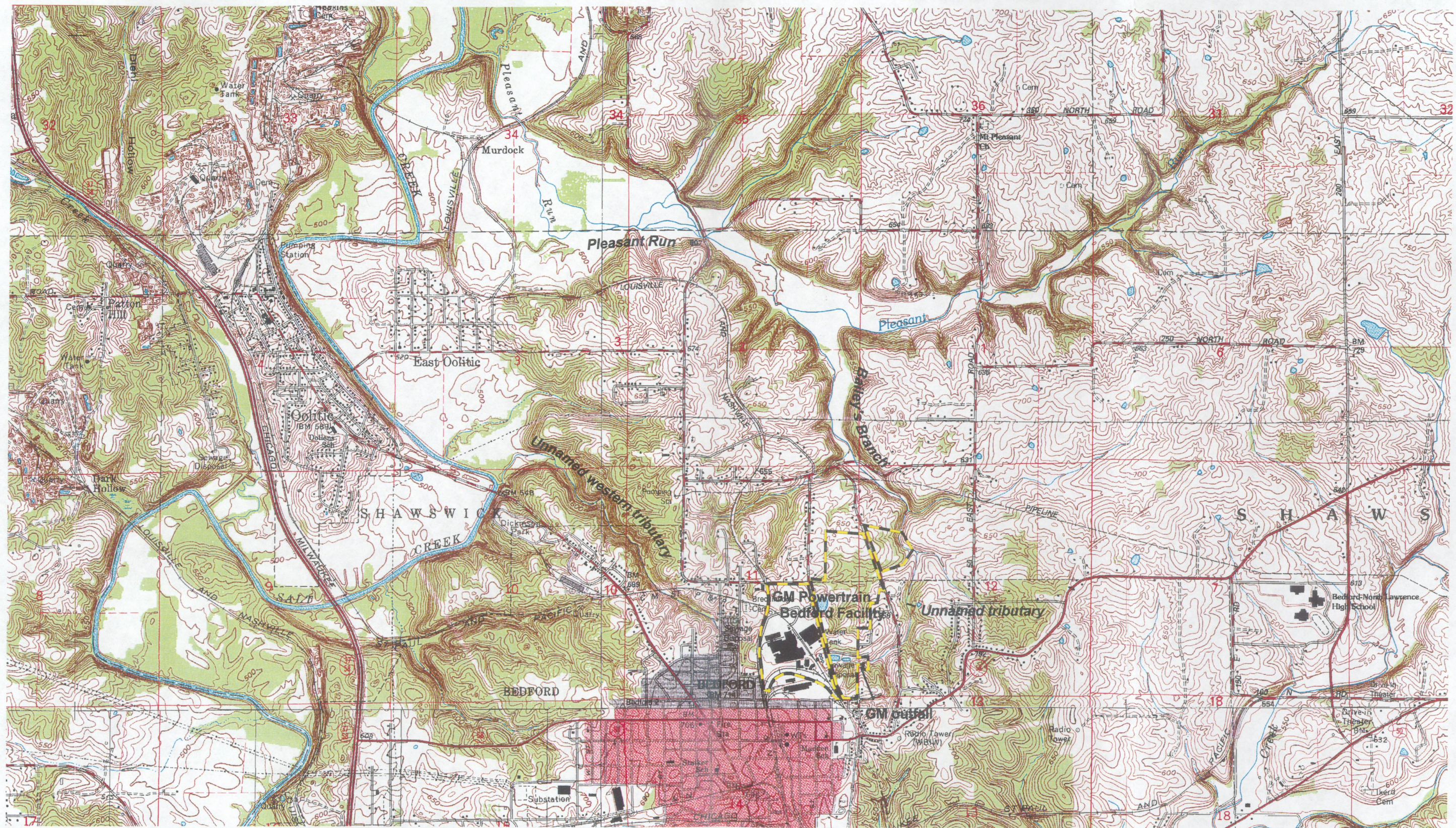
5 References

CRA. 2001. Current conditions report GM Powertrain – Bedford Plant. EPA ID# IND 006036099. Prepared for General Motors Corporation. Conestoga-Rovers & Associates.

Exponent. 2001a. Stream Investigation work plan GM Powertrain – Bedford Plant. EPA ID# IND 006036099. Prepared for General Motors Corporation. Exponent, Bellevue, WA.

Exponent. 2001b. Stream Investigation field sampling plan GM Powertrain – Bedford Plant. EPA ID# IND 006036099. Prepared for General Motors Corporation. Exponent, Bellevue, WA.

Figures



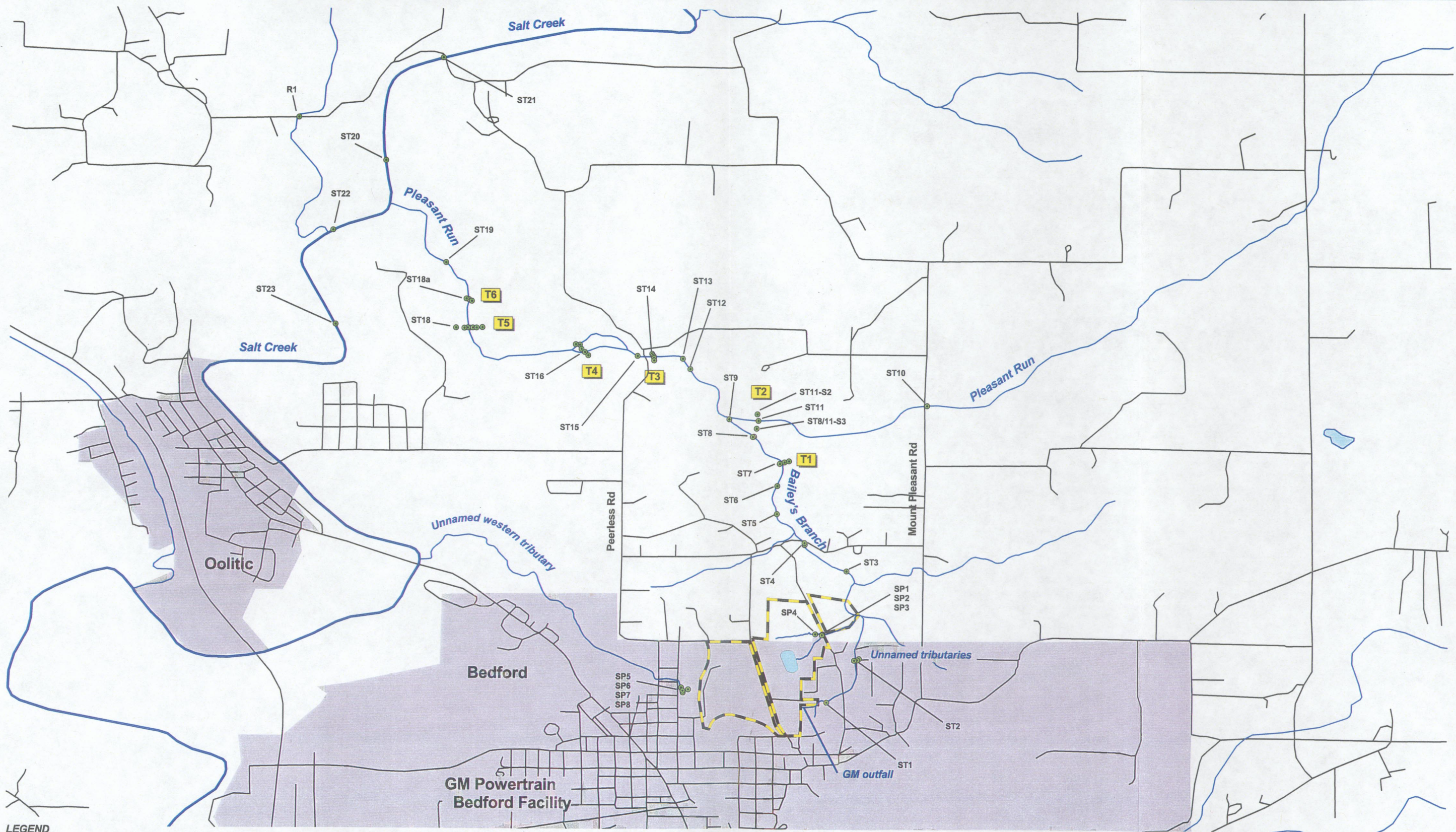
Exponent®

Source: USGS 7.5 minute quadrangles (4 total)



0 0.5 1 1.5 Miles
0 1 2 Kilometers

Figure 1. Stream investigation study area



LEGEND

● Sample location

Exponent®

Source: Base map from TIGER line and boundary files



0 0.5 1 1.5 Miles
0 1 2 Kilometers

Figure 2. Stream investigation sample locations

Tables

Table 1. Sediment analytical results summary—October 2001 stream sampling

Sample Location:		R1	SP1	SP1	SP2	SP3	SP4
Sample ID:		SD-100301-SK-007	SD-100701-SK-002	SD-100701-SK-003	SD-100701-SK-004	SD-100701-SK-005	SD-100701-SK-006
Sample Date:		10/3/2001	10/7/2001	10/7/2001	10/7/2001	10/7/2001	10/7/2001
Sample Time:		16:00	10:49	10:26	11:40	12:00	12:55
		10	10	10	10	10	10
Parameter	Unit	(dupl of SD-100701-SK-002)					
Metals							
Aluminum	mg/kg	7840	8730	7060	7570	4490	10200
Antimony	mg/kg	ND (14.5)	ND (9.4) UJ	ND (9.8) UJ	ND (9.6) UJ	ND (171) UJ	ND (8.9) UJ
Arsenic	mg/kg	8	7.5	7.4	7.9	120	6.2
Barium	mg/kg	80.2	72.2	66.8	61.2	493	46.5
Beryllium	mg/kg	0.92 J	0.59 J	0.45 J	0.45 J	0.48 J	0.33 J
Cadmium	mg/kg	0.76 J	0.57 J	0.79 J	1	1.7 J	0.84
Chromium	mg/kg	28.4	14.7	14.1	16.6	5.5 J	21.9
Cobalt	mg/kg	13.1	10	10.8	11.6	29.7	11.2
Copper	mg/kg	18.8	18.2	20.7	38.2	136	83.1
Iron	mg/kg	19700	16500	16500	16000	364000	14300
Lead	mg/kg	26	17.8	18.3	21.3	22	21.1
Manganese	mg/kg	714	898	1170	2060	16200	893
Mercury	mg/kg	0.093 J	0.14 J	0.16	0.11 J	0.2 J	0.89
Nickel	mg/kg	16.5	12.4	11.7	18.2	19 J	27.9
Selenium	mg/kg	0.95 J	0.52 J	ND (0.81)	ND (0.8)	8.7	ND (0.74)
Silver	mg/kg	ND (2.4)	ND (1.6)	ND (1.6)	1.2 J	1.5 J	1.1 J
Thallium	mg/kg	ND (2.4)	0.89 J	ND (1.6)	ND (1.6)	12.5 J	ND (1.5)
Vanadium	mg/kg	25.9	24.3	21.2	20.6	8.3 J	14.7
Zinc	mg/kg	65	76.8	86.8	155	121	125
Polychlorinated Biphenyls							
Aroclor® 1016 (PCB-1016)	µg/kg	ND (80)	ND (260)	ND (540)	ND (1100)	ND (940)	ND (980)
Aroclor® 1221 (PCB-1221)	µg/kg	ND (80)	ND (260)	ND (540)	ND (1100)	ND (940)	ND (980)
Aroclor® 1232 (PCB-1232)	µg/kg	ND (80)	ND (260)	ND (540)	ND (1100)	ND (940)	ND (980)
Aroclor® 1242 (PCB-1242)	µg/kg	ND (80)	ND (260)	ND (540)	ND (1100)	2600	ND (980)
Aroclor® 1248 (PCB-1248)	µg/kg	ND (80)	1300	2500	14000	ND (940)	8000
Aroclor® 1254 (PCB-1254)	µg/kg	ND (80)	ND (260)	ND (540)	ND (1100)	ND (940)	ND (980)
Aroclor® 1260 (PCB-1260)	µg/kg	ND (80)	240 J	440 J	3100	ND (940)	ND (980)
Semivolatile Organic Compounds							
2,2'-oxybis(1-Chloropropane)	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
2,4,5-Trichlorophenol	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
2,4,6-Trichlorophenol	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)

Table 1. (cont.)

Sample Location:		R1	SP1	SP1	SP2	SP3	SP4
Sample ID:		SD-100301-SK-007	SD-100701-SK-002	SD-100701-SK-003	SD-100701-SK-004	SD-100701-SK-005	SD-100701-SK-006
Sample Date:		10/3/2001	10/7/2001	10/7/2001	10/7/2001	10/7/2001	10/7/2001
Sample Time:		16:00	10:49	10:26	11:40	12:00	12:55
		10	10	10	10	10	10
Parameter	Unit	(dupl of SD-100701-SK-002)					
2,4-Dichlorophenol	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
2,4-Dimethylphenol	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
2,4-Dinitrophenol	µg/kg	ND (3900)	ND (2500)	ND (2600)	ND (2600)	ND (9100)	ND (2400)
2,4-Dinitrotoluene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
2,6-Dinitrotoluene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
2-Chloronaphthalene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
2-Chlorophenol	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
2-Methylnaphthalene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
2-Methylphenol	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
2-Nitroaniline	µg/kg	ND (3900)	ND (2500)	ND (2600)	ND (2600)	ND (9100)	ND (2400)
2-Nitrophenol	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
3,3'-Dichlorobenzidine	µg/kg	ND (3900)	ND (2500)	ND (2600)	ND (2600)	ND (9100)	ND (2400)
3-Nitroaniline	µg/kg	ND (3900)	ND (2500)	ND (2600)	ND (2600)	ND (9100)	ND (2400)
4,6-Dinitro-2-methylphenol	µg/kg	ND (3900)	ND (2500)	ND (2600)	ND (2600)	ND (9100)	ND (2400)
4-Bromophenyl phenyl ether	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
4-Chloro-3-methylphenol	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
4-Chloroaniline	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
4-Chlorophenyl phenyl ether	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
4-Methylphenol	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
4-Nitroaniline	µg/kg	ND (3900)	ND (2500)	ND (2600)	ND (2600)	ND (9100)	ND (2400)
4-Nitrophenol	µg/kg	ND (3900)	ND (2500)	ND (2600)	ND (2600)	ND (9100)	ND (2400)
Acenaphthene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Acenaphthylene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Acetophenone	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Anthracene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Atrazine	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Benzaldehyde	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Benz[a]anthracene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Benzo[a]pyrene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Benzo[b]fluoranthene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Benzo[ghi]perylene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Benzo[k]fluoranthene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Biphenyl	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)

Table 1. (cont.)

Sample Location:		R1	SP1	SP1	SP2	SP3	SP4
Sample ID:		SD-100301-SK-007	SD-100701-SK-002	SD-100701-SK-003	SD-100701-SK-004	SD-100701-SK-005	SD-100701-SK-006
Sample Date:		10/3/2001	10/7/2001	10/7/2001	10/7/2001	10/7/2001	10/7/2001
Sample Time:		16:00	10:49	10:26	11:40	12:00	12:55
		10	10	10	10	10	10
Parameter	Unit	(dupl of SD-100701-SK-002)					
Bis[2-chloroethoxy]methane	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Bis[2-chloroethyl]ether	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Bis[2-ethylhexyl]phthalate	µg/kg	130 J	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Butyl benzylphthalate	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Caprolactam	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Carbazole	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Chrysene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Dibenz[a,h]anthracene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Dibenzofuran	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Diethyl phthalate	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Dimethyl phthalate	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Di- <i>n</i> -butyl phthalate	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Di- <i>n</i> -octyl phthalate	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Fluoranthene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Fluorene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Hexachlorobenzene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Hexachlorobutadiene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Hexachlorocyclopentadiene	µg/kg	ND (3900)	ND (2500)	ND (2600)	ND (2600)	ND (9100)	ND (2400)
Hexachloroethane	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Indeno(1,2,3- <i>cd</i>)pyrene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Isophorone	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Naphthalene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Nitrobenzene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
<i>N</i> -Nitrosodi- <i>n</i> -propylamine	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
<i>N</i> -Nitrosodiphenylamine	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Pentachlorophenol	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Phenanthrene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Phenol	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Pyrene	µg/kg	ND (800)	ND (520)	ND (540)	ND (530)	ND (1900)	ND (490)
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
1,1,2,2-Tetrachloroethane	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
1,1,2-Trichloroethane	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)

Table 1. (cont.)

Sample Location:		R1	SP1	SP1	SP2	SP3	SP4
Sample ID:		SD-100301-SK-007	SD-100701-SK-002	SD-100701-SK-003	SD-100701-SK-004	SD-100701-SK-005	SD-100701-SK-006
Sample Date:		10/3/2001	10/7/2001	10/7/2001	10/7/2001	10/7/2001	10/7/2001
Sample Time:		16:00	10:49	10:26	11:40	12:00	12:55
		10	10	10	10	10	10
Parameter	Unit	(dupl of SD-100701-SK-002)					
1,1-Dichloroethane	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
1,1-Dichloroethene	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
1,2,4-Trichlorobenzene	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	ND (24)	ND (16)	ND (16)	ND (16)	ND (57)	ND (15)
1,2-Dibromoethane (ethylene dibromide)	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
1,2-Dichlorobenzene	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
1,2-Dichloroethane	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
1,2-Dichloropropane	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
1,3-Dichlorobenzene	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	28 J	ND (7.4)
1,4-Dichlorobenzene	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	54	ND (7.4)
2-Butanone	µg/kg	10 J	ND (31)	ND (33)	ND (32)	19 J	ND (30)
2-Hexanone	µg/kg	ND (48)	ND (31) UJ	ND (33)	ND (32)	ND (110)	ND (30)
4-Methyl-2-pentanone	µg/kg	ND (48)	ND (31)	ND (33)	ND (32)	ND (110)	ND (30)
Acetone	µg/kg	23 J	5.6 J	21 J	5.1 J	100 J	17 J
Benzene	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Benzene, isopropyl	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Bromodichloromethane	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Bromoform	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Bromomethane	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Carbon disulfide	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Carbon tetrachloride	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Chlorobenzene	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	8.7 J	ND (7.4)
Chloroethane	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Chloroform (Trichloromethane)	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Chloromethane	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
cis-1,2-Dichloroethene	µg/kg	ND (6)	ND (3.9)	ND (4.1)	ND (4)	ND (14)	ND (3.7)
cis-1,3-Dichloropropene	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Cyclohexane	µg/kg	ND (24)	ND (16)	ND (16)	ND (16)	ND (57)	ND (15)
Dibromochloromethane	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Dichlorodifluoromethane (CFC-12)	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Ethylbenzene	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Methyl acetate	µg/kg	11 J	10 J	12 J	16	52 J	12 J
Methyl cyclohexane	µg/kg	ND (24)	ND (16)	ND (16)	ND (16)	ND (57)	ND (15)

Table 1. (cont.)

Sample Location:		R1	SP1	SP1	SP2	SP3	SP4
Sample ID:		SD-100301-SK-007	SD-100701-SK-002	SD-100701-SK-003	SD-100701-SK-004	SD-100701-SK-005	SD-100701-SK-006
Sample Date:		10/3/2001	10/7/2001	10/7/2001	10/7/2001	10/7/2001	10/7/2001
Sample Time:		16:00	10:49	10:26	11:40	12:00	12:55
		10	10	10	10	10	10
Parameter	Unit	(dupl of SD-100701-SK-002)					
Methyl <i>tert</i> -butyl ether	µg/kg	ND (48)	ND (31)	ND (33)	ND (32)	ND (110)	ND (30)
Methylene chloride	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Styrene	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Tetrachloroethene	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Toluene	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
<i>trans</i> -1,2-Dichloroethene	µg/kg	ND (6)	ND (3.9)	ND (4.1)	ND (4)	ND (14)	ND (3.7)
<i>trans</i> -1,3-Dichloropropene	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Trichloroethene	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Trichlorofluoromethane (CFC-11)	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Trifluorotrichloroethane (Freon 113)	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Vinyl chloride	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
Xylene (total)	µg/kg	ND (12)	ND (7.9)	ND (8.1)	ND (8)	ND (29)	ND (7.4)
General Chemistry							
Cyanide (amenable)	mg/kg	ND (1.2)	ND (0.79)	ND (0.81)	ND (0.8)	ND (2.9)	ND (0.74)
Cyanide (total)	mg/kg	ND (1.2)	ND (0.79)	ND (0.81)	ND (0.8)	1.1 J	ND (0.74)
Total organic carbon	mg/kg	52000	13000	12000	10000	49000	12000
Total solids	%	41.3	63.6	61.5	62.4	17.5	67.4

Table 1. (cont.)

Sample Location:		SP5	SP6	SP8	ST1	ST2-Q7	ST3
Sample ID:		SD-100701-SK-008	SD-100701-SK-009	SD-100701-SK-010	SD-100301-SK-004	SD-100701-SK-007	SD-100701-SK-001
Sample Date:		10/7/2001	10/7/2001	10/7/2001	10/3/2001	10/7/2001	10/7/2001
Sample Time:		16:09	16:23	16:43	12:29	16:35	09:55
		10	10	10	10	10	10
Parameter	Unit						
1,1-Dichloroethane	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
1,1-Dichloroethene	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
1,2,4-Trichlorobenzene	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	ND (14)	ND (16)	ND (19)	ND (14)	ND (81)	ND (20)
1,2-Dibromoethane (ethylene dibromide)	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
1,2-Dichlorobenzene	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
1,2-Dichloroethane	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
1,2-Dichloropropane	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
1,3-Dichlorobenzene	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
1,4-Dichlorobenzene	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
2-Butanone	µg/kg	ND (27)	ND (31)	ND (38)	ND (27)	ND (160)	ND (40)
2-Hexanone	µg/kg	ND (27)	ND (31)	ND (38)	ND (27)	ND (160)	ND (40)
4-Methyl-2-pentanone	µg/kg	ND (27)	ND (31)	ND (38)	ND (27)	ND (160)	ND (40)
Acetone	µg/kg	7.6 J	ND (31)	15 J	ND (27) UJ	98 J	12 J
Benzene	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Benzene, isopropyl	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Bromodichloromethane	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Bromoform	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Bromomethane	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Carbon disulfide	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	8.1 J	ND (9.9)
Carbon tetrachloride	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Chlorobenzene	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Chloroethane	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Chloroform (Trichloromethane)	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Chloromethane	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
cis-1,2-Dichloroethene	µg/kg	ND (3.4)	ND (3.9)	ND (4.7)	ND (3.4)	ND (20)	ND (5)
cis-1,3-Dichloropropene	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Cyclohexane	µg/kg	ND (14)	ND (16)	ND (19)	ND (14)	ND (81)	ND (20)
Dibromochloromethane	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Dichlorodifluoromethane (CFC-12)	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Ethylbenzene	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Methyl acetate	µg/kg	11 J	4.7 J	25	15	34 J	12 J
Methyl cyclohexane	µg/kg	ND (14)	ND (16)	ND (19)	ND (14)	ND (81)	ND (20)

Table 1. (cont.)

Sample Location:		SP5	SP6	SP8	ST1	ST2-Q7	ST3
Sample ID:		SD-100701-SK-008	SD-100701-SK-009	SD-100701-SK-010	SD-100301-SK-004	SD-100701-SK-007	SD-100701-SK-001
Sample Date:		10/7/2001	10/7/2001	10/7/2001	10/3/2001	10/7/2001	10/7/2001
Sample Time:		16:09	16:23	16:43	12:29	16:35	09:55
		10	10	10	10	10	10
Parameter	Unit						
Methyl <i>tert</i> -butyl ether	µg/kg	ND (27)	ND (31)	ND (38)	ND (27)	ND (160)	ND (40)
Methylene chloride	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Styrene	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Tetrachloroethene	µg/kg	1.8 J	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Toluene	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
<i>trans</i> -1,2-Dichloroethene	µg/kg	ND (3.4)	ND (3.9)	ND (4.7)	ND (3.4)	ND (20)	ND (5)
<i>trans</i> -1,3-Dichloropropene	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Trichloroethene	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Trichlorofluoromethane (CFC-11)	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Trifluorotrichloroethane (Freon 113)	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Vinyl chloride	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
Xylene (total)	µg/kg	ND (6.8)	ND (7.8)	ND (9.4)	ND (6.8)	ND (40)	ND (9.9)
General Chemistry							
Cyanide (amenable)	mg/kg	ND (0.68)	ND (0.78)	ND (0.94)	ND (0.68)	ND (4)	ND (0.99)
Cyanide (total)	mg/kg	ND (0.68)	ND (0.78)	0.4 J	ND (0.68)	ND (4)	ND (0.99)
Total organic carbon	mg/kg	13000	5800	30000	5600	100000	29000
Total solids	%	73.3	64.3	53	73.9	12.4	50.3

Table 1. (cont.)

Sample Location:		ST4	ST5	ST5	ST6	ST7	ST8
Sample ID:		SD-100301-SK-001	SD-100601-SK-005	SD-100601-SK-006	SD-100601-SK-004	SD-100601-SK-003	SD-100601-SK-001
Sample Date:		10/3/2001	10/6/2001	10/6/2001	10/6/2001	10/6/2001	10/6/2001
Sample Time:		10:48	18:00	18:00	17:00	12:30	10:07
		10	10	10	10	10	10
Parameter	Unit	(dupl of SD-100601-SK-005)					
Metals							
Aluminum	mg/kg	3960	4790	5660	5190	5410	4550
Antimony	mg/kg	1 J	ND (10.6)	ND (10.2)	ND (8.9)	ND (11.2)	ND (10.5)
Arsenic	mg/kg	21.4	4.7	4.9	8.7	6	5.3
Barium	mg/kg	59.5	41.4	39	51.1	56	40.7
Beryllium	mg/kg	0.81	0.24 J	0.22 J	0.48 J	0.26 J	0.25 J
Cadmium	mg/kg	1.2	0.63 J	0.6 J	0.78	0.68 J	0.59 J
Chromium	mg/kg	70.3	17.8	15.7	36.7	16.3	17.7
Cobalt	mg/kg	17.4	6.2 J	5.8 J	12.7	8.3 J	7.1 J
Copper	mg/kg	9.9	18.7	50.1	26.6	33.5	17.6
Iron	mg/kg	40200	9750	10200	21000	12800	11900
Lead	mg/kg	22	14.4	13.9	24.8	21.1	15.6
Manganese	mg/kg	866	469	436	635	694	422
Mercury	mg/kg	0.043 J	0.048 J	0.072 J	0.55	0.11 J	0.11 J
Nickel	mg/kg	36.9	29.2	9.4	15.1	13.6	11
Selenium	mg/kg	0.96	ND (0.88)	ND (0.85)	ND (0.74)	ND (0.94)	ND (0.88)
Silver	mg/kg	ND (1.3)	ND (1.8)	ND (1.7)	ND (1.5)	ND (1.9)	0.47 J
Thallium	mg/kg	ND (1.3)	ND (1.8)	ND (1.7)	ND (1.5)	ND (1.9)	ND (1.8)
Vanadium	mg/kg	53.4	14.2	14.8	27.7	17.5	17.8
Zinc	mg/kg	79.1	59.4	62	86	76.4	63.3
Polychlorinated Biphenyls							
Aroclor® 1016 (PCB-1016)	µg/kg	ND (440)	ND (1200)	ND (1100)	ND (980)	ND (3100)	ND (2900)
Aroclor® 1221 (PCB-1221)	µg/kg	ND (440)	ND (1200)	ND (1100)	1400	ND (3100)	6300
Aroclor® 1232 (PCB-1232)	µg/kg	ND (440)	ND (1200)	ND (1100)	ND (980)	ND (3100)	ND (2900)
Aroclor® 1242 (PCB-1242)	µg/kg	ND (440)	ND (1200)	ND (1100)	ND (980)	ND (3100)	ND (2900)
Aroclor® 1248 (PCB-1248)	µg/kg	6100	8800	6500	4400	35000	31000
Aroclor® 1254 (PCB-1254)	µg/kg	ND (440)	ND (1200)	ND (1100)	ND (980)	ND (3100)	ND (2900)
Aroclor® 1260 (PCB-1260)	µg/kg	ND (440)	ND (1200)	ND (1100)	ND (980)	ND (3100)	ND (2900)
Semivolatile Organic Compounds							
2,2'-oxybis(1-Chloropropane)	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
2,4,5-Trichlorophenol	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
2,4,6-Trichlorophenol	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)

Table 1. (cont.)

Sample Location:		ST4	ST5	ST5	ST6	ST7	ST8
Sample ID:		SD-100301-SK-001	SD-100601-SK-005	SD-100601-SK-006	SD-100601-SK-004	SD-100601-SK-003	SD-100601-SK-001
Sample Date:		10/3/2001	10/6/2001	10/6/2001	10/6/2001	10/6/2001	10/6/2001
Sample Time:		10:48	18:00	18:00	17:00	12:30	10:07
		10	10	10	10	10	10
Parameter	Unit	(dupl of SD-100601-SK-005)					
2,4-Dichlorophenol	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
2,4-Dimethylphenol	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
2,4-Dinitrophenol	µg/kg	ND (2100)	ND (2800)	ND (2700)	ND (2400)	ND (3000)	ND (2800)
2,4-Dinitrotoluene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
2,6-Dinitrotoluene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
2-Chloronaphthalene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
2-Chlorophenol	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
2-Methylnaphthalene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
2-Methylphenol	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
2-Nitroaniline	µg/kg	ND (2100)	ND (2800)	ND (2700)	ND (2400)	ND (3000)	ND (2800)
2-Nitrophenol	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
3,3'-Dichlorobenzidine	µg/kg	ND (2100)	ND (2800)	ND (2700)	ND (2400)	ND (3000)	ND (2800)
3-Nitroaniline	µg/kg	ND (2100)	ND (2800)	ND (2700)	ND (2400)	ND (3000)	ND (2800)
4,6-Dinitro-2-methylphenol	µg/kg	ND (2100)	ND (2800)	ND (2700)	ND (2400)	ND (3000)	ND (2800)
4-Bromophenyl phenyl ether	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
4-Chloro-3-methylphenol	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
4-Chloroaniline	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
4-Chlorophenyl phenyl ether	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
4-Methylphenol	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
4-Nitroaniline	µg/kg	ND (2100)	ND (2800)	ND (2700)	ND (2400)	ND (3000)	ND (2800)
4-Nitrophenol	µg/kg	ND (2100)	ND (2800)	ND (2700)	ND (2400)	ND (3000)	ND (2800)
Acenaphthene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Acenaphthylene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Acetophenone	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Anthracene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Atrazine	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Benzaldehyde	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Benz[a]anthracene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	170 J
Benzo[a]pyrene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	170 J
Benzo[b]fluoranthene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	190 J
Benzo[ghi]perylene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Benzo[k]fluoranthene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	95 J
Biphenyl	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)

Table 1. (cont.)

Sample Location:		ST4	ST5	ST5	ST6	ST7	ST8
Sample ID:		SD-100301-SK-001	SD-100601-SK-005	SD-100601-SK-006	SD-100601-SK-004	SD-100601-SK-003	SD-100601-SK-001
Sample Date:		10/3/2001	10/6/2001	10/6/2001	10/6/2001	10/6/2001	10/6/2001
Sample Time:		10:48	18:00	18:00	17:00	12:30	10:07
		10	10	10	10	10	10
Parameter	Unit	(dupl of SD-100601-SK-005)					
Bis[2-chloroethoxy]methane	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Bis[2-chloroethyl]ether	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Bis[2-ethylhexyl]phthalate	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Butyl benzylphthalate	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Caprolactam	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Carbazole	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Chrysene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	210 J
Dibenz[a,h]anthracene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Dibenzofuran	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Diethyl phthalate	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Dimethyl phthalate	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Di- <i>n</i> -butyl phthalate	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Di- <i>n</i> -octyl phthalate	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Fluoranthene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	440 J
Fluorene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Hexachlorobenzene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Hexachlorobutadiene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Hexachlorocyclopentadiene	µg/kg	ND (2100)	ND (2800)	ND (2700)	ND (2400)	ND (3000)	ND (2800)
Hexachloroethane	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Indeno(1,2,3- <i>cd</i>)pyrene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Isophorone	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Naphthalene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Nitrobenzene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
<i>N</i> -Nitrosodi- <i>n</i> -propylamine	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
<i>N</i> -Nitrosodiphenylamine	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Pentachlorophenol	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Phenanthrene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	310 J
Phenol	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	ND (580)
Pyrene	µg/kg	ND (440)	ND (580)	ND (560)	ND (490)	ND (620)	500 J
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
1,1,2,2-Tetrachloroethane	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
1,1,2-Trichloroethane	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)

Table 1. (cont.)

Sample Location:		ST4	ST5	ST5	ST6	ST7	ST8
Sample ID:		SD-100301-SK-001	SD-100601-SK-005	SD-100601-SK-006	SD-100601-SK-004	SD-100601-SK-003	SD-100601-SK-001
Sample Date:		10/3/2001	10/6/2001	10/6/2001	10/6/2001	10/6/2001	10/6/2001
Sample Time:		10:48	18:00	18:00	17:00	12:30	10:07
		10	10	10	10	10	10
Parameter	Unit	(dupl of SD-100601-SK-005)					
1,1-Dichloroethane	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
1,1-Dichloroethene	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
1,2,4-Trichlorobenzene	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	ND (13)	ND (18)	ND (17)	ND (15)	ND (19)	ND (18)
1,2-Dibromoethane (ethylene dibromide)	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
1,2-Dichlorobenzene	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
1,2-Dichloroethane	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
1,2-Dichloropropane	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
1,3-Dichlorobenzene	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
1,4-Dichlorobenzene	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
2-Butanone	µg/kg	ND (27)	ND (35) UJ	ND (34) UJ	ND (30) UJ	ND (37) UJ	ND (35)
2-Hexanone	µg/kg	ND (27)	ND (35) UJ	ND (34) UJ	ND (30) UJ	ND (37) UJ	ND (35)
4-Methyl-2-pentanone	µg/kg	ND (27)	ND (35)	ND (34)	ND (30)	ND (37)	ND (35)
Acetone	µg/kg	ND (27) UJ	ND (35) UJ	ND (34) UJ	ND (30) UJ	8.1 J	20 J
Benzene	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Benzene, isopropyl	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Bromodichloromethane	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Bromoform	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Bromomethane	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Carbon disulfide	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Carbon tetrachloride	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Chlorobenzene	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Chloroethane	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Chloroform (Trichloromethane)	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Chloromethane	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
cis-1,2-Dichloroethene	µg/kg	ND (3.3)	ND (4.4)	ND (4.3)	ND (3.7)	ND (4.7)	ND (4.4)
cis-1,3-Dichloropropene	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Cyclohexane	µg/kg	ND (13)	ND (18)	ND (17)	ND (15)	ND (19)	ND (18)
Dibromochloromethane	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Dichlorodifluoromethane (CFC-12)	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Ethylbenzene	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Methyl acetate	µg/kg	10 J	52	31	26	27	16 J
Methyl cyclohexane	µg/kg	ND (13)	ND (18)	ND (17)	ND (15)	ND (19)	ND (18)

Table 1. (cont.)

Sample Location:		ST4	ST5	ST5	ST6	ST7	ST8
Sample ID:		SD-100301-SK-001	SD-100601-SK-005	SD-100601-SK-006	SD-100601-SK-004	SD-100601-SK-003	SD-100601-SK-001
Sample Date:		10/3/2001	10/6/2001	10/6/2001	10/6/2001	10/6/2001	10/6/2001
Sample Time:		10:48	18:00	18:00	17:00	12:30	10:07
		10	10	10	10	10	10
Parameter	Unit	(dupl of SD-100601-SK-005)					
Methyl <i>tert</i> -butyl ether	µg/kg	ND (27)	ND (35)	ND (34)	ND (30)	ND (37)	ND (35)
Methylene chloride	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Styrene	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Tetrachloroethene	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Toluene	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
<i>trans</i> -1,2-Dichloroethene	µg/kg	ND (3.3)	ND (4.4)	ND (4.3)	ND (3.7)	ND (4.7)	ND (4.4)
<i>trans</i> -1,3-Dichloropropene	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Trichloroethene	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Trichlorofluoromethane (CFC-11)	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Trifluorotrichloroethane (Freon 113)	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Vinyl chloride	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
Xylene (total)	µg/kg	ND (6.6)	ND (8.8)	ND (8.5)	ND (7.4)	ND (9.4)	ND (8.8)
General Chemistry							
Cyanide (amenable)	mg/kg	ND (0.66)	ND (0.88)	ND (0.85)	ND (0.74)	ND (0.94)	ND (0.88)
Cyanide (total)	mg/kg	ND (0.66)	ND (0.88)	ND (0.85)	ND (0.74)	ND (0.94)	ND (0.88)
Total organic carbon	mg/kg	3600	16000	17000	9900	16000	16000
Total solids	%	75.4	56.7	58.6	67.2	53.5	56.9

Table 1. (cont.)

Sample Location:		ST9	ST10	ST11	ST12	ST13-C3	ST13-C4
Sample ID:		SD-100501-SK-006	SD-100501-SK-007	SD-100601-SK-002	SD-100501-SK-005	SD-100501-SK-003	SD-100501-SK-004
Sample Date:		10/5/2001	10/5/2001	10/6/2001	10/5/2001	10/5/2001	10/5/2001
Sample Time:		16:30	17:30	10:30	16:18	16:05	16:10
		10	10	10	10	0-10	10-20
Parameter	Unit						
Metals							
Aluminum	mg/kg	4710	5830	7430	5270	5320	5110
Antimony	mg/kg	ND (11.5) UJ	ND (12.9) UJ	ND (10.2)	ND (10.6) UJ	ND (10) UJ	ND (8.8) UJ
Arsenic	mg/kg	5.1	12	12.6	6.9	7.8	7
Barium	mg/kg	48.6	86.4	71.9	50.9	47.9	65.3
Beryllium	mg/kg	0.45 J	0.67 J	0.57 J	0.56 J	0.66 J	0.6 J
Cadmium	mg/kg	0.53 J	0.6 J	0.69 J	0.47 J	0.45 J	0.44 J
Chromium	mg/kg	22.6	25	37.1	23.5	40.5	31.2
Cobalt	mg/kg	9 J	13.2	14.5	9.2	10.5	10.7
Copper	mg/kg	21.3	10	10.5	16.2	20.5	13.8
Iron	mg/kg	12800	24500	28400	15900	21400	18500
Lead	mg/kg	17.9	19.2	21.8	17.4	20.6	20.4
Manganese	mg/kg	757	637	750	647	818	900
Mercury	mg/kg	0.25	ND (0.21) U	ND (0.17)	0.16 J	ND (0.17) U	0.098 J
Nickel	mg/kg	14.3	16.8	19.6	12.4	15.1	14.8
Selenium	mg/kg	0.65 J	2	ND (0.85)	0.66 J	0.66 J	0.53 J
Silver	mg/kg	0.45 J	ND (2.1)	ND (1.7)	0.27 J	ND (1.7)	0.27 J
Thallium	mg/kg	ND (1.9)	ND (2.1)	ND (1.7)	ND (1.8)	ND (1.7)	ND (1.5)
Vanadium	mg/kg	17.1	29.4	34.5	19.6	25.7	23.8
Zinc	mg/kg	83.8	69.6	77	70.9	74.7	75.4
Polychlorinated Biphenyls							
Aroclor [®] 1016 (PCB-1016)	µg/kg	ND (1300) UJ	ND (71) UJ	ND (56)	ND (5800)	ND (1100)	ND (480)
Aroclor [®] 1221 (PCB-1221)	µg/kg	ND (1300) UJ	ND (71) UJ	ND (56)	ND (5800)	ND (1100)	ND (480)
Aroclor [®] 1232 (PCB-1232)	µg/kg	ND (1300) UJ	ND (71) UJ	ND (56)	ND (5800)	ND (1100)	ND (480)
Aroclor [®] 1242 (PCB-1242)	µg/kg	8700 J	ND (71) UJ	ND (56)	16000	5400	3900
Aroclor [®] 1248 (PCB-1248)	µg/kg	ND (1300) UJ	ND (71) UJ	120	ND (5800)	ND (1100)	ND (480)
Aroclor [®] 1254 (PCB-1254)	µg/kg	ND (1300) UJ	ND (71) UJ	ND (56)	ND (5800)	ND (1100)	ND (480)
Aroclor [®] 1260 (PCB-1260)	µg/kg	ND (1300) UJ	ND (71) UJ	ND (56)	ND (5800)	ND (1100)	ND (480)
Semivolatile Organic Compounds							
2,2'-oxybis(1-Chloropropane)	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
2,4,5-Trichlorophenol	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
2,4,6-Trichlorophenol	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)

Table 1. (cont.)

Sample Location:		ST9	ST10	ST11	ST12	ST13-C3	ST13-C4
Sample ID:		SD-100501-SK-006	SD-100501-SK-007	SD-100601-SK-002	SD-100501-SK-005	SD-100501-SK-003	SD-100501-SK-004
Sample Date:		10/5/2001	10/5/2001	10/6/2001	10/5/2001	10/5/2001	10/5/2001
Sample Time:		16:30	17:30	10:30	16:18	16:05	16:10
		10	10	10	10	0-10	10-20
Parameter	Unit						
2,4-Dichlorophenol	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
2,4-Dimethylphenol	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
2,4-Dinitrophenol	µg/kg	ND (3100)	ND (3400)	ND (2700)	ND (2800)	ND (2700)	ND (2300)
2,4-Dinitrotoluene	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
2,6-Dinitrotoluene	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
2-Chloronaphthalene	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
2-Chlorophenol	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
2-Methylnaphthalene	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
2-Methylphenol	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
2-Nitroaniline	µg/kg	ND (3100)	ND (3400)	ND (2700)	ND (2800)	ND (2700)	ND (2300)
2-Nitrophenol	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
3,3'-Dichlorobenzidine	µg/kg	ND (3100)	ND (3400)	ND (2700)	ND (2800)	ND (2700)	ND (2300)
3-Nitroaniline	µg/kg	ND (3100)	ND (3400)	ND (2700)	ND (2800)	ND (2700)	ND (2300)
4,6-Dinitro-2-methylphenol	µg/kg	ND (3100)	ND (3400)	ND (2700)	ND (2800)	ND (2700)	ND (2300)
4-Bromophenyl phenyl ether	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
4-Chloro-3-methylphenol	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
4-Chloroaniline	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
4-Chlorophenyl phenyl ether	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
4-Methylphenol	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
4-Nitroaniline	µg/kg	ND (3100)	ND (3400)	ND (2700)	ND (2800)	ND (2700)	ND (2300)
4-Nitrophenol	µg/kg	ND (3100)	ND (3400)	ND (2700)	ND (2800)	ND (2700)	ND (2300)
Acenaphthene	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Acenaphthylene	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Acetophenone	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Anthracene	µg/kg	ND (630)	ND (710)	ND (560)	97 J	ND (550)	ND (480)
Atrazine	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Benzaldehyde	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Benz[a]anthracene	µg/kg	ND (630)	ND (710)	ND (560)	700	ND (550)	ND (480)
Benzo[a]pyrene	µg/kg	ND (630)	ND (710)	ND (560)	830	ND (550)	ND (480)
Benzo[b]fluoranthene	µg/kg	ND (630)	ND (710)	100 J	750	ND (550)	ND (480)
Benzo[ghi]perylene	µg/kg	ND (630)	ND (710)	ND (560)	470 J	ND (550)	ND (480)
Benzo[k]fluoranthene	µg/kg	ND (630)	ND (710)	ND (560)	380 J	ND (550)	ND (480)
Biphenyl	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)

Table 1. (cont.)

Sample Location:		ST9	ST10	ST11	ST12	ST13-C3	ST13-C4
Sample ID:		SD-100501-SK-006	SD-100501-SK-007	SD-100601-SK-002	SD-100501-SK-005	SD-100501-SK-003	SD-100501-SK-004
Sample Date:		10/5/2001	10/5/2001	10/6/2001	10/5/2001	10/5/2001	10/5/2001
Sample Time:		16:30	17:30	10:30	16:18	16:05	16:10
		10	10	10	10	0-10	10-20
Parameter	Unit						
Bis[2-chloroethoxy]methane	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Bis[2-chloroethyl]ether	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Bis[2-ethylhexyl]phthalate	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Butyl benzylphthalate	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Caprolactam	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Carbazole	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Chrysene	µg/kg	ND (630)	ND (710)	90 J	740	ND (550)	ND (480)
Dibenz[a,h]anthracene	µg/kg	ND (630)	ND (710)	ND (560)	150 J	ND (550)	ND (480)
Dibenzofuran	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Diethyl phthalate	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Dimethyl phthalate	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Di- <i>n</i> -butyl phthalate	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Di- <i>n</i> -octyl phthalate	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Fluoranthene	µg/kg	ND (630)	ND (710)	180 J	840	ND (550)	ND (480)
Fluorene	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Hexachlorobenzene	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Hexachlorobutadiene	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Hexachlorocyclopentadiene	µg/kg	ND (3100)	ND (3400)	ND (2700)	ND (2800)	ND (2700)	ND (2300)
Hexachloroethane	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Indeno(1,2,3-cd)pyrene	µg/kg	ND (630)	ND (710)	ND (560)	440 J	ND (550)	ND (480)
Isophorone	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Naphthalene	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Nitrobenzene	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
<i>N</i> -Nitrosodi- <i>n</i> -propylamine	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
<i>N</i> -Nitrosodiphenylamine	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Pentachlorophenol	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Phenanthrene	µg/kg	ND (630)	ND (710)	ND (560)	330 J	ND (550)	ND (480)
Phenol	µg/kg	ND (630)	ND (710)	ND (560)	ND (580)	ND (550)	ND (480)
Pyrene	µg/kg	ND (630)	ND (710)	220 J	700	ND (550)	ND (480)
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
1,1,2,2-Tetrachloroethane	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
1,1,2-Trichloroethane	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)

Table 1. (cont.)

Sample Location:		ST9	ST10	ST11	ST12	ST13-C3	ST13-C4
Sample ID:		SD-100501-SK-006	SD-100501-SK-007	SD-100601-SK-002	SD-100501-SK-005	SD-100501-SK-003	SD-100501-SK-004
Sample Date:		10/5/2001	10/5/2001	10/6/2001	10/5/2001	10/5/2001	10/5/2001
Sample Time:		16:30	17:30	10:30	16:18	16:05	16:10
		10	10	10	10	0-10	10-20
Parameter	Unit						
1,1-Dichloroethane	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
1,1-Dichloroethene	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
1,2,4-Trichlorobenzene	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	ND (19)	ND (21)	ND (17)	ND (18)	ND (17)	ND (15)
1,2-Dibromoethane (ethylene dibromide)	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
1,2-Dichlorobenzene	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
1,2-Dichloroethane	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
1,2-Dichloropropane	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
1,3-Dichlorobenzene	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
1,4-Dichlorobenzene	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
2-Butanone	µg/kg	ND (38) UJ	ND (43) UJ	ND (34) UJ	ND (35) UJ	ND (33) UJ	5 J
2-Hexanone	µg/kg	ND (38) UJ	ND (43) UJ	ND (34) UJ	ND (35) UJ	ND (33) UJ	ND (29) UJ
4-Methyl-2-pentanone	µg/kg	ND (38)	ND (43)	ND (34)	ND (35)	ND (33)	ND (29)
Acetone	µg/kg	5.3 J	9.8 J	12 J	ND (35) UJ	ND (33) UJ	14 J
Benzene	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Benzene, isopropyl	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Bromodichloromethane	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Bromoform	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Bromomethane	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Carbon disulfide	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Carbon tetrachloride	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Chlorobenzene	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Chloroethane	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Chloroform (Trichloromethane)	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Chloromethane	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
cis-1,2-Dichloroethene	µg/kg	ND (4.8)	ND (5.4)	ND (4.2)	ND (4.4)	ND (4.2)	ND (3.7)
cis-1,3-Dichloropropene	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Cyclohexane	µg/kg	ND (19)	ND (21)	ND (17)	ND (18)	ND (17)	ND (15)
Dibromochloromethane	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Dichlorodifluoromethane (CFC-12)	µg/kg	ND (9.6) UJ	ND (11)	ND (8.5)	ND (8.8) UJ	ND (8.3) UJ	ND (7.3) UJ
Ethylbenzene	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Methyl acetate	µg/kg	ND (19)	15 J	8.7 J	ND (18)	ND (17)	ND (15)
Methyl cyclohexane	µg/kg	ND (19)	ND (21)	ND (17)	ND (18)	ND (17)	ND (15)

Table 1. (cont.)

Sample Location:		ST9	ST10	ST11	ST12	ST13-C3	ST13-C4
Sample ID:		SD-100501-SK-006	SD-100501-SK-007	SD-100601-SK-002	SD-100501-SK-005	SD-100501-SK-003	SD-100501-SK-004
Sample Date:		10/5/2001	10/5/2001	10/6/2001	10/5/2001	10/5/2001	10/5/2001
Sample Time:		16:30	17:30	10:30	16:18	16:05	16:10
		10	10	10	10	0-10	10-20
Parameter	Unit						
Methyl <i>tert</i> -butyl ether	µg/kg	ND (38)	ND (43)	ND (34)	ND (35)	ND (33)	ND (29)
Methylene chloride	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Styrene	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Tetrachloroethene	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Toluene	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
<i>trans</i> -1,2-Dichloroethene	µg/kg	ND (4.8)	ND (5.4)	ND (4.2)	ND (4.4)	ND (4.2)	ND (3.7)
<i>trans</i> -1,3-Dichloropropene	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Trichloroethene	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Trichlorofluoromethane (CFC-11)	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Trifluorotrichloroethane (Freon 113)	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Vinyl chloride	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
Xylene (total)	µg/kg	ND (9.6)	ND (11)	ND (8.5)	ND (8.8)	ND (8.3)	ND (7.3)
General Chemistry							
Cyanide (amenable)	mg/kg	ND (0.96)	ND (1.1)	ND (0.85)	ND (0.88)	ND (0.83)	ND (0.73)
Cyanide (total)	mg/kg	ND (0.96)	ND (1.1)	ND (0.85)	ND (0.88)	ND (0.83)	ND (0.73)
Total organic carbon	mg/kg	19000	23000	14000	14000	11000	18000
Total solids	%	52.3	46.6	58.9	56.8	-	68.4

Table 1. (cont.)

Sample Location:		ST14-C2	ST14-C3	ST15	ST16n	ST16s	ST18
Sample ID:		SD-100501-SK-002	SD-100501-SK-003	SD-100501-SK-001	SD-100401-SK-017	SD-100401-SK-019	SD-100401-SK-003
Sample Date:		10/5/2001	10/5/2001	10/5/2001	10/4/2001	10/4/2001	10/4/2001
Sample Time:		10:30	11:59	09:52	16:30	17:05	10:22
		0-10	10-20	10	10	10	10
Parameter	Unit						
Metals							
Aluminum	mg/kg	6750	7180	4980	6440	12300	7520
Antimony	mg/kg	ND (11.4) UJ	ND (10) UJ	ND (10.6) UJ	ND (9.6) UJ	ND (10.2) UJ	ND (10.4) UJ
Arsenic	mg/kg	7.5	6.4	5.4	7.1	14.9	10.2
Barium	mg/kg	81.7	92.2	47.9	62	142	96.6
Beryllium	mg/kg	0.6 J	0.63 J	0.44 J	0.65 J	1.3	0.81 J
Cadmium	mg/kg	0.58 J	0.45 J	0.44 J	0.61 J	0.76 J	0.65 J
Chromium	mg/kg	17.3	16.2	19.3	19.1	19.4	18
Cobalt	mg/kg	10.6	9.5	7 J	11.1	17.9	11.3
Copper	mg/kg	15.2	11.6	11.8	9.8	17	11.3
Iron	mg/kg	17000	16000	13700	19900	28800	19800
Lead	mg/kg	18.2	91	13.7	18.6	26.3	19.2
Manganese	mg/kg	1120	803	1090	982	1440	1970
Mercury	mg/kg	ND (0.19)	ND (0.17) U	0.087 J	0.041 J	0.06 J	0.039 J
Nickel	mg/kg	13.9	14.4	9.7	13.4	20.9	13.3
Selenium	mg/kg	ND (0.95)	0.53 J	ND (0.88)	ND (0.8)	ND (0.85)	ND (0.87)
Silver	mg/kg	ND (1.9)	ND (1.7)	ND (1.8)	ND (1.6)	ND (1.7)	ND (1.7)
Thallium	mg/kg	ND (1.9) U	ND (1.7)	ND (1.8)	ND (1.6)	ND (1.7)	ND (1.7)
Vanadium	mg/kg	21.4	21.9	16.6	21.9	40.9	24.9
Zinc	mg/kg	82.8	64.4	56.5	64.4	78.3	59.8
Polychlorinated Biphenyls							
Aroclor® 1016 (PCB-1016)	µg/kg	ND (62)	ND (55)	ND (290)	ND (110)	ND (110)	ND (110)
Aroclor® 1221 (PCB-1221)	µg/kg	ND (62)	ND (55)	ND (290)	ND (110)	ND (110)	ND (110)
Aroclor® 1232 (PCB-1232)	µg/kg	ND (62)	ND (55)	ND (290)	ND (110)	ND (110)	ND (110)
Aroclor® 1242 (PCB-1242)	µg/kg	ND (62)	410	ND (290)	ND (110)	ND (110)	ND (110)
Aroclor® 1248 (PCB-1248)	µg/kg	810	ND (55)	1700	870	720	470
Aroclor® 1254 (PCB-1254)	µg/kg	ND (62)	ND (55)	ND (290)	ND (110)	ND (110)	ND (110)
Aroclor® 1260 (PCB-1260)	µg/kg	ND (62)	45 J	ND (290)	ND (110)	ND (110)	ND (110)
Semivolatile Organic Compounds							
2,2'-oxybis(1-Chloropropane)	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
2,4,5-Trichlorophenol	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
2,4,6-Trichlorophenol	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)

Table 1. (cont.)

Sample Location:		ST14-C2	ST14-C3	ST15	ST16n	ST16s	ST18
Sample ID:		SD-100501-SK-002	SD-100501-SK-003	SD-100501-SK-001	SD-100401-SK-017	SD-100401-SK-019	SD-100401-SK-003
Sample Date:		10/5/2001	10/5/2001	10/5/2001	10/4/2001	10/4/2001	10/4/2001
Sample Time:		10:30	11:59	09:52	16:30	17:05	10:22
		0-10	10-20	10	10	10	10
Parameter	Unit						
2,4-Dichlorophenol	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
2,4-Dimethylphenol	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
2,4-Dinitrophenol	µg/kg	ND (3000)	ND (2700)	ND (2800)	ND (2600)	ND (2700)	ND (2800)
2,4-Dinitrotoluene	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
2,6-Dinitrotoluene	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
2-Chloronaphthalene	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
2-Chlorophenol	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
2-Methylnaphthalene	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
2-Methylphenol	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
2-Nitroaniline	µg/kg	ND (3000)	ND (2700)	ND (2800)	ND (2600)	ND (2700)	ND (2800)
2-Nitrophenol	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
3,3'-Dichlorobenzidine	µg/kg	ND (3000)	ND (2700)	ND (2800)	ND (2600)	ND (2700)	ND (2800)
3-Nitroaniline	µg/kg	ND (3000)	ND (2700)	ND (2800)	ND (2600)	ND (2700)	ND (2800)
4,6-Dinitro-2-methylphenol	µg/kg	ND (3000)	ND (2700)	ND (2800)	ND (2600)	ND (2700)	ND (2800)
4-Bromophenyl phenyl ether	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
4-Chloro-3-methylphenol	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
4-Chloroaniline	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
4-Chlorophenyl phenyl ether	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
4-Methylphenol	µg/kg	ND (620)	ND (550)	150 J	ND (530)	ND (560)	ND (570)
4-Nitroaniline	µg/kg	ND (3000)	ND (2700)	ND (2800)	ND (2600)	ND (2700)	ND (2800)
4-Nitrophenol	µg/kg	ND (3000)	ND (2700)	ND (2800)	ND (2600)	ND (2700)	ND (2800)
Acenaphthene	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Acenaphthylene	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Acetophenone	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Anthracene	µg/kg	ND (620)	100 J	ND (580)	ND (530)	ND (560)	ND (570)
Atrazine	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Benzaldehyde	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Benz[a]anthracene	µg/kg	ND (620)	210 J	ND (580)	ND (530)	ND (560)	ND (570)
Benzo[a]pyrene	µg/kg	ND (620)	190 J	ND (580)	ND (530)	ND (560)	ND (570)
Benzo[b]fluoranthene	µg/kg	ND (620)	160 J	ND (580)	ND (530)	ND (560)	ND (570)
Benzo[ghi]perylene	µg/kg	ND (620)	120 J	ND (580)	ND (530)	ND (560)	ND (570)
Benzo[k]fluoranthene	µg/kg	ND (620)	130 J	ND (580)	ND (530)	ND (560)	ND (570)
Biphenyl	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)

Table 1. (cont.)

Sample Location:		ST14-C2	ST14-C3	ST15	ST16n	ST16s	ST18
Sample ID:		SD-100501-SK-002	SD-100501-SK-003	SD-100501-SK-001	SD-100401-SK-017	SD-100401-SK-019	SD-100401-SK-003
Sample Date:		10/5/2001	10/5/2001	10/5/2001	10/4/2001	10/4/2001	10/4/2001
Sample Time:		10:30	11:59	09:52	16:30	17:05	10:22
		0-10	10-20	10	10	10	10
Parameter	Unit						
Bis[2-chloroethoxy]methane	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Bis[2-chloroethyl]ether	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Bis[2-ethylhexyl]phthalate	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Butyl benzylphthalate	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Caprolactam	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Carbazole	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Chrysene	µg/kg	ND (620)	240 J	ND (580)	ND (530)	ND (560)	ND (570)
Dibenz[a,h]anthracene	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Dibenzofuran	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Diethyl phthalate	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Dimethyl phthalate	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Di- <i>n</i> -butyl phthalate	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Di- <i>n</i> -octyl phthalate	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Fluoranthene	µg/kg	ND (620)	610	ND (580)	ND (530)	ND (560)	ND (570)
Fluorene	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Hexachlorobenzene	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Hexachlorobutadiene	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Hexachlorocyclopentadiene	µg/kg	ND (3000)	ND (2700)	ND (2800)	ND (2600)	ND (2700)	ND (2800)
Hexachloroethane	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Indeno(1,2,3-cd)pyrene	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Isophorone	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Naphthalene	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Nitrobenzene	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
<i>N</i> -Nitrosodi- <i>n</i> -propylamine	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
<i>N</i> -Nitrosodiphenylamine	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Pentachlorophenol	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Phenanthrene	µg/kg	ND (620)	530 J	ND (580)	ND (530)	ND (560)	ND (570)
Phenol	µg/kg	ND (620)	ND (550)	ND (580)	ND (530)	ND (560)	ND (570)
Pyrene	µg/kg	ND (620)	430 J	ND (580)	ND (530)	ND (560)	ND (570)
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
1,1,2,2-Tetrachloroethane	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
1,1,2-Trichloroethane	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)

Table 1. (cont.)

Sample Location:		ST14-C2	ST14-C3	ST15	ST16n	ST16s	ST18
Sample ID:		SD-100501-SK-002	SD-100501-SK-003	SD-100501-SK-001	SD-100401-SK-017	SD-100401-SK-019	SD-100401-SK-003
Sample Date:		10/5/2001	10/5/2001	10/5/2001	10/4/2001	10/4/2001	10/4/2001
Sample Time:		10:30	11:59	09:52	16:30	17:05	10:22
		0-10	10-20	10	10	10	10
Parameter	Unit						
1,1-Dichloroethane	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
1,1-Dichloroethene	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
1,2,4-Trichlorobenzene	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	ND (19)	ND (17)	ND (18)	ND (16)	ND (17)	ND (17)
1,2-Dibromoethane (ethylene dibromide)	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
1,2-Dichlorobenzene	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
1,2-Dichloroethane	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
1,2-Dichloropropane	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
1,3-Dichlorobenzene	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
1,4-Dichlorobenzene	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
2-Butanone	µg/kg	5.8 J	6.8 J	ND (35)	4.4 J	ND (34)	ND (35)
2-Hexanone	µg/kg	ND (38)	ND (33) UJ	ND (35)	ND (32)	ND (34)	ND (35)
4-Methyl-2-pentanone	µg/kg	ND (38)	ND (33)	ND (35)	ND (32)	ND (34)	ND (35)
Acetone	µg/kg	18 J	60 J	8.1 J	10 J	ND (34)	6.7 J
Benzene	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Benzene, isopropyl	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Bromodichloromethane	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Bromoform	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Bromomethane	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Carbon disulfide	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Carbon tetrachloride	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Chlorobenzene	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Chloroethane	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Chloroform (Trichloromethane)	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Chloromethane	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
cis-1,2-Dichloroethene	µg/kg	ND (4.7)	ND (4.2)	ND (4.4)	ND (4)	ND (4.3)	ND (4.4)
cis-1,3-Dichloropropene	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Cyclohexane	µg/kg	ND (19)	ND (17)	ND (18)	ND (16)	ND (17)	ND (17)
Dibromochloromethane	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Dichlorodifluoromethane (CFC-12)	µg/kg	ND (9.5)	ND (8.3) UJ	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Ethylbenzene	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Methyl acetate	µg/kg	40	ND (17)	46	3.6 J	19	7.9 J
Methyl cyclohexane	µg/kg	ND (19)	ND (17)	ND (18)	ND (16)	ND (17)	ND (17)

Table 1. (cont.)

Sample Location:		ST14-C2	ST14-C3	ST15	ST16n	ST16s	ST18
Sample ID:		SD-100501-SK-002	SD-100501-SK-003	SD-100501-SK-001	SD-100401-SK-017	SD-100401-SK-019	SD-100401-SK-003
Sample Date:		10/5/2001	10/5/2001	10/5/2001	10/4/2001	10/4/2001	10/4/2001
Sample Time:		10:30	11:59	09:52	16:30	17:05	10:22
		0-10	10-20	10	10	10	10
Parameter	Unit						
Methyl <i>tert</i> -butyl ether	µg/kg	ND (38)	ND (33)	ND (35)	ND (32)	ND (34)	ND (35)
Methylene chloride	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Styrene	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Tetrachloroethene	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Toluene	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
<i>trans</i> -1,2-Dichloroethene	µg/kg	ND (4.7)	ND (4.2)	ND (4.4)	ND (4)	ND (4.3)	ND (4.4)
<i>trans</i> -1,3-Dichloropropene	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Trichloroethene	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Trichlorofluoromethane (CFC-11)	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Trifluorotrichloroethane (Freon 113)	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Vinyl chloride	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
Xylene (total)	µg/kg	ND (9.5)	ND (8.3)	ND (8.8)	ND (8)	ND (8.5)	ND (8.7)
General Chemistry							
Cyanide (amenable)	mg/kg	ND (0.95)	-	ND (0.88)	ND (0.8)	ND (0.85)	ND (0.87)
Cyanide (total)	mg/kg	ND (0.95)	-	ND (0.88)	ND (0.8)	ND (0.85)	ND (0.87)
Total organic carbon	mg/kg	18000	-	15000	16000	7200	15000
Total solids	%	52.9	59.9	56.6	62.5	58.8	57.4

Table 1. (cont.)

Sample Location:		ST18A	ST19	ST19	ST20	ST20
Sample ID:		SD-100401-SK-014	SD-100301-SK-008	SD-100301-SK-009	SD-100401-CK-010	SD-100401-CK-011
Sample Date:		10/4/2001	10/3/2001	10/3/2001	10/4/2001	10/4/2001
Sample Time:		14:22	17:43	17:46	14:30	00:00
		10	10	10	12	12
Parameter	Unit	(dupl of SD-100301-SK-008)			(dupl of SD-100401-CK-010)	
Metals						
Aluminum	mg/kg	9840	8080	8720	9350	10000
Antimony	mg/kg	ND (9.8) UJ	ND (11)	ND (11.7)	ND (12.2) UJ	ND (13.1) UJ
Arsenic	mg/kg	12.9	6.2	8.2	6.1	6.1
Barium	mg/kg	115	77	86.6	88	99.5
Beryllium	mg/kg	1.1	0.69 J	0.77 J	0.65 J	0.74 J
Cadmium	mg/kg	0.66 J	0.67 J	0.72 J	0.47 J	0.5 J
Chromium	mg/kg	18.1	14.3	16.7	14.3	16
Cobalt	mg/kg	14.2	9.9	11.5	9.8 J	10.6 J
Copper	mg/kg	21.6	14.7	16.5	13.6	15.8
Iron	mg/kg	29300	16500	20500	19100	20800
Lead	mg/kg	22	17.2	22.5	21	24
Manganese	mg/kg	1810	703	889	1240	1370
Mercury	mg/kg	0.029 J	0.075 J	0.094 J	0.04 J	0.038 J
Nickel	mg/kg	18.9	15.3	17.4	16.4	18
Selenium	mg/kg	ND (0.82)	0.73 J	0.85 J	ND (1)	0.95 J
Silver	mg/kg	ND (1.6)	ND (1.8)	ND (2)	ND (2)	ND (2.2)
Thallium	mg/kg	ND (1.6)	ND (1.8)	ND (2)	ND (2)	ND (2.2)
Vanadium	mg/kg	34.8	22	24.9	20.8	23.1
Zinc	mg/kg	70.4	71.5	78.4	85	95.7
Polychlorinated Biphenyls						
Aroclor® 1016 (PCB-1016)	µg/kg	ND (54)	ND (600)	ND (130)	ND (67)	ND (72)
Aroclor® 1221 (PCB-1221)	µg/kg	ND (54)	ND (600)	ND (130)	ND (67)	ND (72)
Aroclor® 1232 (PCB-1232)	µg/kg	ND (54)	ND (600)	ND (130)	ND (67)	ND (72)
Aroclor® 1242 (PCB-1242)	µg/kg	ND (54)	1600	730	ND (67)	ND (72)
Aroclor® 1248 (PCB-1248)	µg/kg	230	ND (600)	ND (130)	37 J	19 J
Aroclor® 1254 (PCB-1254)	µg/kg	ND (54)	ND (600)	ND (130)	ND (67)	ND (72)
Aroclor® 1260 (PCB-1260)	µg/kg	ND (54)	ND (600)	ND (130)	ND (67)	ND (72)
Semivolatile Organic Compounds						
2,2'-oxybis(1-Chloropropane)	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
2,4,5-Trichlorophenol	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
2,4,6-Trichlorophenol	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)

Table 1. (cont.)

Sample Location:		ST18A	ST19	ST19	ST20	ST20
Sample ID:		SD-100401-SK-014	SD-100301-SK-008	SD-100301-SK-009	SD-100401-CK-010	SD-100401-CK-011
Sample Date:		10/4/2001	10/3/2001	10/3/2001	10/4/2001	10/4/2001
Sample Time:		14:22	17:43	17:46	14:30	00:00
		10	10	10	12	12
Parameter	Unit	(dupl of SD-100301-SK-008)			(dupl of SD-100401-CK-010)	
2,4-Dichlorophenol	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
2,4-Dimethylphenol	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
2,4-Dinitrophenol	µg/kg	ND (2600)	ND (2900)	ND (3100)	ND (3200)	ND (3500)
2,4-Dinitrotoluene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
2,6-Dinitrotoluene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
2-Chloronaphthalene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
2-Chlorophenol	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
2-Methylnaphthalene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
2-Methylphenol	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
2-Nitroaniline	µg/kg	ND (2600)	ND (2900)	ND (3100)	ND (3200)	ND (3500)
2-Nitrophenol	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
3,3'-Dichlorobenzidine	µg/kg	ND (2600)	ND (2900)	ND (3100)	ND (3200)	ND (3500)
3-Nitroaniline	µg/kg	ND (2600)	ND (2900)	ND (3100)	ND (3200)	ND (3500)
4,6-Dinitro-2-methylphenol	µg/kg	ND (2600)	ND (2900)	ND (3100)	ND (3200)	ND (3500)
4-Bromophenyl phenyl ether	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
4-Chloro-3-methylphenol	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
4-Chloroaniline	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
4-Chlorophenyl phenyl ether	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
4-Methylphenol	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
4-Nitroaniline	µg/kg	ND (2600)	ND (2900)	ND (3100)	ND (3200)	ND (3500)
4-Nitrophenol	µg/kg	ND (2600)	ND (2900)	ND (3100)	ND (3200)	ND (3500)
Acenaphthene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Acenaphthylene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Acetophenone	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Anthracene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Atrazine	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Benzaldehyde	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Benz[a]anthracene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Benzo[a]pyrene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Benzo[b]fluoranthene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Benzo[ghi]perylene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Benzo[k]fluoranthene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Biphenyl	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)

Table 1. (cont.)

Sample Location:		ST18A	ST19	ST19	ST20	ST20
Sample ID:		SD-100401-SK-014	SD-100301-SK-008	SD-100301-SK-009	SD-100401-CK-010	SD-100401-CK-011
Sample Date:		10/4/2001	10/3/2001	10/3/2001	10/4/2001	10/4/2001
Sample Time:		14:22	17:43	17:46	14:30	00:00
		10	10	10	12	12
Parameter	Unit	(dupl of SD-100301-SK-008)			(dupl of SD-100401-CK-010)	
Bis[2-chloroethoxy]methane	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Bis[2-chloroethyl]ether	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Bis[2-ethylhexyl]phthalate	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Butyl benzylphthalate	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Caprolactam	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Carbazole	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Chrysene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Dibenz[a,h]anthracene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Dibenzofuran	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Diethyl phthalate	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Dimethyl phthalate	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Di- <i>n</i> -butyl phthalate	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Di- <i>n</i> -octyl phthalate	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Fluoranthene	µg/kg	ND (540)	ND (600)	ND (640)	110 J	ND (720)
Fluorene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Hexachlorobenzene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Hexachlorobutadiene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Hexachlorocyclopentadiene	µg/kg	ND (2600)	ND (2900)	ND (3100)	ND (3200)	ND (3500)
Hexachloroethane	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Indeno(1,2,3- <i>cd</i>)pyrene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Isophorone	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Naphthalene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Nitrobenzene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
<i>N</i> -Nitrosodi- <i>n</i> -propylamine	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
<i>N</i> -Nitrosodiphenylamine	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Pentachlorophenol	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Phenanthrene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Phenol	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Pyrene	µg/kg	ND (540)	ND (600)	ND (640)	ND (670)	ND (720)
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
1,1,2,2-Tetrachloroethane	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
1,1,2-Trichloroethane	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)

Table 1. (cont.)

Sample Location:		ST18A	ST19	ST19	ST20	ST20
Sample ID:		SD-100401-SK-014	SD-100301-SK-008	SD-100301-SK-009	SD-100401-CK-010	SD-100401-CK-011
Sample Date:		10/4/2001	10/3/2001	10/3/2001	10/4/2001	10/4/2001
Sample Time:		14:22	17:43	17:46	14:30	00:00
		10	10	10	12	12
Parameter	Unit	(dupl of SD-100301-SK-008)		(dupl of SD-100401-CK-010)		
1,1-Dichloroethane	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
1,1-Dichloroethene	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
1,2,4-Trichlorobenzene	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	ND (16)	ND (18)	ND (20)	ND (20)	ND (22)
1,2-Dibromoethane (ethylene dibromide)	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
1,2-Dichlorobenzene	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
1,2-Dichloroethane	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
1,2-Dichloropropane	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
1,3-Dichlorobenzene	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
1,4-Dichlorobenzene	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
2-Butanone	µg/kg	ND (33)	6.1 J	6.3 J	5.8 J	ND (44)
2-Hexanone	µg/kg	ND (33)	ND (37)	ND (39)	ND (41)	ND (44)
4-Methyl-2-pentanone	µg/kg	ND (33)	ND (37)	ND (39)	ND (41)	ND (44)
Acetone	µg/kg	12 J	17 J	18 J	14 J	13 J
Benzene	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Benzene, isopropyl	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Bromodichloromethane	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Bromoform	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Bromomethane	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Carbon disulfide	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Carbon tetrachloride	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Chlorobenzene	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Chloroethane	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Chloroform (Trichloromethane)	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Chloromethane	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
cis-1,2-Dichloroethene	µg/kg	ND (4.1)	ND (4.6)	ND (4.9)	ND (5.1)	ND (5.4)
cis-1,3-Dichloropropene	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Cyclohexane	µg/kg	ND (16)	ND (18)	ND (20)	ND (20)	ND (22)
Dibromochloromethane	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Dichlorodifluoromethane (CFC-12)	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Ethylbenzene	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Methyl acetate	µg/kg	6.8 J	6.7 J	8.6 J	8.6 J	10 J
Methyl cyclohexane	µg/kg	ND (16)	ND (18)	ND (20)	ND (20)	ND (22)

Table 1. (cont.)

Sample Location:		ST18A	ST19	ST19	ST20	ST20
Sample ID:		SD-100401-SK-014	SD-100301-SK-008	SD-100301-SK-009	SD-100401-CK-010	SD-100401-CK-011
Sample Date:		10/4/2001	10/3/2001	10/3/2001	10/4/2001	10/4/2001
Sample Time:		14:22	17:43	17:46	14:30	00:00
		10	10	10	12	12
Parameter	Unit	(dupl of SD-100301-SK-008)			(dupl of SD-100401-CK-010)	
Methyl <i>tert</i> -butyl ether	µg/kg	ND (33)	ND (37)	ND (39)	ND (41)	ND (44)
Methylene chloride	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Styrene	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Tetrachloroethene	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Toluene	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
<i>trans</i> -1,2-Dichloroethene	µg/kg	ND (4.1)	ND (4.6)	ND (4.9)	ND (5.1)	ND (5.4)
<i>trans</i> -1,3-Dichloropropene	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Trichloroethene	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Trichlorofluoromethane (CFC-11)	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Trifluorotrichloroethane (Freon 113)	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Vinyl chloride	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
Xylene (total)	µg/kg	ND (8.2)	ND (9.1)	ND (9.8)	ND (10)	ND (11)
General Chemistry						
Cyanide (amenable)	mg/kg	ND (0.82)	ND (0.91)	ND (0.98)	ND (1)	ND (1.1)
Cyanide (total)	mg/kg	ND (0.82)	ND (0.91)	ND (0.98)	ND (1)	ND (1.1)
Total organic carbon	mg/kg	11000	27000	32000	16000	22000
Total solids	%	61.2	54.8	51.2	49.4	45.9

Table 1. (cont.)

Sample Location:		ST21	ST22	ST23
Sample ID:		SD-100401-CK-023	SD-100401-CK-009	SD-100401-CK-008
Sample Date:		10/4/2001	10/4/2001	10/4/2001
Sample Time:		16:00	13:45	12:30
		15	10	6
Parameter	Unit			
Metals				
Aluminum	mg/kg	8590	8610	8450
Antimony	mg/kg	ND (11.5) UJ	ND (11.9) UJ	ND (12.8)
Arsenic	mg/kg	5.3	5.6	6.3
Barium	mg/kg	82.7	86	76.8
Beryllium	mg/kg	0.65 J	0.66 J	0.58 J
Cadmium	mg/kg	0.38 J	0.42 J	0.41 J
Chromium	mg/kg	14.2	13.8	13.6
Cobalt	mg/kg	9.6	10	9.5 J
Copper	mg/kg	12.8	13.9	22.3
Iron	mg/kg	18500	18900	17400
Lead	mg/kg	19.9	20	19
Manganese	mg/kg	1080	1150	1010
Mercury	mg/kg	0.077 J	0.062 J	ND (0.21) U
Nickel	mg/kg	16	16.2 J	15.1 J
Selenium	mg/kg	ND (0.96)	0.66 J	0.87 J
Silver	mg/kg	ND (1.9)	ND (2)	ND (2.1)
Thallium	mg/kg	ND (1.9)	ND (2)	ND (2.1)
Vanadium	mg/kg	19.5	19.9	18.7
Zinc	mg/kg	80.9	82.4	84.5
Polychlorinated Biphenyls				
Aroclor® 1016 (PCB-1016)	µg/kg	ND (63)	ND (65)	ND (71)
Aroclor® 1221 (PCB-1221)	µg/kg	ND (63)	ND (65)	ND (71)
Aroclor® 1232 (PCB-1232)	µg/kg	ND (63)	ND (65)	ND (71)
Aroclor® 1242 (PCB-1242)	µg/kg	ND (63)	ND (65)	ND (71)
Aroclor® 1248 (PCB-1248)	µg/kg	68	38 J	69 J
Aroclor® 1254 (PCB-1254)	µg/kg	ND (63)	ND (65)	ND (71)
Aroclor® 1260 (PCB-1260)	µg/kg	ND (63)	ND (65)	ND (71)
Semivolatile Organic Compounds				
2,2'-oxybis(1-Chloropropane)	µg/kg	ND (630)	ND (650)	ND (710)
2,4,5-Trichlorophenol	µg/kg	ND (630)	ND (650)	ND (710)
2,4,6-Trichlorophenol	µg/kg	ND (630)	ND (650)	ND (710)

Table 2. Surface water analytical results summary—October 2001 stream sampling

Sample Location:		R1-W1	SP1-W1	SP5-W1	ST19-W1	ST1-W1
Sample ID:		SW-100101-R1-SK-001	SW-100201-SP1-SK-001	SW-100201-SP5-SK-001	SW-100201-ST19-SK-001	SW-100201-ST1-SK-001
Sample Date:		10/1/2001	10/2/2001	10/2/2001	10/2/2001	10/2/2001
Sample Time:		13:32	15:03	16:54	07:59	14:28
Parameter	Unit					
Metals						
Aluminum	mg/L	0.089 J	ND (0.2)	0.33	ND (0.2) U	ND (0.2) U
Aluminum (Filtered)	mg/L	ND (0.2)	ND (0.2)	ND (0.2) U	ND (0.2)	0.037 J
Antimony	mg/L	ND (0.06)	ND (0.06)	ND (0.06)	ND (0.06)	0.0049 J
Antimony (Filtered)	mg/L	ND (0.06)	0.0025 J	ND (0.06)	ND (0.06)	0.0052 J
Arsenic	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Arsenic (Filtered)	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Barium	mg/L	0.068 J	0.09 J	0.09 J	0.08 J	0.037 J
Barium (Filtered)	mg/L	0.067 J	0.085 J	0.086 J	0.084 J	0.037 J
Beryllium	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Beryllium (Filtered)	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Cadmium	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	0.00029 J	0.00074 J
Cadmium (Filtered)	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	0.00035 J	0.0006 J
Chromium	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Chromium (Filtered)	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Cobalt	mg/L	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Cobalt (Filtered)	mg/L	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Copper	mg/L	ND (0.025)	ND (0.025)	ND (0.025)	ND (0.025)	ND (0.025)
Copper (Filtered)	mg/L	ND (0.025)	ND (0.025)	ND (0.025)	ND (0.025)	ND (0.025)
Iron	mg/L	0.17	0.35	0.2	0.2	ND (0.1)
Iron (Filtered)	mg/L	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Lead	mg/L	ND (0.003)	ND (0.003)	ND (0.003)	ND (0.003)	0.004
Lead (Filtered)	mg/L	ND (0.003)	ND (0.003)	ND (0.003)	ND (0.003)	0.0049
Manganese	mg/L	0.073	0.47	0.084	0.074	0.014 J
Manganese (Filtered)	mg/L	0.072	0.45	0.065	0.072	0.014 J
Mercury	mg/L	ND (0.0002)	ND (0.0002)	ND (0.0002)	ND (0.0002)	ND (0.0002)
Mercury (Filtered)	mg/L	ND (0.0002)	ND (0.0002)	ND (0.0002)	ND (0.0002)	ND (0.0002)
Nickel	mg/L	ND (0.04)	0.0026 J	ND (0.04)	0.0045 J	0.0082 J
Nickel (Filtered)	mg/L	ND (0.04)	ND (0.04)	ND (0.04)	0.004 J	0.008 J
Selenium	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Selenium (Filtered)	mg/L	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)	ND (0.005)
Silver	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)
Silver (Filtered)	mg/L	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)	ND (0.01)

Table 2. (cont.)

Sample Location:		R1-W1	SP1-W1	SP5-W1	ST19-W1	ST1-W1
Sample ID:		SW-100101-R1-SK-001	SW-100201-SP1-SK-001	SW-100201-SP5-SK-001	SW-100201-ST19-SK-001	SW-100201-ST1-SK-001
Sample Date:		10/1/2001	10/2/2001	10/2/2001	10/2/2001	10/2/2001
Sample Time:		13:32	15:03	16:54	07:59	14:28
Parameter	Unit					
Thallium	mg/L	0.0071 J	ND (0.011) U	ND (0.01) U	ND (0.01)	ND (0.01) U
Thallium (Filtered)	mg/L	0.006 J	ND (0.01) U	ND (0.01) U	ND (0.01)	ND (0.01) U
Vanadium	mg/L	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Vanadium (Filtered)	mg/L	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)	ND (0.05)
Zinc	mg/L	ND (0.02)	ND (0.02)	ND (0.02)	ND (0.022) U	0.13
Zinc (Filtered)	mg/L	ND (0.02)	ND (0.02)	ND (0.02)	0.024	0.14
Polychlorinated Biphenyls						
Aroclor® 1016 (PCB-1016)	µg/L	ND (0.2)	ND (0.4)	ND (0.2)	ND (0.2) UJ	ND (1)
Aroclor® 1221 (PCB-1221)	µg/L	ND (0.2)	ND (0.4)	ND (0.2)	ND (0.2) UJ	ND (1)
Aroclor® 1232 (PCB-1232)	µg/L	ND (0.4)	ND (0.8)	ND (0.4)	ND (0.4) UJ	ND (2)
Aroclor® 1242 (PCB-1242)	µg/L	ND (0.2)	1.3	0.18 J	0.35 J	2.7
Aroclor® 1248 (PCB-1248)	µg/L	ND (0.2)	ND (0.4)	ND (0.2)	ND (0.2) UJ	ND (1)
Aroclor® 1254 (PCB-1254)	µg/L	ND (0.2)	ND (0.4)	ND (0.2)	ND (0.2) UJ	ND (1)
Aroclor® 1260 (PCB-1260)	µg/L	ND (0.2)	ND (0.4)	ND (0.2)	ND (0.2) UJ	ND (1)
Aroclor® 1016 (PCB-1016), Filtered	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2) UJ	ND (0.2) UJ
Aroclor® 1221 (PCB-1221), Filtered	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2) UJ	ND (0.2) UJ
Aroclor® 1232 (PCB-1232), Filtered	µg/L	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4) UJ	ND (0.4) UJ
Aroclor® 1242 (PCB-1242), Filtered	µg/L	ND (0.2)	0.55	ND (0.2)	ND (0.2) UJ	0.5 J
Aroclor® 1248 (PCB-1248), Filtered	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2) UJ	ND (0.2) UJ
Aroclor® 1254 (PCB-1254), Filtered	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2) UJ	ND (0.2) UJ
Aroclor® 1260 (PCB-1260), Filtered	µg/L	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2) UJ	ND (0.2) UJ
Semivolatile Organic Compounds						
2,2'-oxybis(1-Chloropropane)	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4,5-Trichlorophenol	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4,6-Trichlorophenol	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	ND (50) UJ	ND (50)	ND (50)	ND (50)	ND (50)
2,4-Dinitrotoluene	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)

Table 2. (cont.)

Sample Location:		ST1-W1	ST4-W1	ST10-W1
Sample ID:		SW-100201-ST1-SK-002	SW-100201-ST4-SK-01	SW-100101-ST10-SK-001
Sample Date:		10/2/2001	10/2/2001	10/1/2001
Sample Time:		14:32	12:40	15:56
Parameter	Unit	(dupl of SW-100201-ST1-SK-001)		
2-Nitroaniline	µg/L	ND (50)	ND (50)	ND (50)
2-Nitrophenol	µg/L	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	ND (50) UJ	ND (50) UJ	ND (50)
3-Nitroaniline	µg/L	ND (50)	ND (50)	ND (50)
4,6-Dinitro-2-methylphenol	µg/L	ND (50)	ND (50)	ND (50)
4-Bromophenyl phenyl ether	µg/L	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	ND (10)	ND (10)	ND (10)
4-Nitroaniline	µg/L	ND (50)	ND (50)	ND (50)
4-Nitrophenol	µg/L	ND (50)	ND (50) UJ	ND (50)
Acenaphthene	µg/L	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	ND (10)	ND (10)	ND (10)
Anthracene	µg/L	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	ND (10)	ND (10)	ND (10)
Benzaldehyde	µg/L	ND (10)	ND (10)	ND (10)
Benz[a]anthracene	µg/L	ND (10) UJ	ND (10) UJ	ND (10)
Benzo[a]pyrene	µg/L	ND (10) UJ	ND (10) UJ	ND (10)
Benzo[b]fluoranthene	µg/L	ND (10) UJ	ND (10) UJ	ND (10)
Benzo[ghi]perylene	µg/L	ND (10) UJ	ND (10) UJ	ND (10)
Benzo[k]fluoranthene	µg/L	ND (10) UJ	ND (10) UJ	ND (10)
Biphenyl	µg/L	ND (10)	ND (10)	ND (10)
Bis[2-chloroethoxy]methane	µg/L	ND (10)	ND (10)	ND (10)
Bis[2-chloroethyl]ether	µg/L	ND (10)	ND (10)	ND (10)
Bis[2-ethylhexyl]phthalate	µg/L	ND (10) UJ	ND (10) UJ	ND (10)
Butyl benzylphthalate	µg/L	ND (10) UJ	ND (10) UJ	ND (10)
Caprolactam	µg/L	ND (10)	ND (10)	ND (10)
Carbazole	µg/L	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	ND (10) UJ	ND (10) UJ	ND (10)
Dibenz[a,h]anthracene	µg/L	ND (10) UJ	ND (10) UJ	ND (10)
Dibenzofuran	µg/L	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	ND (10)	ND (10)	ND (10)

Table 2. (cont.)

Sample Location:		ST1-W1	ST4-W1	ST10-W1
Sample ID:		SW-100201-ST1-SK-002	SW-100201-ST4-SK-01	SW-100101-ST10-SK-001
Sample Date:		10/2/2001	10/2/2001	10/1/2001
Sample Time:		14:32	12:40	15:56
Parameter	Unit	(dupl of SW-100201-ST1-SK-001)		
Dimethyl phthalate	µg/L	ND (10)	ND (10)	ND (10)
Di- <i>n</i> -butyl phthalate	µg/L	ND (10)	ND (10)	ND (10)
Di- <i>n</i> -octyl phthalate	µg/L	ND (10) UJ	ND (10) UJ	ND (10)
Fluoranthene	µg/L	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	ND (50)	ND (50)	ND (50)
Hexachloroethane	µg/L	ND (10)	ND (10)	ND (10)
Indeno(1,2,3- <i>cd</i>)pyrene	µg/L	ND (10) UJ	ND (10) UJ	ND (10)
Isophorone	µg/L	ND (10)	ND (10)	ND (10)
Naphthalene	µg/L	ND (10)	ND (10)	ND (10)
Nitrobenzene	µg/L	ND (10)	ND (10)	ND (10)
<i>N</i> -Nitrosodi- <i>n</i> -propylamine	µg/L	ND (10)	ND (10)	ND (10)
<i>N</i> -Nitrosodiphenylamine	µg/L	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	ND (10) UJ	ND (10) UJ	ND (10)
Phenanthrene	µg/L	ND (10)	ND (10)	ND (10)
Phenol	µg/L	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	ND (10) UJ	ND (10) UJ	ND (10)
Volatile Organic Compounds				
1,1,1-Trichloroethane	µg/L	ND (1)	ND (20)	ND (1)
1,1,2,2-Tetrachloroethane	µg/L	ND (1)	ND (20)	ND (1)
1,1,2-Trichloroethane	µg/L	ND (1)	ND (20)	ND (1)
1,1-Dichloroethane	µg/L	ND (1)	ND (20)	ND (1)
1,1-Dichloroethene	µg/L	ND (1)	ND (20)	ND (1)
1,2,4-Trichlorobenzene	µg/L	ND (1)	ND (20) UJ	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	ND (2)	ND (40)	ND (2)
1,2-Dibromoethane (ethylene dibromide)	µg/L	ND (1)	ND (20)	ND (1)
1,2-Dichlorobenzene	µg/L	ND (1)	ND (20)	ND (1)
1,2-Dichloroethane	µg/L	ND (1)	ND (20)	ND (1)
1,2-Dichloropropane	µg/L	ND (1)	ND (20)	ND (1)
1,3-Dichlorobenzene	µg/L	ND (1)	ND (20)	ND (1)
1,4-Dichlorobenzene	µg/L	ND (1)	ND (20)	ND (1)
2-Butanone	µg/L	ND (10)	ND (200)	ND (10)

Table 2. (cont.)

Sample Location:		ST1-W1	ST4-W1	ST10-W1
Sample ID:		SW-100201-ST1-SK-002	SW-100201-ST4-SK-01	SW-100101-ST10-SK-001
Sample Date:		10/2/2001	10/2/2001	10/1/2001
Sample Time:		14:32	12:40	15:56
Parameter	Unit	(dupl of SW-100201-ST1-SK-001)		
2-Hexanone	µg/L	ND (10)	ND (200)	ND (10)
4-Methyl-2-pentanone	µg/L	ND (10)	ND (200)	ND (10)
Acetone	µg/L	ND (10)	14 J	ND (10)
Benzene	µg/L	ND (1)	ND (20)	ND (1)
Benzene, isopropyl	µg/L	ND (1)	ND (20)	ND (1)
Bromodichloromethane	µg/L	ND (1)	6.7 J	ND (1)
Bromoform	µg/L	ND (1)	ND (20)	ND (1)
Bromomethane	µg/L	ND (1)	ND (20)	ND (1)
Carbon disulfide	µg/L	ND (1)	ND (20)	ND (1)
Carbon tetrachloride	µg/L	ND (1)	ND (20)	ND (1)
Chlorobenzene	µg/L	ND (1)	ND (20)	ND (1)
Chloroethane	µg/L	ND (1)	ND (20) UJ	ND (1)
Chloroform (Trichloromethane)	µg/L	ND (1)	13 J	ND (1)
Chloromethane	µg/L	ND (1)	ND (20)	ND (1)
cis-1,2-Dichloroethene	µg/L	ND (0.5)	ND (10)	ND (0.5)
cis-1,3-Dichloropropene	µg/L	ND (1)	ND (20)	ND (1)
Cyclohexane	µg/L	ND (1)	ND (20)	ND (1)
Dibromochloromethane	µg/L	ND (1)	ND (20)	ND (1)
Dichlorodifluoromethane (CFC-12)	µg/L	ND (1)	ND (20) UJ	ND (1)
Ethylbenzene	µg/L	ND (1)	ND (20)	ND (1)
Methyl acetate	µg/L	ND (10)	ND (200)	ND (10)
Methyl cyclohexane	µg/L	ND (1)	ND (20)	ND (1)
Methyl tert-butyl ether	µg/L	ND (5)	ND (100)	ND (5)
Methylene chloride	µg/L	ND (1)	ND (20)	ND (1)
Styrene	µg/L	ND (1)	ND (20)	ND (1)
Tetrachloroethene	µg/L	ND (1)	ND (20)	ND (1)
Toluene	µg/L	ND (1)	ND (20)	ND (1)
trans-1,2-Dichloroethene	µg/L	ND (0.5)	ND (10)	ND (0.5)
trans-1,3-Dichloropropene	µg/L	ND (1)	ND (20)	ND (1)
Trichloroethene	µg/L	ND (1)	ND (20)	ND (1)
Trichlorofluoromethane (CFC-11)	µg/L	ND (1)	ND (20)	ND (1)
Trifluorotrichloroethane (Freon 113)	µg/L	ND (1)	ND (20)	ND (1)
Vinyl chloride	µg/L	ND (1)	ND (20)	ND (1)
Xylene (total)	µg/L	ND (1)	ND (20)	ND (1)

Table 2. (cont.)

Sample Location:		ST1-W1	ST4-W1	ST10-W1
Sample ID:		SW-100201-ST1-SK-002	SW-100201-ST4-SK-01	SW-100101-ST10-SK-001
Sample Date:		10/2/2001	10/2/2001	10/1/2001
Sample Time:		14:32	12:40	15:56
Parameter	Unit	(dupl of SW-100201-ST1-SK-001)		
General Chemistry				
Ammonia	mg/L	0.4	ND (0.2) U	ND (0.2) U
Cyanide (amenable)	mg/L	ND (0.01)	ND (0.01)	ND (0.01)
Cyanide (total)	mg/L	0.0018 J	ND (0.01)	ND (0.01)
Total dissolved solids	mg/L	640	580	360
Total Kjeldahl nitrogen	mg/L	ND (3) U	ND (2) U	0.6 J
Total suspended solids	mg/L	ND (4)	3 J	ND (4)

Table 2. (cont.)

Sample Location:		ST16-W1	ST21-W1	ST23-W1
Sample ID:		SW-100201-ST16-SK-001	SW-100401-ST21-CK-001	SW-100401-ST23-CK-001
Sample Date:		10/2/2001	10/4/2001	10/4/2001
Sample Time:		10:17	10:20	12:00
Parameter	Unit			
Metals				
Aluminum	mg/L	ND (0.2) U	ND (0.39) U	ND (0.3) U
Aluminum (Filtered)	mg/L	ND (0.2) U	0.1 J	0.04 J
Antimony	mg/L	0.0035 J	ND (0.06)	ND (0.06)
Antimony (Filtered)	mg/L	ND (0.06)	ND (0.06)	ND (0.06)
Arsenic	mg/L	ND (0.01)	ND (0.01)	ND (0.01)
Arsenic (Filtered)	mg/L	ND (0.01)	ND (0.01)	ND (0.01)
Barium	mg/L	0.072 J	0.037 J	0.038 J
Barium (Filtered)	mg/L	0.077 J	0.035 J	0.035 J
Beryllium	mg/L	ND (0.005)	ND (0.005)	ND (0.005)
Beryllium (Filtered)	mg/L	ND (0.005)	ND (0.005)	ND (0.005)
Cadmium	mg/L	ND (0.005)	ND (0.005)	ND (0.005)
Cadmium (Filtered)	mg/L	0.00041 J	ND (0.005)	ND (0.005)
Chromium	mg/L	ND (0.01)	ND (0.01)	ND (0.01)
Chromium (Filtered)	mg/L	ND (0.01)	ND (0.01)	ND (0.01)
Cobalt	mg/L	ND (0.05)	ND (0.05)	ND (0.05)
Cobalt (Filtered)	mg/L	ND (0.05)	ND (0.05)	ND (0.05)
Copper	mg/L	ND (0.025)	ND (0.025)	ND (0.025)
Copper (Filtered)	mg/L	ND (0.025)	ND (0.025)	ND (0.025)
Iron	mg/L	0.22	0.46	0.39
Iron (Filtered)	mg/L	ND (0.1)	0.089 J	ND (0.1)
Lead	mg/L	ND (0.003)	ND (0.003)	ND (0.003)
Lead (Filtered)	mg/L	ND (0.003)	ND (0.003)	ND (0.003)
Manganese	mg/L	0.048	0.32	0.3
Manganese (Filtered)	mg/L	0.045	0.3	0.27
Mercury	mg/L	ND (0.0002)	ND (0.0002)	ND (0.0002)
Mercury (Filtered)	mg/L	ND (0.0002)	ND (0.0002)	ND (0.0002)
Nickel	mg/L	0.0041 J	ND (0.04)	0.0022 J
Nickel (Filtered)	mg/L	0.005 J	ND (0.04)	ND (0.04)
Selenium	mg/L	ND (0.005)	ND (0.005)	ND (0.005)
Selenium (Filtered)	mg/L	ND (0.005)	ND (0.005)	ND (0.005)
Silver	mg/L	ND (0.01)	ND (0.01)	ND (0.01)
Silver (Filtered)	mg/L	ND (0.01)	ND (0.01)	ND (0.01)

Table 2. (cont.)

Sample Location:		ST16-W1	ST21-W1	ST23-W1
Sample ID:		SW-100201-ST16-SK-001	SW-100401-ST21-CK-001	SW-100401-ST23-CK-001
Sample Date:		10/2/2001	10/4/2001	10/4/2001
Sample Time:		10:17	10:20	12:00
Parameter	Unit			
Thallium	mg/L	ND (0.01) U	ND (0.01)	ND (0.01)
Thallium (Filtered)	mg/L	ND (0.01)	ND (0.01)	ND (0.01)
Vanadium	mg/L	ND (0.05)	0.0013 J	0.0014 J
Vanadium (Filtered)	mg/L	ND (0.05)	0.00091 J	0.00099 J
Zinc	mg/L	ND (0.027) U	ND (0.02)	ND (0.02)
Zinc (Filtered)	mg/L	0.029	ND (0.02)	ND (0.02)
Polychlorinated Biphenyls				
Aroclor® 1016 (PCB-1016)	µg/L	ND (0.2) UJ	ND (0.2)	ND (0.2)
Aroclor® 1221 (PCB-1221)	µg/L	ND (0.2) UJ	ND (0.2)	ND (0.2)
Aroclor® 1232 (PCB-1232)	µg/L	ND (0.4) UJ	ND (0.4)	ND (0.4)
Aroclor® 1242 (PCB-1242)	µg/L	0.54 J	ND (0.2)	ND (0.2)
Aroclor® 1248 (PCB-1248)	µg/L	ND (0.2) UJ	ND (0.2)	ND (0.2)
Aroclor® 1254 (PCB-1254)	µg/L	ND (0.2) UJ	ND (0.2)	ND (0.2)
Aroclor® 1260 (PCB-1260)	µg/L	ND (0.2) UJ	ND (0.2)	ND (0.2)
Aroclor® 1016 (PCB-1016), Filtered	µg/L	ND (0.2) UJ	ND (0.2)	ND (0.2)
Aroclor® 1221 (PCB-1221), Filtered	µg/L	ND (0.2) UJ	ND (0.2)	ND (0.2)
Aroclor® 1232 (PCB-1232), Filtered	µg/L	ND (0.4) UJ	ND (0.4)	ND (0.4)
Aroclor® 1242 (PCB-1242), Filtered	µg/L	0.22 J	ND (0.2)	ND (0.2)
Aroclor® 1248 (PCB-1248), Filtered	µg/L	ND (0.2) UJ	ND (0.2)	ND (0.2)
Aroclor® 1254 (PCB-1254), Filtered	µg/L	ND (0.2) UJ	ND (0.2)	ND (0.2)
Aroclor® 1260 (PCB-1260), Filtered	µg/L	ND (0.2) UJ	ND (0.2)	ND (0.2)
Semivolatile Organic Compounds				
2,2'-oxybis(1-Chloropropane)	µg/L	ND (10)	ND (10)	ND (10)
2,4,5-Trichlorophenol	µg/L	ND (10)	ND (10)	ND (10)
2,4,6-Trichlorophenol	µg/L	ND (10)	ND (10)	ND (10)
2,4-Dichlorophenol	µg/L	ND (10)	ND (10)	ND (10)
2,4-Dimethylphenol	µg/L	ND (10)	ND (10)	ND (10)
2,4-Dinitrophenol	µg/L	ND (50)	ND (50)	ND (50)
2,4-Dinitrotoluene	µg/L	ND (10)	ND (10)	ND (10)
2,6-Dinitrotoluene	µg/L	ND (10)	ND (10)	ND (10)
2-Chloronaphthalene	µg/L	ND (10)	ND (10)	ND (10)
2-Chlorophenol	µg/L	ND (10)	ND (10)	ND (10)
2-Methylnaphthalene	µg/L	ND (10)	ND (10)	ND (10)
2-Methylphenol	µg/L	ND (10)	ND (10)	ND (10)

Table 2. (cont.)

Sample Location:		ST16-W1	ST21-W1	ST23-W1
Sample ID:		SW-100201-ST16-SK-001	SW-100401-ST21-CK-001	SW-100401-ST23-CK-001
Sample Date:		10/2/2001	10/4/2001	10/4/2001
Sample Time:		10:17	10:20	12:00
Parameter	Unit			
2-Nitroaniline	µg/L	ND (50)	ND (50)	ND (50)
2-Nitrophenol	µg/L	ND (10)	ND (10)	ND (10)
3,3'-Dichlorobenzidine	µg/L	ND (50) UJ	ND (50)	ND (50)
3-Nitroaniline	µg/L	ND (50)	ND (50)	ND (50)
4,6-Dinitro-2-methylphenol	µg/L	ND (50)	ND (50)	ND (50)
4-Bromophenyl phenyl ether	µg/L	ND (10)	ND (10)	ND (10)
4-Chloro-3-methylphenol	µg/L	ND (10)	ND (10)	ND (10)
4-Chloroaniline	µg/L	ND (10)	ND (10)	ND (10)
4-Chlorophenyl phenyl ether	µg/L	ND (10)	ND (10)	ND (10)
4-Methylphenol	µg/L	ND (10)	ND (10)	ND (10)
4-Nitroaniline	µg/L	ND (50)	ND (50)	ND (50)
4-Nitrophenol	µg/L	ND (50)	ND (50)	ND (50)
Acenaphthene	µg/L	ND (10)	ND (10)	ND (10)
Acenaphthylene	µg/L	ND (10)	ND (10)	ND (10)
Acetophenone	µg/L	ND (10)	ND (10)	ND (10)
Anthracene	µg/L	ND (10)	ND (10)	ND (10)
Atrazine	µg/L	ND (10)	ND (10)	ND (10)
Benzaldehyde	µg/L	ND (10)	ND (10)	ND (10)
Benz[a]anthracene	µg/L	ND (10) UJ	ND (10)	ND (10)
Benzo[a]pyrene	µg/L	ND (10) UJ	ND (10)	ND (10)
Benzo[b]fluoranthene	µg/L	ND (10) UJ	ND (10)	ND (10)
Benzo[ghi]perylene	µg/L	ND (10) UJ	ND (10)	ND (10)
Benzo[k]fluoranthene	µg/L	ND (10) UJ	ND (10)	ND (10)
Biphenyl	µg/L	ND (10)	ND (10)	ND (10)
Bis[2-chloroethoxy]methane	µg/L	ND (10)	ND (10)	ND (10)
Bis[2-chloroethyl]ether	µg/L	ND (10)	ND (10)	ND (10)
Bis[2-ethylhexyl]phthalate	µg/L	ND (10) UJ	ND (10)	ND (10)
Butyl benzylphthalate	µg/L	ND (10) UJ	ND (10)	ND (10)
Caprolactam	µg/L	ND (10)	ND (10)	ND (10)
Carbazole	µg/L	ND (10)	ND (10)	ND (10)
Chrysene	µg/L	ND (10) UJ	ND (10)	ND (10)
Dibenz[a,h]anthracene	µg/L	ND (10) UJ	ND (10)	ND (10)
Dibenzofuran	µg/L	ND (10)	ND (10)	ND (10)
Diethyl phthalate	µg/L	ND (10)	ND (10)	ND (10)

Table 2. (cont.)

Sample Location:		ST16-W1	ST21-W1	ST23-W1
Sample ID:		SW-100201-ST16-SK-001	SW-100401-ST21-CK-001	SW-100401-ST23-CK-001
Sample Date:		10/2/2001	10/4/2001	10/4/2001
Sample Time:		10:17	10:20	12:00
Parameter	Unit			
Dimethyl phthalate	µg/L	ND (10)	ND (10)	ND (10)
Di- <i>n</i> -butyl phthalate	µg/L	ND (10)	ND (10)	ND (10)
Di- <i>n</i> -octyl phthalate	µg/L	ND (10) UJ	ND (10)	ND (10)
Fluoranthene	µg/L	ND (10)	ND (10)	ND (10)
Fluorene	µg/L	ND (10)	ND (10)	ND (10)
Hexachlorobenzene	µg/L	ND (10)	ND (10)	ND (10)
Hexachlorobutadiene	µg/L	ND (10)	ND (10)	ND (10)
Hexachlorocyclopentadiene	µg/L	ND (50)	ND (50)	ND (50)
Hexachloroethane	µg/L	ND (10)	ND (10)	ND (10)
Indeno(1,2,3- <i>cd</i>)pyrene	µg/L	ND (10) UJ	ND (10)	ND (10)
Isophorone	µg/L	ND (10)	ND (10)	ND (10)
Naphthalene	µg/L	ND (10)	ND (10)	ND (10)
Nitrobenzene	µg/L	ND (10)	ND (10)	ND (10)
<i>N</i> -Nitrosodi- <i>n</i> -propylamine	µg/L	ND (10)	ND (10)	ND (10)
<i>N</i> -Nitrosodiphenylamine	µg/L	ND (10)	ND (10)	ND (10)
Pentachlorophenol	µg/L	ND (10) UJ	ND (10)	ND (10)
Phenanthrene	µg/L	ND (10)	ND (10)	ND (10)
Phenol	µg/L	ND (10)	ND (10)	ND (10)
Pyrene	µg/L	ND (10) UJ	ND (10)	ND (10)
Volatile Organic Compounds				
1,1,1-Trichloroethane	µg/L	ND (20)	ND (1)	ND (1)
1,1,2,2-Tetrachloroethane	µg/L	ND (20)	ND (1)	ND (1)
1,1,2-Trichloroethane	µg/L	ND (20)	ND (1)	ND (1)
1,1-Dichloroethane	µg/L	ND (20)	ND (1)	ND (1)
1,1-Dichloroethene	µg/L	ND (20)	ND (1)	ND (1)
1,2,4-Trichlorobenzene	µg/L	ND (20) UJ	ND (1)	ND (1)
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	ND (40)	ND (2)	ND (2)
1,2-Dibromoethane (ethylene dibromide)	µg/L	ND (20)	ND (1)	ND (1)
1,2-Dichlorobenzene	µg/L	ND (20)	ND (1)	ND (1)
1,2-Dichloroethane	µg/L	ND (20)	ND (1)	ND (1)
1,2-Dichloropropane	µg/L	ND (20)	ND (1)	ND (1)
1,3-Dichlorobenzene	µg/L	ND (20)	ND (1)	ND (1)
1,4-Dichlorobenzene	µg/L	ND (20)	ND (1)	ND (1)
2-Butanone	µg/L	ND (200)	ND (10)	ND (10)

Table 2. (cont.)

Parameter	Sample Location:			
	Sample ID:			
	Sample Date:			
	Sample Time:			
	Unit	ST16-W1	ST21-W1	ST23-W1
		SW-100201-ST16-SK-001	SW-100401-ST21-CK-001	SW-100401-ST23-CK-001
		10/2/2001	10/4/2001	10/4/2001
		10:17	10:20	12:00
2-Hexanone	µg/L	ND (200)	ND (10)	ND (10)
4-Methyl-2-pentanone	µg/L	ND (200)	ND (10)	ND (10)
Acetone	µg/L	14 J	ND (10) U	ND (10) U
Benzene	µg/L	ND (20)	ND (1)	ND (1)
Benzene, isopropyl	µg/L	ND (20)	ND (1)	ND (1)
Bromodichloromethane	µg/L	7.3 J	ND (1)	ND (1)
Bromoform	µg/L	ND (20)	ND (1)	ND (1)
Bromomethane	µg/L	ND (20)	ND (1)	ND (1)
Carbon disulfide	µg/L	ND (20)	ND (1)	ND (1)
Carbon tetrachloride	µg/L	ND (20)	ND (1)	ND (1)
Chlorobenzene	µg/L	ND (20)	ND (1)	ND (1)
Chloroethane	µg/L	ND (20) UJ	ND (1)	ND (1)
Chloroform (Trichloromethane)	µg/L	13 J	ND (1)	0.29 J
Chloromethane	µg/L	ND (20)	ND (1)	ND (1)
cis-1,2-Dichloroethene	µg/L	ND (10)	ND (0.5)	ND (0.5)
cis-1,3-Dichloropropene	µg/L	ND (20)	ND (1)	ND (1)
Cyclohexane	µg/L	ND (20)	ND (1)	ND (1)
Dibromochloromethane	µg/L	ND (20)	ND (1)	ND (1)
Dichlorodifluoromethane (CFC-12)	µg/L	ND (20) UJ	ND (1)	ND (1)
Ethylbenzene	µg/L	ND (20)	ND (1)	ND (1)
Methyl acetate	µg/L	ND (200)	ND (10)	ND (10)
Methyl cyclohexane	µg/L	ND (20)	ND (1)	ND (1)
Methyl tert-butyl ether	µg/L	ND (100)	ND (5)	ND (5)
Methylene chloride	µg/L	ND (20)	ND (1)	ND (1)
Styrene	µg/L	ND (20)	ND (1)	ND (1)
Tetrachloroethene	µg/L	ND (20)	ND (1)	ND (1)
Toluene	µg/L	ND (20)	ND (1)	ND (1)
trans-1,2-Dichloroethene	µg/L	ND (10)	ND (0.5)	ND (0.5)
trans-1,3-Dichloropropene	µg/L	ND (20)	ND (1)	ND (1)
Trichloroethene	µg/L	ND (20)	ND (1)	ND (1)
Trichlorofluoromethane (CFC-11)	µg/L	ND (20)	ND (1)	ND (1)
Trifluorotrchloroethane (Freon 113)	µg/L	ND (20)	ND (1)	ND (1)
Vinyl chloride	µg/L	ND (20)	ND (1)	ND (1)
Xylene (total)	µg/L	ND (20)	ND (1)	ND (1)

Table 2. (cont.)

Sample Location:		ST16-W1	ST21-W1	ST23-W1
Sample ID:		SW-100201-ST16-SK-001	SW-100401-ST21-CK-001	SW-100401-ST23-CK-001
Sample Date:		10/2/2001	10/4/2001	10/4/2001
Sample Time:		10:17	10:20	12:00
Parameter	Unit			
General Chemistry				
Ammonia	mg/L	ND (0.2) U	-	-
Cyanide (amenable)	mg/L	ND (0.01)	ND (0.01)	ND (0.01)
Cyanide (total)	mg/L	0.0017 J	ND (0.01)	ND (0.01)
Total dissolved solids	mg/L	540	210	230
Total Kjeldahl nitrogen	mg/L	ND (3) U	0.6 J	ND (1)
Total suspended solids	mg/L	4	11	9

- Note:** J - the reported laboratory result is qualified as an estimated value
 ND - not detected at the method detection limit included in paranthesis
 ND () U - the laboratory result has been qualified as non-detect above the value in parathesis
 UJ - the laboratory report limit and method detection limit values are qualified as estimated values

Table 3. Soil analytical results summary—October 2001 stream sampling

Sample Location:		SP7-S3	ST1-S5	ST1-S6	ST2-S1	ST2-S2	ST4-S2
Sample ID:		S-100701-SK-003	S-100301-SK-005	S-100301-SK-006	S-100701-SK-001	S-100701-SK-002	S-100301-SK-002
Sample Date:		10/7/2001	10/3/2001	10/3/2001	10/7/2001	10/7/2001	10/3/2001
Sample Time:		16:15	12:55	13:08	15:21	15:21	11:42
Parameter	Unit						
Metals							
Aluminum	mg/kg	30400	7270	8530	9390	10400	8880
Antimony	mg/kg	ND (10.4) UJ	ND (8.4)	ND (7.4)	ND (10) UJ	ND (8.5) UJ	ND (7.7)
Arsenic	mg/kg	9.6	5.1	6.6	5.6	8.5	12.2
Barium	mg/kg	92	48.9	72.5	47.1	132	110
Beryllium	mg/kg	0.87	0.49 J	0.58 J	0.62 J	0.72	0.88
Cadmium	mg/kg	3.2	0.8	0.89	0.66 J	0.58 J	0.89
Chromium	mg/kg	40.4	23.7	27.1	21.6	17.2	32.5
Cobalt	mg/kg	11.7	9.9	12	10.6	12.8	18.9
Copper	mg/kg	836	87.8	106	61.9	39	26.8
Iron	mg/kg	26600	13500	16200	15600	17300	22700
Lead	mg/kg	89.3	38.3	44.8	43.8	39.9	25.2
Manganese	mg/kg	483	319	378	157	1270	1490
Mercury	mg/kg	0.09 J	0.078 J	0.1 J	0.13 J	0.11 J	0.23
Nickel	mg/kg	51	33.7	36.4	25.6	17	24.4
Selenium	mg/kg	1.9	0.89	1.3	1.3	1.2	0.67
Silver	mg/kg	0.3 J	ND (1.4)	ND (1.2)	ND (1.7)	ND (1.4)	ND (1.3)
Thallium	mg/kg	1.3 J	ND (1.4)	ND (1.2)	0.91 J	0.93 J	ND (1.3)
Vanadium	mg/kg	33.5	19.2	22.7	26.1	27.3	33.9
Zinc	mg/kg	849	153	172	95.1	67.7	67.7
Polychlorinated Biphenyls							
Aroclor [®] 1016 (PCB-1016)	µg/kg	ND (290)	ND (230000)	ND (81000)	ND (2700)	ND (93)	ND (840)
Aroclor [®] 1221 (PCB-1221)	µg/kg	ND (290)	ND (230000)	ND (81000)	ND (2700)	ND (93)	ND (840)
Aroclor [®] 1232 (PCB-1232)	µg/kg	ND (290)	ND (230000)	ND (81000)	ND (2700)	ND (93)	ND (840)
Aroclor [®] 1242 (PCB-1242)	µg/kg	ND (290)	ND (230000)	ND (81000)	ND (2700)	ND (93)	ND (840)
Aroclor [®] 1248 (PCB-1248)	µg/kg	680	2100000	1200000	14000	220	4100
Aroclor [®] 1254 (PCB-1254)	µg/kg	ND (290)	ND (230000)	ND (81000)	ND (2700)	ND (93)	ND (840)
Aroclor [®] 1260 (PCB-1260)	µg/kg	130 J	ND (230000)	ND (81000)	3800	ND (93)	ND (840)

Table 3. (cont.)

Sample Location:		SP7-S3	ST1-S5	ST1-S6	ST2-S1	ST2-S2	ST4-S2
Sample ID:		S-100701-SK-003	S-100301-SK-005	S-100301-SK-006	S-100701-SK-001	S-100701-SK-002	S-100301-SK-002
Sample Date:		10/7/2001	10/3/2001	10/3/2001	10/7/2001	10/7/2001	10/3/2001
Sample Time:		16:15	12:55	13:08	15:21	15:21	11:42
Parameter	Unit						
Semivolatile Organic Compounds							
2,2'-oxybis(1-Chloropropane)	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
2,4,5-Trichlorophenol	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
2,4,6-Trichlorophenol	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
2,4-Dichlorophenol	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
2,4-Dimethylphenol	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
2,4-Dinitrophenol	µg/kg	ND (28000)	ND (11000)	ND (9800)	ND (2700)	ND (2300)	ND (2000)
2,4-Dinitrotoluene	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
2,6-Dinitrotoluene	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
2-Chloronaphthalene	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
2-Chlorophenol	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
2-Methylnaphthalene	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
2-Methylphenol	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
2-Nitroaniline	µg/kg	ND (28000)	ND (11000)	ND (9800)	ND (2700)	ND (2300)	ND (2000)
2-Nitrophenol	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
3,3'-Dichlorobenzidine	µg/kg	ND (28000)	ND (11000)	ND (9800)	ND (2700)	ND (2300)	ND (2000)
3-Nitroaniline	µg/kg	ND (28000)	ND (11000)	ND (9800)	ND (2700)	ND (2300)	ND (2000)
4,6-Dinitro-2-methylphenol	µg/kg	ND (28000)	ND (11000)	ND (9800)	ND (2700)	ND (2300)	ND (2000)
4-Bromophenyl phenyl ether	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
4-Chloro-3-methylphenol	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
4-Chloroaniline	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
4-Chlorophenyl phenyl ether	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
4-Methylphenol	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
4-Nitroaniline	µg/kg	ND (28000)	ND (11000)	ND (9800)	ND (2700)	ND (2300)	ND (2000)
4-Nitrophenol	µg/kg	ND (28000)	ND (11000)	ND (9800)	ND (2700)	ND (2300)	ND (2000)
Acenaphthene	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Acenaphthylene	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Acetophenone	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Anthracene	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Atrazine	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)

Table 3. (cont.)

Sample Location:		SP7-S3	ST1-S5	ST1-S6	ST2-S1	ST2-S2	ST4-S2
Sample ID:		S-100701-SK-003	S-100301-SK-005	S-100301-SK-006	S-100701-SK-001	S-100701-SK-002	S-100301-SK-002
Sample Date:		10/7/2001	10/3/2001	10/3/2001	10/7/2001	10/7/2001	10/3/2001
Sample Time:		16:15	12:55	13:08	15:21	15:21	11:42
Parameter	Unit						
Benzaldehyde	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Benz[a]anthracene	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Benzo[a]pyrene	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Benzo[b]fluoranthene	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Benzo[ghi]perylene	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Benzo[k]fluoranthene	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Biphenyl	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Bis[2-chloroethoxy]methane	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Bis[2-chloroethyl]ether	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Bis[2-ethylhexyl]phthalate	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Butyl benzylphthalate	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Caprolactam	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Carbazole	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Chrysene	µg/kg	ND (5700)	ND (2300)	ND (2000)	98 J	ND (470)	ND (420)
Dibenz[a,h]anthracene	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Dibenzofuran	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Diethyl phthalate	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Dimethyl phthalate	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Di-n-butyl phthalate	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Di-n-octyl phthalate	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Fluoranthene	µg/kg	ND (5700)	ND (2300)	ND (2000)	120 J	ND (470)	ND (420)
Fluorene	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Hexachlorobenzene	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Hexachlorobutadiene	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Hexachlorocyclopentadiene	µg/kg	ND (28000)	ND (11000)	ND (9800)	ND (2700)	ND (2300)	ND (2000)
Hexachloroethane	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Indeno(1,2,3-cd)pyrene	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Isophorone	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Naphthalene	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Nitrobenzene	µg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)

Table 3. (cont.)

Sample Location:		SP7-S3	ST1-S5	ST1-S6	ST2-S1	ST2-S2	ST4-S2
Sample ID:		S-100701-SK-003	S-100301-SK-005	S-100301-SK-006	S-100701-SK-001	S-100701-SK-002	S-100301-SK-002
Sample Date:		10/7/2001	10/3/2001	10/3/2001	10/7/2001	10/7/2001	10/3/2001
Sample Time:		16:15	12:55	13:08	15:21	15:21	11:42
Parameter	Unit						
<i>N</i> -Nitrosodi- <i>n</i> -propylamine	μg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
<i>N</i> -Nitrosodiphenylamine	μg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Pentachlorophenol	μg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Phenanthrene	μg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Phenol	μg/kg	ND (5700)	ND (2300)	ND (2000)	ND (550)	ND (470)	ND (420)
Pyrene	μg/kg	ND (5700)	ND (2300)	ND (2000)	130 J	ND (470)	ND (420)
Volatile Organic Compounds							
1,1,1-Trichloroethane	μg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
1,1,2,2-Tetrachloroethane	μg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
1,1,2-Trichloroethane	μg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
1,1-Dichloroethane	μg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
1,1-Dichloroethene	μg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
1,2,4-Trichlorobenzene	μg/kg	ND (10) UJ	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
1,2-Dibromo-3-chloropropane (DBCP)	μg/kg	ND (20) UJ	ND (14)	ND (12)	ND (20)	ND (14)	ND (13)
1,2-Dibromoethane (ethylene dibromide)	μg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
1,2-Dichlorobenzene	μg/kg	ND (10) UJ	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
1,2-Dichloroethane	μg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
1,2-Dichloropropane	μg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
1,3-Dichlorobenzene	μg/kg	ND (10) UJ	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
1,4-Dichlorobenzene	μg/kg	ND (10) UJ	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
2-Butanone	μg/kg	ND (41)	ND (28)	ND (25)	ND (40)	ND (28) UJ	ND (26)
2-Hexanone	μg/kg	ND (41)	ND (28)	ND (25)	ND (40)	ND (28)	ND (26)
4-Methyl-2-pentanone	μg/kg	ND (41)	ND (28)	ND (25)	ND (40)	ND (28)	ND (26)
Acetone	μg/kg	7.7 J	ND (28) UJ	ND (25) UJ	ND (40)	57 J	ND (26) UJ
Benzene	μg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Benzene, isopropyl	μg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Bromodichloromethane	μg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Bromoform	μg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Bromomethane	μg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Carbon disulfide	μg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Carbon tetrachloride	μg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)

Table 3. (cont.)

Sample Location:		SP7-S3	ST1-S5	ST1-S6	ST2-S1	ST2-S2	ST4-S2
Sample ID:		S-100701-SK-003	S-100301-SK-005	S-100301-SK-006	S-100701-SK-001	S-100701-SK-002	S-100301-SK-002
Sample Date:		10/7/2001	10/3/2001	10/3/2001	10/7/2001	10/7/2001	10/3/2001
Sample Time:		16:15	12:55	13:08	15:21	15:21	11:42
Parameter	Unit						
Chlorobenzene	µg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Chloroethane	µg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Chloroform (Trichloromethane)	µg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Chloromethane	µg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
cis-1,2-Dichloroethene	µg/kg	ND (5.1)	ND (3.5)	ND (3.1)	ND (5)	ND (3.5)	ND (3.2)
cis-1,3-Dichloropropene+B100	µg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Cyclohexane	µg/kg	ND (20)	ND (14)	ND (12)	ND (20)	ND (14)	ND (13)
Dibromochloromethane	µg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Dichlorodifluoromethane (CFC-12)	µg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Ethylbenzene	µg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Methyl acetate	µg/kg	64	ND (14)	ND (12)	19 J	21	4.9 J
Methyl cyclohexane	µg/kg	ND (20)	ND (14)	ND (12)	ND (20)	ND (14)	ND (13)
Methyl tert-butyl ether	µg/kg	ND (41)	ND (28)	ND (25)	ND (40)	ND (28)	ND (26)
Methylene chloride	µg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Styrene	µg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Tetrachloroethene	µg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Toluene	µg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
trans-1,2-Dichloroethene	µg/kg	ND (5.1)	ND (3.5)	ND (3.1)	ND (5)	ND (3.5)	ND (3.2)
trans-1,3-Dichloropropene	µg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Trichloroethene	µg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Trichlorofluoromethane (CFC-11)	µg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Trifluorotrichloroethane (Freon 113)	µg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Vinyl chloride	µg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)
Xylene (total)	µg/kg	ND (10)	ND (7)	ND (6.2)	ND (10)	ND (7.1)	ND (6.4)

Table 3. (cont.)

Sample Location:		SP7-S3	ST1-S5	ST1-S6	ST2-S1	ST2-S2	ST4-S2
Sample ID:		S-100701-SK-003	S-100301-SK-005	S-100301-SK-006	S-100701-SK-001	S-100701-SK-002	S-100301-SK-002
Sample Date:		10/7/2001	10/3/2001	10/3/2001	10/7/2001	10/7/2001	10/3/2001
Sample Time:		16:15	12:55	13:08	15:21	15:21	11:42
Parameter	Unit						
General Chemistry							
Cyanide (amenable)	mg/kg	ND (0.87)	ND (0.7)	ND (0.62)	ND (0.83)	ND (0.71)	ND (0.64)
Cyanide (total)	mg/kg	ND (0.87)	ND (0.7)	ND (0.62)	ND (0.83)	ND (0.71)	ND (0.64)
Total organic carbon	mg/kg	69000	24000	47000	51000	18000	20000
Total solids	%	57.8	71.3	81.3	60.2	70.8	78.3

Table 3. (cont.)

Sample Location:		ST4-S3	ST7-S4	ST7-S4	ST7-S6	ST7-S7
Sample ID:		S-100301-SK-003	S-100601-SK-004	S-100601-SK-005	S-100601-SK-006	S-100601-SK-007
Sample Date:		10/3/2001	10/6/2001	10/6/2001	10/6/2001	10/6/2001
Sample Time:		11:54	12:40	12:40	12:45	12:50
Parameter	Unit	(dupl of S-100601-SK-004)				
Metals						
Aluminum	mg/kg	7100	8410	9010	8940	5930
Antimony	mg/kg	ND (7)	ND (8.4)	ND (8.6)	ND (8.2)	ND (8)
Arsenic	mg/kg	12.4	6.5	6.3	6.7	6.2
Barium	mg/kg	166	68.7	70.1	73.6	66
Beryllium	mg/kg	0.77	0.35 J	0.38 J	0.33 J	0.29 J
Cadmium	mg/kg	1.2	0.63 J	0.7 J	0.59 J	0.64 J
Chromium	mg/kg	27.8	18.6	19.6	13.9	38.9
Cobalt	mg/kg	20.1	11.4	11.7	8.3	25.2
Copper	mg/kg	29.2	34	38.3	22.7	50.2
Iron	mg/kg	23600	15100	15300	15700	14600
Lead	mg/kg	34	25.7	26.8	20.1	26.1
Manganese	mg/kg	1640	626	658	894	605
Mercury	mg/kg	0.17	0.4	0.49	0.1 J	2
Nickel	mg/kg	25.6	24.6	25.5	16.5	61.4
Selenium	mg/kg	0.5 J	0.66 J	ND (0.71)	ND (0.68)	ND (0.67)
Silver	mg/kg	0.44 J	0.65 J	0.75 J	ND (1.4)	0.43 J
Thallium	mg/kg	ND (1.2)	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.3)
Vanadium	mg/kg	33.5	21.2	21.9	22.2	19.4
Zinc	mg/kg	108	98.3	102	81.3	111
Polychlorinated Biphenyls						
Aroclor® 1016 (PCB-1016)	µg/kg	ND (3900)	ND (4600)	ND (4700)	ND (230)	ND (8800)
Aroclor® 1221 (PCB-1221)	µg/kg	ND (3900)	ND (4600)	ND (4700)	ND (230)	ND (8800)
Aroclor® 1232 (PCB-1232)	µg/kg	ND (3900)	ND (4600)	ND (4700)	ND (230)	ND (8800)
Aroclor® 1242 (PCB-1242)	µg/kg	ND (3900)	ND (4600)	ND (4700)	ND (230)	ND (8800)
Aroclor® 1248 (PCB-1248)	µg/kg	50000	40000	24000	1800	61000
Aroclor® 1254 (PCB-1254)	µg/kg	ND (3900)	ND (4600)	ND (4700)	ND (230)	ND (8800)
Aroclor® 1260 (PCB-1260)	µg/kg	ND (3900)	ND (4600)	ND (4700)	ND (230)	ND (8800)

Table 3. (cont.)

Sample Location:		ST4-S3	ST7-S4	ST7-S4	ST7-S6	ST7-S7
Sample ID:		S-100301-SK-003	S-100601-SK-004	S-100601-SK-005	S-100601-SK-006	S-100601-SK-007
Sample Date:		10/3/2001	10/6/2001	10/6/2001	10/6/2001	10/6/2001
Sample Time:		11:54	12:40	12:40	12:45	12:50
Parameter	Unit	(dupl of S-100601-SK-004)				
Semivolatile Organic Compounds						
2,2'-oxybis(1-Chloropropane)	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
2,4,5-Trichlorophenol	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
2,4,6-Trichlorophenol	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
2,4-Dichlorophenol	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
2,4-Dimethylphenol	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
2,4-Dinitrophenol	µg/kg	ND (1900)	ND (2200)	ND (2300)	ND (2200)	ND (2100)
2,4-Dinitrotoluene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
2,6-Dinitrotoluene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
2-Chloronaphthalene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
2-Chlorophenol	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
2-Methylnaphthalene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
2-Methylphenol	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
2-Nitroaniline	µg/kg	ND (1900)	ND (2200)	ND (2300)	ND (2200)	ND (2100)
2-Nitrophenol	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
3,3'-Dichlorobenzidine	µg/kg	ND (1900)	ND (2200)	ND (2300)	ND (2200)	ND (2100)
3-Nitroaniline	µg/kg	ND (1900)	ND (2200)	ND (2300)	ND (2200)	ND (2100)
4,6-Dinitro-2-methylphenol	µg/kg	ND (1900)	ND (2200)	ND (2300)	ND (2200)	ND (2100)
4-Bromophenyl phenyl ether	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
4-Chloro-3-methylphenol	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
4-Chloroaniline	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
4-Chlorophenyl phenyl ether	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
4-Methylphenol	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
4-Nitroaniline	µg/kg	ND (1900)	ND (2200)	ND (2300)	ND (2200)	ND (2100)
4-Nitrophenol	µg/kg	ND (1900)	ND (2200)	ND (2300)	ND (2200)	ND (2100)
Acenaphthene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Acenaphthylene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Acetophenone	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Anthracene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Atrazine	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)

Table 3. (cont.)

Sample Location:		ST4-S3	ST7-S4	ST7-S4	ST7-S6	ST7-S7
Sample ID:		S-100301-SK-003	S-100601-SK-004	S-100601-SK-005	S-100601-SK-006	S-100601-SK-007
Sample Date:		10/3/2001	10/6/2001	10/6/2001	10/6/2001	10/6/2001
Sample Time:		11:54	12:40	12:40	12:45	12:50
Parameter	Unit	(dupl of S-100601-SK-004)				
Benzaldehyde	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Benz[a]anthracene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	120 J
Benzo[a]pyrene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	150 J
Benzo[b]fluoranthene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	160 J
Benzo[ghi]perylene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	130 J
Benzo[k]fluoranthene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	93 J
Biphenyl	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Bis[2-chloroethoxy]methane	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Bis[2-chloroethyl]ether	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Bis[2-ethylhexyl]phthalate	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Butyl benzylphthalate	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Caprolactam	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Carbazole	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Chrysene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	140 J
Dibenz[a,h]anthracene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Dibenzofuran	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Diethyl phthalate	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Dimethyl phthalate	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Di-n-butyl phthalate	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Di-n-octyl phthalate	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Fluoranthene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	230 J
Fluorene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Hexachlorobenzene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Hexachlorobutadiene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Hexachlorocyclopentadiene	µg/kg	ND (1900)	ND (2200)	ND (2300)	ND (2200)	ND (2100)
Hexachloroethane	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Indeno(1,2,3-cd)pyrene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	110 J
Isophorone	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Naphthalene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)
Nitrobenzene	µg/kg	ND (390)	ND (460)	ND (470)	ND (450)	ND (440)

Table 3. (cont.)

Sample Location:		ST4-S3	ST7-S4	ST7-S4	ST7-S6	ST7-S7
Sample ID:		S-100301-SK-003	S-100601-SK-004	S-100601-SK-005	S-100601-SK-006	S-100601-SK-007
Sample Date:		10/3/2001	10/6/2001	10/6/2001	10/6/2001	10/6/2001
Sample Time:		11:54	12:40	12:40	12:45	12:50
Parameter	Unit	(dupl of S-100601-SK-004)				
Chlorobenzene	µg/kg	ND (5.8)	ND (7.1)	ND (6.8)	ND (7.4)	ND (6.6)
Chloroethane	µg/kg	ND (5.8)	ND (7.1)	ND (6.8)	ND (7.4)	ND (6.6)
Chloroform (Trichloromethane)	µg/kg	ND (5.8)	ND (7.1)	ND (6.8)	ND (7.4)	ND (6.6)
Chloromethane	µg/kg	ND (5.8)	ND (7.1)	ND (6.8)	ND (7.4)	ND (6.6)
cis-1,2-Dichloroethene	µg/kg	ND (2.9)	ND (3.5)	ND (3.4)	ND (3.7)	ND (3.3)
cis-1,3-Dichloropropene+B100	µg/kg	ND (5.8)	ND (7.1)	ND (6.8)	ND (7.4)	ND (6.6)
Cyclohexane	µg/kg	ND (12)	ND (14)	ND (14)	ND (15)	ND (13)
Dibromochloromethane	µg/kg	ND (5.8)	ND (7.1)	ND (6.8)	ND (7.4)	ND (6.6)
Dichlorodifluoromethane (CFC-12)	µg/kg	ND (5.8)	ND (7.1)	ND (6.8)	ND (7.4)	ND (6.6)
Ethylbenzene	µg/kg	ND (5.8)	ND (7.1)	ND (6.8)	ND (7.4)	ND (6.6)
Methyl acetate	µg/kg	6.4 J	12 J	9.1 J	16	13
Methyl cyclohexane	µg/kg	ND (12)	ND (14)	ND (14)	2.2 J	ND (13)
Methyl tert-butyl ether	µg/kg	ND (23)	ND (28)	ND (27)	ND (30)	ND (27)
Methylene chloride	µg/kg	ND (5.8)	ND (7.1)	ND (6.8)	ND (7.4)	ND (6.6)
Styrene	µg/kg	ND (5.8)	ND (7.1)	ND (6.8)	ND (7.4)	ND (6.6)
Tetrachloroethene	µg/kg	ND (5.8)	ND (7.1)	ND (6.8)	ND (7.4)	ND (6.6)
Toluene	µg/kg	ND (5.8)	ND (7.1)	ND (6.8)	0.92 J	ND (6.6)
trans-1,2-Dichloroethene	µg/kg	ND (2.9)	ND (3.5)	ND (3.4)	ND (3.7)	ND (3.3)
trans-1,3-Dichloropropene	µg/kg	ND (5.8)	ND (7.1)	ND (6.8)	ND (7.4)	ND (6.6)
Trichloroethene	µg/kg	ND (5.8)	ND (7.1)	ND (6.8)	ND (7.4)	ND (6.6)
Trichlorofluoromethane (CFC-11)	µg/kg	ND (5.8)	ND (7.1)	ND (6.8)	ND (7.4)	ND (6.6)
Trifluorotrichloroethane (Freon 113)	µg/kg	ND (5.8)	ND (7.1)	ND (6.8)	ND (7.4)	ND (6.6)
Vinyl chloride	µg/kg	ND (5.8)	ND (7.1)	ND (6.8)	ND (7.4)	ND (6.6)
Xylene (total)	µg/kg	ND (5.8)	ND (7.1)	ND (6.8)	ND (7.4)	ND (6.6)

Table 3. (cont.)

Sample Location:		ST4-S3	ST7-S4	ST7-S4	ST7-S6	ST7-S7
Sample ID:		S-100301-SK-003	S-100601-SK-004	S-100601-SK-005	S-100601-SK-006	S-100601-SK-007
Sample Date:		10/3/2001	10/6/2001	10/6/2001	10/6/2001	10/6/2001
Sample Time:		11:54	12:40	12:40	12:45	12:50
Parameter	Unit	(dupl of S-100601-SK-004)				
General Chemistry						
Cyanide (amenable)	mg/kg	ND (0.58)	ND (0.7)	ND (0.71)	ND (0.68)	ND (0.67)
Cyanide (total)	mg/kg	ND (0.58)	ND (0.7)	ND (0.71)	ND (0.68)	ND (0.67)
Total organic carbon	mg/kg	19000	28000	30000	23000	25000
Total solids	%	85.7	71.2	70.1	73.2	74.6

Table 3. (cont.)

Sample Location:		ST11-S2	ST8-S1	ST8/11-S3	ST14-S2	ST14-S3	ST14-S4
Sample ID:		S-100601-SK-002	S-100601-SK-001	S-100601-SK-003	S-100501-SK-002	S-100501-SK-003	S-100501-SK-004
Sample Date:		10/6/2001	10/6/2001	10/6/2001	10/5/2001	10/5/2001	10/5/2001
Sample Time:		10:30	10:09	12:30	11:20	11:27	11:35
Parameter	Unit						
Metals							
Aluminum	mg/kg	9420	6610	9860	8910	9350	9180
Antimony	mg/kg	ND (8.8)	ND (8.4)	ND (8.7)	ND (8.5) UJ	ND (8.5) UJ	ND (9.2) UJ
Arsenic	mg/kg	6.6	5.6	6.9	6.6	6.7	6.7
Barium	mg/kg	89.5	68.6	91.7	83.7	85.2	86.7
Beryllium	mg/kg	0.41 J	0.32 J	0.42 J	0.62 J	0.64 J	0.67 J
Cadmium	mg/kg	0.69 J	0.79	0.71 J	0.48 J	0.39 J	0.43 J
Chromium	mg/kg	14.3	15.2	17.8	13.3	13.4	14
Cobalt	mg/kg	10.3	10.3	11.6	9.8	9.5	9.8
Copper	mg/kg	13.4	37.4	24.9	17.7	15.1	18.3
Iron	mg/kg	17500	12900	17400	16400	16500	16900
Lead	mg/kg	14.8	19.3	20.9	17.6	16.3	17.4
Manganese	mg/kg	1190	817	829	896	890	919
Mercury	mg/kg	ND (0.15) U	0.22	0.28	ND (0.14) U	ND (0.14) U	ND (0.15) U
Nickel	mg/kg	16.3	18.6	18.6	15.6	15.1	15.1
Selenium	mg/kg	0.56 J	ND (0.7)	ND (0.72)	ND (0.71)	ND (0.71)	0.69 J
Silver	mg/kg	ND (1.5)	0.22 J	ND (1.4)	ND (1.4)	ND (1.4)	ND (1.5)
Thallium	mg/kg	ND (1.5)	ND (1.4)	ND (1.4)	ND (1.4) U	ND (1.4)	ND (1.5)
Vanadium	mg/kg	23.6	17.9	24.2	22.3	23.5	23.7
Zinc	mg/kg	65.4	89.4	86.5	74.1	64.8	71.1
Polychlorinated Biphenyls							
Aroclor® 1016 (PCB-1016)	µg/kg	ND (49)	ND (2300)	ND (2400)	ND (470)	ND (230)	ND (500)
Aroclor® 1221 (PCB-1221)	µg/kg	ND (49)	ND (2300)	ND (2400)	ND (470)	ND (230)	ND (500)
Aroclor® 1232 (PCB-1232)	µg/kg	ND (49)	ND (2300)	ND (2400)	ND (470)	ND (230)	ND (500)
Aroclor® 1242 (PCB-1242)	µg/kg	ND (49)	ND (2300)	ND (2400)	ND (470)	ND (230)	ND (500)
Aroclor® 1248 (PCB-1248)	µg/kg	9.1 J	28000	31000	3600	ND (230)	2800
Aroclor® 1254 (PCB-1254)	µg/kg	ND (49)	ND (2300)	ND (2400)	ND (470)	720	ND (500)
Aroclor® 1260 (PCB-1260)	µg/kg	ND (49)	ND (2300)	ND (2400)	ND (470)	ND (230)	490 J

Table 3. (cont.)

Sample Location:		ST11-S2	ST8-S1	ST8/11-S3	ST14-S2	ST14-S3	ST14-S4
Sample ID:		S-100601-SK-002	S-100601-SK-001	S-100601-SK-003	S-100501-SK-002	S-100501-SK-003	S-100501-SK-004
Sample Date:		10/6/2001	10/6/2001	10/6/2001	10/5/2001	10/5/2001	10/5/2001
Sample Time:		10:30	10:09	12:30	11:20	11:27	11:35
Parameter	Unit						
Semivolatile Organic Compounds							
2,2'-oxybis(1-Chloropropane)	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
2,4,5-Trichlorophenol	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
2,4,6-Trichlorophenol	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
2,4-Dichlorophenol	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
2,4-Dimethylphenol	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
2,4-Dinitrophenol	µg/kg	ND (2400)	ND (2200)	ND (2300)	ND (2300)	ND (2300)	ND (2400)
2,4-Dinitrotoluene	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
2,6-Dinitrotoluene	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
2-Chloronaphthalene	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
2-Chlorophenol	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
2-Methylnaphthalene	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
2-Methylphenol	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
2-Nitroaniline	µg/kg	ND (2400)	ND (2200)	ND (2300)	ND (2300)	ND (2300)	ND (2400)
2-Nitrophenol	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
3,3'-Dichlorobenzidine	µg/kg	ND (2400)	ND (2200)	ND (2300)	ND (2300)	ND (2300)	ND (2400)
3-Nitroaniline	µg/kg	ND (2400)	ND (2200)	ND (2300)	ND (2300)	ND (2300)	ND (2400)
4,6-Dinitro-2-methylphenol	µg/kg	ND (2400)	ND (2200)	ND (2300)	ND (2300)	ND (2300)	ND (2400)
4-Bromophenyl phenyl ether	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
4-Chloro-3-methylphenol	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
4-Chloroaniline	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
4-Chlorophenyl phenyl ether	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
4-Methylphenol	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
4-Nitroaniline	µg/kg	ND (2400)	ND (2200)	ND (2300)	ND (2300)	ND (2300)	ND (2400)
4-Nitrophenol	µg/kg	ND (2400)	ND (2200)	ND (2300)	ND (2300)	ND (2300)	ND (2400)
Acenaphthene	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Acenaphthylene	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Acetophenone	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Anthracene	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Atrazine	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)

Table 3. (cont.)

Sample Location:		ST11-S2	ST8-S1	ST8/11-S3	ST14-S2	ST14-S3	ST14-S4
Sample ID:		S-100601-SK-002	S-100601-SK-001	S-100601-SK-003	S-100501-SK-002	S-100501-SK-003	S-100501-SK-004
Sample Date:		10/6/2001	10/6/2001	10/6/2001	10/5/2001	10/5/2001	10/5/2001
Sample Time:		10:30	10:09	12:30	11:20	11:27	11:35
Parameter	Unit						
Benzaldehyde	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Benz[a]anthracene	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Benzo[a]pyrene	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Benzo[b]fluoranthene	µg/kg	ND (490)	97 J	ND (480)	ND (470)	ND (470)	ND (500)
Benzo[ghi]perylene	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Benzo[k]fluoranthene	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Biphenyl	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Bis[2-chloroethoxy]methane	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Bis[2-chloroethyl]ether	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Bis[2-ethylhexyl]phthalate	µg/kg	ND (490)	87 J	ND (480)	ND (470)	ND (470)	ND (500)
Butyl benzylphthalate	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Caprolactam	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Carbazole	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Chrysene	µg/kg	ND (490)	85 J	ND (480)	ND (470)	ND (470)	ND (500)
Dibenz[a,h]anthracene	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Dibenzofuran	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Diethyl phthalate	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Dimethyl phthalate	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Di- <i>n</i> -butyl phthalate	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Di- <i>n</i> -octyl phthalate	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Fluoranthene	µg/kg	ND (490)	130 J	ND (480)	ND (470)	ND (470)	ND (500)
Fluorene	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Hexachlorobenzene	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Hexachlorobutadiene	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Hexachlorocyclopentadiene	µg/kg	ND (2400)	ND (2200)	ND (2300)	ND (2300)	ND (2300)	ND (2400)
Hexachloroethane	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Indeno(1,2,3- <i>cd</i>)pyrene	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Isophorone	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Naphthalene	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Nitrobenzene	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)

Table 3. (cont.)

Sample Location:		ST11-S2	ST8-S1	ST8/11-S3	ST14-S2	ST14-S3	ST14-S4
Sample ID:		S-100601-SK-002	S-100601-SK-001	S-100601-SK-003	S-100501-SK-002	S-100501-SK-003	S-100501-SK-004
Sample Date:		10/6/2001	10/6/2001	10/6/2001	10/5/2001	10/5/2001	10/5/2001
Sample Time:		10:30	10:09	12:30	11:20	11:27	11:35
Parameter	Unit						
<i>N</i> -Nitrosodi- <i>n</i> -propylamine	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
<i>N</i> -Nitrosodiphenylamine	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Pentachlorophenol	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Phenanthrene	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Phenol	µg/kg	ND (490)	ND (460)	ND (480)	ND (470)	ND (470)	ND (500)
Pyrene	µg/kg	ND (490)	140 J	ND (480)	ND (470)	ND (470)	ND (500)
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
1,1,2,2-Tetrachloroethane	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
1,1,2-Trichloroethane	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
1,1-Dichloroethane	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
1,1-Dichloroethene	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
1,2,4-Trichlorobenzene	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	ND (16)	ND (15)	ND (15)	ND (13)	ND (14)	ND (16)
1,2-Dibromoethane (ethylene dibromide)	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
1,2-Dichlorobenzene	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
1,2-Dichloroethane	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
1,2-Dichloropropane	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
1,3-Dichlorobenzene	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
1,4-Dichlorobenzene	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
2-Butanone	µg/kg	ND (32) UJ	ND (31) UJ	ND (29) UJ	ND (27) UJ	ND (28) UJ	ND (33) UJ
2-Hexanone	µg/kg	ND (32) UJ	ND (31) UJ	ND (29) UJ	ND (27) UJ	ND (28) UJ	ND (33) UJ
4-Methyl-2-pentanone	µg/kg	ND (32)	ND (31)	ND (29)	ND (27)	ND (28)	ND (33)
Acetone	µg/kg	ND (32) UJ	ND (31) UJ	ND (29) UJ	ND (27) UJ	ND (28) UJ	ND (33) UJ
Benzene	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Benzene, isopropyl	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Bromodichloromethane	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Bromoform	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Bromomethane	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Carbon disulfide	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Carbon tetrachloride	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)

Table 3. (cont.)

Sample Location:		ST11-S2	ST8-S1	ST8/11-S3	ST14-S2	ST14-S3	ST14-S4
Sample ID:		S-100601-SK-002	S-100601-SK-001	S-100601-SK-003	S-100501-SK-002	S-100501-SK-003	S-100501-SK-004
Sample Date:		10/6/2001	10/6/2001	10/6/2001	10/5/2001	10/5/2001	10/5/2001
Sample Time:		10:30	10:09	12:30	11:20	11:27	11:35
Parameter	Unit						
Chlorobenzene	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Chloroethane	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Chloroform (Trichloromethane)	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Chloromethane	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
cis-1,2-Dichloroethene	µg/kg	ND (3.9)	ND (3.8)	ND (3.7)	ND (3.3)	ND (3.5)	ND (4.1)
cis-1,3-Dichloropropene+B100	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Cyclohexane	µg/kg	ND (16)	ND (15)	ND (15)	ND (13)	ND (14)	ND (16)
Dibromochloromethane	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Dichlorodifluoromethane (CFC-12)	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6) UJ	ND (7) UJ	ND (8.2) UJ
Ethylbenzene	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Methyl acetate	µg/kg	10 J	10 J	9.5 J	ND (13)	ND (14)	ND (16)
Methyl cyclohexane	µg/kg	ND (16)	ND (15)	ND (15)	ND (13)	ND (14)	ND (16)
Methyl tert-butyl ether	µg/kg	ND (32)	ND (31)	ND (29)	ND (27)	ND (28)	ND (33)
Methylene chloride	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Styrene	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Tetrachloroethene	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Toluene	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
trans-1,2-Dichloroethene	µg/kg	ND (3.9)	ND (3.8)	ND (3.7)	ND (3.3)	ND (3.5)	ND (4.1)
trans-1,3-Dichloropropene	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Trichloroethene	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Trichlorofluoromethane (CFC-11)	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Trifluorotrichloroethane (Freon 113)	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Vinyl chloride	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)
Xylene (total)	µg/kg	ND (7.9)	ND (7.7)	ND (7.4)	ND (6.6)	ND (7)	ND (8.2)

Table 3. (cont.)

Sample Location:		ST11-S2	ST8-S1	ST8/11-S3	ST14-S2	ST14-S3	ST14-S4
Sample ID:		S-100601-SK-002	S-100601-SK-001	S-100601-SK-003	S-100501-SK-002	S-100501-SK-003	S-100501-SK-004
Sample Date:		10/6/2001	10/6/2001	10/6/2001	10/5/2001	10/5/2001	10/5/2001
Sample Time:		10:30	10:09	12:30	11:20	11:27	11:35
Parameter	Unit						
General Chemistry							
Cyanide (amenable)	mg/kg	ND (0.74)	ND (0.7)	ND (0.72)	ND (0.71)	ND (0.71)	ND (0.76)
Cyanide (total)	mg/kg	ND (0.74)	ND (0.7)	ND (0.72)	ND (0.71)	ND (0.71)	ND (0.76)
Total organic carbon	mg/kg	25000	27000	28000	31000	26000	31000
Total solids	%	67.9	71.5	69.3	70.7	70.3	65.5

Table 3. (cont.)

Sample Location:		ST14-S5	ST16-S18	ST16-S20	ST16-S21	ST16-S21
Sample ID:		S-100501-SK-005	S-100401-SK-018	S-100401-SK-020	S-100401-SK-021	S-100401-SK-022
Sample Date:		10/5/2001	10/4/2001	10/4/2001	10/4/2001	10/4/2001
Sample Time:		11:40	16:49	17:15	17:30	17:40
Parameter	Unit	(dupl of S-100401-SK-021)				
Metals						
Aluminum	mg/kg	8700	10800	10900	9250	8670
Antimony	mg/kg	ND (8) UJ	ND (8) UJ	ND (7.4) UJ	ND (7.6) UJ	ND (7.6) UJ
Arsenic	mg/kg	6.8	7.3	7.3	6.1	6.2
Barium	mg/kg	80.9	97.7	96.5	88.3	86.5
Beryllium	mg/kg	0.65 J	0.72	0.78	0.65	0.62 J
Cadmium	mg/kg	0.47 J	0.7	0.66	0.67	0.69
Chromium	mg/kg	13.8	17.7	16.4	16.8	16.5
Cobalt	mg/kg	9.7	12.2	9.4	11.6	11.6
Copper	mg/kg	15.6	23.9	17.2	27	25.8
Iron	mg/kg	15900	18500	18600	16400	16200
Lead	mg/kg	18.4	24.6	19.8	21.8	21.7
Manganese	mg/kg	777	980	706	921	919
Mercury	mg/kg	0.11 J	0.22	0.11 J	0.2	0.15
Nickel	mg/kg	15.1	18.8	16.7	18.3	17.9
Selenium	mg/kg	0.53 J	0.62 J	0.66	0.7	0.84
Silver	mg/kg	ND (1.3)	ND (1.3)	ND (1.2)	0.36 J	0.33 J
Thallium	mg/kg	ND (1.3)	ND (1.3)	ND (1.2)	ND (1.3)	ND (1.3)
Vanadium	mg/kg	22.3	26.2	27.8	22.4	21.9
Zinc	mg/kg	74.3	102	75.2	105	100
Polychlorinated Biphenyls						
Aroclor® 1016 (PCB-1016)	µg/kg	ND (2200)	ND (4400)	ND (2000)	ND (4200)	ND (4200)
Aroclor® 1221 (PCB-1221)	µg/kg	ND (2200)	ND (4400)	ND (2000)	ND (4200)	ND (4200)
Aroclor® 1232 (PCB-1232)	µg/kg	ND (2200)	ND (4400)	ND (2000)	ND (4200)	ND (4200)
Aroclor® 1242 (PCB-1242)	µg/kg	ND (2200)	ND (4400)	ND (2000)	ND (4200)	ND (4200)
Aroclor® 1248 (PCB-1248)	µg/kg	25000	55000	ND (2000)	32000	69000
Aroclor® 1254 (PCB-1254)	µg/kg	ND (2200)	ND (4400)	9700	ND (4200)	ND (4200)
Aroclor® 1260 (PCB-1260)	µg/kg	2300	ND (4400)	ND (2000)	ND (4200)	ND (4200)

Table 3. (cont.)

Sample Location:		ST14-S5	ST16-S18	ST16-S20	ST16-S21	ST16-S21
Sample ID:		S-100501-SK-005	S-100401-SK-018	S-100401-SK-020	S-100401-SK-021	S-100401-SK-022
Sample Date:		10/5/2001	10/4/2001	10/4/2001	10/4/2001	10/4/2001
Sample Time:		11:40	16:49	17:15	17:30	17:40
Parameter	Unit	(dupl of S-100401-SK-021)				
Semivolatile Organic Compounds						
2,2'-oxybis(1-Chloropropane)	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
2,4,5-Trichlorophenol	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
2,4,6-Trichlorophenol	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
2,4-Dichlorophenol	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
2,4-Dimethylphenol	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
2,4-Dinitrophenol	µg/kg	ND (2100)	ND (2100)	ND (2000)	ND (2000)	ND (2000)
2,4-Dinitrotoluene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
2,6-Dinitrotoluene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
2-Chloronaphthalene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
2-Chlorophenol	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
2-Methylnaphthalene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
2-Methylphenol	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
2-Nitroaniline	µg/kg	ND (2100)	ND (2100)	ND (2000)	ND (2000)	ND (2000)
2-Nitrophenol	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
3,3'-Dichlorobenzidine	µg/kg	ND (2100)	ND (2100)	ND (2000)	ND (2000)	ND (2000)
3-Nitroaniline	µg/kg	ND (2100)	ND (2100)	ND (2000)	ND (2000)	ND (2000)
4,6-Dinitro-2-methylphenol	µg/kg	ND (2100)	ND (2100)	ND (2000)	ND (2000)	ND (2000)
4-Bromophenyl phenyl ether	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
4-Chloro-3-methylphenol	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
4-Chloroaniline	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
4-Chlorophenyl phenyl ether	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
4-Methylphenol	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
4-Nitroaniline	µg/kg	ND (2100)	ND (2100)	ND (2000)	ND (2000)	ND (2000)
4-Nitrophenol	µg/kg	ND (2100)	ND (2100)	ND (2000)	ND (2000)	ND (2000)
Acenaphthene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Acenaphthylene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Acetophenone	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Anthracene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Atrazine	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)

Table 3. (cont.)

Sample Location:		ST14-S5	ST16-S18	ST16-S20	ST16-S21	ST16-S21
Sample ID:		S-100501-SK-005	S-100401-SK-018	S-100401-SK-020	S-100401-SK-021	S-100401-SK-022
Sample Date:		10/5/2001	10/4/2001	10/4/2001	10/4/2001	10/4/2001
Sample Time:		11:40	16:49	17:15	17:30	17:40
Parameter	Unit	(dupl of S-100401-SK-021)				
Benzaldehyde	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Benz[a]anthracene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Benzo[a]pyrene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Benzo[b]fluoranthene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Benzo[ghi]perylene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Benzo[k]fluoranthene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Biphenyl	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Bis[2-chloroethoxy]methane	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Bis[2-chloroethyl]ether	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Bis[2-ethylhexyl]phthalate	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Butyl benzylphthalate	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Caprolactam	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Carbazole	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Chrysene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Dibenz[a,h]anthracene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Dibenzofuran	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Diethyl phthalate	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Dimethyl phthalate	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Di-n-butyl phthalate	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Di-n-octyl phthalate	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Fluoranthene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Fluorene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Hexachlorobenzene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Hexachlorobutadiene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Hexachlorocyclopentadiene	µg/kg	ND (2100)	ND (2100)	ND (2000)	ND (2000)	ND (2000)
Hexachloroethane	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Indeno(1,2,3-cd)pyrene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Isophorone	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Naphthalene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Nitrobenzene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)

Table 3. (cont.)

Sample Location:		ST14-S5	ST16-S18	ST16-S20	ST16-S21	ST16-S21
Sample ID:		S-100501-SK-005	S-100401-SK-018	S-100401-SK-020	S-100401-SK-021	S-100401-SK-022
Sample Date:		10/5/2001	10/4/2001	10/4/2001	10/4/2001	10/4/2001
Sample Time:		11:40	16:49	17:15	17:30	17:40
Parameter	Unit	(dupl of S-100401-SK-021)				
<i>N</i> -Nitrosodi- <i>n</i> -propylamine	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
<i>N</i> -Nitrosodiphenylamine	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Pentachlorophenol	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Phenanthrene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Phenol	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Pyrene	µg/kg	ND (440)	ND (440)	ND (410)	ND (420)	ND (420)
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
1,1,2,2-Tetrachloroethane	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
1,1,2-Trichloroethane	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
1,1-Dichloroethane	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
1,1-Dichloroethene	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
1,2,4-Trichlorobenzene	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	ND (14)	ND (13)	ND (15)	ND (710)	ND (15)
1,2-Dibromoethane (ethylene dibromide)	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
1,2-Dichlorobenzene	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
1,2-Dichloroethane	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
1,2-Dichloropropane	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
1,3-Dichlorobenzene	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
1,4-Dichlorobenzene	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
2-Butanone	µg/kg	ND (27) UJ	ND (26)	ND (30)	ND (1400)	ND (29)
2-Hexanone	µg/kg	ND (27) UJ	ND (26)	ND (30)	ND (1400)	ND (29)
4-Methyl-2-pentanone	µg/kg	ND (27)	ND (26)	ND (30)	ND (1400)	ND (29)
Acetone	µg/kg	ND (27) UJ	ND (26)	ND (30)	ND (1400)	ND (29)
Benzene	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Benzene, isopropyl	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Bromodichloromethane	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Bromoform	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Bromomethane	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Carbon disulfide	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Carbon tetrachloride	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)

Table 3. (cont.)

Sample Location:		ST14-S5	ST16-S18	ST16-S20	ST16-S21	ST16-S21
Sample ID:		S-100501-SK-005	S-100401-SK-018	S-100401-SK-020	S-100401-SK-021	S-100401-SK-022
Sample Date:		10/5/2001	10/4/2001	10/4/2001	10/4/2001	10/4/2001
Sample Time:		11:40	16:49	17:15	17:30	17:40
Parameter	Unit	(dupl of S-100401-SK-021)				
Chlorobenzene	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Chloroethane	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Chloroform (Trichloromethane)	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Chloromethane	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
cis-1,2-Dichloroethene	µg/kg	ND (3.4)	ND (3.3)	ND (3.8)	ND (180)	ND (3.7)
cis-1,3-Dichloropropene+B100	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Cyclohexane	µg/kg	ND (14)	ND (13)	ND (15)	ND (710)	ND (15)
Dibromochloromethane	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Dichlorodifluoromethane (CFC-12)	µg/kg	ND (6.8) UJ	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Ethylbenzene	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Methyl acetate	µg/kg	ND (14)	8.4 J	24	560 J	19
Methyl cyclohexane	µg/kg	ND (14)	ND (13)	ND (15)	ND (710)	1.5 J
Methyl tert-butyl ether	µg/kg	ND (27)	ND (26)	ND (30)	ND (1400)	ND (29)
Methylene chloride	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Styrene	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Tetrachloroethene	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Toluene	µg/kg	ND (6.8)	ND (6.6)	1.8 J	ND (350)	3.5 J
trans-1,2-Dichloroethene	µg/kg	ND (3.4)	ND (3.3)	ND (3.8)	ND (180)	ND (3.7)
trans-1,3-Dichloropropene	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Trichloroethene	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Trichlorofluoromethane (CFC-11)	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Trifluorotrchloroethane (Freon 113)	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Vinyl chloride	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)
Xylene (total)	µg/kg	ND (6.8)	ND (6.6)	ND (7.6)	ND (350)	ND (7.3)

Table 3. (cont.)

Sample Location:		ST14-S5	ST16-S18	ST16-S20	ST16-S21	ST16-S21
Sample ID:		S-100501-SK-005	S-100401-SK-018	S-100401-SK-020	S-100401-SK-021	S-100401-SK-022
Sample Date:		10/5/2001	10/4/2001	10/4/2001	10/4/2001	10/4/2001
Sample Time:		11:40	16:49	17:15	17:30	17:40
Parameter	Unit	(dupl of S-100401-SK-021)				
General Chemistry						
Cyanide (amenable)	mg/kg	ND (0.67)	ND (0.67)	0.79	ND (0.64)	1.1
Cyanide (total)	mg/kg	ND (0.67)	ND (0.67)	ND (0.62)	ND (0.64)	ND (0.64)
Total organic carbon	mg/kg	17000	27000	19000	60000	63000
Total solids	%	74.7	74.6	81.3	78.7	78.6

Table 3. (cont.)

Sample Location:		ST18-S12	ST18-S13	ST18-S4	ST18-S5	ST18-S6
Sample ID:		S-100401-SK-012	S-100401-SK-013	S-100401-SK-004	S-100401-SK-005	S-100401-SK-006
Sample Date:		10/4/2001	10/4/2001	10/4/2001	10/4/2001	10/4/2001
Sample Time:		13:14	13:34	10:45	11:09	11:37
Parameter	Unit					
Metals						
Aluminum	mg/kg	7880	9550	7770	11100	11100
Antimony	mg/kg	ND (7.4) UJ	ND (7.7) UJ	ND (7.9) UJ	ND (7.1) UJ	ND (7.2) UJ
Arsenic	mg/kg	6	7.2	6.4	7.3	7.7
Barium	mg/kg	75.2	101	83.8	105	107
Beryllium	mg/kg	0.61 J	0.76	0.65 J	0.79	0.88
Cadmium	mg/kg	0.48 J	0.56 J	0.63 J	0.58 J	0.6
Chromium	mg/kg	11.6	13.7	13.7	15.3	16.3
Cobalt	mg/kg	7.9	9.4	10.1	9.8	9.6
Copper	mg/kg	13.2	13.8	18.3	15	14.6
Iron	mg/kg	14800	17800	15700	19100	20200
Lead	mg/kg	16.8	18.4	17.7	18.6	17.9
Manganese	mg/kg	770	944	924	950	895
Mercury	mg/kg	0.054 J	0.05 J	0.069 J	0.037 J	0.061 J
Nickel	mg/kg	12.5	15.5	14.7	16.6	17.9
Selenium	mg/kg	ND (0.62)	0.62 J	ND (0.66)	0.63	ND (0.6)
Silver	mg/kg	ND (1.2)	ND (1.3)	ND (1.3)	ND (1.2)	ND (1.2)
Thallium	mg/kg	ND (1.2)	ND (1.3)	ND (1.3)	ND (1.2)	ND (1.2)
Vanadium	mg/kg	20.3	25.8	21.5	27.2	28.8
Zinc	mg/kg	61.7	64.8	70.3	74.1	67.4
Polychlorinated Biphenyls						
Aroclor® 1016 (PCB-1016)	µg/kg	ND (200)	ND (43)	ND (870)	ND (78)	ND (40)
Aroclor® 1221 (PCB-1221)	µg/kg	ND (200)	ND (43)	ND (870)	ND (78)	ND (40)
Aroclor® 1232 (PCB-1232)	µg/kg	ND (200)	ND (43)	ND (870)	ND (78)	ND (40)
Aroclor® 1242 (PCB-1242)	µg/kg	ND (200)	ND (43)	ND (870)	ND (78)	ND (40)
Aroclor® 1248 (PCB-1248)	µg/kg	ND (200)	ND (43)	5600	ND (78)	ND (40)
Aroclor® 1254 (PCB-1254)	µg/kg	320	130	ND (870)	260	120
Aroclor® 1260 (PCB-1260)	µg/kg	ND (200)	ND (43)	ND (870)	ND (78)	ND (40)

Table 3. (cont.)

Sample Location:		ST18-S12	ST18-S13	ST18-S4	ST18-S5	ST18-S6
Sample ID:		S-100401-SK-012	S-100401-SK-013	S-100401-SK-004	S-100401-SK-005	S-100401-SK-006
Sample Date:		10/4/2001	10/4/2001	10/4/2001	10/4/2001	10/4/2001
Sample Time:		13:14	13:34	10:45	11:09	11:37
Parameter	Unit					
Semivolatile Organic Compounds						
2,2'-oxybis(1-Chloropropane)	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
2,4,5-Trichlorophenol	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
2,4,6-Trichlorophenol	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
2,4-Dichlorophenol	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
2,4-Dimethylphenol	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
2,4-Dinitrophenol	µg/kg	ND (2000)	ND (2100)	ND (2100)	ND (1900)	ND (1900)
2,4-Dinitrotoluene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
2,6-Dinitrotoluene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
2-Chloronaphthalene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
2-Chlorophenol	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
2-Methylnaphthalene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
2-Methylphenol	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
2-Nitroaniline	µg/kg	ND (2000)	ND (2100)	ND (2100)	ND (1900)	ND (1900)
2-Nitrophenol	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
3,3'-Dichlorobenzidine	µg/kg	ND (2000)	ND (2100)	ND (2100)	ND (1900)	ND (1900)
3-Nitroaniline	µg/kg	ND (2000)	ND (2100)	ND (2100)	ND (1900)	ND (1900)
4,6-Dinitro-2-methylphenol	µg/kg	ND (2000)	ND (2100)	ND (2100)	ND (1900)	ND (1900)
4-Bromophenyl phenyl ether	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
4-Chloro-3-methylphenol	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
4-Chloroaniline	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
4-Chlorophenyl phenyl ether	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
4-Methylphenol	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
4-Nitroaniline	µg/kg	ND (2000)	ND (2100)	ND (2100)	ND (1900)	ND (1900)
4-Nitrophenol	µg/kg	ND (2000)	ND (2100)	ND (2100)	ND (1900)	ND (1900)
Acenaphthene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Acenaphthylene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Acetophenone	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Anthracene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Atrazine	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)

Table 3. (cont.)

Sample Location:		ST18-S12	ST18-S13	ST18-S4	ST18-S5	ST18-S6
Sample ID:		S-100401-SK-012	S-100401-SK-013	S-100401-SK-004	S-100401-SK-005	S-100401-SK-006
Sample Date:		10/4/2001	10/4/2001	10/4/2001	10/4/2001	10/4/2001
Sample Time:		13:14	13:34	10:45	11:09	11:37
Parameter	Unit					
Benzaldehyde	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Benz[a]anthracene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Benzo[a]pyrene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Benzo[b]fluoranthene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Benzo[ghi]perylene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Benzo[k]fluoranthene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Biphenyl	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Bis[2-chloroethoxy]methane	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Bis[2-chloroethyl]ether	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Bis[2-ethylhexyl]phthalate	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Butyl benzylphthalate	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Caprolactam	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Carbazole	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Chrysene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Dibenz[a,h]anthracene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Dibenzofuran	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Diethyl phthalate	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Dimethyl phthalate	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Di-n-butyl phthalate	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Di-n-octyl phthalate	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Fluoranthene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Fluorene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Hexachlorobenzene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Hexachlorobutadiene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Hexachlorocyclopentadiene	µg/kg	ND (2000)	ND (2100)	ND (2100)	ND (1900)	ND (1900)
Hexachloroethane	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Indeno(1,2,3-cd)pyrene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Isophorone	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Naphthalene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Nitrobenzene	µg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)

Table 3. (cont.)

Sample Location:		ST18-S12	ST18-S13	ST18-S4	ST18-S5	ST18-S6
Sample ID:		S-100401-SK-012	S-100401-SK-013	S-100401-SK-004	S-100401-SK-005	S-100401-SK-006
Sample Date:		10/4/2001	10/4/2001	10/4/2001	10/4/2001	10/4/2001
Sample Time:		13:14	13:34	10:45	11:09	11:37
Parameter	Unit					
<i>N</i> -Nitrosodi- <i>n</i> -propylamine	μg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
<i>N</i> -Nitrosodiphenylamine	μg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Pentachlorophenol	μg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Phenanthrene	μg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Phenol	μg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Pyrene	μg/kg	ND (410)	ND (430)	ND (430)	ND (390)	ND (400)
Volatile Organic Compounds						
1,1,1-Trichloroethane	μg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
1,1,2,2-Tetrachloroethane	μg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
1,1,2-Trichloroethane	μg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
1,1-Dichloroethane	μg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
1,1-Dichloroethene	μg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
1,2,4-Trichlorobenzene	μg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
1,2-Dibromo-3-chloropropane (DBCP)	μg/kg	ND (12)	ND (12)	ND (20)	ND (14)	ND (14)
1,2-Dibromoethane (ethylene dibromide)	μg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
1,2-Dichlorobenzene	μg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
1,2-Dichloroethane	μg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
1,2-Dichloropropane	μg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
1,3-Dichlorobenzene	μg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
1,4-Dichlorobenzene	μg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
2-Butanone	μg/kg	ND (24)	ND (25)	ND (40)	ND (29)	ND (29)
2-Hexanone	μg/kg	ND (24)	ND (25)	ND (40)	ND (29)	ND (29)
4-Methyl-2-pentanone	μg/kg	ND (24)	ND (25)	ND (40)	ND (29)	ND (29)
Acetone	μg/kg	ND (24)	ND (25)	ND (40)	ND (29)	ND (29)
Benzene	μg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Benzene, isopropyl	μg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Bromodichloromethane	μg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Bromoform	μg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Bromomethane	μg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Carbon disulfide	μg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Carbon tetrachloride	μg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)

Table 3. (cont.)

Sample Location:		ST18-S12	ST18-S13	ST18-S4	ST18-S5	ST18-S6
Sample ID:		S-100401-SK-012	S-100401-SK-013	S-100401-SK-004	S-100401-SK-005	S-100401-SK-006
Sample Date:		10/4/2001	10/4/2001	10/4/2001	10/4/2001	10/4/2001
Sample Time:		13:14	13:34	10:45	11:09	11:37
Parameter	Unit					
Chlorobenzene	µg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Chloroethane	µg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Chloroform (Trichloromethane)	µg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Chloromethane	µg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
cis-1,2-Dichloroethene	µg/kg	ND (3)	ND (3.1)	ND (5)	ND (3.6)	ND (3.6)
cis-1,3-Dichloropropene+B100	µg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Cyclohexane	µg/kg	ND (12)	ND (12)	ND (20)	ND (14)	ND (14)
Dibromochloromethane	µg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Dichlorodifluoromethane (CFC-12)	µg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Ethylbenzene	µg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Methyl acetate	µg/kg	7.1 J	8.5 J	22	40	6.4 J
Methyl cyclohexane	µg/kg	0.88 J	ND (12)	ND (20)	1.2 J	1.2 J
Methyl tert-butyl ether	µg/kg	ND (24)	ND (25)	ND (40)	ND (29)	ND (29)
Methylene chloride	µg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Styrene	µg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Tetrachloroethene	µg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Toluene	µg/kg	0.83 J	ND (6.2)	ND (10)	ND (7.2)	1.4 J
trans-1,2-Dichloroethene	µg/kg	ND (3)	ND (3.1)	ND (5)	ND (3.6)	ND (3.6)
trans-1,3-Dichloropropene	µg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Trichloroethene	µg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Trichlorofluoromethane (CFC-11)	µg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Trifluorotrichloroethane (Freon 113)	µg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Vinyl chloride	µg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)
Xylene (total)	µg/kg	ND (6)	ND (6.2)	ND (10)	ND (7.2)	ND (7.2)

Table 3. (cont.)

Sample Location:		ST18-S12	ST18-S13	ST18-S4	ST18-S5	ST18-S6
Sample ID:		S-100401-SK-012	S-100401-SK-013	S-100401-SK-004	S-100401-SK-005	S-100401-SK-006
Sample Date:		10/4/2001	10/4/2001	10/4/2001	10/4/2001	10/4/2001
Sample Time:		13:14	13:34	10:45	11:09	11:37
Parameter	Unit					
General Chemistry						
Cyanide (amenable)	mg/kg	ND (0.62)	ND (0.64)	ND (0.66)	ND (0.59)	ND (0.6)
Cyanide (total)	mg/kg	ND (0.62)	ND (0.64)	ND (0.66)	ND (0.59)	ND (0.6)
Total organic carbon	mg/kg	18000	21000	26000	21000	18000
Total solids	%	81	77.6	76.1	84.5	82.8

Table 3. (cont.)

Sample Location:		ST18-S7	ST18A-S15	ST18A-S16
Sample ID:		S-100401-SK-007	S-100401-SK-015	S-100401-SK-016
Sample Date:		10/4/2001	10/4/2001	10/4/2001
Sample Time:		11:50	14:33	15:10
Parameter	Unit			
Metals				
Aluminum	mg/kg	10200	8330	10500
Antimony	mg/kg	ND (7.4) UJ	ND (7.7) UJ	ND (7.4) UJ
Arsenic	mg/kg	6.9	6.6	7.8
Barium	mg/kg	105	83.5	99.9
Beryllium	mg/kg	0.81	0.67	0.78
Cadmium	mg/kg	0.42 J	0.61 J	0.48 J
Chromium	mg/kg	14.4	14.5	14.7
Cobalt	mg/kg	8.3	10.3	9.4
Copper	mg/kg	12.1	18.6	15.1
Iron	mg/kg	18000	16300	19100
Lead	mg/kg	15.7	18.5	18.2
Manganese	mg/kg	718	907	862
Mercury	mg/kg	0.039 J	0.088 J	0.051 J
Nickel	mg/kg	15.3	15.9	16
Selenium	mg/kg	0.47 J	0.57 J	0.47 J
Silver	mg/kg	ND (1.2)	0.2 J	ND (1.2)
Thallium	mg/kg	ND (1.2)	ND (1.3)	ND (1.2)
Vanadium	mg/kg	26.8	22.7	27
Zinc	mg/kg	59.2	75	70.1
Polychlorinated Biphenyls				
Aroclor® 1016 (PCB-1016)	µg/kg	ND (82)	ND (840)	ND (81)
Aroclor® 1221 (PCB-1221)	µg/kg	ND (82)	ND (840)	ND (81)
Aroclor® 1232 (PCB-1232)	µg/kg	ND (82)	ND (840)	ND (81)
Aroclor® 1242 (PCB-1242)	µg/kg	ND (82)	ND (840)	ND (81)
Aroclor® 1248 (PCB-1248)	µg/kg	ND (82)	8000	ND (81)
Aroclor® 1254 (PCB-1254)	µg/kg	120	ND (840)	180
Aroclor® 1260 (PCB-1260)	µg/kg	ND (82)	ND (840)	ND (81)

Table 3. (cont.)

Sample Location:		ST18-S7	ST18A-S15	ST18A-S16
Sample ID:		S-100401-SK-007	S-100401-SK-015	S-100401-SK-016
Sample Date:		10/4/2001	10/4/2001	10/4/2001
Sample Time:		11:50	14:33	15:10
Parameter	Unit			
Semivolatile Organic Compounds				
2,2'-oxybis(1-Chloropropane)	µg/kg	ND (410)	ND (420)	ND (410)
2,4,5-Trichlorophenol	µg/kg	ND (410)	ND (420)	ND (410)
2,4,6-Trichlorophenol	µg/kg	ND (410)	ND (420)	ND (410)
2,4-Dichlorophenol	µg/kg	ND (410)	ND (420)	ND (410)
2,4-Dimethylphenol	µg/kg	ND (410)	ND (420)	ND (410)
2,4-Dinitrophenol	µg/kg	ND (2000)	ND (2000)	ND (2000)
2,4-Dinitrotoluene	µg/kg	ND (410)	ND (420)	ND (410)
2,6-Dinitrotoluene	µg/kg	ND (410)	ND (420)	ND (410)
2-Chloronaphthalene	µg/kg	ND (410)	ND (420)	ND (410)
2-Chlorophenol	µg/kg	ND (410)	ND (420)	ND (410)
2-Methylnaphthalene	µg/kg	ND (410)	ND (420)	ND (410)
2-Methylphenol	µg/kg	ND (410)	ND (420)	ND (410)
2-Nitroaniline	µg/kg	ND (2000)	ND (2000)	ND (2000)
2-Nitrophenol	µg/kg	ND (410)	ND (420)	ND (410)
3,3'-Dichlorobenzidine	µg/kg	ND (2000)	ND (2000)	ND (2000)
3-Nitroaniline	µg/kg	ND (2000)	ND (2000)	ND (2000)
4,6-Dinitro-2-methylphenol	µg/kg	ND (2000)	ND (2000)	ND (2000)
4-Bromophenyl phenyl ether	µg/kg	ND (410)	ND (420)	ND (410)
4-Chloro-3-methylphenol	µg/kg	ND (410)	ND (420)	ND (410)
4-Chloroaniline	µg/kg	ND (410)	ND (420)	ND (410)
4-Chlorophenyl phenyl ether	µg/kg	ND (410)	ND (420)	ND (410)
4-Methylphenol	µg/kg	ND (410)	ND (420)	ND (410)
4-Nitroaniline	µg/kg	ND (2000)	ND (2000)	ND (2000)
4-Nitrophenol	µg/kg	ND (2000)	ND (2000)	ND (2000)
Acenaphthene	µg/kg	ND (410)	ND (420)	ND (410)
Acenaphthylene	µg/kg	ND (410)	ND (420)	ND (410)
Acetophenone	µg/kg	ND (410)	ND (420)	ND (410)
Anthracene	µg/kg	ND (410)	ND (420)	ND (410)
Atrazine	µg/kg	ND (410)	ND (420)	ND (410)

Table 3. (cont.)

Sample Location:		ST18-S7	ST18A-S15	ST18A-S16
Sample ID:		S-100401-SK-007	S-100401-SK-015	S-100401-SK-016
Sample Date:		10/4/2001	10/4/2001	10/4/2001
Sample Time:		11:50	14:33	15:10
Parameter	Unit			
Benzaldehyde	µg/kg	ND (410)	ND (420)	ND (410)
Benz[a]anthracene	µg/kg	ND (410)	ND (420)	ND (410)
Benzo[a]pyrene	µg/kg	ND (410)	ND (420)	ND (410)
Benzo[b]fluoranthene	µg/kg	ND (410)	ND (420)	ND (410)
Benzo[ghi]perylene	µg/kg	ND (410)	ND (420)	ND (410)
Benzo[k]fluoranthene	µg/kg	ND (410)	ND (420)	ND (410)
Biphenyl	µg/kg	ND (410)	ND (420)	ND (410)
Bis[2-chloroethoxy]methane	µg/kg	ND (410)	ND (420)	ND (410)
Bis[2-chloroethyl]ether	µg/kg	ND (410)	ND (420)	ND (410)
Bis[2-ethylhexyl]phthalate	µg/kg	ND (410)	ND (420)	ND (410)
Butyl benzylphthalate	µg/kg	ND (410)	ND (420)	ND (410)
Caprolactam	µg/kg	ND (410)	ND (420)	ND (410)
Carbazole	µg/kg	ND (410)	ND (420)	ND (410)
Chrysene	µg/kg	ND (410)	ND (420)	ND (410)
Dibenz[a,h]anthracene	µg/kg	ND (410)	ND (420)	ND (410)
Dibenzofuran	µg/kg	ND (410)	ND (420)	ND (410)
Diethyl phthalate	µg/kg	ND (410)	ND (420)	ND (410)
Dimethyl phthalate	µg/kg	ND (410)	ND (420)	ND (410)
Di- <i>n</i> -butyl phthalate	µg/kg	ND (410)	ND (420)	ND (410)
Di- <i>n</i> -octyl phthalate	µg/kg	ND (410)	ND (420)	ND (410)
Fluoranthene	µg/kg	ND (410)	ND (420)	ND (410)
Fluorene	µg/kg	ND (410)	ND (420)	ND (410)
Hexachlorobenzene	µg/kg	ND (410)	ND (420)	ND (410)
Hexachlorobutadiene	µg/kg	ND (410)	ND (420)	ND (410)
Hexachlorocyclopentadiene	µg/kg	ND (2000)	ND (2000)	ND (2000)
Hexachloroethane	µg/kg	ND (410)	ND (420)	ND (410)
Indeno(1,2,3-cd)pyrene	µg/kg	ND (410)	ND (420)	ND (410)
Isophorone	µg/kg	ND (410)	ND (420)	ND (410)
Naphthalene	µg/kg	ND (410)	ND (420)	ND (410)
Nitrobenzene	µg/kg	ND (410)	ND (420)	ND (410)

Table 3. (cont.)

Sample Location:		ST18-S7	ST18A-S15	ST18A-S16
Sample ID:		S-100401-SK-007	S-100401-SK-015	S-100401-SK-016
Sample Date:		10/4/2001	10/4/2001	10/4/2001
Sample Time:		11:50	14:33	15:10
Parameter	Unit			
<i>N</i> -Nitrosodi- <i>n</i> -propylamine	µg/kg	ND (410)	ND (420)	ND (410)
<i>N</i> -Nitrosodiphenylamine	µg/kg	ND (410)	ND (420)	ND (410)
Pentachlorophenol	µg/kg	ND (410)	ND (420)	ND (410)
Phenanthrene	µg/kg	ND (410)	ND (420)	ND (410)
Phenol	µg/kg	ND (410)	ND (420)	ND (410)
Pyrene	µg/kg	ND (410)	ND (420)	ND (410)
Volatile Organic Compounds				
1,1,1-Trichloroethane	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
1,1,2,2-Tetrachloroethane	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
1,1,2-Trichloroethane	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
1,1-Dichloroethane	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
1,1-Dichloroethene	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
1,2,4-Trichlorobenzene	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	ND (12)	ND (13)	ND (11)
1,2-Dibromoethane (ethylene dibromide)	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
1,2-Dichlorobenzene	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
1,2-Dichloroethane	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
1,2-Dichloropropane	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
1,3-Dichlorobenzene	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
1,4-Dichlorobenzene	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
2-Butanone	µg/kg	ND (23)	ND (25)	ND (23)
2-Hexanone	µg/kg	ND (23)	ND (25)	ND (23)
4-Methyl-2-pentanone	µg/kg	ND (23)	ND (25)	ND (23)
Acetone	µg/kg	ND (23)	ND (25)	ND (23)
Benzene	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Benzene, isopropyl	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Bromodichloromethane	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Bromoform	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Bromomethane	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Carbon disulfide	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Carbon tetrachloride	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)

Table 3. (cont.)

Sample Location:		ST18-S7	ST18A-S15	ST18A-S16
Sample ID:		S-100401-SK-007	S-100401-SK-015	S-100401-SK-016
Sample Date:		10/4/2001	10/4/2001	10/4/2001
Sample Time:		11:50	14:33	15:10
Parameter	Unit			
Chlorobenzene	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Chloroethane	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Chloroform (Trichloromethane)	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Chloromethane	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
<i>cis</i> -1,2-Dichloroethene	µg/kg	ND (2.9)	ND (3.2)	ND (2.8)
<i>cis</i> -1,3-Dichloropropene+B100	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Cyclohexane	µg/kg	ND (12)	ND (13)	ND (11)
Dibromochloromethane	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Dichlorodifluoromethane (CFC-12)	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Ethylbenzene	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Methyl acetate	µg/kg	16	12 J	8.7 J
Methyl cyclohexane	µg/kg	ND (12)	ND (13)	1.5 J
Methyl <i>tert</i> -butyl ether	µg/kg	ND (23)	ND (25)	ND (23)
Methylene chloride	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Styrene	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Tetrachloroethene	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Toluene	µg/kg	ND (5.8)	ND (6.3)	1.1 J
<i>trans</i> -1,2-Dichloroethene	µg/kg	ND (2.9)	ND (3.2)	ND (2.8)
<i>trans</i> -1,3-Dichloropropene	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Trichloroethene	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Trichlorofluoromethane (CFC-11)	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Trifluorotrichloroethane (Freon 113)	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Vinyl chloride	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)
Xylene (total)	µg/kg	ND (5.8)	ND (6.3)	ND (5.7)

Table 3. (cont.)

Sample Location:		ST18-S7	ST18A-S15	ST18A-S16
Sample ID:		S-100401-SK-007	S-100401-SK-015	S-100401-SK-016
Sample Date:		10/4/2001	10/4/2001	10/4/2001
Sample Time:		11:50	14:33	15:10
Parameter	Unit			
General Chemistry				
Cyanide (amenable)	mg/kg	ND (0.62)	ND (0.64)	ND (0.62)
Cyanide (total)	mg/kg	ND (0.62)	ND (0.64)	ND (0.62)
Total organic carbon	mg/kg	8700	25000	29000
Total solids	%	80.6	78.3	81.1

- Note:** J - the reported laboratory result is qualified as an estimated value
 ND - not detected at the Method Detection Limit included in paranthesis
 ND () U - the laboratory result has been qualified as non-detect above the value in parathesis
 UJ - the laboratory report limit and MDL values are qualified as estimated values

Table 4. Biota analytical results summary—October 2001 stream sampling

Sample Location:		R1-F10	R1-F8	R1-F9	ST1-F5	ST1-F6
Sample ID:		F-100301-CK-010	F-100301-CK-008	F-100301-CK-009	F-100301-CK-005	F-100301-CK-006
Sample Date:		10/3/2001	10/3/2001	10/3/2001	10/3/2001	10/3/2001
Sample Time:		17:30	17:30	12:30	14:10	14:10
Species:		Largemouth Bass	Green Sunfish	Crayfish	Green Sunfish	Central Stoneroller
Sample Type:		Fillet	Whole Body Composite	Whole Body Composite	Whole Body Composite	Whole Body Composite
Parameter	Unit					
Dioxin Furans						
Lipids	%	ND ()	ND ()	1	ND ()	3.2
Metals						
Mercury	mg/kg	0.37	0.11	ND (0.1) U	0.11	ND (0.1) U
Polychlorinated Biphenyls						
Aroclor® 1016 (PCB-1016)	µg/kg	ND (33)	ND (100)	ND (100)	ND (5000)	ND (500000)
Aroclor® 1221 (PCB-1221)	µg/kg	ND (33)	ND (100)	ND (100)	ND (5000)	ND (500000)
Aroclor® 1232 (PCB-1232)	µg/kg	ND (33)	ND (100)	ND (100)	ND (5000)	ND (500000)
Aroclor® 1242 (PCB-1242)	µg/kg	ND (33)	ND (100)	ND (100)	ND (5000)	ND (500000)
Aroclor® 1248 (PCB-1248)	µg/kg	5.3 J	23 J	210 J	26000	1600000 J
Aroclor® 1254 (PCB-1254)	µg/kg	ND (33)	ND (100)	ND (100)	ND (5000)	ND (500000)
Aroclor® 1260 (PCB-1260)	µg/kg	ND (33)	ND (100)	51 J	3100 J	98000 J
General Chemistry						
Total solids	%	24	21	34	24	27

Table 4. (cont.)

Sample Location:	ST4-F1	ST4-F2	ST4-F4	ST8-F29	ST8-F31	
Sample ID:	F-100301-CK-001	F-100301-CK-002	F-100301-CK-004	F-100701-CK-029	F-100701-CK-031	
Sample Date:	10/3/2001	10/3/2001	10/3/2001	10/7/2001	10/7/2001	
Sample Time:	11:10	11:10	11:10	17:00	17:00	
Species:	Green Sunfish	Central Stoneroller	Crayfish	Central Stoneroller	Crayfish	
Sample Type:	Whole Body Composite	Whole Body Composite	Whole Body Composite	Whole Body Composite	Whole Body Composite	
Parameter	Unit					
Dioxin Furans						
Lipids	%	1.8	4	ND ()	5	ND ()
Metals						
Mercury	mg/kg	0.11	ND (0.1) U	ND (0.1) U	ND (0.1) U	ND (0.1) U
Polychlorinated Biphenyls						
Aroclor® 1016 (PCB-1016)	µg/kg	ND (10000)	ND (20000)	ND (2000)	ND (50000)	ND (1000)
Aroclor® 1221 (PCB-1221)	µg/kg	ND (10000)	ND (20000)	ND (2000)	ND (50000)	ND (1000)
Aroclor® 1232 (PCB-1232)	µg/kg	ND (10000)	ND (20000)	ND (2000)	ND (50000)	ND (1000)
Aroclor® 1242 (PCB-1242)	µg/kg	ND (10000)	ND (20000)	ND (2000)	ND (50000)	ND (1000)
Aroclor® 1248 (PCB-1248)	µg/kg	88000	240000	8400	540000	6200
Aroclor® 1254 (PCB-1254)	µg/kg	ND (10000)	ND (20000)	ND (2000)	ND (50000)	ND (1000)
Aroclor® 1260 (PCB-1260)	µg/kg	ND (10000)	ND (20000)	ND (2000)	ND (50000)	750 J
General Chemistry						
Total solids	%	29	22	29	25	31

Table 4. (cont.)

Sample Location:		ST8-F32	ST10-F22	ST10-F24	ST10-F28	ST13-F25
Sample ID:		F-100701-CK-032	F-100701-CK-022	F-100701-CK-024	F-100701-CK-028	F-100701-CK-025
Sample Date:		10/7/2001	10/7/2001	10/7/2001	10/7/2001	10/7/2001
Sample Time:		17:00	12:00	12:00	12:00	15:00
Species:		Green Sunfish	Central Stoneroller	Green Sunfish	Crayfish	Central Stoneroller
Sample Type:		Whole Body Composite	Whole Body Composite	Whole Body Composite	Whole Body Composite	Whole Body Composite
Parameter	Unit					
Dioxin Furans						
Lipids	%	2	2.2	1.4	ND ()	4.2
Metals						
Mercury	mg/kg	0.18	ND (0.1) U	0.18	ND (0.1) U	ND (0.1) U
Polychlorinated Biphenyls						
Aroclor® 1016 (PCB-1016)	µg/kg	ND (50000)	ND (100)	ND (500)	ND (100)	ND (100000)
Aroclor® 1221 (PCB-1221)	µg/kg	ND (50000)	ND (100)	ND (500)	ND (100)	ND (100000)
Aroclor® 1232 (PCB-1232)	µg/kg	ND (50000)	ND (100)	ND (500)	ND (100)	ND (100000)
Aroclor® 1242 (PCB-1242)	µg/kg	ND (50000)	ND (100)	ND (500)	ND (100)	ND (100000)
Aroclor® 1248 (PCB-1248)	µg/kg	140000	550 J	1700	ND (100)	210000
Aroclor® 1254 (PCB-1254)	µg/kg	ND (50000)	ND (100)	ND (500)	ND (100)	ND (100000)
Aroclor® 1260 (PCB-1260)	µg/kg	ND (50000)	140 J	330 J	ND (100)	ND (100000)
General Chemistry						
Total solids	%	25	28	28	30	31

Table 4. (cont.)

Sample Location:		ST13-F26	ST13-F27	ST15-F33	ST15-F34	ST15-F36
Sample ID:		F-100701-CK-026	F-100701-CK-027	F-100701-CK-033	F-100701-CK-034	F-100701-CK-036
Sample Date:		10/7/2001	10/7/2001	10/7/2001	10/7/2001	10/7/2001
Sample Time:		15:00	15:00	10:00	10:00	10:00
Species:		Crayfish	Green Sunfish	Crayfish	Central Stoneroller	Green Sunfish
Sample Type:		Whole Body Composite	Whole Body Composite	Whole Body Composite	Whole Body Composite	Whole Body Composite
Parameter	Unit					
Dioxin Furans						
Lipids	%	3.3	1.8	ND ()	4.2	1.7
Metals						
Mercury	mg/kg	ND (0.1) U	ND (0.1) U	0.16	ND (0.1) U	0.15
Polychlorinated Biphenyls						
Aroclor® 1016 (PCB-1016)	µg/kg	ND (2000)	ND (10000)	ND (1000)	ND (10000)	ND (10000)
Aroclor® 1221 (PCB-1221)	µg/kg	ND (2000)	ND (10000)	ND (1000)	ND (10000)	ND (10000)
Aroclor® 1232 (PCB-1232)	µg/kg	ND (2000)	ND (10000)	ND (1000)	ND (10000)	ND (10000)
Aroclor® 1242 (PCB-1242)	µg/kg	ND (2000)	ND (10000)	ND (1000)	ND (10000)	ND (10000)
Aroclor® 1248 (PCB-1248)	µg/kg	16000	71000	5100	140000	46000
Aroclor® 1254 (PCB-1254)	µg/kg	ND (2000)	ND (10000)	ND (1000)	ND (10000)	ND (10000)
Aroclor® 1260 (PCB-1260)	µg/kg	2200	6700 J	820 J	11000	ND (10000)
General Chemistry						
Total solids	%	36	24	31	27	25

Table 4. (cont.)

Sample Location:		ST18-F16	ST18-F20	ST18-F39	ST19-F15	ST19-F19	ST19-F37
Sample ID:		F-100501-CK-016	F-100701-CK-020	F-100501-CK-039	F-100501-CK-015	F-100701-CK-019	F-100701-CK-037
Sample Date:		10/5/2001	10/7/2001	10/5/2001	10/5/2001	10/7/2001	10/7/2001
Sample Time:		18:00	08:00	16:00	16:00	10:30	10:30
Species:		Green Sunfish	Central Stoneroller	Crayfish	Green Sunfish	White Crappie	Black Redhorse
Sample Type:		Whole Body Composite	Whole Body Composite	Whole Body Composite	Whole Body Composite	Fillet	Whole Body
Parameter	Unit			0-10	10-20	0-10	10-20
Dioxin Furans							
Lipids	%	ND ()	3.4	1.6	1.1	ND ()	ND ()
Metals							
Mercury	mg/kg	ND (0.1) U	ND (0.1) U	ND (0.1) U	ND (0.1) U	0.12	0.31
Polychlorinated Biphenyls							
Aroclor® 1016 (PCB-1016)	µg/kg	ND (2000)	ND (5000)	ND (720)	ND (1000)	ND (240)	ND (1000)
Aroclor® 1221 (PCB-1221)	µg/kg	ND (2000)	ND (5000)	ND (720)	ND (1000)	ND (240)	ND (1000)
Aroclor® 1232 (PCB-1232)	µg/kg	ND (2000)	ND (5000)	ND (720)	ND (1000)	ND (240)	ND (1000)
Aroclor® 1242 (PCB-1242)	µg/kg	ND (2000)	ND (5000)	ND (720)	ND (1000)	ND (240)	ND (1000)
Aroclor® 1248 (PCB-1248)	µg/kg	11000	26000	2200	8700	1500	10000
Aroclor® 1254 (PCB-1254)	µg/kg	ND (2000)	ND (5000)	ND (720)	ND (1000)	ND (240)	ND (1000)
Aroclor® 1260 (PCB-1260)	µg/kg	1500 J	2200 J	400 J	1000	180 J	1100
General Chemistry							
Total solids	%	22	24	33	25	23	27

Table 4. (cont.)

Sample Location:		ST21-F11	ST21-F38	ST23-F12	ST23-F13	ST23-F14
Sample ID:		F-100401-CK-011	F-100401-CK-038	F-100501-CK-012	F-100501-CK-013	F-100501-CK-014
Sample Date:		10/4/2001	10/4/2001	10/5/2001	10/5/2001	10/5/2001
Sample Time:		18:00	18:00	12:00	12:00	12:00
Species:		Bluegill	Spotted Sucker	Channel Catfish	Spotted Bass	Black Redhorse
Sample Type:		Whole Body Composite	Whole Body	Fillet	Whole Body Composite	Whole Body
Parameter	Unit					
Dioxin Furans						
Lipids	%	1.9	3.1	ND ()	ND ()	1.3
Metals						
Mercury	mg/kg	ND (0.1) U	ND (0.1) U	0.23	0.31	ND (0.1) U
Polychlorinated Biphenyls						
Aroclor® 1016 (PCB-1016)	µg/kg	ND (1000)	ND (500)	ND (170)	ND (100)	ND (200)
Aroclor® 1221 (PCB-1221)	µg/kg	ND (1000)	ND (500)	ND (170)	ND (100)	ND (200)
Aroclor® 1232 (PCB-1232)	µg/kg	ND (1000)	ND (500)	ND (170)	ND (100)	ND (200)
Aroclor® 1242 (PCB-1242)	µg/kg	ND (1000)	ND (500)	ND (170)	ND (100)	ND (200)
Aroclor® 1248 (PCB-1248)	µg/kg	2900	1700	890	150	840 J
Aroclor® 1254 (PCB-1254)	µg/kg	ND (1000)	ND (500)	ND (170)	ND (100)	ND (200)
Aroclor® 1260 (PCB-1260)	µg/kg	790 J	ND (500)	100 J	40 J	90 J
General Chemistry						
Total solids	%	25	26	21	26	25

Note: J - the reported laboratory result is qualified as an estimated value
 ND - not detected at the Method Detection Limit included in paranthesis
 ND () U - the laboratory result has been qualified as non-detect above the value in parathesis
 UJ - the laboratory report limit and MDL values are qualified as estimated values

Table 5. Summary of PCB detections

Matrix	Concentration Units	Measurement Basis	Number of Samples	Number of Detected Values	Minimum Detected Value	Mean Detected Value	Maximum Detected Value
Upstream Reference							
Sediment	µg/kg	dry	2	0			
Surface water	µg/L	filtered	2	0			
Surface water	µg/L	unfiltered	2	0			
Biota	µg/kg	wet	6	5	5.3	600	2,000
Salt Creek							
Sediment	µg/kg	dry	5	5	19	46	69
Surface water	µg/L	filtered	2	0			
Surface water	µg/L	unfiltered	2	0			
Biota	µg/kg	wet	5	5	190	1,500	3,700
Western Headwater Area							
Sediment	µg/kg	dry	3	3	67	190	410
Soil	µg/kg	dry	1	1	810	810	810
Surface water	µg/L	filtered	1	0			
Surface water	µg/L	unfiltered	1	1	0.18	0.18	0.18
Eastern Headwater Area							
Sediment	µg/kg	dry	5	5	1,500	6,000	17,000
Surface water	µg/L	filtered	1	1	0.55	0.55	0.55
Surface water	µg/L	unfiltered	1	1	1.3	1.3	1.3
Main Study Area—Unnamed Tributaries, Bailey's Branch, and Pleasant Run							
Sediment	µg/kg	dry	23	23	120	9,000	50,000
Soil	µg/kg	dry	29	29	9.1	100,000	2,100,000
Surface water	µg/L	filtered	5	4	0.22	0.4	0.55
Surface water	µg/L	unfiltered	5	5	0.35	1.5	2.7
Biota	µg/kg	wet	20	20	1,700	200,000	1,700,000