BARKSDALE WORKS – DRAINAGE SAMPLING
MAY 22, 2002

Barksdale, WI

September 3, 2002

Prepared for:

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Corporate Remediation Group
Corporate Environmental Database Check List

Location: Barksdale, WI **Jobname:** Drainage Sampling 5/22/02

SAN	**Preliminary Administration** Review Project Sheet Verify location/jobname in sample table
SAN	**Project Backstop** Disk Deliverable Integrity QC Batch Integrity (Correct problems/Pull backstop as necessary)
SAN	**Completeness Check** Samples ____X___ 100% Tests ____X___ 100% Parameters _____ 100% or ____X___ <100%
MM	**Accuracy Check** CED Results vs. Hard Copy Lab Reports
SAN	**Comments/Narrative Review**
SAN	**Laboratory Services Coordinator Overview** Review Report Cover letter/title page for customer
MM	**Report Finish** Copy and Bind
MM	**Mail to Client(s)**

Sharon A. Nordstrom
Certified by

September 3, 2002
Date

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Reporting Process

The following process is followed on all projects where data is delivered to the Corporate Environmental Database (CED) and a report is generated from the CED. All projects which bypass the CED (are directly reported by a laboratory) do not receive the rigorous treatment presented below.

Preliminary Administration

To begin a report, the reporting coordinator checks the file and updates the reporting schedule. A review of the project sheet is the next step to familiarize the coordinator with specifications and special instructions. Finally, the location and jobname are either added, corrected, or verified to ensure all samples are properly identified as in the project.

Project Backstop

First, the backstop is used to check the disk deliverable integrity of all project data. This tool checks the CED readiness of the data. Second, quality control batch integrity is checked by the backstop. It is verified that all samples for each test have appropriate quality control samples attached.

Completeness Check

Data completeness is checked against project specifications. First, all sample points are identified as 100% complete. Then, all tests for each sample point are checked for 100% completeness. A parameter (or analyte) count is verified for each sample and test. A 100% parameter check and/or reporting threshold check can be done if requested in project specifications.

Accuracy Check

The results reported by disk and located in the CED are checked against the hard copy laboratory reports for accuracy. This stage is a 100% check of the accuracy of the data.

Comments/Narrative Review

Three steps are included in the comments/narrative review. First, any comments made by the laboratory are located in the hard copy reports. Second, the quality control section(s) of the laboratory reports are reviewed for obvious quality control deficiencies (matrix spike or replicate outside control limits without appropriate comment). If questionable, the laboratory is contacted for verification. Finally, the appropriate comments are entered into the CED.

Overview

The completed report is reviewed by a person familiar with the project (usually the customer service representative) and a cover letter is produced by the reviewer.

Report Finish/Mailing

The final step is to copy, bind, and mail the report to the client(s) in the format specified in the project specifications.

Corporate Environmental Database
Lab Analysis Report
Summary of Positive Results

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02

Analyte/Parameter	Result	Unit	MDL	PQL	Method No.
Sampling Point: 10SD1					
C of C Sampleid: BAR-E-10SD1					
Date Sampled: May 22, 2002					
Sample Type: SEDIMENT					
QC Level: QC (ADQM QC Process)					
BARIUM	91.9	MG/KG	0.67	2.0	6010B - TRAC
BERYLLIUM	0.46 B	MG/KG	0.17	0.99	6010B - TRAC
CHROMIUM	29.5	MG/KG	0.14	2.0	6010B - TRAC
COBALT	11.0	MG/KG	0.14	2.0	6010B - TRAC
COPPER	19.6	MG/KG	0.38	4.0	6010B - TRAC
NICKEL	18.9	MG/KG	0.36	7.9	6010B - TRAC
SILVER	0.22 B	MG/KG	0.12	2.0	6010B - TRAC
TIN	1.6 B J	MG/KG	0.61	19.8	6010B - TRAC
VANADIUM	42.4	MG/KG	0.13	2.0	6010B - TRAC
ZINC	54.3	MG/KG	1.0	4.0	6010B - TRAC
ARSENIC	25.2	MG/KG	0.034	0.99	6020
LEAD	16.7 J	MG/KG	0.0083	0.20	6020
SELENIUM	0.50 B	MG/KG	0.097	0.99	6020
THALLIUM	0.15 B	MG/KG	0.0020	0.20	6020
MERCURY	0.023 B	MG/KG	0.0049	0.065	7471A
ACETONE	16 J	UG/KG	9.1	40	8260B
METHYLENE CHLORIDE	1.8 J B	UG/KG	1.6	9.9	8260B
2,4-DINITROTOLUENE	560	UG/KG	16	240	8321
2,6-DINITROTOLUENE	62 J	UG/KG	18	240	8321
Sampling Point: 10SW1					
C of C Sampleid: BAR-W-10SW1					
Date Sampled: May 22, 2002					
Sample Type: SURFACE WATER					
QC Level: QC (ADQM QC Process)					
BARIUM	17.9	UG/L	1.8	10.0	6010B - TRAC
CHROMIUM	1.3 B	UG/L	0.74	10.0	6010B - TRAC
COPPER	1.1 B	UG/L	0.76	10.0	6010B - TRAC
VANADIUM	2.1 B	UG/L	0.61	10.0	6010B - TRAC
ZINC	110	UG/L	6.8	20.0	6010B - TRAC
ARSENIC	0.60 B	UG/L	0.061	5.0	6020
LEAD	1.5	UG/L	0.15	1.0	6020
THALLIUM	0.017 B	UG/L	0.015	1.0	6020
Sampling Point: 10SW1					
C of C Sampleid: BAR-W-10SW1-DIS					
Date Sampled: May 22, 2002					
Sample Type: SURFACE WATER					
QC Level: QC (ADQM QC Process)					
BARIUM-DISSOLVED	10.0	UG/L	1.8	10.0	6010B - TRAC
COPPER-DISSOLVED	2.4 B	UG/L	0.76	10.0	6010B - TRAC
VANADIUM-DISSOLVED	0.81 B	UG/L	0.61	10.0	6010B - TRAC
ZINC-DISSOLVED	93.0	UG/L	6.8	20.0	6010B - TRAC
ARSENIC-DISSOLVED	0.33 B	UG/L	0.061	5.0	6020
LEAD-DISSOLVED	0.88 B	UG/L	0.15	1.0	6020
Sampling Point: 1SD1					
C of C Sampleid: BAR-E-1SD1					
Date Sampled: May 22, 2002					
Sample Type: SEDIMENT					
QC Level: QC (ADQM QC Process)					
BARIUM	134	MG/KG	0.88	2.6	6010B - TRAC
BERYLLIUM	0.81 B	MG/KG	0.22	1.3	6010B - TRAC
CHROMIUM	28.3	MG/KG	0.19	2.6	6010B - TRAC
COBALT	7.5	MG/KG	0.19	2.6	6010B - TRAC
COPPER	41.4	MG/KG	0.49	5.2	6010B - TRAC
NICKEL	19.6	MG/KG	0.47	10.4	6010B - TRAC
SILVER	0.33 B	MG/KG	0.16	2.6	6010B - TRAC
TIN	4.1 B J	MG/KG	0.81	26.0	6010B - TRAC
VANADIUM	32.4	MG/KG	0.17	2.6	6010B - TRAC
ZINC	128	MG/KG	1.4	5.2	6010B - TRAC
ARSENIC	3.0	MG/KG	0.044	1.3	6020
LEAD	70.7 J	MG/KG	0.011	0.26	6020
SELENIUM	1.0 B	MG/KG	0.13	1.3	6020

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02

Analyte/Parameter	Result	Unit	MDL	PQL	Method No.
THALLIUM	0.24 B	MG/KG	0.0026	0.26	6020
MERCURY	0.16	MG/KG	0.0065	0.086	7471A
METHYLENE CHLORIDE	3.2 J B	UG/KG	2.1	13	8260B

Sampling Point: 1SW1
C of C Sampleid: BAR-W-1SW1
Date Sampled: May 22, 2002
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

BARIUM	40.6	UG/L	1.8	10.0	6010B - TRAC
CHROMIUM	3.7 B	UG/L	0.74	10.0	6010B - TRAC
COBALT	1.7 B	UG/L	0.92	10.0	6010B - TRAC
COPPER	7.3 B	UG/L	0.76	10.0	6010B - TRAC
NICKEL	4.7 B	UG/L	1.7	40.0	6010B - TRAC
VANADIUM	10.9	UG/L	0.61	10.0	6010B - TRAC
ZINC	32.6	UG/L	6.8	20.0	6010B - TRAC
ARSENIC	2.2 B	UG/L	0.061	5.0	6020
LEAD	7.4	UG/L	0.15	1.0	6020
SELENIUM	0.36 B	UG/L	0.19	5.0	6020
THALLIUM	0.038 B	UG/L	0.015	1.0	6020
MERCURY	0.074 B	UG/L	0.028	0.20	7470A
2,4-DINITROTOLUENE	0.027 J	UG/L	0.026	0.12	8321

Sampling Point: 1SW1
C of C Sampleid: BAR-W-1SW1-DIS
Date Sampled: May 22, 2002
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

BARIUM-DISSOLVED	11.7	UG/L	1.8	10.0	6010B - TRAC
COPPER-DISSOLVED	3.3 B	UG/L	0.76	10.0	6010B - TRAC
VANADIUM-DISSOLVED	1.5 B	UG/L	0.61	10.0	6010B - TRAC
ZINC-DISSOLVED	14.7 B	UG/L	6.8	20.0	6010B - TRAC
ARSENIC-DISSOLVED	0.79 B	UG/L	0.061	5.0	6020
LEAD-DISSOLVED	1.1	UG/L	0.15	1.0	6020
SELENIUM-DISSOLVED	0.26 B	UG/L	0.19	5.0	6020

Sampling Point: 2SD1
C of C Sampleid: BAR-E-2SD1
Date Sampled: May 22, 2002
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

BARIUM	39.9	MG/KG	0.48	1.4	6010B - TRAC
BERYLLIUM	0.27 B	MG/KG	0.12	0.71	6010B - TRAC
CHROMIUM	13.9	MG/KG	0.10	1.4	6010B - TRAC
COBALT	4.9	MG/KG	0.10	1.4	6010B - TRAC
COPPER	12.1	MG/KG	0.27	2.8	6010B - TRAC
NICKEL	8.8	MG/KG	0.25	5.6	6010B - TRAC
SILVER	0.11 B	MG/KG	0.089	1.4	6010B - TRAC
TIN	1.5 B J	MG/KG	0.44	14.1	6010B - TRAC
VANADIUM	21.6	MG/KG	0.095	1.4	6010B - TRAC
ZINC	27.8	MG/KG	0.75	2.8	6010B - TRAC
ARSENIC	1.1	MG/KG	0.024	0.71	6020
LEAD	11.4 J	MG/KG	0.0059	0.14	6020
SELENIUM	0.39 B	MG/KG	0.069	0.71	6020
THALLIUM	0.062 B	MG/KG	0.0014	0.14	6020
MERCURY	0.018 B	MG/KG	0.0035	0.047	7471A
METHYLENE CHLORIDE	1.4 J B	UG/KG	1.1	7.1	8260B

Sampling Point: 2SW1
C of C Sampleid: BAR-W-2SW1
Date Sampled: May 22, 2002
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

BARIUM	64.2	UG/L	1.8	10.0	6010B - TRAC
CHROMIUM	10.3	UG/L	0.74	10.0	6010B - TRAC
COBALT	2.8 B	UG/L	0.92	10.0	6010B - TRAC
COPPER	12.4	UG/L	0.76	10.0	6010B - TRAC
NICKEL	7.6 B	UG/L	1.7	40.0	6010B - TRAC
VANADIUM	13.9	UG/L	0.61	10.0	6010B - TRAC

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02

Analyte/Parameter	Result	Unit	MDL	PQL	Method No.
ZINC	33.9	UG/L	6.8	20.0	6010B - TRAC
ARSENIC	0.85 B	UG/L	0.061	5.0	6020
LEAD	10.3	UG/L	0.15	1.0	6020
SELENIUM	0.32 B	UG/L	0.19	5.0	6020
THALLIUM	0.078 B	UG/L	0.015	1.0	6020
MERCURY	0.049 B	UG/L	0.028	0.20	7470A

Sampling Point: 2SW1
C of C Sampleid: BAR-W-2SW1-DIS
Date Sampled: May 22, 2002
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

BARIUM-DISSOLVED	29.3	UG/L	1.8	10.0	6010B - TRAC
CHROMIUM-DISSOLVED	3.9 B	UG/L	0.74	10.0	6010B - TRAC
COBALT-DISSOLVED	1.4 B	UG/L	0.92	10.0	6010B - TRAC
COPPER-DISSOLVED	7.8 B	UG/L	0.76	10.0	6010B - TRAC
NICKEL-DISSOLVED	4.4 B	UG/L	1.7	40.0	6010B - TRAC
VANADIUM-DISSOLVED	5.9 B	UG/L	0.61	10.0	6010B - TRAC
ZINC-DISSOLVED	21.2	UG/L	6.8	20.0	6010B - TRAC
ARSENIC-DISSOLVED	0.60 B	UG/L	0.061	5.0	6020
LEAD-DISSOLVED	4.7	UG/L	0.15	1.0	6020
SELENIUM-DISSOLVED	0.25 B	UG/L	0.19	5.0	6020
THALLIUM-DISSOLVED	0.044 B	UG/L	0.015	1.0	6020

Sampling Point: 3SD1
C of C Sampleid: BAR-E-3SD1
Date Sampled: May 22, 2002
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

BARIUM	85.0	MG/KG	0.80	2.3	6010B - TRAC
BERYLLIUM	0.60 B	MG/KG	0.20	1.2	6010B - TRAC
CHROMIUM	23.5	MG/KG	0.17	2.3	6010B - TRAC
COBALT	7.3	MG/KG	0.17	2.3	6010B - TRAC
COPPER	20.0	MG/KG	0.45	4.7	6010B - TRAC
NICKEL	15.3	MG/KG	0.42	9.4	6010B - TRAC
SILVER	0.20 B	MG/KG	0.15	2.3	6010B - TRAC
TIN	3.3 B J	MG/KG	0.73	23.4	6010B - TRAC
VANADIUM	30.2	MG/KG	0.16	2.3	6010B - TRAC
ZINC	54.0	MG/KG	1.2	4.7	6010B - TRAC
ARSENIC	1.7	MG/KG	0.040	1.2	6020
LEAD	33.7 J	MG/KG	0.0098	0.23	6020
SELENIUM	0.74 B	MG/KG	0.11	1.2	6020
THALLIUM	0.24	MG/KG	0.0023	0.23	6020
MERCURY	0.039 B	MG/KG	0.0059	0.077	7471A
CARBON DISULFIDE	2.8 J	UG/KG	2.2	12	8260B
METHYLENE CHLORIDE	3.0 J B	UG/KG	1.9	12	8260B

Sampling Point: 3SW1
C of C Sampleid: BAR-W-3SW1
Date Sampled: May 22, 2002
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

BARIUM	24.2	UG/L	1.8	10.0	6010B - TRAC
CHROMIUM	1.8 B	UG/L	0.74	10.0	6010B - TRAC
COPPER	2.0 B	UG/L	0.76	10.0	6010B - TRAC
VANADIUM	2.9 B	UG/L	0.61	10.0	6010B - TRAC
ZINC	14.5 B	UG/L	6.8	20.0	6010B - TRAC
ARSENIC	0.39 B	UG/L	0.061	5.0	6020
LEAD	1.1	UG/L	0.15	1.0	6020
ACETONE	3.3 J	UG/L	2.9	10	8260B

Sampling Point: 3SW1
C of C Sampleid: BAR-W-3SW1-DIS
Date Sampled: May 22, 2002
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

BARIUM-DISSOLVED	17.0	UG/L	1.8	10.0	6010B - TRAC
COPPER-DISSOLVED	2.9 B	UG/L	0.76	10.0	6010B - TRAC
NICKEL-DISSOLVED	2.3 B	UG/L	1.7	40.0	6010B - TRAC

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02

Analyte/Parameter	Result	Unit	MDL	PQL	Method No.
VANADIUM-DISSOLVED	1.3 B	UG/L	0.61	10.0	6010B - TRAC
ZINC-DISSOLVED	14.4 B	UG/L	6.8	20.0	6010B - TRAC
ARSENIC-DISSOLVED	0.44 B	UG/L	0.061	5.0	6020
LEAD-DISSOLVED	0.95 B	UG/L	0.15	1.0	6020

Sampling Point: 4SD1
C of C Sampleid: BAR-E-4SD1
Date Sampled: May 22, 2002
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

BARIUM	73.9	MG/KG	0.66	1.9	6010B - TRAC
BERYLLIUM	0.24 B	MG/KG	0.17	0.97	6010B - TRAC
CHROMIUM	11.0	MG/KG	0.14	1.9	6010B - TRAC
COBALT	6.8	MG/KG	0.14	1.9	6010B - TRAC
COPPER	40.7	MG/KG	0.37	3.9	6010B - TRAC
NICKEL	13.5	MG/KG	0.35	7.8	6010B - TRAC
SILVER	0.26 B	MG/KG	0.12	1.9	6010B - TRAC
TIN	1.3 B J	MG/KG	0.60	19.4	6010B - TRAC
VANADIUM	23.9	MG/KG	0.13	1.9	6010B - TRAC
ZINC	110	MG/KG	1.0	3.9	6010B - TRAC
ARSENIC	1.4	MG/KG	0.033	0.97	6020
LEAD	37.6 J	MG/KG	0.0082	0.19	6020
SELENIUM	0.44 B	MG/KG	0.095	0.97	6020
THALLIUM	0.050 B	MG/KG	0.0019	0.19	6020
1,1,1-TRICHLOROETHANE	3.2 J	UG/KG	1.9	9.7	8260B
1,2-DICHLOROETHANE	16	UG/KG	1.9	9.7	8260B
ACETONE	14 J	UG/KG	8.9	39	8260B
METHYLENE CHLORIDE	3.6 J B	UG/KG	1.6	9.7	8260B
TOLUENE	40	UG/KG	1.5	9.7	8260B
3-METHYLPHENOL & 4-METHYLPHENOL	450 J	UG/KG	140	640	8270C

Sampling Point: 4SW1
C of C Sampleid: BAR-W-4SW1
Date Sampled: May 22, 2002
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

BARIUM	143	UG/L	1.8	10.0	6010B - TRAC
BERYLLIUM	0.69 B	UG/L	0.56	5.0	6010B - TRAC
CHROMIUM	16.6	UG/L	0.74	10.0	6010B - TRAC
COBALT	9.4 B	UG/L	0.92	10.0	6010B - TRAC
COPPER	89.9	UG/L	0.76	10.0	6010B - TRAC
NICKEL	22.3 B	UG/L	1.7	40.0	6010B - TRAC
VANADIUM	31.4	UG/L	0.61	10.0	6010B - TRAC
ZINC	126	UG/L	6.8	20.0	6010B - TRAC
ARSENIC	2.7 B	UG/L	0.061	5.0	6020
LEAD	29.4	UG/L	0.15	1.0	6020
SELENIUM	0.51 B	UG/L	0.19	5.0	6020
THALLIUM	0.12 B	UG/L	0.015	1.0	6020
MERCURY	0.040 B	UG/L	0.028	0.20	7470A
ACETONE	6.6 J	UG/L	2.9	10	8260B
TOLUENE	0.71 J	UG/L	0.26	1.0	8260B

Sampling Point: 4SW1
C of C Sampleid: BAR-W-4SW1-DIS
Date Sampled: May 22, 2002
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

BARIUM-DISSOLVED	60.4	UG/L	1.8	10.0	6010B - TRAC
CHROMIUM-DISSOLVED	4.7 B	UG/L	0.74	10.0	6010B - TRAC
COBALT-DISSOLVED	1.1 B	UG/L	0.92	10.0	6010B - TRAC
COPPER-DISSOLVED	24.5	UG/L	0.76	10.0	6010B - TRAC
NICKEL-DISSOLVED	5.3 B	UG/L	1.7	40.0	6010B - TRAC
VANADIUM-DISSOLVED	5.4 B	UG/L	0.61	10.0	6010B - TRAC
ZINC-DISSOLVED	46.6	UG/L	6.8	20.0	6010B - TRAC
ARSENIC-DISSOLVED	1.5 B	UG/L	0.061	5.0	6020
LEAD-DISSOLVED	7.9	UG/L	0.15	1.0	6020
SELENIUM-DISSOLVED	0.24 B	UG/L	0.19	5.0	6020
THALLIUM-DISSOLVED	0.016 B	UG/L	0.015	1.0	6020

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02

Analyte/Parameter	Result	Unit	MDL	PQL	Method No.
Sampling Point: 5SD1					
C of C Sampleid: BAR-E-5SD1					
Date Sampled: May 22, 2002					
Sample Type: SEDIMENT					
QC Level: QC (ADQM QC Process)					
BARIUM	8.9	MG/KG	0.43	1.3	6010B - TRAC
CHROMIUM	2.1	MG/KG	0.091	1.3	6010B - TRAC
COBALT	1.3	MG/KG	0.091	1.3	6010B - TRAC
COPPER	3.6	MG/KG	0.24	2.5	6010B - TRAC
NICKEL	3.6 B	MG/KG	0.23	5.1	6010B - TRAC
SILVER	0.10 B	MG/KG	0.080	1.3	6010B - TRAC
TIN	4.7 B J	MG/KG	0.39	12.7	6010B - TRAC
VANADIUM	7.6	MG/KG	0.085	1.3	6010B - TRAC
ZINC	85.4	MG/KG	0.67	2.5	6010B - TRAC
ARSENIC	1.4	MG/KG	0.022	0.63	6020
LEAD	33.9 J	MG/KG	0.0053	0.13	6020
SELENIUM	0.094 B	MG/KG	0.062	0.63	6020
THALLIUM	0.011 B	MG/KG	0.0013	0.13	6020
MERCURY	0.020 B	MG/KG	0.0032	0.042	7471A
METHYLENE CHLORIDE	1.5 J B	UG/KG	1.0	6.3	8260B
Sampling Point: 5SW1					
C of C Sampleid: BAR-W-5SW1					
Date Sampled: May 22, 2002					
Sample Type: SURFACE WATER					
QC Level: QC (ADQM QC Process)					
BARIUM	46.7	UG/L	1.8	10.0	6010B - TRAC
CHROMIUM	1.2 B	UG/L	0.74	10.0	6010B - TRAC
COPPER	19.1	UG/L	0.76	10.0	6010B - TRAC
NICKEL	2.7 B	UG/L	1.7	40.0	6010B - TRAC
VANADIUM	1.6 B	UG/L	0.61	10.0	6010B - TRAC
ZINC	178	UG/L	6.8	20.0	6010B - TRAC
ARSENIC	2.0 B	UG/L	0.061	5.0	6020
LEAD	17.0	UG/L	0.15	1.0	6020
SELENIUM	0.92 B	UG/L	0.19	5.0	6020
THALLIUM	0.029 B	UG/L	0.015	1.0	6020
MERCURY	0.097 B	UG/L	0.028	0.20	7470A
2,4,6-TRINITROTOLUENE	5.1	UG/L	0.10	0.60	8321
2,4-DINITROTOLUENE	0.35	UG/L	0.026	0.12	8321
2,6-DINITROTOLUENE	0.36	UG/L	0.022	0.12	8321
2-AMINO-4,6-DINITROTOLUENE	4.9	UG/L	0.18	0.60	8321
4-AMINO-2,6-DINITROTOLUENE	9.4	UG/L	0.20	1.2	8321
Sampling Point: 5SW1					
C of C Sampleid: BAR-W-5SW1-DIS					
Date Sampled: May 22, 2002					
Sample Type: SURFACE WATER					
QC Level: QC (ADQM QC Process)					
BARIUM-DISSOLVED	40.8	UG/L	1.8	10.0	6010B - TRAC
COPPER-DISSOLVED	14.0	UG/L	0.76	10.0	6010B - TRAC
NICKEL-DISSOLVED	2.7 B	UG/L	1.7	40.0	6010B - TRAC
ZINC-DISSOLVED	171	UG/L	6.8	20.0	6010B - TRAC
ARSENIC-DISSOLVED	1.7 B	UG/L	0.061	5.0	6020
LEAD-DISSOLVED	5.6	UG/L	0.15	1.0	6020
SELENIUM-DISSOLVED	1.1 B	UG/L	0.19	5.0	6020
THALLIUM-DISSOLVED	0.015 B	UG/L	0.015	1.0	6020
Sampling Point: 6SD1					
C of C Sampleid: BAR-E-6SD1					
Date Sampled: May 22, 2002					
Sample Type: SEDIMENT					
QC Level: QC (ADQM QC Process)					
BARIUM	9.7	MG/KG	0.44	1.3	6010B - TRAC
CHROMIUM	4.2	MG/KG	0.094	1.3	6010B - TRAC
COBALT	2.0	MG/KG	0.094	1.3	6010B - TRAC
COPPER	3.1	MG/KG	0.25	2.6	6010B - TRAC
NICKEL	3.1 B	MG/KG	0.24	5.2	6010B - TRAC
SILVER	0.11 B	MG/KG	0.082	1.3	6010B - TRAC

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02

Analyte/Parameter	Result	Unit	MDL	PQL	Method No.
TIN	1.8 B J	MG/KG	0.40	13.1	6010B - TRAC
VANADIUM	21.1	MG/KG	0.088	1.3	6010B - TRAC
ZINC	10.6	MG/KG	0.69	2.6	6010B - TRAC
ARSENIC	0.52 B	MG/KG	0.022	0.65	6020
LEAD	2.7 J	MG/KG	0.0055	0.13	6020
SELENIUM	0.13 B	MG/KG	0.064	0.65	6020
THALLIUM	0.042 B	MG/KG	0.0013	0.13	6020
1,2-DICHLOROETHANE	3.3 J	UG/KG	1.3	6.5	8260B
METHYLENE CHLORIDE	1.7 J B	UG/KG	1.0	6.5	8260B

Sampling Point: 6SD1
C of C Sampleid: BAR-E-6SD1-DUP
Date Sampled: May 22, 2002
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

BARIUM	10.3	MG/KG	0.43	1.3	6010B - TRAC
CHROMIUM	4.6	MG/KG	0.092	1.3	6010B - TRAC
COBALT	2.2	MG/KG	0.092	1.3	6010B - TRAC
COPPER	2.8	MG/KG	0.24	2.5	6010B - TRAC
NICKEL	3.3 B	MG/KG	0.23	5.1	6010B - TRAC
SILVER	0.10 B	MG/KG	0.080	1.3	6010B - TRAC
TIN	1.8 B J	MG/KG	0.40	12.7	6010B - TRAC
VANADIUM	24.8	MG/KG	0.085	1.3	6010B - TRAC
ZINC	11.2	MG/KG	0.68	2.5	6010B - TRAC
ARSENIC	0.61 B	MG/KG	0.022	0.64	6020
LEAD	2.7 J	MG/KG	0.0054	0.13	6020
SELENIUM	0.15 B	MG/KG	0.062	0.64	6020
THALLIUM	0.013 B	MG/KG	0.0013	0.13	6020
1,2-DICHLOROETHANE	2.7 J	UG/KG	1.3	6.4	8260B
METHYLENE CHLORIDE	1.3 J B	UG/KG	1.0	6.4	8260B

Sampling Point: 6SW1
C of C Sampleid: BAR-W-6SW1
Date Sampled: May 22, 2002
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

BARIUM	37.0	UG/L	1.8	10.0	6010B - TRAC
CHROMIUM	0.88 B	UG/L	0.74	10.0	6010B - TRAC
COPPER	3.1 B	UG/L	0.76	10.0	6010B - TRAC
VANADIUM	3.1 B	UG/L	0.61	10.0	6010B - TRAC
ZINC	15.3 B	UG/L	6.8	20.0	6010B - TRAC
ARSENIC	0.62 B	UG/L	0.061	5.0	6020
LEAD	1.3	UG/L	0.15	1.0	6020
SELENIUM	0.19 B	UG/L	0.19	5.0	6020
THALLIUM	0.018 B	UG/L	0.015	1.0	6020
ACETONE	3.4 J	UG/L	2.9	10	8260B
2,4-DINITROTOLUENE	0.23	UG/L	0.026	0.12	8321
2,6-DINITROTOLUENE	0.20	UG/L	0.022	0.12	8321
2-AMINO-4,6-DINITROTOLUENE	0.80	UG/L	0.036	0.12	8321
2-NITROTOLUENE	0.091 J	UG/L	0.026	0.12	8321
4-AMINO-2,6-DINITROTOLUENE	1.5	UG/L	0.10	0.60	8321

Sampling Point: 6SW1
C of C Sampleid: BAR-W-6SW1-DIS
Date Sampled: May 22, 2002
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

BARIUM-DISSOLVED	28.0	UG/L	1.8	10.0	6010B - TRAC
COPPER-DISSOLVED	3.6 B	UG/L	0.76	10.0	6010B - TRAC
VANADIUM-DISSOLVED	1.7 B	UG/L	0.61	10.0	6010B - TRAC
ARSENIC-DISSOLVED	0.53 B	UG/L	0.061	5.0	6020
LEAD-DISSOLVED	0.48 B	UG/L	0.15	1.0	6020

Sampling Point: 6SW1
C of C Sampleid: BAR-W-6SW1-DIS-DUP
Date Sampled: May 22, 2002
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

BARIUM-DISSOLVED	29.4	UG/L	1.8	10.0	6010B - TRAC

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02

Analyte/Parameter	Result	Unit	MDL	PQL	Method No.
COPPER-DISSOLVED	4.2 B	UG/L	0.76	10.0	6010B - TRAC
VANADIUM-DISSOLVED	1.8 B	UG/L	0.61	10.0	6010B - TRAC
ARSENIC-DISSOLVED	0.53 B	UG/L	0.061	5.0	6020
LEAD-DISSOLVED	0.31 B	UG/L	0.15	1.0	6020

Sampling Point: 6SW1
C of C Sampleid: BAR-W-6SW1-DUP
Date Sampled: May 22, 2002
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

BARIUM	36.0	UG/L	1.8	10.0	6010B - TRAC
COPPER	13.7	UG/L	0.76	10.0	6010B - TRAC
VANADIUM	2.9 B	UG/L	0.61	10.0	6010B - TRAC
ZINC	42.2	UG/L	6.8	20.0	6010B - TRAC
ARSENIC	0.60 B	UG/L	0.061	5.0	6020
LEAD	1.4	UG/L	0.15	1.0	6020
SELENIUM	0.23 B	UG/L	0.19	5.0	6020
THALLIUM	0.016 B	UG/L	0.015	1.0	6020
ACETONE	3.4 J	UG/L	2.9	10	8260B
2,4-DINITROTOLUENE	0.23	UG/L	0.026	0.12	8321
2,6-DINITROTOLUENE	0.22	UG/L	0.022	0.12	8321
2-AMINO-4,6-DINITROTOLUENE	0.76	UG/L	0.036	0.12	8321
2-NITROTOLUENE	0.094 J	UG/L	0.026	0.12	8321
4-AMINO-2,6-DINITROTOLUENE	1.4	UG/L	0.020	0.12	8321

Sampling Point: 7SD1
C of C Sampleid: BAR-E-7SD1
Date Sampled: May 22, 2002
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

BARIUM	25.1	MG/KG	0.40	1.2	6010B - TRAC
CHROMIUM	8.8	MG/KG	0.085	1.2	6010B - TRAC
COBALT	4.3	MG/KG	0.085	1.2	6010B - TRAC
COPPER	5.4	MG/KG	0.22	2.4	6010B - TRAC
NICKEL	8.2	MG/KG	0.21	4.7	6010B - TRAC
SILVER	0.12 B	MG/KG	0.075	1.2	6010B - TRAC
TIN	1.7 B J	MG/KG	0.37	11.8	6010B - TRAC
VANADIUM	19.6	MG/KG	0.079	1.2	6010B - TRAC
ZINC	14.6	MG/KG	0.63	2.4	6010B - TRAC
ARSENIC	0.96	MG/KG	0.020	0.59	6020
LEAD	0.88 J	MG/KG	0.0050	0.12	6020
SELENIUM	0.15 B	MG/KG	0.058	0.59	6020
THALLIUM	0.0074 B	MG/KG	0.0012	0.12	6020
METHYLENE CHLORIDE	1.1 J B	UG/KG	0.95	5.9	8260B

Sampling Point: 7SW1
C of C Sampleid: BAR-W-7SW1
Date Sampled: May 22, 2002
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

BARIUM	29.8	UG/L	1.8	10.0	6010B - TRAC
CHROMIUM	2.1 B	UG/L	0.74	10.0	6010B - TRAC
COPPER	3.5 B	UG/L	0.76	10.0	6010B - TRAC
NICKEL	2.4 B	UG/L	1.7	40.0	6010B - TRAC
VANADIUM	3.6 B	UG/L	0.61	10.0	6010B - TRAC
ZINC	16.2 B	UG/L	6.8	20.0	6010B - TRAC
ARSENIC	0.37 B	UG/L	0.061	5.0	6020
LEAD	0.83 B	UG/L	0.15	1.0	6020
THALLIUM	0.017 B	UG/L	0.015	1.0	6020

Sampling Point: 7SW1
C of C Sampleid: BAR-W-7SW1-DIS
Date Sampled: May 22, 2002
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

BARIUM-DISSOLVED	16.8	UG/L	1.8	10.0	6010B - TRAC
COPPER-DISSOLVED	3.4 B	UG/L	0.76	10.0	6010B - TRAC
VANADIUM-DISSOLVED	1.2 B	UG/L	0.61	10.0	6010B - TRAC
ZINC-DISSOLVED	33.2	UG/L	6.8	20.0	6010B - TRAC

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02

Analyte/Parameter	Result	Unit	MDL	PQL	Method No.
ARSENIC-DISSOLVED	0.37 B	UG/L	0.061	5.0	6020
LEAD-DISSOLVED	0.44 B	UG/L	0.15	1.0	6020

Sampling Point: 8SD1
C of C Sampleid: BAR-E-8SD1
Date Sampled: May 22, 2002
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

BARIUM	167	MG/KG	0.93	2.7	6010B - TRAC
BERYLLIUM	0.78 B	MG/KG	0.23	1.4	6010B - TRAC
CHROMIUM	33.9	MG/KG	0.20	2.7	6010B - TRAC
COBALT	15.4	MG/KG	0.20	2.7	6010B - TRAC
COPPER	23.1	MG/KG	0.52	5.5	6010B - TRAC
NICKEL	23.4	MG/KG	0.49	10.9	6010B - TRAC
SILVER	0.48 B	MG/KG	0.17	2.7	6010B - TRAC
TIN	3.0 B J	MG/KG	0.85	27.3	6010B - TRAC
VANADIUM	40.1	MG/KG	0.18	2.7	6010B - TRAC
ZINC	104	MG/KG	1.4	5.5	6010B - TRAC
ARSENIC	1.8	MG/KG	0.046	1.4	6020
LEAD	14.0 J	MG/KG	0.011	0.27	6020
SELENIUM	0.87 B	MG/KG	0.13	1.4	6020
THALLIUM	0.24 B	MG/KG	0.0027	0.27	6020
MERCURY	0.071 B	MG/KG	0.0068	0.090	7471A
ACETONE	21 J	UG/KG	13	55	8260B
METHYLENE CHLORIDE	3.0 J B	UG/KG	2.2	14	8260B
TOLUENE	69	UG/KG	2.1	14	8260B

Sampling Point: 8SW1
C of C Sampleid: BAR-W-8SW1
Date Sampled: May 22, 2002
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

BARIUM	31.7	UG/L	1.8	10.0	6010B - TRAC
CHROMIUM	1.8 B	UG/L	0.74	10.0	6010B - TRAC
COBALT	2.2 B	UG/L	0.92	10.0	6010B - TRAC
COPPER	1.3 B	UG/L	0.76	10.0	6010B - TRAC
NICKEL	2.3 B	UG/L	1.7	40.0	6010B - TRAC
VANADIUM	2.8 B	UG/L	0.61	10.0	6010B - TRAC
ZINC	14.4 B	UG/L	6.8	20.0	6010B - TRAC
ARSENIC	0.40 B	UG/L	0.061	5.0	6020
LEAD	1.2	UG/L	0.15	1.0	6020
THALLIUM	0.023 B	UG/L	0.015	1.0	6020
MERCURY	0.029 B	UG/L	0.028	0.20	7470A
ACETONE	3.2 J	UG/L	2.9	10	8260B

Sampling Point: 8SW1
C of C Sampleid: BAR-W-8SW1-DIS
Date Sampled: May 22, 2002
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

BARIUM-DISSOLVED	14.3	UG/L	1.8	10.0	6010B - TRAC
COPPER-DISSOLVED	2.2 B	UG/L	0.76	10.0	6010B - TRAC
ZINC-DISSOLVED	9.4 B	UG/L	6.8	20.0	6010B - TRAC
ARSENIC-DISSOLVED	0.31 B	UG/L	0.061	5.0	6020
LEAD-DISSOLVED	0.43 B	UG/L	0.15	1.0	6020

Sampling Point: 9SD1
C of C Sampleid: BAR-E-9SD1
Date Sampled: May 22, 2002
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

BARIUM	39.1	MG/KG	0.48	1.4	6010B - TRAC
BERYLLIUM	0.12 B	MG/KG	0.12	0.71	6010B - TRAC
CHROMIUM	20.6	MG/KG	0.10	1.4	6010B - TRAC
COBALT	6.0	MG/KG	0.10	1.4	6010B - TRAC
COPPER	15.7	MG/KG	0.27	2.8	6010B - TRAC
NICKEL	10.6	MG/KG	0.25	5.6	6010B - TRAC
SILVER	0.18 B	MG/KG	0.089	1.4	6010B - TRAC
TIN	1.3 B J	MG/KG	0.44	14.1	6010B - TRAC

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02

Analyte/Parameter	Result	Unit	MDL	PQL	Method No.
VANADIUM	44.3	MG/KG	0.094	1.4	6010B - TRAC
ZINC	22.3	MG/KG	0.75	2.8	6010B - TRAC
ARSENIC	2.1	MG/KG	0.024	0.71	6020
LEAD	12.3 J	MG/KG	0.0059	0.14	6020
SELENIUM	0.25 B	MG/KG	0.069	0.71	6020
THALLIUM	0.066 B	MG/KG	0.0014	0.14	6020
MERCURY	0.21	MG/KG	0.0035	0.047	7471A
METHYLENE CHLORIDE	1.4 J B	UG/KG	1.1	7.1	8260B
PYRENE	57 J	UG/KG	56	470	8270C

Sampling Point: 9SW1
C of C Sampleid: BAR-W-9SW1
Date Sampled: May 22, 2002
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

BARIUM	33.6	UG/L	1.8	10.0	6010B - TRAC
COPPER	1.9 B	UG/L	0.76	10.0	6010B - TRAC
NICKEL	2.3 B	UG/L	1.7	40.0	6010B - TRAC
ZINC	17.4 B	UG/L	6.8	20.0	6010B - TRAC
ARSENIC	0.13 B	UG/L	0.061	5.0	6020
LEAD	0.50 B	UG/L	0.15	1.0	6020
ACETONE	3.0 J	UG/L	2.9	10	8260B
BIS(2-ETHYLHEXYL) PHTHALATE	3.0 J B	UG/L	1.9	10	8270C

Sampling Point: 9SW1
C of C Sampleid: BAR-W-9SW1-DIS
Date Sampled: May 22, 2002
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

BARIUM-DISSOLVED	33.1	UG/L	1.8	10.0	6010B - TRAC
COPPER-DISSOLVED	4.0 B	UG/L	0.76	10.0	6010B - TRAC
NICKEL-DISSOLVED	2.7 B	UG/L	1.7	40.0	6010B - TRAC
ZINC-DISSOLVED	33.4	UG/L	6.8	20.0	6010B - TRAC
ARSENIC-DISSOLVED	0.16 B	UG/L	0.061	5.0	6020
LEAD-DISSOLVED	0.47 B	UG/L	0.15	1.0	6020

Sampling Point: EQBLK1
C of C Sampleid: BAR-K-EQBLK1
Date Sampled: May 22, 2002
Sample Type: BLANK WATER
QC Level: QC (ADQM QC Process)

ZINC	9.9 B	UG/L	6.8	20.0	6010B - TRAC
ARSENIC	0.52 B	UG/L	0.061	5.0	6020
LEAD	6.1	UG/L	0.15	1.0	6020
2,4,6-TRINITROTOLUENE	0.17	UG/L	0.021	0.12	8321
4-AMINO-2,6-DINITROTOLUENE	0.022 J	UG/L	0.020	0.12	8321

Sampling Point: EQBLK2
C of C Sampleid: BAR-K-EQBLK2
Date Sampled: May 22, 2002
Sample Type: BLANK WATER
QC Level: QC (ADQM QC Process)

BARIUM	2.4 B	UG/L	1.8	10.0	6010B - TRAC
CHROMIUM	3.3 B	UG/L	0.74	10.0	6010B - TRAC
COPPER	7.3 B	UG/L	0.76	10.0	6010B - TRAC
ZINC	26.7	UG/L	6.8	20.0	6010B - TRAC
LEAD	8.8	UG/L	0.15	1.0	6020

Qualifiers:
J The result should be considered an estimate.
J The result is between MDL and PQL and should be considered an estimate.

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-10SD1
Sampling Point: 10SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12QE-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 160.3 MOD/160.3 MOD						
PERCENT MOISTURE	1	49.4	%		0.10	May 31, 2002
Prep/Method: 3050B/6010B - TRAC						
ANTIMONY	1	ND	MG/KG	0.87	2.0	Jun 8, 2002
BARIUM	1	91.9	MG/KG	0.67	2.0	Jun 8, 2002
BERYLLIUM	1	0.46 B	MG/KG	0.17	0.99	Jun 8, 2002
CADMIUM	1	ND	MG/KG	0.071	0.99	Jun 8, 2002
CHROMIUM	1	29.5	MG/KG	0.14	2.0	Jun 8, 2002
COBALT	1	11.0	MG/KG	0.14	2.0	Jun 8, 2002
COPPER	1	19.6	MG/KG	0.38	4.0	Jun 8, 2002
NICKEL	1	18.9	MG/KG	0.36	7.9	Jun 8, 2002
SILVER	1	0.22 B	MG/KG	0.12	2.0	Jun 8, 2002
TIN	1	1.6 B J	MG/KG	0.61	19.8	Jun 8, 2002
VANADIUM	1	42.4	MG/KG	0.13	2.0	Jun 8, 2002
ZINC	1	54.3	MG/KG	1.0	4.0	Jun 8, 2002
Prep/Method: 3050B/6020						
ARSENIC	1	25.2	MG/KG	0.034	0.99	Jun 6, 2002
LEAD	1	16.7 J	MG/KG	0.0083	0.20	Jun 6, 2002
SELENIUM	1	0.50 B	MG/KG	0.097	0.99	Jun 6, 2002
THALLIUM	1	0.15 B	MG/KG	0.0020	0.20	Jun 6, 2002
Prep/Method: 7471A/7471A						
MERCURY	1	0.023 B	MG/KG	0.0049	0.065	Jun 4, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/KG	1.9	9.9	Jun 3, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/KG	1.9	9.9	Jun 3, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/KG	2.2	9.9	Jun 3, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/KG	3.0	9.9	Jun 3, 2002
1,1-DICHLOROETHANE	1	ND	UG/KG	1.9	9.9	Jun 3, 2002
1,1-DICHLOROETHENE	1	ND	UG/KG	2.2	9.9	Jun 3, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/KG	3.0	9.9	Jun 3, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/KG	2.8	20	Jun 3, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/KG	1.8	9.9	Jun 3, 2002
1,2-DICHLOROETHANE	1	ND	UG/KG	2.0	9.9	Jun 3, 2002
1,2-DICHLOROPROPANE	1	ND	UG/KG	2.4	9.9	Jun 3, 2002
1,4-DIOXANE	1	ND	UG/KG	160	990	Jun 3, 2002
2-BUTANONE (MEK)	1	ND	UG/KG	9.3	40	Jun 3, 2002
2-HEXANONE	1	ND	UG/KG	9.1	40	Jun 3, 2002
4-METHYL-2-PENTANONE	1	ND	UG/KG	7.7	40	Jun 3, 2002
ACETONE	1	16 J	UG/KG	9.1	40	Jun 3, 2002
ACETONITRILE	1	ND	UG/KG	47	200	Jun 3, 2002
ACROLEIN	1	ND	UG/KG	34	200	Jun 3, 2002
ACRYLONITRILE	1	ND	UG/KG	30	200	Jun 3, 2002
ALLYL CHLORIDE	1	ND	UG/KG	1.8	20	Jun 3, 2002
BENZENE	1	ND	UG/KG	1.8	9.9	Jun 3, 2002
BROMODICHLOROMETHANE	1	ND	UG/KG	1.8	9.9	Jun 3, 2002
BROMOFORM	1	ND	UG/KG	1.8	9.9	Jun 3, 2002
BROMOMETHANE	1	ND	UG/KG	2.4	20	Jun 3, 2002
CARBON DISULFIDE	1	ND	UG/KG	1.8	9.9	Jun 3, 2002
CARBON TETRACHLORIDE	1	ND	UG/KG	2.4	9.9	Jun 3, 2002
CHLOROBENZENE	1	ND	UG/KG	1.5	9.9	Jun 3, 2002
CHLOROETHANE	1	ND	UG/KG	2.6	20	Jun 3, 2002
CHLOROFORM	1	ND	UG/KG	1.8	20	Jun 3, 2002
CHLOROMETHANE	1	ND	UG/KG	3.0	20	Jun 3, 2002
CHLOROPRENE	1	ND	UG/KG	1.7	9.9	Jun 3, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/KG	1.7	4.9	Jun 3, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/KG	1.9	9.9	Jun 3, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/KG	1.8	9.9	Jun 3, 2002
DIBROMOMETHANE	1	ND	UG/KG	2.6	9.9	Jun 3, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/KG	3.2	20	Jun 3, 2002
ETHYL METHACRYLATE	1	ND	UG/KG	1.8	9.9	Jun 3, 2002
ETHYLBENZENE	1	ND	UG/KG	2.4	9.9	Jun 3, 2002
IODOMETHANE	1	ND	UG/KG	1.6	9.9	Jun 3, 2002
ISOBUTYL ALCOHOL	1	ND	UG/KG	83	400	Jun 3, 2002
METHACRYLONITRILE	1	ND	UG/KG	28	99	Jun 3, 2002
METHYL METHACRYLATE	1	ND	UG/KG	2.8	9.9	Jun 3, 2002
METHYLENE CHLORIDE	1	1.8 J B	UG/KG	1.6	9.9	Jun 3, 2002
PROPIONITRILE	1	ND	UG/KG	34	99	Jun 3, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-10SD1
Sampling Point: 10SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12QE-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
STYRENE	1	ND	UG/KG	1.3	9.9	Jun 3, 2002
TETRACHLOROETHENE	1	ND	UG/KG	2.0	9.9	Jun 3, 2002
TOLUENE	1	ND	UG/KG	1.5	9.9	Jun 3, 2002
TRANS-1,2-DICHLOROETHENE	1	ND	UG/KG	1.6	4.9	Jun 3, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/KG	2.0	9.9	Jun 3, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/KG	2.2	9.9	Jun 3, 2002
TRICHLOROETHENE	1	ND	UG/KG	1.7	9.9	Jun 3, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/KG	1.0	20	Jun 3, 2002
VINYL ACETATE	1	ND	UG/KG	4.7	20	Jun 3, 2002
VINYL CHLORIDE	1	ND	UG/KG	2.2	9.9	Jun 3, 2002
XYLENES (TOTAL)	1	ND	UG/KG	5.5	9.9	Jun 3, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	110.0 RPR				Jun 3, 2002
4-BROMOFLUOROBENZENE	1	88.0 RPR				Jun 3, 2002
DIBROMOFLUOROMETHANE	1	108.0 RPR				Jun 3, 2002
TOLUENE-D8	1	111.0 RPR				Jun 3, 2002
Prep/Method: 3550/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/KG	67	650	Jun 5, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/KG	130	650	Jun 5, 2002
1,2-DICHLOROBENZENE	1	ND	UG/KG	130	650	Jun 5, 2002
1,3-DICHLOROBENZENE	1	ND	UG/KG	140	650	Jun 5, 2002
1,4-DICHLOROBENZENE	1	ND	UG/KG	110	650	Jun 5, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/KG	65	3200	Jun 5, 2002
1-NAPHTHYLAMINE	1	ND	UG/KG	170	650	Jun 5, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/KG	810	3200	Jun 5, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/KG	150	650	Jun 5, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/KG	99	650	Jun 5, 2002
2,4-DICHLOROPHENOL	1	ND	UG/KG	170	650	Jun 5, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/KG	180	650	Jun 5, 2002
2,4-DINITROPHENOL	1	ND	UG/KG	990	3200	Jun 5, 2002
2,6-DICHLOROPHENOL	1	ND	UG/KG	100	650	Jun 5, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/KG	65	6500	Jun 5, 2002
2-CHLORONAPHTHALENE	1	ND	UG/KG	75	650	Jun 5, 2002
2-CHLOROPHENOL	1	ND	UG/KG	140	650	Jun 5, 2002
2-METHYLNAPHTHALENE	1	ND	UG/KG	120	650	Jun 5, 2002
2-METHYLPHENOL	1	ND	UG/KG	150	650	Jun 5, 2002
2-NAPHTHYLAMINE	1	ND	UG/KG	150	650	Jun 5, 2002
2-NITROANILINE	1	ND	UG/KG	160	3200	Jun 5, 2002
2-NITROPHENOL	1	ND	UG/KG	240	650	Jun 5, 2002
2-PICOLINE	1	ND	UG/KG	95	1300	Jun 5, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/KG	140	3200	Jun 5, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/KG	790	1300	Jun 5, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/KG	77	1300	Jun 5, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/KG	150	650	Jun 5, 2002
3-NITROANILINE	1	ND	UG/KG	170	3200	Jun 5, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/KG	830	3200	Jun 5, 2002
4-AMINOBIPHENYL	1	ND	UG/KG	650	3200	Jun 5, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/KG	140	650	Jun 5, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/KG	190	650	Jun 5, 2002
4-CHLOROANILINE	1	ND	UG/KG	93	650	Jun 5, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/KG	140	650	Jun 5, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/KG	110	1300	Jun 5, 2002
4-NITROANILINE	1	ND	UG/KG	130	3200	Jun 5, 2002
4-NITROPHENOL	1	ND	UG/KG	190	3200	Jun 5, 2002
4-PHENYLENEDIAMINE	1	ND	UG/KG	1700	3200	Jun 5, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/KG	120	1300	Jun 5, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/KG	99	1300	Jun 5, 2002
A,A-DIMETHYLPHENETHYLAMINE	1	ND	UG/KG	650	3200	Jun 5, 2002
ACENAPHTHENE	1	ND	UG/KG	91	650	Jun 5, 2002
ACENAPHTHYLENE	1	ND	UG/KG	67	650	Jun 5, 2002
ACETOPHENONE	1	ND	UG/KG	67	650	Jun 5, 2002
ANILINE	1	ND	UG/KG	110	650	Jun 5, 2002
ANTHRACENE	1	ND	UG/KG	150	650	Jun 5, 2002
ARAMITE	1	ND	UG/KG	85	1300	Jun 5, 2002
BENZO(A)ANTHRACENE	1	ND	UG/KG	77	650	Jun 5, 2002
BENZO(A)PYRENE	1	ND	UG/KG	190	650	Jun 5, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/KG	200	650	Jun 5, 2002
BENZO(GHI)PERYLENE	1	ND	UG/KG	140	650	Jun 5, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/KG	180	650	Jun 5, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-10SD1
Sampling Point: 10SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12QE-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BENZYL ALCOHOL	1	ND	UG/KG	150	650	Jun 5, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/KG	150	650	Jun 5, 2002
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/KG	97	650	Jun 5, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/KG	140	650	Jun 5, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/KG	140	650	Jun 5, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/KG	67	650	Jun 5, 2002
CHLOROBENZILATE	1	ND	UG/KG	89	650	Jun 5, 2002
CHRYSENE	1	ND	UG/KG	110	650	Jun 5, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/KG	150	650	Jun 5, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/KG	71	650	Jun 5, 2002
DIALLATE	1	ND	UG/KG	100	1300	Jun 5, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/KG	93	650	Jun 5, 2002
DIBENZOFURAN	1	ND	UG/KG	160	650	Jun 5, 2002
DIETHYL PHTHALATE	1	ND	UG/KG	100	1300	Jun 5, 2002
DIMETHOATE	1	ND	UG/KG	93	1300	Jun 5, 2002
DIMETHYL PHTHALATE	1	ND	UG/KG	170	650	Jun 5, 2002
DIPHENYLAMINE	1	ND	UG/KG	100	650	Jun 5, 2002
ETHYL METHANESULFONATE	1	ND	UG/KG	88	650	Jun 5, 2002
FAMPHUR	1	ND	UG/KG	200	1300	Jun 5, 2002
FLUORANTHENE	1	ND	UG/KG	170	650	Jun 5, 2002
FLUORENE	1	ND	UG/KG	150	650	Jun 5, 2002
HEXACHLOROBENZENE	1	ND	UG/KG	150	650	Jun 5, 2002
HEXACHLOROBUTADIENE	1	ND	UG/KG	200	650	Jun 5, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/KG	65	3200	Jun 5, 2002
HEXACHLOROETHANE	1	ND	UG/KG	99	650	Jun 5, 2002
HEXACHLOROPROPENE	1	ND	UG/KG	85	6500	Jun 5, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/KG	95	650	Jun 5, 2002
ISODRIN	1	ND	UG/KG	79	650	Jun 5, 2002
ISOPHORONE	1	ND	UG/KG	130	650	Jun 5, 2002
ISOSAFROLE	1	ND	UG/KG	73	1300	Jun 5, 2002
METHAPYRILENE	1	ND	UG/KG	81	3200	Jun 5, 2002
METHYL METHANESULFONATE	1	ND	UG/KG	100	650	Jun 5, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/KG	110	650	Jun 5, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/KG	170	650	Jun 5, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/KG	93	650	Jun 5, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/KG	120	650	Jun 5, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/KG	140	650	Jun 5, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/KG	79	650	Jun 5, 2002
N-NITROSOMORPHOLINE	1	ND	UG/KG	100	650	Jun 5, 2002
N-NITROSOPIPERIDINE	1	ND	UG/KG	140	650	Jun 5, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/KG	85	650	Jun 5, 2002
NAPHTHALENE	1	ND	UG/KG	140	650	Jun 5, 2002
NITROQUINOLINE-1-OXIDE	1	ND	UG/KG	1400	6500	Jun 5, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/KG	100	3200	Jun 5, 2002
O-TOLUIDINE	1	ND	UG/KG	190	1300	Jun 5, 2002
PARATHION	1	ND	UG/KG	93	3200	Jun 5, 2002
PENTACHLOROBENZENE	1	ND	UG/KG	79	650	Jun 5, 2002
PENTACHLOROETHANE	1	ND	UG/KG	100	3200	Jun 5, 2002
PENTACHLORONITROBENZENE	1	ND	UG/KG	110	3200	Jun 5, 2002
PENTACHLOROPHENOL	1	ND	UG/KG	730	3200	Jun 5, 2002
PHENACETIN	1	ND	UG/KG	96	1300	Jun 5, 2002
PHENANTHRENE	1	ND	UG/KG	73	650	Jun 5, 2002
PHENOL	1	ND	UG/KG	140	650	Jun 5, 2002
PHORATE	1	ND	UG/KG	81	3200	Jun 5, 2002
PRONAMIDE	1	ND	UG/KG	99	1300	Jun 5, 2002
PYRENE	1	ND	UG/KG	79	650	Jun 5, 2002
PYRIDINE	1	ND	UG/KG	790	1300	Jun 5, 2002
SAFROLE	1	ND	UG/KG	97	3200	Jun 5, 2002
SULFOTEPP	1	ND	UG/KG	95	2000	Jun 5, 2002
THIONAZIN	1	ND	UG/KG	120	3200	Jun 5, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	48.0 RPR				Jun 5, 2002
2-FLUOROBIPHENYL	1	48.0 RPR				Jun 5, 2002
2-FLUOROPHENOL	1	47.0 RPR				Jun 5, 2002
NITROBENZENE-D5	1	53.0 RPR				Jun 5, 2002
PHENOL-D5	1	46.0 RPR				Jun 5, 2002
TERPHENYL-D14	1	49.0 RPR				Jun 5, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-10SD1
Sampling Point: 10SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12QE-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3550/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/KG	19	240	Jun 5, 2002
1,3-DINITROBENZENE	1	ND	UG/KG	24	240	Jun 5, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/KG	15	240	Jun 5, 2002
2,4-DINITROTOLUENE	1	560	UG/KG	16	240	Jun 5, 2002
2,6-DINITROTOLUENE	1	62 J	UG/KG	18	240	Jun 5, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/KG	53	240	Jun 5, 2002
2-NITROTOLUENE	1	ND	UG/KG	30	240	Jun 5, 2002
3-NITROTOLUENE	1	ND	UG/KG	22	240	Jun 5, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND	UG/KG	15	240	Jun 5, 2002
4-NITROTOLUENE	1	ND	UG/KG	53	240	Jun 5, 2002
HMX	1	ND	UG/KG	16	240	Jun 5, 2002
NITROBENZENE	1	ND	UG/KG	43	240	Jun 5, 2002
NITROGLYCERIN	1	ND	UG/KG	340	990	Jun 5, 2002
PETN	1	ND	UG/KG	280	990	Jun 5, 2002
RDX	1	ND	UG/KG	15	240	Jun 5, 2002
TETRYL	1	ND	UG/KG	43	240	Jun 5, 2002
Surrogates:						
NITROBENZENE-D5	1	85.0 RPR				Jun 5, 2002

Comments:

6010B - TRAC (TIN): Detected in the method blank at 1.9 mg/kg. PQL is 10.0 mg/kg. Sample result was not corrected for the blank.
6020 (LEAD): Detected in the method blank at 0.0093 mg/kg. PQL is 0.10 mg/kg. Sample result was not corrected for the blank.
8260B (METHYLENE CHLORIDE): Detected in the method blank at 1.2 ug/kg. PQL is 5.0 ug/kg. Sample result was not corrected for the blank.
ALL RESULTS AND LIMITS ARE REPORTED ON A DRY WEIGHT BASIS

Qualifiers:

J The result should be considered an estimate.
J The result is between MDL and PQL and should be considered an estimate.

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-10SW1
Sampling Point: 10SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12NG-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3010A/6010B - TRAC						
ANTIMONY	1	ND	UG/L	3.7	10.0	Jun 4, 2002
BARIUM	1	17.9	UG/L	1.8	10.0	Jun 4, 2002
BERYLLIUM	1	ND	UG/L	0.56	5.0	Jun 4, 2002
CADMIUM	1	ND	UG/L	0.30	5.0	Jun 4, 2002
CHROMIUM	1	1.3 B	UG/L	0.74	10.0	Jun 4, 2002
COBALT	1	ND	UG/L	0.92	10.0	Jun 4, 2002
COPPER	1	1.1 B	UG/L	0.76	10.0	Jun 4, 2002
NICKEL	1	ND	UG/L	1.7	40.0	Jun 4, 2002
SILVER	1	ND	UG/L	0.54	10.0	Jun 4, 2002
TIN	1	ND	UG/L	3.4	100	Jun 4, 2002
VANADIUM	1	2.1 B	UG/L	0.61	10.0	Jun 4, 2002
ZINC	1	110	UG/L	6.8	20.0	Jun 4, 2002
Prep/Method: 3010/6020						
ARSENIC	1	0.60 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD	1	1.5	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM	1	ND	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM	1	0.017 B	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY	1	ND	UG/L	0.028	0.20	Jun 5, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/L	0.28	1.0	May 31, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/L	0.32	1.0	May 31, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/L	0.50	1.0	May 31, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/L	0.41	1.0	May 31, 2002
1,1-DICHLOROETHANE	1	ND	UG/L	0.29	1.0	May 31, 2002
1,1-DICHLOROETHENE	1	ND	UG/L	0.31	1.0	May 31, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/L	0.76	1.0	May 31, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/L	0.49	2.0	May 31, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/L	0.46	1.0	May 31, 2002
1,2-DICHLOROETHANE	1	ND	UG/L	0.43	1.0	May 31, 2002
1,2-DICHLOROPROPANE	1	ND	UG/L	0.38	1.0	May 31, 2002
1,4-DIOXANE	1	ND	UG/L	36	200	May 31, 2002
2-BUTANONE (MEK)	1	ND	UG/L	2.4	5.0	May 31, 2002
2-HEXANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
4-METHYL-2-PENTANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
ACETONE	1	ND	UG/L	2.9	10	May 31, 2002
ACETONITRILE	1	ND	UG/L	15	20	May 31, 2002
ACROLEIN	1	ND	UG/L	4.7	20	May 31, 2002
ACRYLONITRILE	1	ND	UG/L	4.9	20	May 31, 2002
ALLYL CHLORIDE	1	ND	UG/L	0.64	2.0	May 31, 2002
BENZENE	1	ND	UG/L	0.27	1.0	May 31, 2002
BROMODICHLOROMETHANE	1	ND	UG/L	0.35	1.0	May 31, 2002
BROMOFORM	1	ND	UG/L	0.46	1.0	May 31, 2002
BROMOMETHANE	1	ND	UG/L	0.28	2.0	May 31, 2002
CARBON DISULFIDE	1	ND	UG/L	0.67	1.0	May 31, 2002
CARBON TETRACHLORIDE	1	ND	UG/L	0.35	1.0	May 31, 2002
CHLOROBENZENE	1	ND	UG/L	0.24	1.0	May 31, 2002
CHLOROETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROFORM	1	ND	UG/L	0.29	1.0	May 31, 2002
CHLOROMETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROPRENE	1	ND	UG/L	0.35	1.0	May 31, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/L	0.33	1.0	May 31, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.31	1.0	May 31, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/L	0.37	1.0	May 31, 2002
DIBROMOMETHANE	1	ND	UG/L	0.40	1.0	May 31, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/L	0.44	2.0	May 31, 2002
ETHYL METHACRYLATE	1	ND	UG/L	0.79	1.0	May 31, 2002
ETHYLBENZENE	1	ND	UG/L	0.51	1.0	May 31, 2002
IODOMETHANE	1	ND	UG/L	0.42	1.0	May 31, 2002
ISOBUTYL ALCOHOL	1	ND	UG/L	26	50	May 31, 2002
METHACRYLONITRILE	1	ND	UG/L	4.7	10	May 31, 2002
METHYL METHACRYLATE	1	ND	UG/L	0.81	1.0	May 31, 2002
METHYLENE CHLORIDE	1	ND	UG/L	0.86	1.0	May 31, 2002
PROPIONITRILE	1	ND	UG/L	8.2	10	May 31, 2002
STYRENE	1	ND	UG/L	0.28	1.0	May 31, 2002
TETRACHLOROETHENE	1	ND	UG/L	0.27	1.0	May 31, 2002
TOLUENE	1	ND	UG/L	0.26	1.0	May 31, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-10SW1
Sampling Point: 10SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12NG-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
TRANS-1,2-DICHLOROETHENE	1	ND	UG/L	0.25	0.50	May 31, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.36	1.0	May 31, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/L	0.70	1.0	May 31, 2002
TRICHLOROETHENE	1	ND	UG/L	0.24	1.0	May 31, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/L	0.43	2.0	May 31, 2002
VINYL ACETATE	1	ND	UG/L	0.91	2.0	May 31, 2002
VINYL CHLORIDE	1	ND	UG/L	0.26	1.0	May 31, 2002
XYLENES (TOTAL)	1	ND	UG/L	0.73	2.0	May 31, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	103.0 RPR				May 31, 2002
4-BROMOFLUOROBENZENE	1	99.0 RPR				May 31, 2002
DIBROMOFLUOROMETHANE	1	98.0 RPR				May 31, 2002
TOLUENE-D8	1	101.0 RPR				May 31, 2002
Prep/Method: 3520C/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/L	1.8	10	Jun 2, 2002
1,2-DICHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,3-DICHLOROBENZENE	1	ND	UG/L	2.5	10	Jun 2, 2002
1,4-DICHLOROBENZENE	1	ND	UG/L	2.2	10	Jun 2, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/L	1.8	50	Jun 2, 2002
1-NAPHTHYLAMINE	1	ND	UG/L	3.3	10	Jun 2, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/L	2.2	50	Jun 2, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4-DICHLOROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2,4-DINITROPHENOL	1	ND	UG/L	16	50	Jun 2, 2002
2,6-DICHLOROPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/L	1.8	100	Jun 2, 2002
2-CHLORONAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
2-CHLOROPHENOL	1	ND	UG/L	1.5	10	Jun 2, 2002
2-METHYLNAPHTHALENE	1	ND	UG/L	1.9	10	Jun 2, 2002
2-METHYLPHENOL	1	ND	UG/L	1.6	10	Jun 2, 2002
2-NAPHTHYLAMINE	1	ND	UG/L	2.6	10	Jun 2, 2002
2-NITROANILINE	1	ND	UG/L	1.6	50	Jun 2, 2002
2-NITROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2-PICOLINE	1	ND	UG/L	1.2	20	Jun 2, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/L	16	50	Jun 2, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/L	10	20	Jun 2, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/L	4.8	20	Jun 2, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
3-NITROANILINE	1	ND	UG/L	6.7	50	Jun 2, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/L	15	50	Jun 2, 2002
4-AMINOBIPHENYL	1	ND	UG/L	1.6	50	Jun 2, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLOROANILINE	1	ND	UG/L	7.3	10	Jun 2, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/L	1.5	10	Jun 2, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/L	3.2	20	Jun 2, 2002
4-NITROANILINE	1	ND	UG/L	4.4	50	Jun 2, 2002
4-NITROPHENOL	1	ND	UG/L	7.1	50	Jun 2, 2002
4-NITROQUINOLINE-1-OXIDE	1	ND	UG/L	22	100	Jun 2, 2002
4-PHENYLENEDIAMINE	1	ND	UG/L	17	100	Jun 2, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/L	3.0	20	Jun 2, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/L	1.5	20	Jun 2, 2002
ACENAPHTHENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACENAPHTHYLENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACETOPHENONE	1	ND	UG/L	1.4	10	Jun 2, 2002
ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE	1	ND	UG/L	13	50	Jun 2, 2002
ANILINE	1	ND	UG/L	1.2	10	Jun 2, 2002
ANTHRACENE	1	ND	UG/L	1.2	10	Jun 2, 2002
ARAMITE	1	ND	UG/L	5.3	20	Jun 2, 2002
BENZO(A)ANTHRACENE	1	ND	UG/L	1.3	10	Jun 2, 2002
BENZO(A)PYRENE	1	ND	UG/L	1.9	10	Jun 2, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZO(GHI)PERYLENE	1	ND	UG/L	1.1	10	Jun 2, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZYL ALCOHOL	1	ND	UG/L	3.0	10	Jun 2, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/L	1.4	10	Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-10SW1
Sampling Point: 10SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12NG-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/L	1.8	10	Jun 2, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/L	1.9	10	Jun 2, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/L	1.9	10	Jun 2, 2002
CHLOROBENZILATE	1	ND	UG/L	2.1	10	Jun 2, 2002
CHRYSENE	1	ND	UG/L	1.5	10	Jun 2, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/L	2.1	10	Jun 2, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIALLATE	1	ND	UG/L	2.1	20	Jun 2, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/L	1.6	10	Jun 2, 2002
DIBENZOFURAN	1	ND	UG/L	1.3	10	Jun 2, 2002
DIETHYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIMETHOATE	1	ND	UG/L	1.8	20	Jun 2, 2002
DIMETHYL PHTHALATE	1	ND	UG/L	1.8	10	Jun 2, 2002
DIPHENYLAMINE	1	ND	UG/L	1.4	10	Jun 2, 2002
ETHYL METHANESULFONATE	1	ND	UG/L	2.7	10	Jun 2, 2002
FAMPHUR	1	ND	UG/L	24	200	Jun 2, 2002
FLUORANTHENE	1	ND	UG/L	2.0	10	Jun 2, 2002
FLUORENE	1	ND	UG/L	1.4	10	Jun 2, 2002
HEXACHLOROBENZENE	1	ND	UG/L	1.5	10	Jun 2, 2002
HEXACHLOROBUTADIENE	1	ND	UG/L	3.3	10	Jun 2, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/L	9.1	50	Jun 2, 2002
HEXACHLOROETHANE	1	ND	UG/L	3.0	10	Jun 2, 2002
HEXACHLOROPROPENE	1	ND	UG/L	1.5	100	Jun 2, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/L	1.3	10	Jun 2, 2002
ISODRIN	1	ND	UG/L	2.0	10	Jun 2, 2002
ISOPHORONE	1	ND	UG/L	1.6	10	Jun 2, 2002
ISOSAFROLE	1	ND	UG/L	1.9	20	Jun 2, 2002
METHAPYRILENE	1	ND	UG/L	18	50	Jun 2, 2002
METHYL METHANESULFONATE	1	ND	UG/L	6.0	10	Jun 2, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/L	1.6	10	Jun 2, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/L	1.7	10	Jun 2, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/L	5.3	10	Jun 2, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/L	3.0	10	Jun 2, 2002
N-NITROSOMORPHOLINE	1	ND	UG/L	3.9	10	Jun 2, 2002
N-NITROSOPIPERIDINE	1	ND	UG/L	1.9	10	Jun 2, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/L	2.4	10	Jun 2, 2002
NAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/L	2.4	50	Jun 2, 2002
O-TOLUIDINE	1	ND	UG/L	1.2	10	Jun 2, 2002
PARATHION	1	ND	UG/L	1.5	50	Jun 2, 2002
PENTACHLOROBENZENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PENTACHLOROETHANE	1	ND	UG/L	1.9	50	Jun 2, 2002
PENTACHLORONITROBENZENE	1	ND	UG/L	2.0	50	Jun 2, 2002
PENTACHLOROPHENOL	1	ND	UG/L	7.7	50	Jun 2, 2002
PHENACETIN	1	ND	UG/L	4.2	20	Jun 2, 2002
PHENANTHRENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
PHORATE	1	ND	UG/L	1.8	50	Jun 2, 2002
PRONAMIDE	1	ND	UG/L	1.4	20	Jun 2, 2002
PYRENE	1	ND	UG/L	1.7	10	Jun 2, 2002
PYRIDINE	1	ND	UG/L	12	20	Jun 2, 2002
SAFROLE	1	ND	UG/L	2.0	50	Jun 2, 2002
SULFOTEPP	1	ND	UG/L	2.1	50	Jun 2, 2002
THIONAZIN	1	ND	UG/L	2.2	10	Jun 2, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	73.0	RPR			Jun 2, 2002
2-FLUOROBIPHENYL	1	66.0	RPR			Jun 2, 2002
2-FLUOROPHENOL	1	66.0	RPR			Jun 2, 2002
NITROBENZENE-D5	1	68.0	RPR			Jun 2, 2002
PHENOL-D5	1	68.0	RPR			Jun 2, 2002
TERPHENYL-D14	1	70.0	RPR			Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-10SW1
Sampling Point: 10SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12NG-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: SW3535/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
1,3-DINITROBENZENE	1	ND	UG/L	0.023	0.12	Jun 4, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/L	0.021	0.12	Jun 4, 2002
2,4-DINITROTOLUENE	1	ND	UG/L	0.026	0.12	Jun 4, 2002
2,6-DINITROTOLUENE	1	ND	UG/L	0.022	0.12	Jun 4, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/L	0.036	0.12	Jun 4, 2002
2-NITROTOLUENE	1	ND	UG/L	0.026	0.12	Jun 4, 2002
3-NITROTOLUENE	1	ND	UG/L	0.027	0.12	Jun 4, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND	UG/L	0.020	0.12	Jun 4, 2002
4-NITROTOLUENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROGLYCERIN	1	ND	UG/L	0.030	0.12	Jun 4, 2002
PETN	1	ND	UG/L	0.051	0.12	Jun 4, 2002
TETRYL	1	ND UJ	UG/L	0.024	0.12	Jun 4, 2002
Surrogates:						
NITROBENZENE-D5	1	77.0 RPR				Jun 4, 2002

Comments:

8270C (BIS(2-ETHYLHEXYL) PHTHALATE): Detected in the method blank at 2.4 ug/L. PQL is 10 ug/L. Sample result was not corrected for the blank.

Qualifiers:

UJ The constituent was analyzed for, but was not detected. The result is an estimate and may be inaccurate or imprecise.

Prep/Method: SW3535/8321						
HMX	5	ND	UG/L	0.20	0.60	Jun 5, 2002
RDX	5	ND	UG/L	0.10	0.60	Jun 5, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-10SW1-DIS
Sampling Point: 10SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12NK-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3005/6010B - TRAC						
ANTIMONY-DISSOLVED	1	ND	UG/L	3.7	10.0	Jun 10, 2002
BARIUM-DISSOLVED	1	10.0	UG/L	1.8	10.0	Jun 10, 2002
BERYLLIUM-DISSOLVED	1	ND	UG/L	0.56	5.0	Jun 10, 2002
CADMIUM-DISSOLVED	1	ND	UG/L	0.30	5.0	Jun 10, 2002
CHROMIUM-DISSOLVED	1	ND	UG/L	0.74	10.0	Jun 10, 2002
COBALT-DISSOLVED	1	ND	UG/L	0.92	10.0	Jun 10, 2002
COPPER-DISSOLVED	1	2.4 B	UG/L	0.76	10.0	Jun 10, 2002
NICKEL-DISSOLVED	1	ND	UG/L	1.7	40.0	Jun 10, 2002
SILVER-DISSOLVED	1	ND	UG/L	0.54	10.0	Jun 10, 2002
TIN-DISSOLVED	1	ND	UG/L	3.4	100	Jun 10, 2002
VANADIUM-DISSOLVED	1	0.81 B	UG/L	0.61	10.0	Jun 10, 2002
ZINC-DISSOLVED	1	93.0	UG/L	6.8	20.0	Jun 10, 2002
Prep/Method: 3005/6020						
ARSENIC-DISSOLVED	1	0.33 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD-DISSOLVED	1	0.88 B	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM-DISSOLVED	1	ND	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM-DISSOLVED	1	ND	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY-DISSOLVED	1	ND	UG/L	0.028	0.20	Jun 5, 2002

Qualifiers:

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-1SD1
Sampling Point: 1SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12N4-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 160.3 MOD/160.3 MOD						
PERCENT MOISTURE	1	61.5	%		0.10	May 31, 2002
Prep/Method: 3050B/6010B - TRAC						
ANTIMONY	1	ND	MG/KG	1.1	2.6	Jun 8, 2002
BARIUM	1	134	MG/KG	0.88	2.6	Jun 8, 2002
BERYLLIUM	1	0.81 B	MG/KG	0.22	1.3	Jun 8, 2002
CADMIUM	1	ND	MG/KG	0.094	1.3	Jun 8, 2002
CHROMIUM	1	28.3	MG/KG	0.19	2.6	Jun 8, 2002
COBALT	1	7.5	MG/KG	0.19	2.6	Jun 8, 2002
COPPER	1	41.4	MG/KG	0.49	5.2	Jun 8, 2002
NICKEL	1	19.6	MG/KG	0.47	10.4	Jun 8, 2002
SILVER	1	0.33 B	MG/KG	0.16	2.6	Jun 8, 2002
TIN	1	4.1 B J	MG/KG	0.81	26.0	Jun 8, 2002
VANADIUM	1	32.4	MG/KG	0.17	2.6	Jun 8, 2002
ZINC	1	128	MG/KG	1.4	5.2	Jun 8, 2002
Prep/Method: 3050B/6020						
ARSENIC	1	3.0	MG/KG	0.044	1.3	Jun 6, 2002
LEAD	1	70.7 J	MG/KG	0.011	0.26	Jun 6, 2002
SELENIUM	1	1.0 B	MG/KG	0.13	1.3	Jun 6, 2002
THALLIUM	1	0.24 B	MG/KG	0.0026	0.26	Jun 6, 2002
Prep/Method: 7471A/7471A						
MERCURY	1	0.16	MG/KG	0.0065	0.086	Jun 4, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/KG	2.5	13	Jun 3, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/KG	2.5	13	Jun 3, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/KG	2.9	13	Jun 3, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/KG	3.9	13	Jun 3, 2002
1,1-DICHLOROETHANE	1	ND	UG/KG	2.5	13	Jun 3, 2002
1,1-DICHLOROETHENE	1	ND	UG/KG	2.9	13	Jun 3, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/KG	3.9	13	Jun 3, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/KG	3.6	26	Jun 3, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/KG	2.4	13	Jun 3, 2002
1,2-DICHLOROETHANE	1	ND	UG/KG	2.6	13	Jun 3, 2002
1,2-DICHLOROPROPANE	1	ND	UG/KG	3.1	13	Jun 3, 2002
1,4-DIOXANE	1	ND	UG/KG	210	1300	Jun 3, 2002
2-BUTANONE (MEK)	1	ND	UG/KG	12	52	Jun 3, 2002
2-HEXANONE	1	ND	UG/KG	12	52	Jun 3, 2002
4-METHYL-2-PENTANONE	1	ND	UG/KG	10	52	Jun 3, 2002
ACETONE	1	ND	UG/KG	12	52	Jun 3, 2002
ACETONITRILE	1	ND	UG/KG	62	260	Jun 3, 2002
ACROLEIN	1	ND	UG/KG	44	260	Jun 3, 2002
ACRYLONITRILE	1	ND	UG/KG	39	260	Jun 3, 2002
ALLYL CHLORIDE	1	ND	UG/KG	2.4	26	Jun 3, 2002
BENZENE	1	ND	UG/KG	2.3	13	Jun 3, 2002
BROMODICHLOROMETHANE	1	ND	UG/KG	2.4	13	Jun 3, 2002
BROMOFORM	1	ND	UG/KG	2.4	13	Jun 3, 2002
BROMOMETHANE	1	ND	UG/KG	3.1	26	Jun 3, 2002
CARBON DISULFIDE	1	ND	UG/KG	2.4	13	Jun 3, 2002
CARBON TETRACHLORIDE	1	ND	UG/KG	3.1	13	Jun 3, 2002
CHLOROBENZENE	1	ND	UG/KG	1.9	13	Jun 3, 2002
CHLOROETHANE	1	ND	UG/KG	3.4	26	Jun 3, 2002
CHLOROFORM	1	ND	UG/KG	2.3	26	Jun 3, 2002
CHLOROMETHANE	1	ND	UG/KG	3.9	26	Jun 3, 2002
CHLOROPRENE	1	ND	UG/KG	2.3	13	Jun 3, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/KG	2.2	6.5	Jun 3, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/KG	2.5	13	Jun 3, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/KG	2.3	13	Jun 3, 2002
DIBROMOMETHANE	1	ND	UG/KG	3.4	13	Jun 3, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/KG	4.2	26	Jun 3, 2002
ETHYL METHACRYLATE	1	ND	UG/KG	2.4	13	Jun 3, 2002
ETHYLBENZENE	1	ND	UG/KG	3.1	13	Jun 3, 2002
IODOMETHANE	1	ND	UG/KG	2.2	13	Jun 3, 2002
ISOBUTYL ALCOHOL	1	ND	UG/KG	110	520	Jun 3, 2002
METHACRYLONITRILE	1	ND	UG/KG	36	130	Jun 3, 2002
METHYL METHACRYLATE	1	ND	UG/KG	3.6	13	Jun 3, 2002
METHYLENE CHLORIDE	1	3.2 J B	UG/KG	2.1	13	Jun 3, 2002
PROPIONITRILE	1	ND	UG/KG	44	130	Jun 3, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-1SD1
Sampling Point: 1SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12N4-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
STYRENE	1	ND	UG/KG	1.7	13	Jun 3, 2002
TETRACHLOROETHENE	1	ND	UG/KG	2.6	13	Jun 3, 2002
TOLUENE	1	ND	UG/KG	2.0	13	Jun 3, 2002
TRANS-1,2-DICHLOROETHENE	1	ND	UG/KG	2.1	6.5	Jun 3, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/KG	2.6	13	Jun 3, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/KG	2.9	13	Jun 3, 2002
TRICHLOROETHENE	1	ND	UG/KG	2.3	13	Jun 3, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/KG	1.3	26	Jun 3, 2002
VINYL ACETATE	1	ND	UG/KG	6.2	26	Jun 3, 2002
VINYL CHLORIDE	1	ND	UG/KG	2.9	13	Jun 3, 2002
XYLENES (TOTAL)	1	ND	UG/KG	7.3	13	Jun 3, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	114.0 RPR				Jun 3, 2002
4-BROMOFLUOROBENZENE	1	73.0 RPR				Jun 3, 2002
DIBROMOFLUOROMETHANE	1	113.0 RPR				Jun 3, 2002
TOLUENE-D8	1	128.0 RPR				Jun 3, 2002
Prep/Method: 3550/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/KG	88	860	Jun 4, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/KG	170	860	Jun 4, 2002
1,2-DICHLOROBENZENE	1	ND	UG/KG	170	860	Jun 4, 2002
1,3-DICHLOROBENZENE	1	ND	UG/KG	180	860	Jun 4, 2002
1,4-DICHLOROBENZENE	1	ND	UG/KG	140	860	Jun 4, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/KG	86	4200	Jun 4, 2002
1-NAPHTHYLAMINE	1	ND	UG/KG	220	860	Jun 4, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/KG	1100	4200	Jun 4, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/KG	190	860	Jun 4, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/KG	130	860	Jun 4, 2002
2,4-DICHLOROPHENOL	1	ND	UG/KG	230	860	Jun 4, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/KG	240	860	Jun 4, 2002
2,4-DINITROPHENOL	1	ND	UG/KG	1300	4200	Jun 4, 2002
2,6-DICHLOROPHENOL	1	ND	UG/KG	140	860	Jun 4, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/KG	86	8600	Jun 4, 2002
2-CHLORONAPHTHALENE	1	ND	UG/KG	99	860	Jun 4, 2002
2-CHLOROPHENOL	1	ND	UG/KG	190	860	Jun 4, 2002
2-METHYLNAPHTHALENE	1	ND	UG/KG	150	860	Jun 4, 2002
2-METHYLPHENOL	1	ND	UG/KG	200	860	Jun 4, 2002
2-NAPHTHYLAMINE	1	ND	UG/KG	200	860	Jun 4, 2002
2-NITROANILINE	1	ND	UG/KG	210	4200	Jun 4, 2002
2-NITROPHENOL	1	ND	UG/KG	310	860	Jun 4, 2002
2-PICOLINE	1	ND	UG/KG	120	1700	Jun 4, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/KG	180	4200	Jun 4, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/KG	1000	1700	Jun 4, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/KG	100	1700	Jun 4, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/KG	190	860	Jun 4, 2002
3-NITROANILINE	1	ND	UG/KG	220	4200	Jun 4, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/KG	1100	4200	Jun 4, 2002
4-AMINOBIPHENYL	1	ND	UG/KG	860	4200	Jun 4, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/KG	180	860	Jun 4, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/KG	250	860	Jun 4, 2002
4-CHLOROANILINE	1	ND	UG/KG	120	860	Jun 4, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/KG	180	860	Jun 4, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/KG	150	1700	Jun 4, 2002
4-NITROANILINE	1	ND	UG/KG	170	4200	Jun 4, 2002
4-NITROPHENOL	1	ND	UG/KG	250	4200	Jun 4, 2002
4-PHENYLENEDIAMINE	1	ND	UG/KG	2200	4200	Jun 4, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/KG	150	1700	Jun 4, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/KG	130	1700	Jun 4, 2002
A,A-DIMETHYLPHENETHYLAMINE	1	ND	UG/KG	860	4200	Jun 4, 2002
ACENAPHTHENE	1	ND	UG/KG	120	860	Jun 4, 2002
ACENAPHTHYLENE	1	ND	UG/KG	88	860	Jun 4, 2002
ACETOPHENONE	1	ND	UG/KG	88	860	Jun 4, 2002
ANILINE	1	ND	UG/KG	150	860	Jun 4, 2002
ANTHRACENE	1	ND	UG/KG	200	860	Jun 4, 2002
ARAMITE	1	ND	UG/KG	110	1700	Jun 4, 2002
BENZO(A)ANTHRACENE	1	ND	UG/KG	100	860	Jun 4, 2002
BENZO(A)PYRENE	1	ND	UG/KG	240	860	Jun 4, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/KG	260	860	Jun 4, 2002
BENZO(GHI)PERYLENE	1	ND	UG/KG	180	860	Jun 4, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/KG	240	860	Jun 4, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-1SD1
Sampling Point: 1SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12N4-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BENZYL ALCOHOL	1	ND	UG/KG	200	860	Jun 4, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/KG	190	860	Jun 4, 2002
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/KG	130	860	Jun 4, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/KG	180	860	Jun 4, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/KG	180	860	Jun 4, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/KG	88	860	Jun 4, 2002
CHLOROBENZILATE	1	ND	UG/KG	120	860	Jun 4, 2002
CHRYSENE	1	ND	UG/KG	140	860	Jun 4, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/KG	200	860	Jun 4, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/KG	94	860	Jun 4, 2002
DIALLATE	1	ND	UG/KG	130	1700	Jun 4, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/KG	120	860	Jun 4, 2002
DIBENZOFURAN	1	ND	UG/KG	210	860	Jun 4, 2002
DIETHYL PHTHALATE	1	ND	UG/KG	140	1700	Jun 4, 2002
DIMETHOATE	1	ND	UG/KG	120	1700	Jun 4, 2002
DIMETHYL PHTHALATE	1	ND	UG/KG	220	860	Jun 4, 2002
DIPHENYLAMINE	1	ND	UG/KG	140	860	Jun 4, 2002
ETHYL METHANESULFONATE	1	ND	UG/KG	120	860	Jun 4, 2002
FAMPHUR	1	ND	UG/KG	260	1700	Jun 4, 2002
FLUORANTHENE	1	ND	UG/KG	220	860	Jun 4, 2002
FLUORENE	1	ND	UG/KG	200	860	Jun 4, 2002
HEXACHLOROBENZENE	1	ND	UG/KG	200	860	Jun 4, 2002
HEXACHLOROBUTADIENE	1	ND	UG/KG	260	860	Jun 4, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/KG	86	4200	Jun 4, 2002
HEXACHLOROETHANE	1	ND	UG/KG	130	860	Jun 4, 2002
HEXACHLOROPROPENE	1	ND	UG/KG	110	8600	Jun 4, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/KG	120	860	Jun 4, 2002
ISODRIN	1	ND	UG/KG	100	860	Jun 4, 2002
ISOPHORONE	1	ND	UG/KG	180	860	Jun 4, 2002
ISOSAFROLE	1	ND	UG/KG	96	1700	Jun 4, 2002
METHAPYRILENE	1	ND	UG/KG	110	4200	Jun 4, 2002
METHYL METHANESULFONATE	1	ND	UG/KG	140	860	Jun 4, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/KG	150	860	Jun 4, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/KG	230	860	Jun 4, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/KG	120	860	Jun 4, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/KG	150	860	Jun 4, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/KG	190	860	Jun 4, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/KG	100	860	Jun 4, 2002
N-NITROSOMORPHOLINE	1	ND	UG/KG	140	860	Jun 4, 2002
N-NITROSOPIPERIDINE	1	ND	UG/KG	180	860	Jun 4, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/KG	110	860	Jun 4, 2002
NAPHTHALENE	1	ND	UG/KG	180	860	Jun 4, 2002
NITROQUINOLINE-1-OXIDE	1	ND	UG/KG	1800	8600	Jun 4, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/KG	140	4200	Jun 4, 2002
O-TOLUIDINE	1	ND	UG/KG	260	1700	Jun 4, 2002
PARATHION	1	ND	UG/KG	120	4200	Jun 4, 2002
PENTACHLOROBENZENE	1	ND	UG/KG	100	860	Jun 4, 2002
PENTACHLOROETHANE	1	ND	UG/KG	130	4200	Jun 4, 2002
PENTACHLORONITROBENZENE	1	ND	UG/KG	150	4200	Jun 4, 2002
PENTACHLOROPHENOL	1	ND	UG/KG	960	4200	Jun 4, 2002
PHENACETIN	1	ND	UG/KG	130	1700	Jun 4, 2002
PHENANTHRENE	1	ND	UG/KG	96	860	Jun 4, 2002
PHENOL	1	ND	UG/KG	180	860	Jun 4, 2002
PHORATE	1	ND	UG/KG	110	4200	Jun 4, 2002
PRONAMIDE	1	ND	UG/KG	130	1700	Jun 4, 2002
PYRENE	1	ND	UG/KG	100	860	Jun 4, 2002
PYRIDINE	1	ND	UG/KG	1000	1700	Jun 4, 2002
SAFROLE	1	ND	UG/KG	130	4200	Jun 4, 2002
SULFOTEPP	1	ND	UG/KG	120	2600	Jun 4, 2002
THIONAZIN	1	ND	UG/KG	160	4200	Jun 4, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	45.0 RPR				Jun 4, 2002
2-FLUOROBIPHENYL	1	48.0 RPR				Jun 4, 2002
2-FLUOROPHENOL	1	44.0 RPR				Jun 4, 2002
NITROBENZENE-D5	1	47.0 RPR				Jun 4, 2002
PHENOL-D5	1	43.0 RPR				Jun 4, 2002
TERPHENYL-D14	1	48.0 RPR				Jun 4, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-1SD1
Sampling Point: 1SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12N4-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3550/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/KG	24	310	Jun 5, 2002
1,3-DINITROBENZENE	1	ND	UG/KG	31	310	Jun 5, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/KG	20	310	Jun 5, 2002
2,4-DINITROTOLUENE	1	ND	UG/KG	21	310	Jun 5, 2002
2,6-DINITROTOLUENE	1	ND	UG/KG	24	310	Jun 5, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/KG	70	310	Jun 5, 2002
2-NITROTOLUENE	1	ND	UG/KG	39	310	Jun 5, 2002
3-NITROTOLUENE	1	ND	UG/KG	29	310	Jun 5, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND	UG/KG	19	310	Jun 5, 2002
4-NITROTOLUENE	1	ND	UG/KG	70	310	Jun 5, 2002
HMX	1	ND	UG/KG	21	310	Jun 5, 2002
NITROBENZENE	1	ND	UG/KG	57	310	Jun 5, 2002
NITROGLYCERIN	1	ND	UG/KG	440	1300	Jun 5, 2002
PETN	1	ND	UG/KG	360	1300	Jun 5, 2002
RDX	1	ND	UG/KG	19	310	Jun 5, 2002
TETRYL	1	ND	UG/KG	57	310	Jun 5, 2002
Surrogates:						
NITROBENZENE-D5	1	83.0 RPR				Jun 5, 2002

Comments:

6010B - TRAC (TIN): Detected in the method blank at 1.9 mg/kg. PQL is 10.0 mg/kg. Sample result was not corrected for the blank.
6020 (LEAD): Detected in the method blank at 0.0093 mg/kg. PQL is 0.10 mg/kg. Sample result was not corrected for the blank.
8260B (METHYLENE CHLORIDE): Detected in the method blank at 1.2 ug/kg. PQL is 5.0 ug/kg. Sample result was not corrected for the blank.
8260B (4-BROMOFLUOROBENZENE): Recovery value for surrogate was low. The lab internal standard was also outside control limits, suggesting matrix interference.
8260B (TOLUENE-D8): Recovery value for surrogate was high. The lab internal standard was also outside control limits, suggesting matrix interference.
ALL RESULTS AND LIMITS ARE REPORTED ON A DRY WEIGHT BASIS

Qualifiers:

J The result is between MDL and PQL and should be considered an estimate.

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-1SW1
Sampling Point: 1SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12K7-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3010A/6010B - TRAC						
ANTIMONY	1	ND	UG/L	3.7	10.0	Jun 4, 2002
BARIUM	1	40.6	UG/L	1.8	10.0	Jun 4, 2002
BERYLLIUM	1	ND	UG/L	0.56	5.0	Jun 4, 2002
CADMIUM	1	ND	UG/L	0.30	5.0	Jun 4, 2002
CHROMIUM	1	3.7 B	UG/L	0.74	10.0	Jun 4, 2002
COBALT	1	1.7 B	UG/L	0.92	10.0	Jun 4, 2002
COPPER	1	7.3 B	UG/L	0.76	10.0	Jun 4, 2002
NICKEL	1	4.7 B	UG/L	1.7	40.0	Jun 4, 2002
SILVER	1	ND	UG/L	0.54	10.0	Jun 4, 2002
TIN	1	ND	UG/L	3.4	100	Jun 4, 2002
VANADIUM	1	10.9	UG/L	0.61	10.0	Jun 4, 2002
ZINC	1	32.6	UG/L	6.8	20.0	Jun 4, 2002
Prep/Method: 3010/6020						
ARSENIC	1	2.2 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD	1	7.4	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM	1	0.36 B	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM	1	0.038 B	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY	1	0.074 B	UG/L	0.028	0.20	Jun 5, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/L	0.28	1.0	May 31, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/L	0.32	1.0	May 31, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/L	0.50	1.0	May 31, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/L	0.41	1.0	May 31, 2002
1,1-DICHLOROETHANE	1	ND	UG/L	0.29	1.0	May 31, 2002
1,1-DICHLOROETHENE	1	ND	UG/L	0.31	1.0	May 31, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/L	0.76	1.0	May 31, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/L	0.49	2.0	May 31, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/L	0.46	1.0	May 31, 2002
1,2-DICHLOROETHANE	1	ND	UG/L	0.43	1.0	May 31, 2002
1,2-DICHLOROPROPANE	1	ND	UG/L	0.38	1.0	May 31, 2002
1,4-DIOXANE	1	ND	UG/L	36	200	May 31, 2002
2-BUTANONE (MEK)	1	ND	UG/L	2.4	5.0	May 31, 2002
2-HEXANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
4-METHYL-2-PENTANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
ACETONE	1	ND	UG/L	2.9	10	May 31, 2002
ACETONITRILE	1	ND	UG/L	15	20	May 31, 2002
ACROLEIN	1	ND	UG/L	4.7	20	May 31, 2002
ACRYLONITRILE	1	ND	UG/L	4.9	20	May 31, 2002
ALLYL CHLORIDE	1	ND	UG/L	0.64	2.0	May 31, 2002
BENZENE	1	ND	UG/L	0.27	1.0	May 31, 2002
BROMODICHLOROMETHANE	1	ND	UG/L	0.35	1.0	May 31, 2002
BROMOFORM	1	ND	UG/L	0.46	1.0	May 31, 2002
BROMOMETHANE	1	ND	UG/L	0.28	2.0	May 31, 2002
CARBON DISULFIDE	1	ND	UG/L	0.67	1.0	May 31, 2002
CARBON TETRACHLORIDE	1	ND	UG/L	0.35	1.0	May 31, 2002
CHLOROBENZENE	1	ND	UG/L	0.24	1.0	May 31, 2002
CHLOROETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROFORM	1	ND	UG/L	0.29	1.0	May 31, 2002
CHLOROMETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROPRENE	1	ND	UG/L	0.35	1.0	May 31, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/L	0.33	1.0	May 31, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.31	1.0	May 31, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/L	0.37	1.0	May 31, 2002
DIBROMOMETHANE	1	ND	UG/L	0.40	1.0	May 31, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/L	0.44	2.0	May 31, 2002
ETHYL METHACRYLATE	1	ND	UG/L	0.79	1.0	May 31, 2002
ETHYLBENZENE	1	ND	UG/L	0.51	1.0	May 31, 2002
IODOMETHANE	1	ND	UG/L	0.42	1.0	May 31, 2002
ISOBUTYL ALCOHOL	1	ND	UG/L	26	50	May 31, 2002
METHACRYLONITRILE	1	ND	UG/L	4.7	10	May 31, 2002
METHYL METHACRYLATE	1	ND	UG/L	0.81	1.0	May 31, 2002
METHYLENE CHLORIDE	1	ND	UG/L	0.86	1.0	May 31, 2002
PROPIONITRILE	1	ND	UG/L	8.2	10	May 31, 2002
STYRENE	1	ND	UG/L	0.28	1.0	May 31, 2002
TETRACHLOROETHENE	1	ND	UG/L	0.27	1.0	May 31, 2002
TOLUENE	1	ND	UG/L	0.26	1.0	May 31, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-1SW1
Sampling Point: 1SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12K7-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
TRANS-1,2-DICHLOROETHENE	1	ND	UG/L	0.25	0.50	May 31, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.36	1.0	May 31, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/L	0.70	1.0	May 31, 2002
TRICHLOROETHENE	1	ND	UG/L	0.24	1.0	May 31, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/L	0.43	2.0	May 31, 2002
VINYL ACETATE	1	ND	UG/L	0.91	2.0	May 31, 2002
VINYL CHLORIDE	1	ND	UG/L	0.26	1.0	May 31, 2002
XYLENES (TOTAL)	1	ND	UG/L	0.73	2.0	May 31, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	86.0 RPR				May 31, 2002
4-BROMOFLUOROBENZENE	1	98.0 RPR				May 31, 2002
DIBROMOFLUOROMETHANE	1	92.0 RPR				May 31, 2002
TOLUENE-D8	1	102.0 RPR				May 31, 2002
Prep/Method: 3520C/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 3, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/L	1.8	10	Jun 3, 2002
1,2-DICHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 3, 2002
1,3-DICHLOROBENZENE	1	ND	UG/L	2.5	10	Jun 3, 2002
1,4-DICHLOROBENZENE	1	ND	UG/L	2.2	10	Jun 3, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/L	1.8	50	Jun 3, 2002
1-NAPHTHYLAMINE	1	ND	UG/L	3.3	10	Jun 3, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/L	2.2	50	Jun 3, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 3, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 3, 2002
2,4-DICHLOROPHENOL	1	ND	UG/L	1.7	10	Jun 3, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/L	2.1	10	Jun 3, 2002
2,4-DINITROPHENOL	1	ND	UG/L	16	50	Jun 3, 2002
2,6-DICHLOROPHENOL	1	ND	UG/L	2.1	10	Jun 3, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/L	1.8	100	Jun 3, 2002
2-CHLORONAPHTHALENE	1	ND	UG/L	1.4	10	Jun 3, 2002
2-CHLOROPHENOL	1	ND	UG/L	1.5	10	Jun 3, 2002
2-METHYLNAPHTHALENE	1	ND	UG/L	1.9	10	Jun 3, 2002
2-METHYLPHENOL	1	ND	UG/L	1.6	10	Jun 3, 2002
2-NAPHTHYLAMINE	1	ND	UG/L	2.6	10	Jun 3, 2002
2-NITROANILINE	1	ND	UG/L	1.6	50	Jun 3, 2002
2-NITROPHENOL	1	ND	UG/L	1.7	10	Jun 3, 2002
2-PICOLINE	1	ND	UG/L	1.2	20	Jun 3, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/L	16	50	Jun 3, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/L	10	20	Jun 3, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/L	4.8	20	Jun 3, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/L	1.4	10	Jun 3, 2002
3-NITROANILINE	1	ND	UG/L	6.7	50	Jun 3, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/L	15	50	Jun 3, 2002
4-AMINOBIPHENYL	1	ND	UG/L	1.6	50	Jun 3, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/L	1.3	10	Jun 3, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/L	1.3	10	Jun 3, 2002
4-CHLOROANILINE	1	ND	UG/L	7.3	10	Jun 3, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/L	1.5	10	Jun 3, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/L	3.2	20	Jun 3, 2002
4-NITROANILINE	1	ND	UG/L	4.4	50	Jun 3, 2002
4-NITROPHENOL	1	ND	UG/L	7.1	50	Jun 3, 2002
4-NITROQUINOLINE-1-OXIDE	1	ND	UG/L	22	100	Jun 3, 2002
4-PHENYLENEDIAMINE	1	ND	UG/L	17	100	Jun 3, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/L	3.0	20	Jun 3, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/L	1.5	20	Jun 3, 2002
ACENAPHTHENE	1	ND	UG/L	1.0	10	Jun 3, 2002
ACENAPHTHYLENE	1	ND	UG/L	1.0	10	Jun 3, 2002
ACETOPHENONE	1	ND	UG/L	1.4	10	Jun 3, 2002
ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE	1	ND	UG/L	13	50	Jun 3, 2002
ANILINE	1	ND	UG/L	1.2	10	Jun 3, 2002
ANTHRACENE	1	ND	UG/L	1.2	10	Jun 3, 2002
ARAMITE	1	ND	UG/L	5.3	20	Jun 3, 2002
BENZO(A)ANTHRACENE	1	ND	UG/L	1.3	10	Jun 3, 2002
BENZO(A)PYRENE	1	ND	UG/L	1.9	10	Jun 3, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 3, 2002
BENZO(GHI)PERYLENE	1	ND	UG/L	1.1	10	Jun 3, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 3, 2002
BENZYL ALCOHOL	1	ND	UG/L	3.0	10	Jun 3, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/L	1.4	10	Jun 3, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-1SW1
Sampling Point: 1SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12K7-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/L	1.8	10	Jun 3, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/L	1.3	10	Jun 3, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/L	1.9	10	Jun 3, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/L	1.9	10	Jun 3, 2002
CHLOROBENZILATE	1	ND	UG/L	2.1	10	Jun 3, 2002
CHRYSENE	1	ND	UG/L	1.5	10	Jun 3, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/L	2.1	10	Jun 3, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 3, 2002
DIALLATE	1	ND	UG/L	2.1	20	Jun 3, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/L	1.6	10	Jun 3, 2002
DIBENZOFURAN	1	ND	UG/L	1.3	10	Jun 3, 2002
DIETHYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 3, 2002
DIMETHOATE	1	ND	UG/L	1.8	20	Jun 3, 2002
DIMETHYL PHTHALATE	1	ND	UG/L	1.8	10	Jun 3, 2002
DIPHENYLAMINE	1	ND	UG/L	1.4	10	Jun 3, 2002
ETHYL METHANESULFONATE	1	ND	UG/L	2.7	10	Jun 3, 2002
FAMPHUR	1	ND	UG/L	24	200	Jun 3, 2002
FLUORANTHENE	1	ND	UG/L	2.0	10	Jun 3, 2002
FLUORENE	1	ND	UG/L	1.4	10	Jun 3, 2002
HEXACHLOROBENZENE	1	ND	UG/L	1.5	10	Jun 3, 2002
HEXACHLOROBUTADIENE	1	ND	UG/L	3.3	10	Jun 3, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/L	9.1	50	Jun 3, 2002
HEXACHLOROETHANE	1	ND	UG/L	3.0	10	Jun 3, 2002
HEXACHLOROPROPENE	1	ND	UG/L	1.5	100	Jun 3, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/L	1.3	10	Jun 3, 2002
ISODRIN	1	ND	UG/L	2.0	10	Jun 3, 2002
ISOPHORONE	1	ND	UG/L	1.6	10	Jun 3, 2002
ISOSAFROLE	1	ND	UG/L	1.9	20	Jun 3, 2002
METHAPYRILENE	1	ND	UG/L	18	50	Jun 3, 2002
METHYL METHANESULFONATE	1	ND	UG/L	6.0	10	Jun 3, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/L	1.8	10	Jun 3, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/L	1.8	10	Jun 3, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/L	1.6	10	Jun 3, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/L	1.7	10	Jun 3, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/L	5.3	10	Jun 3, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/L	3.0	10	Jun 3, 2002
N-NITROSOMORPHOLINE	1	ND	UG/L	3.9	10	Jun 3, 2002
N-NITROSOPIPERIDINE	1	ND	UG/L	1.9	10	Jun 3, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/L	2.4	10	Jun 3, 2002
NAPHTHALENE	1	ND	UG/L	1.4	10	Jun 3, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/L	2.4	50	Jun 3, 2002
O-TOLUIDINE	1	ND	UG/L	1.2	10	Jun 3, 2002
PARATHION	1	ND	UG/L	1.5	50	Jun 3, 2002
PENTACHLOROBENZENE	1	ND	UG/L	1.2	10	Jun 3, 2002
PENTACHLOROETHANE	1	ND	UG/L	1.9	50	Jun 3, 2002
PENTACHLORONITROBENZENE	1	ND	UG/L	2.0	50	Jun 3, 2002
PENTACHLOROPHENOL	1	ND	UG/L	7.7	50	Jun 3, 2002
PHENACETIN	1	ND	UG/L	4.2	20	Jun 3, 2002
PHENANTHRENE	1	ND	UG/L	1.2	10	Jun 3, 2002
PHENOL	1	ND	UG/L	1.4	10	Jun 3, 2002
PHORATE	1	ND	UG/L	1.8	50	Jun 3, 2002
PRONAMIDE	1	ND	UG/L	1.4	20	Jun 3, 2002
PYRENE	1	ND	UG/L	1.7	10	Jun 3, 2002
PYRIDINE	1	ND	UG/L	12	20	Jun 3, 2002
SAFROLE	1	ND	UG/L	2.0	50	Jun 3, 2002
SULFOTEPP	1	ND	UG/L	2.1	50	Jun 3, 2002
THIONAZIN	1	ND	UG/L	2.2	10	Jun 3, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	83.0	RPR			Jun 3, 2002
2-FLUOROBIPHENYL	1	74.0	RPR			Jun 3, 2002
2-FLUOROPHENOL	1	75.0	RPR			Jun 3, 2002
NITROBENZENE-D5	1	76.0	RPR			Jun 3, 2002
PHENOL-D5	1	79.0	RPR			Jun 3, 2002
TERPHENYL-D14	1	38.0	RPR			Jun 3, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-1SW1
Sampling Point: 1SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12K7-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: SW3535/8321						
1,3,5-TRINITROBENZENE	1	ND UJ	UG/L	0.025	0.12	Jun 5, 2002
1,3-DINITROBENZENE	1	ND UJ	UG/L	0.023	0.12	Jun 5, 2002
2,4,6-TRINITROTOLUENE	1	ND UJ	UG/L	0.021	0.12	Jun 5, 2002
2,4-DINITROTOLUENE	1	0.027 J	UG/L	0.026	0.12	Jun 5, 2002
2,6-DINITROTOLUENE	1	ND UJ	UG/L	0.022	0.12	Jun 5, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND UJ	UG/L	0.036	0.12	Jun 5, 2002
2-NITROTOLUENE	1	ND UJ	UG/L	0.026	0.12	Jun 5, 2002
3-NITROTOLUENE	1	ND UJ	UG/L	0.027	0.12	Jun 5, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND UJ	UG/L	0.020	0.12	Jun 5, 2002
4-NITROTOLUENE	1	ND UJ	UG/L	0.025	0.12	Jun 5, 2002
NITROBENZENE	1	ND UJ	UG/L	0.025	0.12	Jun 5, 2002
NITROGLYCERIN	1	ND UJ	UG/L	0.030	0.12	Jun 5, 2002
PETN	1	ND UJ	UG/L	0.051	0.12	Jun 5, 2002
TETRYL	1	ND UJ	UG/L	0.024	0.12	Jun 5, 2002
Surrogates:						
NITROBENZENE-D5	1	25.0 RPR				Jun 5, 2002

Comments:

8270C (BIS(2-ETHYLHEXYL) PHTHALATE): Detected in the method blank at 2.4 ug/L. PQL is 10 ug/L. Sample result was not corrected for the blank.
8270C (TERPHENYL-D14): Recovery value for surrogate was low. Because all other surrogate recoveries were within QC control limits, corrective action was deemed unnecessary.
8321 (NITROBENZENE-D5): Recovery value for surrogate was low. The lab reported that the sample matrix caused preparation difficulties which may have contributed to the low surrogate recovery.

Qualifiers:

J The result should be considered an estimate.
UJ The constituent was analyzed for, but was not detected. The result is an estimate and may be inaccurate or imprecise.

Prep/Method: SW3535/8321						
HMX	5	ND UJ	UG/L	0.20	0.60	Jun 4, 2002
RDX	5	ND UJ	UG/L	0.10	0.60	Jun 4, 2002

Qualifiers:

UJ The constituent was analyzed for, but was not detected. The result is an estimate and may be inaccurate or imprecise.

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-1SW1-DIS
Sampling Point: 1SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12LM-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3005/6010B - TRAC						
ANTIMONY-DISSOLVED	1	ND	UG/L	3.7	10.0	Jun 10, 2002
BARIUM-DISSOLVED	1	11.7	UG/L	1.8	10.0	Jun 10, 2002
BERYLLIUM-DISSOLVED	1	ND	UG/L	0.56	5.0	Jun 10, 2002
CADMIUM-DISSOLVED	1	ND	UG/L	0.30	5.0	Jun 10, 2002
CHROMIUM-DISSOLVED	1	ND	UG/L	0.74	10.0	Jun 10, 2002
COBALT-DISSOLVED	1	ND	UG/L	0.92	10.0	Jun 10, 2002
COPPER-DISSOLVED	1	3.3 B	UG/L	0.76	10.0	Jun 10, 2002
NICKEL-DISSOLVED	1	ND	UG/L	1.7	40.0	Jun 10, 2002
SILVER-DISSOLVED	1	ND	UG/L	0.54	10.0	Jun 10, 2002
TIN-DISSOLVED	1	ND	UG/L	3.4	100	Jun 10, 2002
VANADIUM-DISSOLVED	1	1.5 B	UG/L	0.61	10.0	Jun 10, 2002
ZINC-DISSOLVED	1	14.7 B	UG/L	6.8	20.0	Jun 10, 2002
Prep/Method: 3005/6020						
ARSENIC-DISSOLVED	1	0.79 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD-DISSOLVED	1	1.1	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM-DISSOLVED	1	0.26 B	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM-DISSOLVED	1	ND	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY-DISSOLVED	1	ND	UG/L	0.028	0.20	Jun 5, 2002

Qualifiers:

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-2SD1
Sampling Point: 2SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PD-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 160.3 MOD/160.3 MOD						
PERCENT MOISTURE	1	29.1	%		0.10	May 31, 2002
Prep/Method: 3050B/6010B - TRAC						
ANTIMONY	1	ND	MG/KG	0.62	1.4	Jun 8, 2002
BARIUM	1	39.9	MG/KG	0.48	1.4	Jun 8, 2002
BERYLLIUM	1	0.27 B	MG/KG	0.12	0.71	Jun 8, 2002
CADMIUM	1	ND	MG/KG	0.051	0.71	Jun 8, 2002
CHROMIUM	1	13.9	MG/KG	0.10	1.4	Jun 8, 2002
COBALT	1	4.9	MG/KG	0.10	1.4	Jun 8, 2002
COPPER	1	12.1	MG/KG	0.27	2.8	Jun 8, 2002
NICKEL	1	8.8	MG/KG	0.25	5.6	Jun 8, 2002
SILVER	1	0.11 B	MG/KG	0.089	1.4	Jun 8, 2002
TIN	1	1.5 B J	MG/KG	0.44	14.1	Jun 8, 2002
VANADIUM	1	21.6	MG/KG	0.095	1.4	Jun 8, 2002
ZINC	1	27.8	MG/KG	0.75	2.8	Jun 8, 2002
Prep/Method: 3050B/6020						
ARSENIC	1	1.1	MG/KG	0.024	0.71	Jun 6, 2002
LEAD	1	11.4 J	MG/KG	0.0059	0.14	Jun 6, 2002
SELENIUM	1	0.39 B	MG/KG	0.069	0.71	Jun 6, 2002
THALLIUM	1	0.062 B	MG/KG	0.0014	0.14	Jun 6, 2002
Prep/Method: 7471A/7471A						
MERCURY	1	0.018 B	MG/KG	0.0035	0.047	Jun 4, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/KG	1.4	7.1	Jun 3, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/KG	1.4	7.1	Jun 3, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/KG	1.6	7.1	Jun 3, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/KG	2.1	7.1	Jun 3, 2002
1,1-DICHLOROETHANE	1	ND	UG/KG	1.4	7.1	Jun 3, 2002
1,1-DICHLOROETHENE	1	ND	UG/KG	1.6	7.1	Jun 3, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/KG	2.1	7.1	Jun 3, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/KG	2.0	14	Jun 3, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/KG	1.3	7.1	Jun 3, 2002
1,2-DICHLOROETHANE	1	ND	UG/KG	1.4	7.1	Jun 3, 2002
1,2-DICHLOROPROPANE	1	ND	UG/KG	1.7	7.1	Jun 3, 2002
1,4-DIOXANE	1	ND	UG/KG	110	710	Jun 3, 2002
2-BUTANONE (MEK)	1	ND	UG/KG	6.6	28	Jun 3, 2002
2-HEXANONE	1	ND	UG/KG	6.5	28	Jun 3, 2002
4-METHYL-2-PENTANONE	1	ND	UG/KG	5.5	28	Jun 3, 2002
ACETONE	1	ND	UG/KG	6.5	28	Jun 3, 2002
ACETONITRILE	1	ND	UG/KG	34	140	Jun 3, 2002
ACROLEIN	1	ND	UG/KG	24	140	Jun 3, 2002
ACRYLONITRILE	1	ND	UG/KG	21	140	Jun 3, 2002
ALLYL CHLORIDE	1	ND	UG/KG	1.3	14	Jun 3, 2002
BENZENE	1	ND	UG/KG	1.3	7.1	Jun 3, 2002
BROMODICHLOROMETHANE	1	ND	UG/KG	1.3	7.1	Jun 3, 2002
BROMOFORM	1	ND	UG/KG	1.3	7.1	Jun 3, 2002
BROMOMETHANE	1	ND	UG/KG	1.7	14	Jun 3, 2002
CARBON DISULFIDE	1	ND	UG/KG	1.3	7.1	Jun 3, 2002
CARBON TETRACHLORIDE	1	ND	UG/KG	1.7	7.1	Jun 3, 2002
CHLOROBENZENE	1	ND	UG/KG	1.1	7.1	Jun 3, 2002
CHLOROETHANE	1	ND	UG/KG	1.8	14	Jun 3, 2002
CHLOROFORM	1	ND	UG/KG	1.3	14	Jun 3, 2002
CHLOROMETHANE	1	ND	UG/KG	2.1	14	Jun 3, 2002
CHLOROPRENE	1	ND	UG/KG	1.2	7.1	Jun 3, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/KG	1.2	3.5	Jun 3, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/KG	1.4	7.1	Jun 3, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/KG	1.3	7.1	Jun 3, 2002
DIBROMOMETHANE	1	ND	UG/KG	1.8	7.1	Jun 3, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/KG	2.3	14	Jun 3, 2002
ETHYL METHACRYLATE	1	ND	UG/KG	1.3	7.1	Jun 3, 2002
ETHYLBENZENE	1	ND	UG/KG	1.7	7.1	Jun 3, 2002
IODOMETHANE	1	ND	UG/KG	1.2	7.1	Jun 3, 2002
ISOBUTYL ALCOHOL	1	ND	UG/KG	59	280	Jun 3, 2002
METHACRYLONITRILE	1	ND	UG/KG	20	71	Jun 3, 2002
METHYL METHACRYLATE	1	ND	UG/KG	2.0	7.1	Jun 3, 2002
METHYLENE CHLORIDE	1	1.4 J B	UG/KG	1.1	7.1	Jun 3, 2002
PROPIONITRILE	1	ND	UG/KG	24	71	Jun 3, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-2SD1
Sampling Point: 2SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PD-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
STYRENE	1	ND	UG/KG	0.93	7.1	Jun 3, 2002
TETRACHLOROETHENE	1	ND	UG/KG	1.4	7.1	Jun 3, 2002
TOLUENE	1	ND	UG/KG	1.1	7.1	Jun 3, 2002
TRANS-1,2-DICHLOROETHENE	1	ND	UG/KG	1.1	3.5	Jun 3, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/KG	1.4	7.1	Jun 3, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/KG	1.6	7.1	Jun 3, 2002
TRICHLOROETHENE	1	ND	UG/KG	1.2	7.1	Jun 3, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/KG	0.72	14	Jun 3, 2002
VINYL ACETATE	1	ND	UG/KG	3.4	14	Jun 3, 2002
VINYL CHLORIDE	1	ND	UG/KG	1.6	7.1	Jun 3, 2002
XYLENES (TOTAL)	1	ND	UG/KG	4.0	7.1	Jun 3, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	113.0 RPR				Jun 3, 2002
4-BROMOFLUOROBENZENE	1	86.0 RPR				Jun 3, 2002
DIBROMOFLUOROMETHANE	1	110.0 RPR				Jun 3, 2002
TOLUENE-D8	1	109.0 RPR				Jun 3, 2002
Prep/Method: 3550/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/KG	48	470	Jun 4, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/KG	90	470	Jun 4, 2002
1,2-DICHLOROBENZENE	1	ND	UG/KG	90	470	Jun 4, 2002
1,3-DICHLOROBENZENE	1	ND	UG/KG	100	470	Jun 4, 2002
1,4-DICHLOROBENZENE	1	ND	UG/KG	78	470	Jun 4, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/KG	47	2300	Jun 4, 2002
1-NAPHTHYLAMINE	1	ND	UG/KG	120	470	Jun 4, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/KG	580	2300	Jun 4, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/KG	110	470	Jun 4, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/KG	71	470	Jun 4, 2002
2,4-DICHLOROPHENOL	1	ND	UG/KG	120	470	Jun 4, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/KG	130	470	Jun 4, 2002
2,4-DINITROPHENOL	1	ND	UG/KG	710	2300	Jun 4, 2002
2,6-DICHLOROPHENOL	1	ND	UG/KG	73	470	Jun 4, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/KG	47	4700	Jun 4, 2002
2-CHLORONAPHTHALENE	1	ND	UG/KG	54	470	Jun 4, 2002
2-CHLOROPHENOL	1	ND	UG/KG	100	470	Jun 4, 2002
2-METHYLNAPHTHALENE	1	ND	UG/KG	83	470	Jun 4, 2002
2-METHYLPHENOL	1	ND	UG/KG	110	470	Jun 4, 2002
2-NAPHTHYLAMINE	1	ND	UG/KG	110	470	Jun 4, 2002
2-NITROANILINE	1	ND	UG/KG	110	2300	Jun 4, 2002
2-NITROPHENOL	1	ND	UG/KG	170	470	Jun 4, 2002
2-PICOLINE	1	ND	UG/KG	68	930	Jun 4, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/KG	99	2300	Jun 4, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/KG	560	930	Jun 4, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/KG	55	930	Jun 4, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/KG	100	470	Jun 4, 2002
3-NITROANILINE	1	ND	UG/KG	120	2300	Jun 4, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/KG	590	2300	Jun 4, 2002
4-AMINOBIPHENYL	1	ND	UG/KG	470	2300	Jun 4, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/KG	100	470	Jun 4, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/KG	130	470	Jun 4, 2002
4-CHLOROANILINE	1	ND	UG/KG	66	470	Jun 4, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/KG	100	470	Jun 4, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/KG	79	930	Jun 4, 2002
4-NITROANILINE	1	ND	UG/KG	90	2300	Jun 4, 2002
4-NITROPHENOL	1	ND	UG/KG	130	2300	Jun 4, 2002
4-PHENYLENEDIAMINE	1	ND	UG/KG	1200	2300	Jun 4, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/KG	83	930	Jun 4, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/KG	71	930	Jun 4, 2002
A,A-DIMETHYLPHENETHYLAMINE	1	ND	UG/KG	470	2300	Jun 4, 2002
ACENAPHTHENE	1	ND	UG/KG	65	470	Jun 4, 2002
ACENAPHTHYLENE	1	ND	UG/KG	48	470	Jun 4, 2002
ACETOPHENONE	1	ND	UG/KG	48	470	Jun 4, 2002
ANILINE	1	ND	UG/KG	80	470	Jun 4, 2002
ANTHRACENE	1	ND	UG/KG	110	470	Jun 4, 2002
ARAMITE	1	ND	UG/KG	61	930	Jun 4, 2002
BENZO(A)ANTHRACENE	1	ND	UG/KG	55	470	Jun 4, 2002
BENZO(A)PYRENE	1	ND	UG/KG	130	470	Jun 4, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/KG	140	470	Jun 4, 2002
BENZO(GHI)PERYLENE	1	ND	UG/KG	99	470	Jun 4, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/KG	130	470	Jun 4, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-2SD1
Sampling Point: 2SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PD-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BENZYL ALCOHOL	1	ND	UG/KG	110	470	Jun 4, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/KG	100	470	Jun 4, 2002
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/KG	69	470	Jun 4, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/KG	97	470	Jun 4, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/KG	97	470	Jun 4, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/KG	48	470	Jun 4, 2002
CHLOROBENZILATE	1	ND	UG/KG	64	470	Jun 4, 2002
CHRYSENE	1	ND	UG/KG	75	470	Jun 4, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/KG	110	470	Jun 4, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/KG	51	470	Jun 4, 2002
DIALLATE	1	ND	UG/KG	72	930	Jun 4, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/KG	66	470	Jun 4, 2002
DIBENZOFURAN	1	ND	UG/KG	120	470	Jun 4, 2002
DIETHYL PHTHALATE	1	ND	UG/KG	75	930	Jun 4, 2002
DIMETHOATE	1	ND	UG/KG	66	930	Jun 4, 2002
DIMETHYL PHTHALATE	1	ND	UG/KG	120	470	Jun 4, 2002
DIPHENYLAMINE	1	ND	UG/KG	73	470	Jun 4, 2002
ETHYL METHANESULFONATE	1	ND	UG/KG	63	470	Jun 4, 2002
FAMPHUR	1	ND	UG/KG	140	930	Jun 4, 2002
FLUORANTHENE	1	ND	UG/KG	120	470	Jun 4, 2002
FLUORENE	1	ND	UG/KG	110	470	Jun 4, 2002
HEXACHLOROBENZENE	1	ND	UG/KG	110	470	Jun 4, 2002
HEXACHLOROBUTADIENE	1	ND	UG/KG	140	470	Jun 4, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/KG	47	2300	Jun 4, 2002
HEXACHLOROETHANE	1	ND	UG/KG	71	470	Jun 4, 2002
HEXACHLOROPROPENE	1	ND	UG/KG	61	4700	Jun 4, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/KG	68	470	Jun 4, 2002
ISODRIN	1	ND	UG/KG	56	470	Jun 4, 2002
ISOPHORONE	1	ND	UG/KG	96	470	Jun 4, 2002
ISOSAFROLE	1	ND	UG/KG	52	930	Jun 4, 2002
METHAPYRILENE	1	ND	UG/KG	58	2300	Jun 4, 2002
METHYL METHANESULFONATE	1	ND	UG/KG	75	470	Jun 4, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/KG	79	470	Jun 4, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/KG	120	470	Jun 4, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/KG	66	470	Jun 4, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/KG	83	470	Jun 4, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/KG	100	470	Jun 4, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/KG	56	470	Jun 4, 2002
N-NITROSOMORPHOLINE	1	ND	UG/KG	74	470	Jun 4, 2002
N-NITROSOPIPERIDINE	1	ND	UG/KG	97	470	Jun 4, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/KG	61	470	Jun 4, 2002
NAPHTHALENE	1	ND	UG/KG	99	470	Jun 4, 2002
NITROQUINOLINE-1-OXIDE	1	ND	UG/KG	1000	4700	Jun 4, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/KG	73	2300	Jun 4, 2002
O-TOLUIDINE	1	ND	UG/KG	140	930	Jun 4, 2002
PARATHION	1	ND	UG/KG	66	2300	Jun 4, 2002
PENTACHLOROBENZENE	1	ND	UG/KG	56	470	Jun 4, 2002
PENTACHLOROETHANE	1	ND	UG/KG	72	2300	Jun 4, 2002
PENTACHLORONITROBENZENE	1	ND	UG/KG	79	2300	Jun 4, 2002
PENTACHLOROPHENOL	1	ND	UG/KG	520	2300	Jun 4, 2002
PHENACETIN	1	ND	UG/KG	69	930	Jun 4, 2002
PHENANTHRENE	1	ND	UG/KG	52	470	Jun 4, 2002
PHENOL	1	ND	UG/KG	100	470	Jun 4, 2002
PHORATE	1	ND	UG/KG	58	2300	Jun 4, 2002
PRONAMIDE	1	ND	UG/KG	71	930	Jun 4, 2002
PYRENE	1	ND	UG/KG	56	470	Jun 4, 2002
PYRIDINE	1	ND	UG/KG	560	930	Jun 4, 2002
SAFROLE	1	ND	UG/KG	69	2300	Jun 4, 2002
SULFOTEPP	1	ND	UG/KG	68	1400	Jun 4, 2002
THIONAZIN	1	ND	UG/KG	87	2300	Jun 4, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	67.0 RPR	Jun 4, 2002
2-FLUOROBIPHENYL	1	67.0 RPR	Jun 4, 2002
2-FLUOROPHENOL	1	64.0 RPR	Jun 4, 2002
NITROBENZENE-D5	1	71.0 RPR	Jun 4, 2002
PHENOL-D5	1	63.0 RPR	Jun 4, 2002
TERPHENYL-D14	1	74.0 RPR	Jun 4, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-2SD1
Sampling Point: 2SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PD-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3550/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/KG	13	170	Jun 5, 2002
1,3-DINITROBENZENE	1	ND	UG/KG	17	170	Jun 5, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/KG	11	170	Jun 5, 2002
2,4-DINITROTOLUENE	1	ND	UG/KG	11	170	Jun 5, 2002
2,6-DINITROTOLUENE	1	ND	UG/KG	13	170	Jun 5, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/KG	38	170	Jun 5, 2002
2-NITROTOLUENE	1	ND	UG/KG	21	170	Jun 5, 2002
3-NITROTOLUENE	1	ND	UG/KG	16	170	Jun 5, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND	UG/KG	10	170	Jun 5, 2002
4-NITROTOLUENE	1	ND	UG/KG	38	170	Jun 5, 2002
HMX	1	ND	UG/KG	11	170	Jun 5, 2002
NITROBENZENE	1	ND	UG/KG	31	170	Jun 5, 2002
NITROGLYCERIN	1	ND	UG/KG	240	710	Jun 5, 2002
PETN	1	ND	UG/KG	200	710	Jun 5, 2002
RDX	1	ND	UG/KG	11	170	Jun 5, 2002
TETRYL	1	ND	UG/KG	31	170	Jun 5, 2002
Surrogates:						
NITROBENZENE-D5	1	85.0 RPR				Jun 5, 2002

Comments:

6010B - TRAC (TIN): Detected in the method blank at 1.9 mg/kg. PQL is 10.0 mg/kg. Sample result was not corrected for the blank.
6020 (LEAD): Detected in the method blank at 0.0093 mg/kg. PQL is 0.10 mg/kg. Sample result was not corrected for the blank.
8260B (METHYLENE CHLORIDE): Detected in the method blank at 1.2 ug/kg. PQL is 5.0 ug/kg. Sample result was not corrected for the blank.
ALL RESULTS AND LIMITS ARE REPORTED ON A DRY WEIGHT BASIS

Qualifiers:

J The result is between MDL and PQL and should be considered an estimate.

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-2SW1
Sampling Point: 2SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12LN-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3010A/6010B - TRAC						
ANTIMONY	1	ND	UG/L	3.7	10.0	Jun 4, 2002
BARIUM	1	64.2	UG/L	1.8	10.0	Jun 4, 2002
BERYLLIUM	1	ND	UG/L	0.56	5.0	Jun 4, 2002
CADMIUM	1	ND	UG/L	0.30	5.0	Jun 4, 2002
CHROMIUM	1	10.3	UG/L	0.74	10.0	Jun 4, 2002
COBALT	1	2.8 B	UG/L	0.92	10.0	Jun 4, 2002
COPPER	1	12.4	UG/L	0.76	10.0	Jun 4, 2002
NICKEL	1	7.6 B	UG/L	1.7	40.0	Jun 4, 2002
SILVER	1	ND	UG/L	0.54	10.0	Jun 4, 2002
TIN	1	ND	UG/L	3.4	100	Jun 4, 2002
VANADIUM	1	13.9	UG/L	0.61	10.0	Jun 4, 2002
ZINC	1	33.9	UG/L	6.8	20.0	Jun 4, 2002
Prep/Method: 3010/6020						
ARSENIC	1	0.85 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD	1	10.3	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM	1	0.32 B	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM	1	0.078 B	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY	1	0.049 B	UG/L	0.028	0.20	Jun 5, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/L	0.28	1.0	May 31, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/L	0.32	1.0	May 31, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/L	0.50	1.0	May 31, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/L	0.41	1.0	May 31, 2002
1,1-DICHLOROETHANE	1	ND	UG/L	0.29	1.0	May 31, 2002
1,1-DICHLOROETHENE	1	ND	UG/L	0.31	1.0	May 31, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/L	0.76	1.0	May 31, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/L	0.49	2.0	May 31, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/L	0.46	1.0	May 31, 2002
1,2-DICHLOROETHANE	1	ND	UG/L	0.43	1.0	May 31, 2002
1,2-DICHLOROPROPANE	1	ND	UG/L	0.38	1.0	May 31, 2002
1,4-DIOXANE	1	ND	UG/L	36	200	May 31, 2002
2-BUTANONE (MEK)	1	ND	UG/L	2.4	5.0	May 31, 2002
2-HEXANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
4-METHYL-2-PENTANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
ACETONE	1	ND	UG/L	2.9	10	May 31, 2002
ACETONITRILE	1	ND	UG/L	15	20	May 31, 2002
ACROLEIN	1	ND	UG/L	4.7	20	May 31, 2002
ACRYLONITRILE	1	ND	UG/L	4.9	20	May 31, 2002
ALLYL CHLORIDE	1	ND	UG/L	0.64	2.0	May 31, 2002
BENZENE	1	ND	UG/L	0.27	1.0	May 31, 2002
BROMODICHLOROMETHANE	1	ND	UG/L	0.35	1.0	May 31, 2002
BROMOFORM	1	ND	UG/L	0.46	1.0	May 31, 2002
BROMOMETHANE	1	ND	UG/L	0.28	2.0	May 31, 2002
CARBON DISULFIDE	1	ND	UG/L	0.67	1.0	May 31, 2002
CARBON TETRACHLORIDE	1	ND	UG/L	0.35	1.0	May 31, 2002
CHLOROBENZENE	1	ND	UG/L	0.24	1.0	May 31, 2002
CHLOROETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROFORM	1	ND	UG/L	0.29	1.0	May 31, 2002
CHLOROMETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROPRENE	1	ND	UG/L	0.35	1.0	May 31, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/L	0.33	1.0	May 31, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.31	1.0	May 31, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/L	0.37	1.0	May 31, 2002
DIBROMOMETHANE	1	ND	UG/L	0.40	1.0	May 31, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/L	0.44	2.0	May 31, 2002
ETHYL METHACRYLATE	1	ND	UG/L	0.79	1.0	May 31, 2002
ETHYLBENZENE	1	ND	UG/L	0.51	1.0	May 31, 2002
IODOMETHANE	1	ND	UG/L	0.42	1.0	May 31, 2002
ISOBUTYL ALCOHOL	1	ND	UG/L	26	50	May 31, 2002
METHACRYLONITRILE	1	ND	UG/L	4.7	10	May 31, 2002
METHYL METHACRYLATE	1	ND	UG/L	0.81	1.0	May 31, 2002
METHYLENE CHLORIDE	1	ND	UG/L	0.86	1.0	May 31, 2002
PROPIONITRILE	1	ND	UG/L	8.2	10	May 31, 2002
STYRENE	1	ND	UG/L	0.28	1.0	May 31, 2002
TETRACHLOROETHENE	1	ND	UG/L	0.27	1.0	May 31, 2002
TOLUENE	1	ND	UG/L	0.26	1.0	May 31, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-2SW1
Sampling Point: 2SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12LN-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
TRANS-1,2-DICHLOROETHENE	1	ND	UG/L	0.25	0.50	May 31, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.36	1.0	May 31, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/L	0.70	1.0	May 31, 2002
TRICHLOROETHENE	1	ND	UG/L	0.24	1.0	May 31, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/L	0.43	2.0	May 31, 2002
VINYL ACETATE	1	ND	UG/L	0.91	2.0	May 31, 2002
VINYL CHLORIDE	1	ND	UG/L	0.26	1.0	May 31, 2002
XYLENES (TOTAL)	1	ND	UG/L	0.73	2.0	May 31, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	96.0 RPR				May 31, 2002
4-BROMOFLUOROBENZENE	1	100.0 RPR				May 31, 2002
DIBROMOFLUOROMETHANE	1	95.0 RPR				May 31, 2002
TOLUENE-D8	1	101.0 RPR				May 31, 2002
Prep/Method: 3520C/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/L	1.8	10	Jun 2, 2002
1,2-DICHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,3-DICHLOROBENZENE	1	ND	UG/L	2.5	10	Jun 2, 2002
1,4-DICHLOROBENZENE	1	ND	UG/L	2.2	10	Jun 2, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/L	1.8	50	Jun 2, 2002
1-NAPHTHYLAMINE	1	ND	UG/L	3.3	10	Jun 2, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/L	2.2	50	Jun 2, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4-DICHLOROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2,4-DINITROPHENOL	1	ND	UG/L	16	50	Jun 2, 2002
2,6-DICHLOROPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/L	1.8	100	Jun 2, 2002
2-CHLORONAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
2-CHLOROPHENOL	1	ND	UG/L	1.5	10	Jun 2, 2002
2-METHYLNAPHTHALENE	1	ND	UG/L	1.9	10	Jun 2, 2002
2-METHYLPHENOL	1	ND	UG/L	1.6	10	Jun 2, 2002
2-NAPHTHYLAMINE	1	ND	UG/L	2.6	10	Jun 2, 2002
2-NITROANILINE	1	ND	UG/L	1.6	50	Jun 2, 2002
2-NITROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2-PICOLINE	1	ND	UG/L	1.2	20	Jun 2, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/L	16	50	Jun 2, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/L	10	20	Jun 2, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/L	4.8	20	Jun 2, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
3-NITROANILINE	1	ND	UG/L	6.7	50	Jun 2, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/L	15	50	Jun 2, 2002
4-AMINOBIPHENYL	1	ND	UG/L	1.6	50	Jun 2, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLOROANILINE	1	ND	UG/L	7.3	10	Jun 2, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/L	1.5	10	Jun 2, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/L	3.2	20	Jun 2, 2002
4-NITROANILINE	1	ND	UG/L	4.4	50	Jun 2, 2002
4-NITROPHENOL	1	ND	UG/L	7.1	50	Jun 2, 2002
4-NITROQUINOLINE-1-OXIDE	1	ND	UG/L	22	100	Jun 2, 2002
4-PHENYLENEDIAMINE	1	ND	UG/L	17	100	Jun 2, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/L	3.0	20	Jun 2, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/L	1.5	20	Jun 2, 2002
ACENAPHTHENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACENAPHTHYLENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACETOPHENONE	1	ND	UG/L	1.4	10	Jun 2, 2002
ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE	1	ND	UG/L	13	50	Jun 2, 2002
ANILINE	1	ND	UG/L	1.2	10	Jun 2, 2002
ANTHRACENE	1	ND	UG/L	1.2	10	Jun 2, 2002
ARAMITE	1	ND	UG/L	5.3	20	Jun 2, 2002
BENZO(A)ANTHRACENE	1	ND	UG/L	1.3	10	Jun 2, 2002
BENZO(A)PYRENE	1	ND	UG/L	1.9	10	Jun 2, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZO(GHI)PERYLENE	1	ND	UG/L	1.1	10	Jun 2, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZYL ALCOHOL	1	ND	UG/L	3.0	10	Jun 2, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/L	1.4	10	Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-2SW1
Sampling Point: 2SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12LN-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/L	1.8	10	Jun 2, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/L	1.9	10	Jun 2, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/L	1.9	10	Jun 2, 2002
CHLOROBENZILATE	1	ND	UG/L	2.1	10	Jun 2, 2002
CHRYSENE	1	ND	UG/L	1.5	10	Jun 2, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/L	2.1	10	Jun 2, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIALLATE	1	ND	UG/L	2.1	20	Jun 2, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/L	1.6	10	Jun 2, 2002
DIBENZOFURAN	1	ND	UG/L	1.3	10	Jun 2, 2002
DIETHYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIMETHOATE	1	ND	UG/L	1.8	20	Jun 2, 2002
DIMETHYL PHTHALATE	1	ND	UG/L	1.8	10	Jun 2, 2002
DIPHENYLAMINE	1	ND	UG/L	1.4	10	Jun 2, 2002
ETHYL METHANESULFONATE	1	ND	UG/L	2.7	10	Jun 2, 2002
FAMPHUR	1	ND	UG/L	24	200	Jun 2, 2002
FLUORANTHENE	1	ND	UG/L	2.0	10	Jun 2, 2002
FLUORENE	1	ND	UG/L	1.4	10	Jun 2, 2002
HEXACHLOROBENZENE	1	ND	UG/L	1.5	10	Jun 2, 2002
HEXACHLOROBUTADIENE	1	ND	UG/L	3.3	10	Jun 2, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/L	9.1	50	Jun 2, 2002
HEXACHLOROETHANE	1	ND	UG/L	3.0	10	Jun 2, 2002
HEXACHLOROPROPENE	1	ND	UG/L	1.5	100	Jun 2, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/L	1.3	10	Jun 2, 2002
ISODRIN	1	ND	UG/L	2.0	10	Jun 2, 2002
ISOPHORONE	1	ND	UG/L	1.6	10	Jun 2, 2002
ISOSAFROLE	1	ND	UG/L	1.9	20	Jun 2, 2002
METHAPYRILENE	1	ND	UG/L	18	50	Jun 2, 2002
METHYL METHANESULFONATE	1	ND	UG/L	6.0	10	Jun 2, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/L	1.6	10	Jun 2, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/L	1.7	10	Jun 2, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/L	5.3	10	Jun 2, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/L	3.0	10	Jun 2, 2002
N-NITROSOMORPHOLINE	1	ND	UG/L	3.9	10	Jun 2, 2002
N-NITROSOPIPERIDINE	1	ND	UG/L	1.9	10	Jun 2, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/L	2.4	10	Jun 2, 2002
NAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/L	2.4	50	Jun 2, 2002
O-TOLUIDINE	1	ND	UG/L	1.2	10	Jun 2, 2002
PARATHION	1	ND	UG/L	1.5	50	Jun 2, 2002
PENTACHLOROBENZENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PENTACHLOROETHANE	1	ND	UG/L	1.9	50	Jun 2, 2002
PENTACHLORONITROBENZENE	1	ND	UG/L	2.0	50	Jun 2, 2002
PENTACHLOROPHENOL	1	ND	UG/L	7.7	50	Jun 2, 2002
PHENACETIN	1	ND	UG/L	4.2	20	Jun 2, 2002
PHENANTHRENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
PHORATE	1	ND	UG/L	1.8	50	Jun 2, 2002
PRONAMIDE	1	ND	UG/L	1.4	20	Jun 2, 2002
PYRENE	1	ND	UG/L	1.7	10	Jun 2, 2002
PYRIDINE	1	ND	UG/L	12	20	Jun 2, 2002
SAFROLE	1	ND	UG/L	2.0	50	Jun 2, 2002
SULFOTEPP	1	ND	UG/L	2.1	50	Jun 2, 2002
THIONAZIN	1	ND	UG/L	2.2	10	Jun 2, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	74.0 RPR				Jun 2, 2002
2-FLUOROBIPHENYL	1	68.0 RPR				Jun 2, 2002
2-FLUOROPHENOL	1	73.0 RPR				Jun 2, 2002
NITROBENZENE-D5	1	72.0 RPR				Jun 2, 2002
PHENOL-D5	1	72.0 RPR				Jun 2, 2002
TERPHENYL-D14	1	73.0 RPR				Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-2SW1
Sampling Point: 2SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12LN-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: SW3535/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
1,3-DINITROBENZENE	1	ND	UG/L	0.023	0.12	Jun 4, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/L	0.021	0.12	Jun 4, 2002
2,4-DINITROTOLUENE	1	ND	UG/L	0.026	0.12	Jun 4, 2002
2,6-DINITROTOLUENE	1	ND	UG/L	0.022	0.12	Jun 4, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/L	0.036	0.12	Jun 4, 2002
2-NITROTOLUENE	1	ND	UG/L	0.026	0.12	Jun 4, 2002
3-NITROTOLUENE	1	ND	UG/L	0.027	0.12	Jun 4, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND	UG/L	0.020	0.12	Jun 4, 2002
4-NITROTOLUENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROGLYCERIN	1	ND	UG/L	0.030	0.12	Jun 4, 2002
PETN	1	ND	UG/L	0.051	0.12	Jun 4, 2002
TETRYL	1	ND UJ	UG/L	0.024	0.12	Jun 4, 2002
Surrogates:						
NITROBENZENE-D5	1	83.0 RPR				Jun 4, 2002

Comments:

8270C (BIS(2-ETHYLHEXYL) PHTHALATE): Detected in the method blank at 2.4 ug/L. PQL is 10 ug/L. Sample result was not corrected for the blank.

Qualifiers:

UJ The constituent was analyzed for, but was not detected. The result is an estimate and may be inaccurate or imprecise.

Prep/Method: SW3535/8321						
HMX	5	ND	UG/L	0.20	0.60	Jun 4, 2002
RDX	5	ND	UG/L	0.10	0.60	Jun 4, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-2SW1-DIS
Sampling Point: 2SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12LW-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3005/6010B - TRAC						
ANTIMONY-DISSOLVED	1	ND	UG/L	3.7	10.0	Jun 10, 2002
BARIUM-DISSOLVED	1	29.3	UG/L	1.8	10.0	Jun 10, 2002
BERYLLIUM-DISSOLVED	1	ND	UG/L	0.56	5.0	Jun 10, 2002
CADMIUM-DISSOLVED	1	ND	UG/L	0.30	5.0	Jun 10, 2002
CHROMIUM-DISSOLVED	1	3.9 B	UG/L	0.74	10.0	Jun 10, 2002
COBALT-DISSOLVED	1	1.4 B	UG/L	0.92	10.0	Jun 10, 2002
COPPER-DISSOLVED	1	7.8 B	UG/L	0.76	10.0	Jun 10, 2002
NICKEL-DISSOLVED	1	4.4 B	UG/L	1.7	40.0	Jun 10, 2002
SILVER-DISSOLVED	1	ND	UG/L	0.54	10.0	Jun 10, 2002
TIN-DISSOLVED	1	ND	UG/L	3.4	100	Jun 10, 2002
VANADIUM-DISSOLVED	1	5.9 B	UG/L	0.61	10.0	Jun 10, 2002
ZINC-DISSOLVED	1	21.2	UG/L	6.8	20.0	Jun 10, 2002
Prep/Method: 3005/6020						
ARSENIC-DISSOLVED	1	0.60 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD-DISSOLVED	1	4.7	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM-DISSOLVED	1	0.25 B	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM-DISSOLVED	1	0.044 B	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY-DISSOLVED	1	ND	UG/L	0.028	0.20	Jun 5, 2002

Qualifiers:

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-3SD1
Sampling Point: 3SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PJ-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 160.3 MOD/160.3 MOD						
PERCENT MOISTURE	1	57.4	%		0.10	May 31, 2002
Prep/Method: 3050B/6010B - TRAC						
ANTIMONY	1	ND	MG/KG	1.0	2.3	Jun 8, 2002
BARIUM	1	85.0	MG/KG	0.80	2.3	Jun 8, 2002
BERYLLIUM	1	0.60 B	MG/KG	0.20	1.2	Jun 8, 2002
CADMIUM	1	ND	MG/KG	0.084	1.2	Jun 8, 2002
CHROMIUM	1	23.5	MG/KG	0.17	2.3	Jun 8, 2002
COBALT	1	7.3	MG/KG	0.17	2.3	Jun 8, 2002
COPPER	1	20.0	MG/KG	0.45	4.7	Jun 8, 2002
NICKEL	1	15.3	MG/KG	0.42	9.4	Jun 8, 2002
SILVER	1	0.20 B	MG/KG	0.15	2.3	Jun 8, 2002
TIN	1	3.3 B J	MG/KG	0.73	23.4	Jun 8, 2002
VANADIUM	1	30.2	MG/KG	0.16	2.3	Jun 8, 2002
ZINC	1	54.0	MG/KG	1.2	4.7	Jun 8, 2002
Prep/Method: 3050B/6020						
ARSENIC	1	1.7	MG/KG	0.040	1.2	Jun 6, 2002
LEAD	1	33.7 J	MG/KG	0.0098	0.23	Jun 6, 2002
SELENIUM	1	0.74 B	MG/KG	0.11	1.2	Jun 6, 2002
THALLIUM	1	0.24	MG/KG	0.0023	0.23	Jun 6, 2002
Prep/Method: 7471A/7471A						
MERCURY	1	0.039 B	MG/KG	0.0059	0.077	Jun 4, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/KG	2.3	12	Jun 3, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/KG	2.3	12	Jun 3, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/KG	2.6	12	Jun 3, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/KG	3.5	12	Jun 3, 2002
1,1-DICHLOROETHANE	1	ND	UG/KG	2.3	12	Jun 3, 2002
1,1-DICHLOROETHENE	1	ND	UG/KG	2.6	12	Jun 3, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/KG	3.5	12	Jun 3, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/KG	3.3	23	Jun 3, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/KG	2.2	12	Jun 3, 2002
1,2-DICHLOROETHANE	1	ND	UG/KG	2.3	12	Jun 3, 2002
1,2-DICHLOROPROPANE	1	ND	UG/KG	2.8	12	Jun 3, 2002
1,4-DIOXANE	1	ND	UG/KG	190	1200	Jun 3, 2002
2-BUTANONE (MEK)	1	ND	UG/KG	11	47	Jun 3, 2002
2-HEXANONE	1	ND	UG/KG	11	47	Jun 3, 2002
4-METHYL-2-PENTANONE	1	ND	UG/KG	9.1	47	Jun 3, 2002
ACETONE	1	ND	UG/KG	11	47	Jun 3, 2002
ACETONITRILE	1	ND	UG/KG	56	230	Jun 3, 2002
ACROLEIN	1	ND	UG/KG	40	230	Jun 3, 2002
ACRYLONITRILE	1	ND	UG/KG	35	230	Jun 3, 2002
ALLYL CHLORIDE	1	ND	UG/KG	2.2	23	Jun 3, 2002
BENZENE	1	ND	UG/KG	2.1	12	Jun 3, 2002
BROMODICHLOROMETHANE	1	ND	UG/KG	2.2	12	Jun 3, 2002
BROMOFORM	1	ND	UG/KG	2.1	12	Jun 3, 2002
BROMOMETHANE	1	ND	UG/KG	2.8	23	Jun 3, 2002
CARBON DISULFIDE	1	2.8 J	UG/KG	2.2	12	Jun 3, 2002
CARBON TETRACHLORIDE	1	ND	UG/KG	2.8	12	Jun 3, 2002
CHLOROBENZENE	1	ND	UG/KG	1.8	12	Jun 3, 2002
CHLOROETHANE	1	ND	UG/KG	3.0	23	Jun 3, 2002
CHLOROFORM	1	ND	UG/KG	2.1	23	Jun 3, 2002
CHLOROMETHANE	1	ND	UG/KG	3.5	23	Jun 3, 2002
CHLOROPRENE	1	ND	UG/KG	2.1	12	Jun 3, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/KG	2.0	5.9	Jun 3, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/KG	2.3	12	Jun 3, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/KG	2.1	12	Jun 3, 2002
DIBROMOMETHANE	1	ND	UG/KG	3.0	12	Jun 3, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/KG	3.8	23	Jun 3, 2002
ETHYL METHACRYLATE	1	ND	UG/KG	2.1	12	Jun 3, 2002
ETHYLBENZENE	1	ND	UG/KG	2.8	12	Jun 3, 2002
IODOMETHANE	1	ND	UG/KG	1.9	12	Jun 3, 2002
ISOBUTYL ALCOHOL	1	ND	UG/KG	98	470	Jun 3, 2002
METHACRYLONITRILE	1	ND	UG/KG	33	120	Jun 3, 2002
METHYL METHACRYLATE	1	ND	UG/KG	3.3	12	Jun 3, 2002
METHYLENE CHLORIDE	1	3.0 J B	UG/KG	1.9	12	Jun 3, 2002
PROPIONITRILE	1	ND	UG/KG	40	120	Jun 3, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-3SD1
Sampling Point: 3SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PJ-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
STYRENE	1	ND	UG/KG	1.5	12	Jun 3, 2002
TETRACHLOROETHENE	1	ND	UG/KG	2.3	12	Jun 3, 2002
TOLUENE	1	ND	UG/KG	1.8	12	Jun 3, 2002
TRANS-1,2-DICHLOROETHENE	1	ND	UG/KG	1.9	5.9	Jun 3, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/KG	2.3	12	Jun 3, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/KG	2.6	12	Jun 3, 2002
TRICHLOROETHENE	1	ND	UG/KG	2.0	12	Jun 3, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/KG	1.2	23	Jun 3, 2002
VINYL ACETATE	1	ND	UG/KG	5.6	23	Jun 3, 2002
VINYL CHLORIDE	1	ND	UG/KG	2.6	12	Jun 3, 2002
XYLENES (TOTAL)	1	ND	UG/KG	6.6	12	Jun 3, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	110.0 RPR				Jun 3, 2002
4-BROMOFLUOROBENZENE	1	86.0 RPR				Jun 3, 2002
DIBROMOFLUOROMETHANE	1	110.0 RPR				Jun 3, 2002
TOLUENE-D8	1	114.0 RPR				Jun 3, 2002
Prep/Method: 3550/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/KG	80	770	Jun 4, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/KG	150	770	Jun 4, 2002
1,2-DICHLOROBENZENE	1	ND	UG/KG	150	770	Jun 4, 2002
1,3-DICHLOROBENZENE	1	ND	UG/KG	170	770	Jun 4, 2002
1,4-DICHLOROBENZENE	1	ND	UG/KG	130	770	Jun 4, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/KG	77	3800	Jun 4, 2002
1-NAPHTHYLAMINE	1	ND	UG/KG	200	770	Jun 4, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/KG	960	3800	Jun 4, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/KG	180	770	Jun 4, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/KG	120	770	Jun 4, 2002
2,4-DICHLOROPHENOL	1	ND	UG/KG	210	770	Jun 4, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/KG	220	770	Jun 4, 2002
2,4-DINITROPHENOL	1	ND	UG/KG	1200	3800	Jun 4, 2002
2,6-DICHLOROPHENOL	1	ND	UG/KG	120	770	Jun 4, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/KG	77	7700	Jun 4, 2002
2-CHLORONAPHTHALENE	1	ND	UG/KG	89	770	Jun 4, 2002
2-CHLOROPHENOL	1	ND	UG/KG	170	770	Jun 4, 2002
2-METHYLNAPHTHALENE	1	ND	UG/KG	140	770	Jun 4, 2002
2-METHYLPHENOL	1	ND	UG/KG	180	770	Jun 4, 2002
2-NAPHTHYLAMINE	1	ND	UG/KG	180	770	Jun 4, 2002
2-NITROANILINE	1	ND	UG/KG	190	3800	Jun 4, 2002
2-NITROPHENOL	1	ND	UG/KG	280	770	Jun 4, 2002
2-PICOLINE	1	ND	UG/KG	110	1500	Jun 4, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/KG	160	3800	Jun 4, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/KG	940	1500	Jun 4, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/KG	91	1500	Jun 4, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/KG	170	770	Jun 4, 2002
3-NITROANILINE	1	ND	UG/KG	200	3800	Jun 4, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/KG	980	3800	Jun 4, 2002
4-AMINOBIPHENYL	1	ND	UG/KG	770	3800	Jun 4, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/KG	170	770	Jun 4, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/KG	220	770	Jun 4, 2002
4-CHLOROANILINE	1	ND	UG/KG	110	770	Jun 4, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/KG	170	770	Jun 4, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/KG	130	1500	Jun 4, 2002
4-NITROANILINE	1	ND	UG/KG	150	3800	Jun 4, 2002
4-NITROPHENOL	1	ND	UG/KG	220	3800	Jun 4, 2002
4-PHENYLENEDIAMINE	1	ND	UG/KG	2000	3800	Jun 4, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/KG	140	1500	Jun 4, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/KG	120	1500	Jun 4, 2002
A,A-DIMETHYLPHENETHYLAMINE	1	ND	UG/KG	770	3800	Jun 4, 2002
ACENAPHTHENE	1	ND	UG/KG	110	770	Jun 4, 2002
ACENAPHTHYLENE	1	ND	UG/KG	80	770	Jun 4, 2002
ACETOPHENONE	1	ND	UG/KG	80	770	Jun 4, 2002
ANILINE	1	ND	UG/KG	130	770	Jun 4, 2002
ANTHRACENE	1	ND	UG/KG	180	770	Jun 4, 2002
ARAMITE	1	ND	UG/KG	100	1500	Jun 4, 2002
BENZO(A)ANTHRACENE	1	ND	UG/KG	91	770	Jun 4, 2002
BENZO(A)PYRENE	1	ND	UG/KG	220	770	Jun 4, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/KG	230	770	Jun 4, 2002
BENZO(GHI)PERYLENE	1	ND	UG/KG	160	770	Jun 4, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/KG	220	770	Jun 4, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-3SD1
Sampling Point: 3SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PJ-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BENZYL ALCOHOL	1	ND	UG/KG	180	770	Jun 4, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/KG	170	770	Jun 4, 2002
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/KG	110	770	Jun 4, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/KG	160	770	Jun 4, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/KG	160	770	Jun 4, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/KG	80	770	Jun 4, 2002
CHLOROBENZILATE	1	ND	UG/KG	110	770	Jun 4, 2002
CHRYSENE	1	ND	UG/KG	120	770	Jun 4, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/KG	180	770	Jun 4, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/KG	84	770	Jun 4, 2002
DIALLATE	1	ND	UG/KG	120	1500	Jun 4, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/KG	110	770	Jun 4, 2002
DIBENZOFURAN	1	ND	UG/KG	190	770	Jun 4, 2002
DIETHYL PHTHALATE	1	ND	UG/KG	120	1500	Jun 4, 2002
DIMETHOATE	1	ND	UG/KG	110	1500	Jun 4, 2002
DIMETHYL PHTHALATE	1	ND	UG/KG	200	770	Jun 4, 2002
DIPHENYLAMINE	1	ND	UG/KG	120	770	Jun 4, 2002
ETHYL METHANESULFONATE	1	ND	UG/KG	100	770	Jun 4, 2002
FAMPHUR	1	ND	UG/KG	230	1500	Jun 4, 2002
FLUORANTHENE	1	ND	UG/KG	200	770	Jun 4, 2002
FLUORENE	1	ND	UG/KG	180	770	Jun 4, 2002
HEXACHLOROBENZENE	1	ND	UG/KG	180	770	Jun 4, 2002
HEXACHLOROBUTADIENE	1	ND	UG/KG	230	770	Jun 4, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/KG	77	3800	Jun 4, 2002
HEXACHLOROETHANE	1	ND	UG/KG	120	770	Jun 4, 2002
HEXACHLOROPROPENE	1	ND	UG/KG	100	7700	Jun 4, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/KG	110	770	Jun 4, 2002
ISODRIN	1	ND	UG/KG	94	770	Jun 4, 2002
ISOPHORONE	1	ND	UG/KG	160	770	Jun 4, 2002
ISOSAFROLE	1	ND	UG/KG	87	1500	Jun 4, 2002
METHAPYRILENE	1	ND	UG/KG	96	3800	Jun 4, 2002
METHYL METHANESULFONATE	1	ND	UG/KG	120	770	Jun 4, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/KG	130	770	Jun 4, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/KG	210	770	Jun 4, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/KG	110	770	Jun 4, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/KG	140	770	Jun 4, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/KG	170	770	Jun 4, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/KG	94	770	Jun 4, 2002
N-NITROSOMORPHOLINE	1	ND	UG/KG	120	770	Jun 4, 2002
N-NITROSOPIPERIDINE	1	ND	UG/KG	160	770	Jun 4, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/KG	100	770	Jun 4, 2002
NAPHTHALENE	1	ND	UG/KG	160	770	Jun 4, 2002
NITROQUINOLINE-1-OXIDE	1	ND	UG/KG	1700	7700	Jun 4, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/KG	120	3800	Jun 4, 2002
O-TOLUIDINE	1	ND	UG/KG	230	1500	Jun 4, 2002
PARATHION	1	ND	UG/KG	110	3800	Jun 4, 2002
PENTACHLOROBENZENE	1	ND	UG/KG	94	770	Jun 4, 2002
PENTACHLOROETHANE	1	ND	UG/KG	120	3800	Jun 4, 2002
PENTACHLORONITROBENZENE	1	ND	UG/KG	130	3800	Jun 4, 2002
PENTACHLOROPHENOL	1	ND	UG/KG	870	3800	Jun 4, 2002
PHENACETIN	1	ND	UG/KG	110	1500	Jun 4, 2002
PHENANTHRENE	1	ND	UG/KG	87	770	Jun 4, 2002
PHENOL	1	ND	UG/KG	170	770	Jun 4, 2002
PHORATE	1	ND	UG/KG	96	3800	Jun 4, 2002
PRONAMIDE	1	ND	UG/KG	120	1500	Jun 4, 2002
PYRENE	1	ND	UG/KG	94	770	Jun 4, 2002
PYRIDINE	1	ND	UG/KG	940	1500	Jun 4, 2002
SAFROLE	1	ND	UG/KG	110	3800	Jun 4, 2002
SULFOTEPP	1	ND	UG/KG	110	2300	Jun 4, 2002
THIONAZIN	1	ND	UG/KG	150	3800	Jun 4, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	64.0 RPR	Jun 4, 2002
2-FLUOROBIPHENYL	1	62.0 RPR	Jun 4, 2002
2-FLUOROPHENOL	1	60.0 RPR	Jun 4, 2002
NITROBENZENE-D5	1	67.0 RPR	Jun 4, 2002
PHENOL-D5	1	60.0 RPR	Jun 4, 2002
TERPHENYL-D14	1	63.0 RPR	Jun 4, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-3SD1
Sampling Point: 3SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PJ-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3550/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/KG	22	280	Jun 5, 2002
1,3-DINITROBENZENE	1	ND	UG/KG	28	280	Jun 5, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/KG	18	280	Jun 5, 2002
2,4-DINITROTOLUENE	1	ND	UG/KG	19	280	Jun 5, 2002
2,6-DINITROTOLUENE	1	ND	UG/KG	22	280	Jun 5, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/KG	63	280	Jun 5, 2002
2-NITROTOLUENE	1	ND	UG/KG	35	280	Jun 5, 2002
3-NITROTOLUENE	1	ND	UG/KG	26	280	Jun 5, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND	UG/KG	17	280	Jun 5, 2002
4-NITROTOLUENE	1	ND	UG/KG	63	280	Jun 5, 2002
HMX	1	ND	UG/KG	19	280	Jun 5, 2002
NITROBENZENE	1	ND	UG/KG	52	280	Jun 5, 2002
NITROGLYCERIN	1	ND	UG/KG	400	1200	Jun 5, 2002
PETN	1	ND	UG/KG	330	1200	Jun 5, 2002
RDX	1	ND	UG/KG	18	280	Jun 5, 2002
TETRYL	1	ND	UG/KG	52	280	Jun 5, 2002
Surrogates:						
NITROBENZENE-D5	1	86.0 RPR				Jun 5, 2002

Comments:

6010B - TRAC (TIN): Detected in the method blank at 1.9 mg/kg. PQL is 10.0 mg/kg. Sample result was not corrected for the blank.
6020 (LEAD): Detected in the method blank at 0.0093 mg/kg. PQL is 0.10 mg/kg. Sample result was not corrected for the blank.
8260B (METHYLENE CHLORIDE): Detected in the method blank at 1.2 ug/kg. PQL is 5.0 ug/kg. Sample result was not corrected for the blank.
ALL RESULTS AND LIMITS ARE REPORTED ON A DRY WEIGHT BASIS

Qualifiers:

J The result is between MDL and PQL and should be considered an estimate.

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-3SW1
Sampling Point: 3SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12LX-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3010A/6010B - TRAC						
ANTIMONY	1	ND	UG/L	3.7	10.0	Jun 4, 2002
BARIUM	1	24.2	UG/L	1.8	10.0	Jun 4, 2002
BERYLLIUM	1	ND	UG/L	0.56	5.0	Jun 4, 2002
CADMIUM	1	ND	UG/L	0.30	5.0	Jun 4, 2002
CHROMIUM	1	1.8 B	UG/L	0.74	10.0	Jun 4, 2002
COBALT	1	ND	UG/L	0.92	10.0	Jun 4, 2002
COPPER	1	2.0 B	UG/L	0.76	10.0	Jun 4, 2002
NICKEL	1	ND	UG/L	1.7	40.0	Jun 4, 2002
SILVER	1	ND	UG/L	0.54	10.0	Jun 4, 2002
TIN	1	ND	UG/L	3.4	100	Jun 4, 2002
VANADIUM	1	2.9 B	UG/L	0.61	10.0	Jun 4, 2002
ZINC	1	14.5 B	UG/L	6.8	20.0	Jun 4, 2002
Prep/Method: 3010/6020						
ARSENIC	1	0.39 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD	1	1.1	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM	1	ND	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM	1	ND	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY	1	ND	UG/L	0.028	0.20	Jun 5, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/L	0.28	1.0	May 31, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/L	0.32	1.0	May 31, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/L	0.50	1.0	May 31, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/L	0.41	1.0	May 31, 2002
1,1-DICHLOROETHANE	1	ND	UG/L	0.29	1.0	May 31, 2002
1,1-DICHLOROETHENE	1	ND	UG/L	0.31	1.0	May 31, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/L	0.76	1.0	May 31, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/L	0.49	2.0	May 31, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/L	0.46	1.0	May 31, 2002
1,2-DICHLOROETHANE	1	ND	UG/L	0.43	1.0	May 31, 2002
1,2-DICHLOROPROPANE	1	ND	UG/L	0.38	1.0	May 31, 2002
1,4-DIOXANE	1	ND	UG/L	36	200	May 31, 2002
2-BUTANONE (MEK)	1	ND	UG/L	2.4	5.0	May 31, 2002
2-HEXANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
4-METHYL-2-PENTANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
ACETONE	1	3.3 J	UG/L	2.9	10	May 31, 2002
ACETONITRILE	1	ND	UG/L	15	20	May 31, 2002
ACROLEIN	1	ND	UG/L	4.7	20	May 31, 2002
ACRYLONITRILE	1	ND	UG/L	4.9	20	May 31, 2002
ALLYL CHLORIDE	1	ND	UG/L	0.64	2.0	May 31, 2002
BENZENE	1	ND	UG/L	0.27	1.0	May 31, 2002
BROMODICHLOROMETHANE	1	ND	UG/L	0.35	1.0	May 31, 2002
BROMOFORM	1	ND	UG/L	0.46	1.0	May 31, 2002
BROMOMETHANE	1	ND	UG/L	0.28	2.0	May 31, 2002
CARBON DISULFIDE	1	ND	UG/L	0.67	1.0	May 31, 2002
CARBON TETRACHLORIDE	1	ND	UG/L	0.35	1.0	May 31, 2002
CHLOROBENZENE	1	ND	UG/L	0.24	1.0	May 31, 2002
CHLOROETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROFORM	1	ND	UG/L	0.29	1.0	May 31, 2002
CHLOROMETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROPRENE	1	ND	UG/L	0.35	1.0	May 31, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/L	0.33	1.0	May 31, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.31	1.0	May 31, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/L	0.37	1.0	May 31, 2002
DIBROMOMETHANE	1	ND	UG/L	0.40	1.0	May 31, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/L	0.44	2.0	May 31, 2002
ETHYL METHACRYLATE	1	ND	UG/L	0.79	1.0	May 31, 2002
ETHYLBENZENE	1	ND	UG/L	0.51	1.0	May 31, 2002
IODOMETHANE	1	ND	UG/L	0.42	1.0	May 31, 2002
ISOBUTYL ALCOHOL	1	ND	UG/L	26	50	May 31, 2002
METHACRYLONITRILE	1	ND	UG/L	4.7	10	May 31, 2002
METHYL METHACRYLATE	1	ND	UG/L	0.81	1.0	May 31, 2002
METHYLENE CHLORIDE	1	ND	UG/L	0.86	1.0	May 31, 2002
PROPIONITRILE	1	ND	UG/L	8.2	10	May 31, 2002
STYRENE	1	ND	UG/L	0.28	1.0	May 31, 2002
TETRACHLOROETHENE	1	ND	UG/L	0.27	1.0	May 31, 2002
TOLUENE	1	ND	UG/L	0.26	1.0	May 31, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-3SW1
Sampling Point: 3SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12LX-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
TRANS-1,2-DICHLOROETHENE	1	ND	UG/L	0.25	0.50	May 31, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.36	1.0	May 31, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/L	0.70	1.0	May 31, 2002
TRICHLOROETHENE	1	ND	UG/L	0.24	1.0	May 31, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/L	0.43	2.0	May 31, 2002
VINYL ACETATE	1	ND	UG/L	0.91	2.0	May 31, 2002
VINYL CHLORIDE	1	ND	UG/L	0.26	1.0	May 31, 2002
XYLENES (TOTAL)	1	ND	UG/L	0.73	2.0	May 31, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	96.0 RPR				May 31, 2002
4-BROMOFLUOROBENZENE	1	100.0 RPR				May 31, 2002
DIBROMOFLUOROMETHANE	1	97.0 RPR				May 31, 2002
TOLUENE-D8	1	105.0 RPR				May 31, 2002
Prep/Method: 3520C/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/L	1.8	10	Jun 2, 2002
1,2-DICHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,3-DICHLOROBENZENE	1	ND	UG/L	2.5	10	Jun 2, 2002
1,4-DICHLOROBENZENE	1	ND	UG/L	2.2	10	Jun 2, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/L	1.8	50	Jun 2, 2002
1-NAPHTHYLAMINE	1	ND	UG/L	3.3	10	Jun 2, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/L	2.2	50	Jun 2, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4-DICHLOROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2,4-DINITROPHENOL	1	ND	UG/L	16	50	Jun 2, 2002
2,6-DICHLOROPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/L	1.8	100	Jun 2, 2002
2-CHLORONAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
2-CHLOROPHENOL	1	ND	UG/L	1.5	10	Jun 2, 2002
2-METHYLNAPHTHALENE	1	ND	UG/L	1.9	10	Jun 2, 2002
2-METHYLPHENOL	1	ND	UG/L	1.6	10	Jun 2, 2002
2-NAPHTHYLAMINE	1	ND	UG/L	2.6	10	Jun 2, 2002
2-NITROANILINE	1	ND	UG/L	1.6	50	Jun 2, 2002
2-NITROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2-PICOLINE	1	ND	UG/L	1.2	20	Jun 2, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/L	16	50	Jun 2, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/L	10	20	Jun 2, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/L	4.8	20	Jun 2, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
3-NITROANILINE	1	ND	UG/L	6.7	50	Jun 2, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/L	15	50	Jun 2, 2002
4-AMINOBIPHENYL	1	ND	UG/L	1.6	50	Jun 2, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLOROANILINE	1	ND	UG/L	7.3	10	Jun 2, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/L	1.5	10	Jun 2, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/L	3.2	20	Jun 2, 2002
4-NITROANILINE	1	ND	UG/L	4.4	50	Jun 2, 2002
4-NITROPHENOL	1	ND	UG/L	7.1	50	Jun 2, 2002
4-NITROQUINOLINE-1-OXIDE	1	ND	UG/L	22	100	Jun 2, 2002
4-PHENYLENEDIAMINE	1	ND	UG/L	17	100	Jun 2, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/L	3.0	20	Jun 2, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/L	1.5	20	Jun 2, 2002
ACENAPHTHENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACENAPHTHYLENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACETOPHENONE	1	ND	UG/L	1.4	10	Jun 2, 2002
ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE	1	ND	UG/L	13	50	Jun 2, 2002
ANILINE	1	ND	UG/L	1.2	10	Jun 2, 2002
ANTHRACENE	1	ND	UG/L	1.2	10	Jun 2, 2002
ARAMITE	1	ND	UG/L	5.3	20	Jun 2, 2002
BENZO(A)ANTHRACENE	1	ND	UG/L	1.3	10	Jun 2, 2002
BENZO(A)PYRENE	1	ND	UG/L	1.9	10	Jun 2, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZO(GHI)PERYLENE	1	ND	UG/L	1.1	10	Jun 2, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZYL ALCOHOL	1	ND	UG/L	3.0	10	Jun 2, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/L	1.4	10	Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-3SW1
Sampling Point: 3SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12LX-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/L	1.8	10	Jun 2, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/L	1.9	10	Jun 2, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/L	1.9	10	Jun 2, 2002
CHLOROBENZILATE	1	ND	UG/L	2.1	10	Jun 2, 2002
CHRYSENE	1	ND	UG/L	1.5	10	Jun 2, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/L	2.1	10	Jun 2, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIALLATE	1	ND	UG/L	2.1	20	Jun 2, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/L	1.6	10	Jun 2, 2002
DIBENZOFURAN	1	ND	UG/L	1.3	10	Jun 2, 2002
DIETHYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIMETHOATE	1	ND	UG/L	1.8	20	Jun 2, 2002
DIMETHYL PHTHALATE	1	ND	UG/L	1.8	10	Jun 2, 2002
DIPHENYLAMINE	1	ND	UG/L	1.4	10	Jun 2, 2002
ETHYL METHANESULFONATE	1	ND	UG/L	2.7	10	Jun 2, 2002
FAMPHUR	1	ND	UG/L	24	200	Jun 2, 2002
FLUORANTHENE	1	ND	UG/L	2.0	10	Jun 2, 2002
FLUORENE	1	ND	UG/L	1.4	10	Jun 2, 2002
HEXACHLOROBENZENE	1	ND	UG/L	1.5	10	Jun 2, 2002
HEXACHLOROBUTADIENE	1	ND	UG/L	3.3	10	Jun 2, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/L	9.1	50	Jun 2, 2002
HEXACHLOROETHANE	1	ND	UG/L	3.0	10	Jun 2, 2002
HEXACHLOROPROPENE	1	ND	UG/L	1.5	100	Jun 2, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/L	1.3	10	Jun 2, 2002
ISODRIN	1	ND	UG/L	2.0	10	Jun 2, 2002
ISOPHORONE	1	ND	UG/L	1.6	10	Jun 2, 2002
ISOSAFROLE	1	ND	UG/L	1.9	20	Jun 2, 2002
METHAPYRILENE	1	ND	UG/L	18	50	Jun 2, 2002
METHYL METHANESULFONATE	1	ND	UG/L	6.0	10	Jun 2, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/L	1.6	10	Jun 2, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/L	1.7	10	Jun 2, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/L	5.3	10	Jun 2, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/L	3.0	10	Jun 2, 2002
N-NITROSOMORPHOLINE	1	ND	UG/L	3.9	10	Jun 2, 2002
N-NITROSOPIPERIDINE	1	ND	UG/L	1.9	10	Jun 2, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/L	2.4	10	Jun 2, 2002
NAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/L	2.4	50	Jun 2, 2002
O-TOLUIDINE	1	ND	UG/L	1.2	10	Jun 2, 2002
PARATHION	1	ND	UG/L	1.5	50	Jun 2, 2002
PENTACHLOROBENZENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PENTACHLOROETHANE	1	ND	UG/L	1.9	50	Jun 2, 2002
PENTACHLORONITROBENZENE	1	ND	UG/L	2.0	50	Jun 2, 2002
PENTACHLOROPHENOL	1	ND	UG/L	7.7	50	Jun 2, 2002
PHENACETIN	1	ND	UG/L	4.2	20	Jun 2, 2002
PHENANTHRENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
PHORATE	1	ND	UG/L	1.8	50	Jun 2, 2002
PRONAMIDE	1	ND	UG/L	1.4	20	Jun 2, 2002
PYRENE	1	ND	UG/L	1.7	10	Jun 2, 2002
PYRIDINE	1	ND	UG/L	12	20	Jun 2, 2002
SAFROLE	1	ND	UG/L	2.0	50	Jun 2, 2002
SULFOTEPP	1	ND	UG/L	2.1	50	Jun 2, 2002
THIONAZIN	1	ND	UG/L	2.2	10	Jun 2, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	82.0 RPR				Jun 2, 2002
2-FLUOROBIPHENYL	1	69.0 RPR				Jun 2, 2002
2-FLUOROPHENOL	1	71.0 RPR				Jun 2, 2002
NITROBENZENE-D5	1	74.0 RPR				Jun 2, 2002
PHENOL-D5	1	69.0 RPR				Jun 2, 2002
TERPHENYL-D14	1	58.0 RPR				Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-3SW1
Sampling Point: 3SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12LX-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: SW3535/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
1,3-DINITROBENZENE	1	ND	UG/L	0.023	0.12	Jun 4, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/L	0.021	0.12	Jun 4, 2002
2,4-DINITROTOLUENE	1	ND	UG/L	0.026	0.12	Jun 4, 2002
2,6-DINITROTOLUENE	1	ND	UG/L	0.022	0.12	Jun 4, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/L	0.036	0.12	Jun 4, 2002
2-NITROTOLUENE	1	ND	UG/L	0.026	0.12	Jun 4, 2002
3-NITROTOLUENE	1	ND	UG/L	0.027	0.12	Jun 4, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND	UG/L	0.020	0.12	Jun 4, 2002
4-NITROTOLUENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROGLYCERIN	1	ND	UG/L	0.030	0.12	Jun 4, 2002
PETN	1	ND	UG/L	0.051	0.12	Jun 4, 2002
TETRYL	1	ND UJ	UG/L	0.024	0.12	Jun 4, 2002
Surrogates:						
NITROBENZENE-D5	1	84.0 RPR				Jun 4, 2002

Comments:

8270C (BIS(2-ETHYLHEXYL) PHTHALATE): Detected in the method blank at 2.4 ug/L. PQL is 10 ug/L. Sample result was not corrected for the blank.

Qualifiers:

UJ The constituent was analyzed for, but was not detected. The result is an estimate and may be inaccurate or imprecise.
J The result is between MDL and PQL and should be considered an estimate.

Prep/Method: SW3535/8321						
HMX	5	ND	UG/L	0.20	0.60	Jun 4, 2002
RDX	5	ND	UG/L	0.10	0.60	Jun 4, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-3SW1-DIS
Sampling Point: 3SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12L0-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3005/6010B - TRAC						
ANTIMONY-DISSOLVED	1	ND	UG/L	3.7	10.0	Jun 10, 2002
BARIUM-DISSOLVED	1	17.0	UG/L	1.8	10.0	Jun 10, 2002
BERYLLIUM-DISSOLVED	1	ND	UG/L	0.56	5.0	Jun 10, 2002
CADMIUM-DISSOLVED	1	ND	UG/L	0.30	5.0	Jun 10, 2002
CHROMIUM-DISSOLVED	1	ND	UG/L	0.74	10.0	Jun 10, 2002
COBALT-DISSOLVED	1	ND	UG/L	0.92	10.0	Jun 10, 2002
COPPER-DISSOLVED	1	2.9 B	UG/L	0.76	10.0	Jun 10, 2002
NICKEL-DISSOLVED	1	2.3 B	UG/L	1.7	40.0	Jun 10, 2002
SILVER-DISSOLVED	1	ND	UG/L	0.54	10.0	Jun 10, 2002
TIN-DISSOLVED	1	ND	UG/L	3.4	100	Jun 10, 2002
VANADIUM-DISSOLVED	1	1.3 B	UG/L	0.61	10.0	Jun 10, 2002
ZINC-DISSOLVED	1	14.4 B	UG/L	6.8	20.0	Jun 10, 2002
Prep/Method: 3005/6020						
ARSENIC-DISSOLVED	1	0.44 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD-DISSOLVED	1	0.95 B	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM-DISSOLVED	1	ND	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM-DISSOLVED	1	ND	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY-DISSOLVED	1	ND	UG/L	0.028	0.20	Jun 5, 2002

Qualifiers:

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-4SD1
Sampling Point: 4SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PM-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 160.3 MOD/160.3 MOD						
PERCENT MOISTURE	1	48.5	%		0.10	May 31, 2002
Prep/Method: 3050B/6010B - TRAC						
ANTIMONY	1	ND	MG/KG	0.86	1.9	Jun 8, 2002
BARIUM	1	73.9	MG/KG	0.66	1.9	Jun 8, 2002
BERYLLIUM	1	0.24 B	MG/KG	0.17	0.97	Jun 8, 2002
CADMIUM	1	ND	MG/KG	0.070	0.97	Jun 8, 2002
CHROMIUM	1	11.0	MG/KG	0.14	1.9	Jun 8, 2002
COBALT	1	6.8	MG/KG	0.14	1.9	Jun 8, 2002
COPPER	1	40.7	MG/KG	0.37	3.9	Jun 8, 2002
NICKEL	1	13.5	MG/KG	0.35	7.8	Jun 8, 2002
SILVER	1	0.26 B	MG/KG	0.12	1.9	Jun 8, 2002
TIN	1	1.3 B J	MG/KG	0.60	19.4	Jun 8, 2002
VANADIUM	1	23.9	MG/KG	0.13	1.9	Jun 8, 2002
ZINC	1	110	MG/KG	1.0	3.9	Jun 8, 2002
Prep/Method: 3050B/6020						
ARSENIC	1	1.4	MG/KG	0.033	0.97	Jun 6, 2002
LEAD	1	37.6 J	MG/KG	0.0082	0.19	Jun 6, 2002
SELENIUM	1	0.44 B	MG/KG	0.095	0.97	Jun 6, 2002
THALLIUM	1	0.050 B	MG/KG	0.0019	0.19	Jun 6, 2002
Prep/Method: 7471A/7471A						
MERCURY	1	ND	MG/KG	0.0049	0.064	Jun 4, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/KG	1.9	9.7	Jun 3, 2002
1,1,1-TRICHLOROETHANE	1	3.2 J	UG/KG	1.9	9.7	Jun 3, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/KG	2.1	9.7	Jun 3, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/KG	2.9	9.7	Jun 3, 2002
1,1-DICHLOROETHANE	1	ND	UG/KG	1.9	9.7	Jun 3, 2002
1,1-DICHLOROETHENE	1	ND	UG/KG	2.1	9.7	Jun 3, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/KG	2.9	9.7	Jun 3, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/KG	2.7	19	Jun 3, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/KG	1.8	9.7	Jun 3, 2002
1,2-DICHLOROETHANE	1	16	UG/KG	1.9	9.7	Jun 3, 2002
1,2-DICHLOROPROPANE	1	ND	UG/KG	2.3	9.7	Jun 3, 2002
1,4-DIOXANE	1	ND	UG/KG	150	970	Jun 3, 2002
2-BUTANONE (MEK)	1	ND	UG/KG	9.1	39	Jun 3, 2002
2-HEXANONE	1	ND	UG/KG	8.9	39	Jun 3, 2002
4-METHYL-2-PENTANONE	1	ND	UG/KG	7.6	39	Jun 3, 2002
ACETONE	1	14 J	UG/KG	8.9	39	Jun 3, 2002
ACETONITRILE	1	ND	UG/KG	47	190	Jun 3, 2002
ACROLEIN	1	ND	UG/KG	33	190	Jun 3, 2002
ACRYLONITRILE	1	ND	UG/KG	29	190	Jun 3, 2002
ALLYL CHLORIDE	1	ND	UG/KG	1.8	19	Jun 3, 2002
BENZENE	1	ND	UG/KG	1.7	9.7	Jun 3, 2002
BROMODICHLOROMETHANE	1	ND	UG/KG	1.8	9.7	Jun 3, 2002
BROMOFORM	1	ND	UG/KG	1.8	9.7	Jun 3, 2002
BROMOMETHANE	1	ND	UG/KG	2.3	19	Jun 3, 2002
CARBON DISULFIDE	1	ND	UG/KG	1.8	9.7	Jun 3, 2002
CARBON TETRACHLORIDE	1	ND	UG/KG	2.3	9.7	Jun 3, 2002
CHLOROBENZENE	1	ND	UG/KG	1.5	9.7	Jun 3, 2002
CHLOROETHANE	1	ND	UG/KG	2.5	19	Jun 3, 2002
CHLOROFORM	1	ND	UG/KG	1.7	19	Jun 3, 2002
CHLOROMETHANE	1	ND	UG/KG	2.9	19	Jun 3, 2002
CHLOROPRENE	1	ND	UG/KG	1.7	9.7	Jun 3, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/KG	1.6	4.9	Jun 3, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/KG	1.9	9.7	Jun 3, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/KG	1.7	9.7	Jun 3, 2002
DIBROMOMETHANE	1	ND	UG/KG	2.5	9.7	Jun 3, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/KG	3.1	19	Jun 3, 2002
ETHYL METHACRYLATE	1	ND	UG/KG	1.8	9.7	Jun 3, 2002
ETHYLBENZENE	1	ND	UG/KG	2.3	9.7	Jun 3, 2002
IODOMETHANE	1	ND	UG/KG	1.6	9.7	Jun 3, 2002
ISOBUTYL ALCOHOL	1	ND	UG/KG	82	390	Jun 3, 2002
METHACRYLONITRILE	1	ND	UG/KG	27	97	Jun 3, 2002
METHYL METHACRYLATE	1	ND	UG/KG	2.7	9.7	Jun 3, 2002
METHYLENE CHLORIDE	1	3.6 J B	UG/KG	1.6	9.7	Jun 3, 2002
PROPIONITRILE	1	ND	UG/KG	33	97	Jun 3, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-4SD1
Sampling Point: 4SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PM-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
STYRENE	1	ND	UG/KG	1.3	9.7	Jun 3, 2002
TETRACHLOROETHENE	1	ND	UG/KG	1.9	9.7	Jun 3, 2002
TOLUENE	1	40	UG/KG	1.5	9.7	Jun 3, 2002
TRANS-1,2-DICHLOROETHENE	1	ND	UG/KG	1.5	4.9	Jun 3, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/KG	1.9	9.7	Jun 3, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/KG	2.1	9.7	Jun 3, 2002
TRICHLOROETHENE	1	ND	UG/KG	1.7	9.7	Jun 3, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/KG	0.99	19	Jun 3, 2002
VINYL ACETATE	1	ND	UG/KG	4.7	19	Jun 3, 2002
VINYL CHLORIDE	1	ND	UG/KG	2.1	9.7	Jun 3, 2002
XYLENES (TOTAL)	1	ND	UG/KG	5.4	9.7	Jun 3, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	98.0 RPR				Jun 3, 2002
4-BROMOFLUOROBENZENE	1	78.0 RPR				Jun 3, 2002
DIBROMOFLUOROMETHANE	1	98.0 RPR				Jun 3, 2002
TOLUENE-D8	1	101.0 RPR				Jun 3, 2002
Prep/Method: 3550/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/KG	66	640	Jun 4, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/KG	120	640	Jun 4, 2002
1,2-DICHLOROBENZENE	1	ND	UG/KG	120	640	Jun 4, 2002
1,3-DICHLOROBENZENE	1	ND	UG/KG	140	640	Jun 4, 2002
1,4-DICHLOROBENZENE	1	ND	UG/KG	110	640	Jun 4, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/KG	64	3100	Jun 4, 2002
1-NAPHTHYLAMINE	1	ND	UG/KG	160	640	Jun 4, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/KG	800	3100	Jun 4, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/KG	150	640	Jun 4, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/KG	97	640	Jun 4, 2002
2,4-DICHLOROPHENOL	1	ND	UG/KG	170	640	Jun 4, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/KG	180	640	Jun 4, 2002
2,4-DINITROPHENOL	1	ND	UG/KG	970	3100	Jun 4, 2002
2,6-DICHLOROPHENOL	1	ND	UG/KG	100	640	Jun 4, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/KG	64	6400	Jun 4, 2002
2-CHLORONAPHTHALENE	1	ND	UG/KG	74	640	Jun 4, 2002
2-CHLOROPHENOL	1	ND	UG/KG	140	640	Jun 4, 2002
2-METHYLNAPHTHALENE	1	ND	UG/KG	110	640	Jun 4, 2002
2-METHYLPHENOL	1	ND	UG/KG	150	640	Jun 4, 2002
2-NAPHTHYLAMINE	1	ND	UG/KG	150	640	Jun 4, 2002
2-NITROANILINE	1	ND	UG/KG	160	3100	Jun 4, 2002
2-NITROPHENOL	1	ND	UG/KG	230	640	Jun 4, 2002
2-PICOLINE	1	ND	UG/KG	93	1300	Jun 4, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/KG	140	3100	Jun 4, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/KG	780	1300	Jun 4, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/KG	76	1300	Jun 4, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	450 J	UG/KG	140	640	Jun 4, 2002
3-NITROANILINE	1	ND	UG/KG	170	3100	Jun 4, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/KG	820	3100	Jun 4, 2002
4-AMINOBIPHENYL	1	ND	UG/KG	640	3100	Jun 4, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/KG	140	640	Jun 4, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/KG	180	640	Jun 4, 2002
4-CHLOROANILINE	1	ND	UG/KG	91	640	Jun 4, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/KG	140	640	Jun 4, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/KG	110	1300	Jun 4, 2002
4-NITROANILINE	1	ND	UG/KG	120	3100	Jun 4, 2002
4-NITROPHENOL	1	ND	UG/KG	180	3100	Jun 4, 2002
4-PHENYLENEDIAMINE	1	ND	UG/KG	1600	3100	Jun 4, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/KG	110	1300	Jun 4, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/KG	97	1300	Jun 4, 2002
A,A-DIMETHYLPHENETHYLAMINE	1	ND	UG/KG	640	3100	Jun 4, 2002
ACENAPHTHENE	1	ND	UG/KG	89	640	Jun 4, 2002
ACENAPHTHYLENE	1	ND	UG/KG	66	640	Jun 4, 2002
ACETOPHENONE	1	ND	UG/KG	66	640	Jun 4, 2002
ANILINE	1	ND	UG/KG	110	640	Jun 4, 2002
ANTHRACENE	1	ND	UG/KG	150	640	Jun 4, 2002
ARAMITE	1	ND	UG/KG	84	1300	Jun 4, 2002
BENZO(A)ANTHRACENE	1	ND	UG/KG	76	640	Jun 4, 2002
BENZO(A)PYRENE	1	ND	UG/KG	180	640	Jun 4, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/KG	190	640	Jun 4, 2002
BENZO(GHI)PERYLENE	1	ND	UG/KG	140	640	Jun 4, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/KG	180	640	Jun 4, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-4SD1
Sampling Point: 4SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PM-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BENZYL ALCOHOL	1	ND	UG/KG	150	640	Jun 4, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/KG	140	640	Jun 4, 2002
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/KG	95	640	Jun 4, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/KG	130	640	Jun 4, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/KG	130	640	Jun 4, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/KG	66	640	Jun 4, 2002
CHLOROBENZILATE	1	ND	UG/KG	87	640	Jun 4, 2002
CHRYSENE	1	ND	UG/KG	100	640	Jun 4, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/KG	150	640	Jun 4, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/KG	70	640	Jun 4, 2002
DIALLATE	1	ND	UG/KG	99	1300	Jun 4, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/KG	91	640	Jun 4, 2002
DIBENZOFURAN	1	ND	UG/KG	160	640	Jun 4, 2002
DIETHYL PHTHALATE	1	ND	UG/KG	100	1300	Jun 4, 2002
DIMETHOATE	1	ND	UG/KG	91	1300	Jun 4, 2002
DIMETHYL PHTHALATE	1	ND	UG/KG	170	640	Jun 4, 2002
DIPHENYLAMINE	1	ND	UG/KG	100	640	Jun 4, 2002
ETHYL METHANESULFONATE	1	ND	UG/KG	86	640	Jun 4, 2002
FAMPHUR	1	ND	UG/KG	190	1300	Jun 4, 2002
FLUORANTHENE	1	ND	UG/KG	160	640	Jun 4, 2002
FLUORENE	1	ND	UG/KG	150	640	Jun 4, 2002
HEXACHLOROBENZENE	1	ND	UG/KG	150	640	Jun 4, 2002
HEXACHLOROBUTADIENE	1	ND	UG/KG	190	640	Jun 4, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/KG	64	3100	Jun 4, 2002
HEXACHLOROETHANE	1	ND	UG/KG	97	640	Jun 4, 2002
HEXACHLOROPROPENE	1	ND	UG/KG	84	6400	Jun 4, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/KG	93	640	Jun 4, 2002
ISODRIN	1	ND	UG/KG	78	640	Jun 4, 2002
ISOPHORONE	1	ND	UG/KG	130	640	Jun 4, 2002
ISOSAFROLE	1	ND	UG/KG	72	1300	Jun 4, 2002
METHAPYRILENE	1	ND	UG/KG	80	3100	Jun 4, 2002
METHYL METHANESULFONATE	1	ND	UG/KG	100	640	Jun 4, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/KG	110	640	Jun 4, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/KG	170	640	Jun 4, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/KG	91	640	Jun 4, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/KG	110	640	Jun 4, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/KG	140	640	Jun 4, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/KG	78	640	Jun 4, 2002
N-NITROSOMORPHOLINE	1	ND	UG/KG	100	640	Jun 4, 2002
N-NITROSOPIPERIDINE	1	ND	UG/KG	130	640	Jun 4, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/KG	84	640	Jun 4, 2002
NAPHTHALENE	1	ND	UG/KG	140	640	Jun 4, 2002
NITROQUINOLINE-1-OXIDE	1	ND	UG/KG	1400	6400	Jun 4, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/KG	100	3100	Jun 4, 2002
O-TOLUIDINE	1	ND	UG/KG	190	1300	Jun 4, 2002
PARATHION	1	ND	UG/KG	91	3100	Jun 4, 2002
PENTACHLOROBENZENE	1	ND	UG/KG	78	640	Jun 4, 2002
PENTACHLOROETHANE	1	ND	UG/KG	99	3100	Jun 4, 2002
PENTACHLORONITROBENZENE	1	ND	UG/KG	110	3100	Jun 4, 2002
PENTACHLOROPHENOL	1	ND	UG/KG	720	3100	Jun 4, 2002
PHENACETIN	1	ND	UG/KG	95	1300	Jun 4, 2002
PHENANTHRENE	1	ND	UG/KG	72	640	Jun 4, 2002
PHENOL	1	ND	UG/KG	140	640	Jun 4, 2002
PHORATE	1	ND	UG/KG	80	3100	Jun 4, 2002
PRONAMIDE	1	ND	UG/KG	97	1300	Jun 4, 2002
PYRENE	1	ND	UG/KG	78	640	Jun 4, 2002
PYRIDINE	1	ND	UG/KG	780	1300	Jun 4, 2002
SAFROLE	1	ND	UG/KG	95	3100	Jun 4, 2002
SULFOTEPP	1	ND	UG/KG	93	1900	Jun 4, 2002
THIONAZIN	1	ND	UG/KG	120	3100	Jun 4, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	75.0 RPR				Jun 4, 2002
2-FLUOROBIPHENYL	1	71.0 RPR				Jun 4, 2002
2-FLUOROPHENOL	1	69.0 RPR				Jun 4, 2002
NITROBENZENE-D5	1	78.0 RPR				Jun 4, 2002
PHENOL-D5	1	71.0 RPR				Jun 4, 2002
TERPHENYL-D14	1	76.0 RPR				Jun 4, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-4SD1
Sampling Point: 4SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PM-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3550/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/KG	18	230	Jun 5, 2002
1,3-DINITROBENZENE	1	ND	UG/KG	23	230	Jun 5, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/KG	15	230	Jun 5, 2002
2,4-DINITROTOLUENE	1	ND	UG/KG	16	230	Jun 5, 2002
2,6-DINITROTOLUENE	1	ND	UG/KG	18	230	Jun 5, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/KG	52	230	Jun 5, 2002
2-NITROTOLUENE	1	ND	UG/KG	29	230	Jun 5, 2002
3-NITROTOLUENE	1	ND	UG/KG	21	230	Jun 5, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND	UG/KG	14	230	Jun 5, 2002
4-NITROTOLUENE	1	ND	UG/KG	52	230	Jun 5, 2002
HMX	1	ND	UG/KG	16	230	Jun 5, 2002
NITROBENZENE	1	ND	UG/KG	43	230	Jun 5, 2002
NITROGLYCERIN	1	ND	UG/KG	330	970	Jun 5, 2002
PETN	1	ND	UG/KG	270	970	Jun 5, 2002
RDX	1	ND	UG/KG	15	230	Jun 5, 2002
TETRYL	1	ND	UG/KG	43	230	Jun 5, 2002
Surrogates:						
NITROBENZENE-D5	1	85.0 RPR				Jun 5, 2002

Comments:

6010B - TRAC (TIN): Detected in the method blank at 1.9 mg/kg. PQL is 10.0 mg/kg. Sample result was not corrected for the blank.
6020 (LEAD): Detected in the method blank at 0.0093 mg/kg. PQL is 0.10 mg/kg. Sample result was not corrected for the blank.
8260B (METHYLENE CHLORIDE): Detected in the method blank at 1.2 ug/kg. PQL is 5.0 ug/kg. Sample result was not corrected for the blank.
ALL RESULTS AND LIMITS ARE REPORTED ON A DRY WEIGHT BASIS

Qualifiers:

J The result is between MDL and PQL and should be considered an estimate.

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-4SW1
Sampling Point: 4SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12L2-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3010A/6010B - TRAC						
ANTIMONY	1	ND	UG/L	3.7	10.0	Jun 4, 2002
BARIUM	1	143	UG/L	1.8	10.0	Jun 4, 2002
BERYLLIUM	1	0.69 B	UG/L	0.56	5.0	Jun 4, 2002
CADMIUM	1	ND	UG/L	0.30	5.0	Jun 4, 2002
CHROMIUM	1	16.6	UG/L	0.74	10.0	Jun 4, 2002
COBALT	1	9.4 B	UG/L	0.92	10.0	Jun 4, 2002
COPPER	1	89.9	UG/L	0.76	10.0	Jun 4, 2002
NICKEL	1	22.3 B	UG/L	1.7	40.0	Jun 4, 2002
SILVER	1	ND	UG/L	0.54	10.0	Jun 4, 2002
TIN	1	ND	UG/L	3.4	100	Jun 4, 2002
VANADIUM	1	31.4	UG/L	0.61	10.0	Jun 4, 2002
ZINC	1	126	UG/L	6.8	20.0	Jun 4, 2002
Prep/Method: 3010/6020						
ARSENIC	1	2.7 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD	1	29.4	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM	1	0.51 B	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM	1	0.12 B	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY	1	0.040 B	UG/L	0.028	0.20	Jun 5, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/L	0.28	1.0	May 31, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/L	0.32	1.0	May 31, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/L	0.50	1.0	May 31, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/L	0.41	1.0	May 31, 2002
1,1-DICHLOROETHANE	1	ND	UG/L	0.29	1.0	May 31, 2002
1,1-DICHLOROETHENE	1	ND	UG/L	0.31	1.0	May 31, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/L	0.76	1.0	May 31, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/L	0.49	2.0	May 31, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/L	0.46	1.0	May 31, 2002
1,2-DICHLOROETHANE	1	ND	UG/L	0.43	1.0	May 31, 2002
1,2-DICHLOROPROPANE	1	ND	UG/L	0.38	1.0	May 31, 2002
1,4-DIOXANE	1	ND	UG/L	36	200	May 31, 2002
2-BUTANONE (MEK)	1	ND	UG/L	2.4	5.0	May 31, 2002
2-HEXANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
4-METHYL-2-PENTANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
ACETONE	1	6.6 J	UG/L	2.9	10	May 31, 2002
ACETONITRILE	1	ND	UG/L	15	20	May 31, 2002
ACROLEIN	1	ND	UG/L	4.7	20	May 31, 2002
ACRYLONITRILE	1	ND	UG/L	4.9	20	May 31, 2002
ALLYL CHLORIDE	1	ND	UG/L	0.64	2.0	May 31, 2002
BENZENE	1	ND	UG/L	0.27	1.0	May 31, 2002
BROMODICHLOROMETHANE	1	ND	UG/L	0.35	1.0	May 31, 2002
BROMOFORM	1	ND	UG/L	0.46	1.0	May 31, 2002
BROMOMETHANE	1	ND	UG/L	0.28	2.0	May 31, 2002
CARBON DISULFIDE	1	ND	UG/L	0.67	1.0	May 31, 2002
CARBON TETRACHLORIDE	1	ND	UG/L	0.35	1.0	May 31, 2002
CHLOROBENZENE	1	ND	UG/L	0.24	1.0	May 31, 2002
CHLOROETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROFORM	1	ND	UG/L	0.29	1.0	May 31, 2002
CHLOROMETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROPRENE	1	ND	UG/L	0.35	1.0	May 31, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/L	0.33	1.0	May 31, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.31	1.0	May 31, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/L	0.37	1.0	May 31, 2002
DIBROMOMETHANE	1	ND	UG/L	0.40	1.0	May 31, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/L	0.44	2.0	May 31, 2002
ETHYL METHACRYLATE	1	ND	UG/L	0.79	1.0	May 31, 2002
ETHYLBENZENE	1	ND	UG/L	0.51	1.0	May 31, 2002
IODOMETHANE	1	ND	UG/L	0.42	1.0	May 31, 2002
ISOBUTYL ALCOHOL	1	ND	UG/L	26	50	May 31, 2002
METHACRYLONITRILE	1	ND	UG/L	4.7	10	May 31, 2002
METHYL METHACRYLATE	1	ND	UG/L	0.81	1.0	May 31, 2002
METHYLENE CHLORIDE	1	ND	UG/L	0.86	1.0	May 31, 2002
PROPIONITRILE	1	ND	UG/L	8.2	10	May 31, 2002
STYRENE	1	ND	UG/L	0.28	1.0	May 31, 2002
TETRACHLOROETHENE	1	ND	UG/L	0.27	1.0	May 31, 2002
TOLUENE	1	0.71 J	UG/L	0.26	1.0	May 31, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-4SW1
Sampling Point: 4SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12L2-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
TRANS-1,2-DICHLOROETHENE	1	ND	UG/L	0.25	0.50	May 31, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.36	1.0	May 31, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/L	0.70	1.0	May 31, 2002
TRICHLOROETHENE	1	ND	UG/L	0.24	1.0	May 31, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/L	0.43	2.0	May 31, 2002
VINYL ACETATE	1	ND	UG/L	0.91	2.0	May 31, 2002
VINYL CHLORIDE	1	ND	UG/L	0.26	1.0	May 31, 2002
XYLENES (TOTAL)	1	ND	UG/L	0.73	2.0	May 31, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	100.0 RPR				May 31, 2002
4-BROMOFLUOROBENZENE	1	100.0 RPR				May 31, 2002
DIBROMOFLUOROMETHANE	1	96.0 RPR				May 31, 2002
TOLUENE-D8	1	98.0 RPR				May 31, 2002
Prep/Method: 3520C/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/L	1.8	10	Jun 2, 2002
1,2-DICHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,3-DICHLOROBENZENE	1	ND	UG/L	2.5	10	Jun 2, 2002
1,4-DICHLOROBENZENE	1	ND	UG/L	2.2	10	Jun 2, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/L	1.8	50	Jun 2, 2002
1-NAPHTHYLAMINE	1	ND	UG/L	3.3	10	Jun 2, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/L	2.2	50	Jun 2, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4-DICHLOROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2,4-DINITROPHENOL	1	ND	UG/L	16	50	Jun 2, 2002
2,6-DICHLOROPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/L	1.8	100	Jun 2, 2002
2-CHLORONAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
2-CHLOROPHENOL	1	ND	UG/L	1.5	10	Jun 2, 2002
2-METHYLNAPHTHALENE	1	ND	UG/L	1.9	10	Jun 2, 2002
2-METHYLPHENOL	1	ND	UG/L	1.6	10	Jun 2, 2002
2-NAPHTHYLAMINE	1	ND	UG/L	2.6	10	Jun 2, 2002
2-NITROANILINE	1	ND	UG/L	1.6	50	Jun 2, 2002
2-NITROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2-PICOLINE	1	ND	UG/L	1.2	20	Jun 2, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/L	16	50	Jun 2, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/L	10	20	Jun 2, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/L	4.8	20	Jun 2, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
3-NITROANILINE	1	ND	UG/L	6.7	50	Jun 2, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/L	15	50	Jun 2, 2002
4-AMINOBIPHENYL	1	ND	UG/L	1.6	50	Jun 2, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLOROANILINE	1	ND	UG/L	7.3	10	Jun 2, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/L	1.5	10	Jun 2, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/L	3.2	20	Jun 2, 2002
4-NITROANILINE	1	ND	UG/L	4.4	50	Jun 2, 2002
4-NITROPHENOL	1	ND	UG/L	7.1	50	Jun 2, 2002
4-NITROQUINOLINE-1-OXIDE	1	ND	UG/L	22	100	Jun 2, 2002
4-PHENYLENEDIAMINE	1	ND	UG/L	17	100	Jun 2, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/L	3.0	20	Jun 2, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/L	1.5	20	Jun 2, 2002
ACENAPHTHENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACENAPHTHYLENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACETOPHENONE	1	ND	UG/L	1.4	10	Jun 2, 2002
ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE	1	ND	UG/L	13	50	Jun 2, 2002
ANILINE	1	ND	UG/L	1.2	10	Jun 2, 2002
ANTHRACENE	1	ND	UG/L	1.2	10	Jun 2, 2002
ARAMITE	1	ND	UG/L	5.3	20	Jun 2, 2002
BENZO(A)ANTHRACENE	1	ND	UG/L	1.3	10	Jun 2, 2002
BENZO(A)PYRENE	1	ND	UG/L	1.9	10	Jun 2, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZO(GHI)PERYLENE	1	ND	UG/L	1.1	10	Jun 2, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZYL ALCOHOL	1	ND	UG/L	3.0	10	Jun 2, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/L	1.4	10	Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-4SW1
Sampling Point: 4SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12L2-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/L	1.8	10	Jun 2, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/L	1.9	10	Jun 2, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/L	1.9	10	Jun 2, 2002
CHLOROBENZILATE	1	ND	UG/L	2.1	10	Jun 2, 2002
CHRYSENE	1	ND	UG/L	1.5	10	Jun 2, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/L	2.1	10	Jun 2, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIALLATE	1	ND	UG/L	2.1	20	Jun 2, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/L	1.6	10	Jun 2, 2002
DIBENZOFURAN	1	ND	UG/L	1.3	10	Jun 2, 2002
DIETHYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIMETHOATE	1	ND	UG/L	1.8	20	Jun 2, 2002
DIMETHYL PHTHALATE	1	ND	UG/L	1.8	10	Jun 2, 2002
DIPHENYLAMINE	1	ND	UG/L	1.4	10	Jun 2, 2002
ETHYL METHANESULFONATE	1	ND	UG/L	2.7	10	Jun 2, 2002
FAMPHUR	1	ND	UG/L	24	200	Jun 2, 2002
FLUORANTHENE	1	ND	UG/L	2.0	10	Jun 2, 2002
FLUORENE	1	ND	UG/L	1.4	10	Jun 2, 2002
HEXACHLOROBENZENE	1	ND	UG/L	1.5	10	Jun 2, 2002
HEXACHLOROBUTADIENE	1	ND	UG/L	3.3	10	Jun 2, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/L	9.1	50	Jun 2, 2002
HEXACHLOROETHANE	1	ND	UG/L	3.0	10	Jun 2, 2002
HEXACHLOROPROPENE	1	ND	UG/L	1.5	100	Jun 2, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/L	1.3	10	Jun 2, 2002
ISODRIN	1	ND	UG/L	2.0	10	Jun 2, 2002
ISOPHORONE	1	ND	UG/L	1.6	10	Jun 2, 2002
ISOSAFROLE	1	ND	UG/L	1.9	20	Jun 2, 2002
METHAPYRILENE	1	ND	UG/L	18	50	Jun 2, 2002
METHYL METHANESULFONATE	1	ND	UG/L	6.0	10	Jun 2, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/L	1.6	10	Jun 2, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/L	1.7	10	Jun 2, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/L	5.3	10	Jun 2, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/L	3.0	10	Jun 2, 2002
N-NITROSOMORPHOLINE	1	ND	UG/L	3.9	10	Jun 2, 2002
N-NITROSOPIPERIDINE	1	ND	UG/L	1.9	10	Jun 2, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/L	2.4	10	Jun 2, 2002
NAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/L	2.4	50	Jun 2, 2002
O-TOLUIDINE	1	ND	UG/L	1.2	10	Jun 2, 2002
PARATHION	1	ND	UG/L	1.5	50	Jun 2, 2002
PENTACHLOROBENZENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PENTACHLOROETHANE	1	ND	UG/L	1.9	50	Jun 2, 2002
PENTACHLORONITROBENZENE	1	ND	UG/L	2.0	50	Jun 2, 2002
PENTACHLOROPHENOL	1	ND	UG/L	7.7	50	Jun 2, 2002
PHENACETIN	1	ND	UG/L	4.2	20	Jun 2, 2002
PHENANTHRENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
PHORATE	1	ND	UG/L	1.8	50	Jun 2, 2002
PRONAMIDE	1	ND	UG/L	1.4	20	Jun 2, 2002
PYRENE	1	ND	UG/L	1.7	10	Jun 2, 2002
PYRIDINE	1	ND	UG/L	12	20	Jun 2, 2002
SAFROLE	1	ND	UG/L	2.0	50	Jun 2, 2002
SULFOTEPP	1	ND	UG/L	2.1	50	Jun 2, 2002
THIONAZIN	1	ND	UG/L	2.2	10	Jun 2, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	81.0 RPR				Jun 2, 2002
2-FLUOROBIPHENYL	1	77.0 RPR				Jun 2, 2002
2-FLUOROPHENOL	1	77.0 RPR				Jun 2, 2002
NITROBENZENE-D5	1	79.0 RPR				Jun 2, 2002
PHENOL-D5	1	75.0 RPR				Jun 2, 2002
TERPHENYL-D14	1	67.0 RPR				Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-4SW1
Sampling Point: 4SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12L2-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: SW3535/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
1,3-DINITROBENZENE	1	ND	UG/L	0.023	0.12	Jun 4, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/L	0.021	0.12	Jun 4, 2002
2,4-DINITROTOLUENE	1	ND	UG/L	0.026	0.12	Jun 4, 2002
2,6-DINITROTOLUENE	1	ND	UG/L	0.022	0.12	Jun 4, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/L	0.036	0.12	Jun 4, 2002
2-NITROTOLUENE	1	ND	UG/L	0.026	0.12	Jun 4, 2002
3-NITROTOLUENE	1	ND	UG/L	0.027	0.12	Jun 4, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND	UG/L	0.020	0.12	Jun 4, 2002
4-NITROTOLUENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROGLYCERIN	1	ND	UG/L	0.030	0.12	Jun 4, 2002
PETN	1	ND	UG/L	0.051	0.12	Jun 4, 2002
TETRYL	1	ND UJ	UG/L	0.024	0.12	Jun 4, 2002
Surrogates:						
NITROBENZENE-D5	1	76.0 RPR				Jun 4, 2002

Comments:

8270C (BIS(2-ETHYLHEXYL) PHTHALATE): Detected in the method blank at 2.4 ug/L. PQL is 10 ug/L. Sample result was not corrected for the blank.

Qualifiers:

UJ The constituent was analyzed for, but was not detected. The result is an estimate and may be inaccurate or imprecise.
J The result is between MDL and PQL and should be considered an estimate.

Prep/Method: SW3535/8321						
HMX	5	ND	UG/L	0.20	0.60	Jun 4, 2002
RDX	5	ND	UG/L	0.10	0.60	Jun 4, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-4SW1-DIS
Sampling Point: 4SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12L9-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3005/6010B - TRAC						
ANTIMONY-DISSOLVED	1	ND	UG/L	3.7	10.0	Jun 10, 2002
BARIUM-DISSOLVED	1	60.4	UG/L	1.8	10.0	Jun 10, 2002
BERYLLIUM-DISSOLVED	1	ND	UG/L	0.56	5.0	Jun 10, 2002
CADMIUM-DISSOLVED	1	ND	UG/L	0.30	5.0	Jun 10, 2002
CHROMIUM-DISSOLVED	1	4.7 B	UG/L	0.74	10.0	Jun 10, 2002
COBALT-DISSOLVED	1	1.1 B	UG/L	0.92	10.0	Jun 10, 2002
COPPER-DISSOLVED	1	24.5	UG/L	0.76	10.0	Jun 10, 2002
NICKEL-DISSOLVED	1	5.3 B	UG/L	1.7	40.0	Jun 10, 2002
SILVER-DISSOLVED	1	ND	UG/L	0.54	10.0	Jun 10, 2002
TIN-DISSOLVED	1	ND	UG/L	3.4	100	Jun 10, 2002
VANADIUM-DISSOLVED	1	5.4 B	UG/L	0.61	10.0	Jun 10, 2002
ZINC-DISSOLVED	1	46.6	UG/L	6.8	20.0	Jun 10, 2002
Prep/Method: 3005/6020						
ARSENIC-DISSOLVED	1	1.5 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD-DISSOLVED	1	7.9	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM-DISSOLVED	1	0.24 B	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM-DISSOLVED	1	0.016 B	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY-DISSOLVED	1	ND	UG/L	0.028	0.20	Jun 5, 2002

Qualifiers:

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-5SD1
Sampling Point: 5SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PR-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 160.3 MOD/160.3 MOD						
PERCENT MOISTURE	1	21.0	%		0.10	May 31, 2002
Prep/Method: 3050B/6010B - TRAC						
ANTIMONY	1	ND	MG/KG	0.56	1.3	Jun 8, 2002
BARIUM	1	8.9	MG/KG	0.43	1.3	Jun 8, 2002
BERYLLIUM	1	ND	MG/KG	0.11	0.63	Jun 8, 2002
CADMIUM	1	ND	MG/KG	0.046	0.63	Jun 8, 2002
CHROMIUM	1	2.1	MG/KG	0.091	1.3	Jun 8, 2002
COBALT	1	1.3	MG/KG	0.091	1.3	Jun 8, 2002
COPPER	1	3.6	MG/KG	0.24	2.5	Jun 8, 2002
NICKEL	1	3.6 B	MG/KG	0.23	5.1	Jun 8, 2002
SILVER	1	0.10 B	MG/KG	0.080	1.3	Jun 8, 2002
TIN	1	4.7 B J	MG/KG	0.39	12.7	Jun 8, 2002
VANADIUM	1	7.6	MG/KG	0.085	1.3	Jun 8, 2002
ZINC	1	85.4	MG/KG	0.67	2.5	Jun 8, 2002
Prep/Method: 3050B/6020						
ARSENIC	1	1.4	MG/KG	0.022	0.63	Jun 6, 2002
LEAD	1	33.9 J	MG/KG	0.0053	0.13	Jun 6, 2002
SELENIUM	1	0.094 B	MG/KG	0.062	0.63	Jun 6, 2002
THALLIUM	1	0.011 B	MG/KG	0.0013	0.13	Jun 6, 2002
Prep/Method: 7471A/7471A						
MERCURY	1	0.020 B	MG/KG	0.0032	0.042	Jun 4, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/KG	1.2	6.3	Jun 3, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/KG	1.2	6.3	Jun 3, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/KG	1.4	6.3	Jun 3, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/KG	1.9	6.3	Jun 3, 2002
1,1-DICHLOROETHANE	1	ND	UG/KG	1.2	6.3	Jun 3, 2002
1,1-DICHLOROETHENE	1	ND	UG/KG	1.4	6.3	Jun 3, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/KG	1.9	6.3	Jun 3, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/KG	1.8	13	Jun 3, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/KG	1.2	6.3	Jun 3, 2002
1,2-DICHLOROETHANE	1	ND	UG/KG	1.3	6.3	Jun 3, 2002
1,2-DICHLOROPROPANE	1	ND	UG/KG	1.5	6.3	Jun 3, 2002
1,4-DIOXANE	1	ND	UG/KG	100	630	Jun 3, 2002
2-BUTANONE (MEK)	1	ND	UG/KG	5.9	25	Jun 3, 2002
2-HEXANONE	1	ND	UG/KG	5.8	25	Jun 3, 2002
4-METHYL-2-PENTANONE	1	ND	UG/KG	4.9	25	Jun 3, 2002
ACETONE	1	ND	UG/KG	5.8	25	Jun 3, 2002
ACETONITRILE	1	ND	UG/KG	30	130	Jun 3, 2002
ACROLEIN	1	ND	UG/KG	22	130	Jun 3, 2002
ACRYLONITRILE	1	ND	UG/KG	19	130	Jun 3, 2002
ALLYL CHLORIDE	1	ND	UG/KG	1.2	13	Jun 3, 2002
BENZENE	1	ND	UG/KG	1.1	6.3	Jun 3, 2002
BROMODICHLOROMETHANE	1	ND	UG/KG	1.2	6.3	Jun 3, 2002
BROMOFORM	1	ND	UG/KG	1.2	6.3	Jun 3, 2002
BROMOMETHANE	1	ND	UG/KG	1.5	13	Jun 3, 2002
CARBON DISULFIDE	1	ND	UG/KG	1.2	6.3	Jun 3, 2002
CARBON TETRACHLORIDE	1	ND	UG/KG	1.5	6.3	Jun 3, 2002
CHLOROBENZENE	1	ND	UG/KG	0.95	6.3	Jun 3, 2002
CHLOROETHANE	1	ND	UG/KG	1.6	13	Jun 3, 2002
CHLOROFORM	1	ND	UG/KG	1.1	13	Jun 3, 2002
CHLOROMETHANE	1	ND	UG/KG	1.9	13	Jun 3, 2002
CHLOROPRENE	1	ND	UG/KG	1.1	6.3	Jun 3, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/KG	1.1	3.2	Jun 3, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/KG	1.2	6.3	Jun 3, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/KG	1.1	6.3	Jun 3, 2002
DIBROMOMETHANE	1	ND	UG/KG	1.6	6.3	Jun 3, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/KG	2.0	13	Jun 3, 2002
ETHYL METHACRYLATE	1	ND	UG/KG	1.2	6.3	Jun 3, 2002
ETHYLBENZENE	1	ND	UG/KG	1.5	6.3	Jun 3, 2002
IODOMETHANE	1	ND	UG/KG	1.1	6.3	Jun 3, 2002
ISOBUTYL ALCOHOL	1	ND	UG/KG	53	250	Jun 3, 2002
METHACRYLONITRILE	1	ND	UG/KG	18	63	Jun 3, 2002
METHYL METHACRYLATE	1	ND	UG/KG	1.8	6.3	Jun 3, 2002
METHYLENE CHLORIDE	1	1.5 J B	UG/KG	1.0	6.3	Jun 3, 2002
PROPIONITRILE	1	ND	UG/KG	22	63	Jun 3, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-5SD1
Sampling Point: 5SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PR-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
STYRENE	1	ND	UG/KG	0.84	6.3	Jun 3, 2002
TETRACHLOROETHENE	1	ND	UG/KG	1.3	6.3	Jun 3, 2002
TOLUENE	1	ND	UG/KG	0.99	6.3	Jun 3, 2002
TRANS-1,2-DICHLOROETHENE	1	ND	UG/KG	1.0	3.2	Jun 3, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/KG	1.3	6.3	Jun 3, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/KG	1.4	6.3	Jun 3, 2002
TRICHLOROETHENE	1	ND	UG/KG	1.1	6.3	Jun 3, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/KG	0.65	13	Jun 3, 2002
VINYL ACETATE	1	ND	UG/KG	3.0	13	Jun 3, 2002
VINYL CHLORIDE	1	ND	UG/KG	1.4	6.3	Jun 3, 2002
XYLENES (TOTAL)	1	ND	UG/KG	3.5	6.3	Jun 3, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	110.0 RPR				Jun 3, 2002
4-BROMOFLUOROBENZENE	1	100.0 RPR				Jun 3, 2002
DIBROMOFLUOROMETHANE	1	108.0 RPR				Jun 3, 2002
TOLUENE-D8	1	100.0 RPR				Jun 3, 2002
Prep/Method: 3550/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/KG	43	420	Jun 4, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/KG	81	420	Jun 4, 2002
1,2-DICHLOROBENZENE	1	ND	UG/KG	81	420	Jun 4, 2002
1,3-DICHLOROBENZENE	1	ND	UG/KG	90	420	Jun 4, 2002
1,4-DICHLOROBENZENE	1	ND	UG/KG	70	420	Jun 4, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/KG	42	2000	Jun 4, 2002
1-NAPHTHYLAMINE	1	ND	UG/KG	110	420	Jun 4, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/KG	520	2000	Jun 4, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/KG	95	420	Jun 4, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/KG	63	420	Jun 4, 2002
2,4-DICHLOROPHENOL	1	ND	UG/KG	110	420	Jun 4, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/KG	120	420	Jun 4, 2002
2,4-DINITROPHENOL	1	ND	UG/KG	630	2000	Jun 4, 2002
2,6-DICHLOROPHENOL	1	ND	UG/KG	66	420	Jun 4, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/KG	42	4200	Jun 4, 2002
2-CHLORONAPHTHALENE	1	ND	UG/KG	48	420	Jun 4, 2002
2-CHLOROPHENOL	1	ND	UG/KG	92	420	Jun 4, 2002
2-METHYLNAPHTHALENE	1	ND	UG/KG	75	420	Jun 4, 2002
2-METHYLPHENOL	1	ND	UG/KG	97	420	Jun 4, 2002
2-NAPHTHYLAMINE	1	ND	UG/KG	99	420	Jun 4, 2002
2-NITROANILINE	1	ND	UG/KG	100	2000	Jun 4, 2002
2-NITROPHENOL	1	ND	UG/KG	150	420	Jun 4, 2002
2-PICOLINE	1	ND	UG/KG	61	840	Jun 4, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/KG	89	2000	Jun 4, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/KG	510	840	Jun 4, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/KG	49	840	Jun 4, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/KG	94	420	Jun 4, 2002
3-NITROANILINE	1	ND	UG/KG	110	2000	Jun 4, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/KG	530	2000	Jun 4, 2002
4-AMINOBIPHENYL	1	ND	UG/KG	420	2000	Jun 4, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/KG	90	420	Jun 4, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/KG	120	420	Jun 4, 2002
4-CHLOROANILINE	1	ND	UG/KG	59	420	Jun 4, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/KG	90	420	Jun 4, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/KG	71	840	Jun 4, 2002
4-NITROANILINE	1	ND	UG/KG	81	2000	Jun 4, 2002
4-NITROPHENOL	1	ND	UG/KG	120	2000	Jun 4, 2002
4-PHENYLENEDIAMINE	1	ND	UG/KG	1100	2000	Jun 4, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/KG	74	840	Jun 4, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/KG	63	840	Jun 4, 2002
A,A-DIMETHYLPHENETHYLAMINE	1	ND	UG/KG	420	2000	Jun 4, 2002
ACENAPHTHENE	1	ND	UG/KG	58	420	Jun 4, 2002
ACENAPHTHYLENE	1	ND	UG/KG	43	420	Jun 4, 2002
ACETOPHENONE	1	ND	UG/KG	43	420	Jun 4, 2002
ANILINE	1	ND	UG/KG	72	420	Jun 4, 2002
ANTHRACENE	1	ND	UG/KG	99	420	Jun 4, 2002
ARAMITE	1	ND	UG/KG	54	840	Jun 4, 2002
BENZO(A)ANTHRACENE	1	ND	UG/KG	49	420	Jun 4, 2002
BENZO(A)PYRENE	1	ND	UG/KG	120	420	Jun 4, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/KG	130	420	Jun 4, 2002
BENZO(GHI)PERYLENE	1	ND	UG/KG	89	420	Jun 4, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/KG	120	420	Jun 4, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-5SD1
Sampling Point: 5SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PR-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BENZYL ALCOHOL	1	ND	UG/KG	97	420	Jun 4, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/KG	94	420	Jun 4, 2002
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/KG	62	420	Jun 4, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/KG	87	420	Jun 4, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/KG	87	420	Jun 4, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/KG	43	420	Jun 4, 2002
CHLOROBENZILATE	1	ND	UG/KG	57	420	Jun 4, 2002
CHRYSENE	1	ND	UG/KG	67	420	Jun 4, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/KG	96	420	Jun 4, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/KG	46	420	Jun 4, 2002
DIALLATE	1	ND	UG/KG	65	840	Jun 4, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/KG	59	420	Jun 4, 2002
DIBENZOFURAN	1	ND	UG/KG	100	420	Jun 4, 2002
DIETHYL PHTHALATE	1	ND	UG/KG	67	840	Jun 4, 2002
DIMETHOATE	1	ND	UG/KG	59	840	Jun 4, 2002
DIMETHYL PHTHALATE	1	ND	UG/KG	110	420	Jun 4, 2002
DIPHENYLAMINE	1	ND	UG/KG	66	420	Jun 4, 2002
ETHYL METHANESULFONATE	1	ND	UG/KG	56	420	Jun 4, 2002
FAMPHUR	1	ND	UG/KG	130	840	Jun 4, 2002
FLUORANTHENE	1	ND	UG/KG	110	420	Jun 4, 2002
FLUORENE	1	ND	UG/KG	96	420	Jun 4, 2002
HEXACHLOROBENZENE	1	ND	UG/KG	96	420	Jun 4, 2002
HEXACHLOROBUTADIENE	1	ND	UG/KG	130	420	Jun 4, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/KG	42	2000	Jun 4, 2002
HEXACHLOROETHANE	1	ND	UG/KG	63	420	Jun 4, 2002
HEXACHLOROPROPENE	1	ND	UG/KG	54	4200	Jun 4, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/KG	61	420	Jun 4, 2002
ISODRIN	1	ND	UG/KG	51	420	Jun 4, 2002
ISOPHORONE	1	ND	UG/KG	86	420	Jun 4, 2002
ISOSAFROLE	1	ND	UG/KG	47	840	Jun 4, 2002
METHAPYRILENE	1	ND	UG/KG	52	2000	Jun 4, 2002
METHYL METHANESULFONATE	1	ND	UG/KG	67	420	Jun 4, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/KG	71	420	Jun 4, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/KG	110	420	Jun 4, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/KG	59	420	Jun 4, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/KG	75	420	Jun 4, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/KG	91	420	Jun 4, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/KG	51	420	Jun 4, 2002
N-NITROSOMORPHOLINE	1	ND	UG/KG	67	420	Jun 4, 2002
N-NITROSOPIPERIDINE	1	ND	UG/KG	87	420	Jun 4, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/KG	54	420	Jun 4, 2002
NAPHTHALENE	1	ND	UG/KG	89	420	Jun 4, 2002
NITROQUINOLINE-1-OXIDE	1	ND	UG/KG	900	4200	Jun 4, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/KG	66	2000	Jun 4, 2002
O-TOLUIDINE	1	ND	UG/KG	120	840	Jun 4, 2002
PARATHION	1	ND	UG/KG	59	2000	Jun 4, 2002
PENTACHLOROBENZENE	1	ND	UG/KG	51	420	Jun 4, 2002
PENTACHLOROETHANE	1	ND	UG/KG	65	2000	Jun 4, 2002
PENTACHLORONITROBENZENE	1	ND	UG/KG	71	2000	Jun 4, 2002
PENTACHLOROPHENOL	1	ND	UG/KG	470	2000	Jun 4, 2002
PHENACETIN	1	ND	UG/KG	62	840	Jun 4, 2002
PHENANTHRENE	1	ND	UG/KG	47	420	Jun 4, 2002
PHENOL	1	ND	UG/KG	90	420	Jun 4, 2002
PHORATE	1	ND	UG/KG	52	2000	Jun 4, 2002
PRONAMIDE	1	ND	UG/KG	63	840	Jun 4, 2002
PYRENE	1	ND	UG/KG	51	420	Jun 4, 2002
PYRIDINE	1	ND	UG/KG	510	840	Jun 4, 2002
SAFROLE	1	ND	UG/KG	62	2000	Jun 4, 2002
SULFOTEPP	1	ND	UG/KG	61	1300	Jun 4, 2002
THIONAZIN	1	ND	UG/KG	78	2000	Jun 4, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	60.0 RPR				Jun 4, 2002
2-FLUOROBIPHENYL	1	60.0 RPR				Jun 4, 2002
2-FLUOROPHENOL	1	66.0 RPR				Jun 4, 2002
NITROBENZENE-D5	1	76.0 RPR				Jun 4, 2002
PHENOL-D5	1	66.0 RPR				Jun 4, 2002
TERPHENYL-D14	1	69.0 RPR				Jun 4, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-5SD1
Sampling Point: 5SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PR-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3550/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/KG	12	150	Jun 5, 2002
1,3-DINITROBENZENE	1	ND	UG/KG	15	150	Jun 5, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/KG	9.9	150	Jun 5, 2002
2,4-DINITROTOLUENE	1	ND	UG/KG	10	150	Jun 5, 2002
2,6-DINITROTOLUENE	1	ND	UG/KG	12	150	Jun 5, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/KG	34	150	Jun 5, 2002
2-NITROTOLUENE	1	ND	UG/KG	19	150	Jun 5, 2002
3-NITROTOLUENE	1	ND	UG/KG	14	150	Jun 5, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND	UG/KG	9.4	150	Jun 5, 2002
4-NITROTOLUENE	1	ND	UG/KG	34	150	Jun 5, 2002
HMX	1	ND	UG/KG	10	150	Jun 5, 2002
NITROBENZENE	1	ND	UG/KG	28	150	Jun 5, 2002
NITROGLYCERIN	1	ND	UG/KG	220	630	Jun 5, 2002
PETN	1	ND	UG/KG	180	630	Jun 5, 2002
RDX	1	ND	UG/KG	9.5	150	Jun 5, 2002
TETRYL	1	ND	UG/KG	28	150	Jun 5, 2002
Surrogates:						
NITROBENZENE-D5	1	87.0 RPR				Jun 5, 2002

Comments:

6010B - TRAC (TIN): Detected in the method blank at 1.9 mg/kg. PQL is 10.0 mg/kg. Sample result was not corrected for the blank.
6020 (LEAD): Detected in the method blank at 0.0093 mg/kg. PQL is 0.10 mg/kg. Sample result was not corrected for the blank.
8260B (METHYLENE CHLORIDE): Detected in the method blank at 1.2 ug/kg. PQL is 5.0 ug/kg. Sample result was not corrected for the blank.
ALL RESULTS AND LIMITS ARE REPORTED ON A DRY WEIGHT BASIS

Qualifiers:

J The result is between MDL and PQL and should be considered an estimate.

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-5SW1
Sampling Point: 5SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12MD-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3010A/6010B - TRAC						
ANTIMONY	1	ND	UG/L	3.7	10.0	Jun 4, 2002
BARIUM	1	46.7	UG/L	1.8	10.0	Jun 4, 2002
BERYLLIUM	1	ND	UG/L	0.56	5.0	Jun 4, 2002
CADMIUM	1	ND	UG/L	0.30	5.0	Jun 4, 2002
CHROMIUM	1	1.2 B	UG/L	0.74	10.0	Jun 4, 2002
COBALT	1	ND	UG/L	0.92	10.0	Jun 4, 2002
COPPER	1	19.1	UG/L	0.76	10.0	Jun 4, 2002
NICKEL	1	2.7 B	UG/L	1.7	40.0	Jun 4, 2002
SILVER	1	ND	UG/L	0.54	10.0	Jun 4, 2002
TIN	1	ND	UG/L	3.4	100	Jun 4, 2002
VANADIUM	1	1.6 B	UG/L	0.61	10.0	Jun 4, 2002
ZINC	1	178	UG/L	6.8	20.0	Jun 4, 2002
Prep/Method: 3010/6020						
ARSENIC	1	2.0 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD	1	17.0	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM	1	0.92 B	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM	1	0.029 B	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY	1	0.097 B	UG/L	0.028	0.20	Jun 5, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/L	0.28	1.0	May 31, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/L	0.32	1.0	May 31, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/L	0.50	1.0	May 31, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/L	0.41	1.0	May 31, 2002
1,1-DICHLOROETHANE	1	ND	UG/L	0.29	1.0	May 31, 2002
1,1-DICHLOROETHENE	1	ND	UG/L	0.31	1.0	May 31, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/L	0.76	1.0	May 31, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/L	0.49	2.0	May 31, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/L	0.46	1.0	May 31, 2002
1,2-DICHLOROETHANE	1	ND	UG/L	0.43	1.0	May 31, 2002
1,2-DICHLOROPROPANE	1	ND	UG/L	0.38	1.0	May 31, 2002
1,4-DIOXANE	1	ND	UG/L	36	200	May 31, 2002
2-BUTANONE (MEK)	1	ND	UG/L	2.4	5.0	May 31, 2002
2-HEXANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
4-METHYL-2-PENTANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
ACETONE	1	ND	UG/L	2.9	10	May 31, 2002
ACETONITRILE	1	ND	UG/L	15	20	May 31, 2002
ACROLEIN	1	ND	UG/L	4.7	20	May 31, 2002
ACRYLONITRILE	1	ND	UG/L	4.9	20	May 31, 2002
ALLYL CHLORIDE	1	ND	UG/L	0.64	2.0	May 31, 2002
BENZENE	1	ND	UG/L	0.27	1.0	May 31, 2002
BROMODICHLOROMETHANE	1	ND	UG/L	0.35	1.0	May 31, 2002
BROMOFORM	1	ND	UG/L	0.46	1.0	May 31, 2002
BROMOMETHANE	1	ND	UG/L	0.28	2.0	May 31, 2002
CARBON DISULFIDE	1	ND	UG/L	0.67	1.0	May 31, 2002
CARBON TETRACHLORIDE	1	ND	UG/L	0.35	1.0	May 31, 2002
CHLOROBENZENE	1	ND	UG/L	0.24	1.0	May 31, 2002
CHLOROETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROFORM	1	ND	UG/L	0.29	1.0	May 31, 2002
CHLOROMETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROPRENE	1	ND	UG/L	0.35	1.0	May 31, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/L	0.33	1.0	May 31, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.31	1.0	May 31, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/L	0.37	1.0	May 31, 2002
DIBROMOMETHANE	1	ND	UG/L	0.40	1.0	May 31, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/L	0.44	2.0	May 31, 2002
ETHYL METHACRYLATE	1	ND	UG/L	0.79	1.0	May 31, 2002
ETHYLBENZENE	1	ND	UG/L	0.51	1.0	May 31, 2002
IODOMETHANE	1	ND	UG/L	0.42	1.0	May 31, 2002
ISOBUTYL ALCOHOL	1	ND	UG/L	26	50	May 31, 2002
METHACRYLONITRILE	1	ND	UG/L	4.7	10	May 31, 2002
METHYL METHACRYLATE	1	ND	UG/L	0.81	1.0	May 31, 2002
METHYLENE CHLORIDE	1	ND	UG/L	0.86	1.0	May 31, 2002
PROPIONITRILE	1	ND	UG/L	8.2	10	May 31, 2002
STYRENE	1	ND	UG/L	0.28	1.0	May 31, 2002
TETRACHLOROETHENE	1	ND	UG/L	0.27	1.0	May 31, 2002
TOLUENE	1	ND	UG/L	0.26	1.0	May 31, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-5SW1
Sampling Point: 5SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12MD-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
TRANS-1,2-DICHLOROETHENE	1	ND	UG/L	0.25	0.50	May 31, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.36	1.0	May 31, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/L	0.70	1.0	May 31, 2002
TRICHLOROETHENE	1	ND	UG/L	0.24	1.0	May 31, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/L	0.43	2.0	May 31, 2002
VINYL ACETATE	1	ND	UG/L	0.91	2.0	May 31, 2002
VINYL CHLORIDE	1	ND	UG/L	0.26	1.0	May 31, 2002
XYLENES (TOTAL)	1	ND	UG/L	0.73	2.0	May 31, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	103.0 RPR				May 31, 2002
4-BROMOFLUOROBENZENE	1	98.0 RPR				May 31, 2002
DIBROMOFLUOROMETHANE	1	98.0 RPR				May 31, 2002
TOLUENE-D8	1	100.0 RPR				May 31, 2002
Prep/Method: 3520C/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/L	1.8	10	Jun 2, 2002
1,2-DICHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,3-DICHLOROBENZENE	1	ND	UG/L	2.5	10	Jun 2, 2002
1,4-DICHLOROBENZENE	1	ND	UG/L	2.2	10	Jun 2, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/L	1.8	50	Jun 2, 2002
1-NAPHTHYLAMINE	1	ND	UG/L	3.3	10	Jun 2, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/L	2.2	50	Jun 2, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4-DICHLOROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2,4-DINITROPHENOL	1	ND	UG/L	16	50	Jun 2, 2002
2,6-DICHLOROPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/L	1.8	100	Jun 2, 2002
2-CHLORONAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
2-CHLOROPHENOL	1	ND	UG/L	1.5	10	Jun 2, 2002
2-METHYLNAPHTHALENE	1	ND	UG/L	1.9	10	Jun 2, 2002
2-METHYLPHENOL	1	ND	UG/L	1.6	10	Jun 2, 2002
2-NAPHTHYLAMINE	1	ND	UG/L	2.6	10	Jun 2, 2002
2-NITROANILINE	1	ND	UG/L	1.6	50	Jun 2, 2002
2-NITROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2-PICOLINE	1	ND	UG/L	1.2	20	Jun 2, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/L	16	50	Jun 2, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/L	10	20	Jun 2, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/L	4.8	20	Jun 2, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
3-NITROANILINE	1	ND	UG/L	6.7	50	Jun 2, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/L	15	50	Jun 2, 2002
4-AMINOBIPHENYL	1	ND	UG/L	1.6	50	Jun 2, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLOROANILINE	1	ND	UG/L	7.3	10	Jun 2, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/L	1.5	10	Jun 2, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/L	3.2	20	Jun 2, 2002
4-NITROANILINE	1	ND	UG/L	4.4	50	Jun 2, 2002
4-NITROPHENOL	1	ND	UG/L	7.1	50	Jun 2, 2002
4-NITROQUINOLINE-1-OXIDE	1	ND	UG/L	22	100	Jun 2, 2002
4-PHENYLENEDIAMINE	1	ND	UG/L	17	100	Jun 2, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/L	3.0	20	Jun 2, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/L	1.5	20	Jun 2, 2002
ACENAPHTHENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACENAPHTHYLENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACETOPHENONE	1	ND	UG/L	1.4	10	Jun 2, 2002
ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE	1	ND	UG/L	13	50	Jun 2, 2002
ANILINE	1	ND	UG/L	1.2	10	Jun 2, 2002
ANTHRACENE	1	ND	UG/L	1.2	10	Jun 2, 2002
ARAMITE	1	ND	UG/L	5.3	20	Jun 2, 2002
BENZO(A)ANTHRACENE	1	ND	UG/L	1.3	10	Jun 2, 2002
BENZO(A)PYRENE	1	ND	UG/L	1.9	10	Jun 2, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZO(GHI)PERYLENE	1	ND	UG/L	1.1	10	Jun 2, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZYL ALCOHOL	1	ND	UG/L	3.0	10	Jun 2, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/L	1.4	10	Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-5SW1
Sampling Point: 5SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12MD-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/L	1.8	10	Jun 2, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/L	1.9	10	Jun 2, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/L	1.9	10	Jun 2, 2002
CHLOROBENZILATE	1	ND	UG/L	2.1	10	Jun 2, 2002
CHRYSENE	1	ND	UG/L	1.5	10	Jun 2, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/L	2.1	10	Jun 2, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIALLATE	1	ND	UG/L	2.1	20	Jun 2, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/L	1.6	10	Jun 2, 2002
DIBENZOFURAN	1	ND	UG/L	1.3	10	Jun 2, 2002
DIETHYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIMETHOATE	1	ND	UG/L	1.8	20	Jun 2, 2002
DIMETHYL PHTHALATE	1	ND	UG/L	1.8	10	Jun 2, 2002
DIPHENYLAMINE	1	ND	UG/L	1.4	10	Jun 2, 2002
ETHYL METHANESULFONATE	1	ND	UG/L	2.7	10	Jun 2, 2002
FAMPHUR	1	ND	UG/L	24	200	Jun 2, 2002
FLUORANTHENE	1	ND	UG/L	2.0	10	Jun 2, 2002
FLUORENE	1	ND	UG/L	1.4	10	Jun 2, 2002
HEXACHLOROBENZENE	1	ND	UG/L	1.5	10	Jun 2, 2002
HEXACHLOROBUTADIENE	1	ND	UG/L	3.3	10	Jun 2, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/L	9.1	50	Jun 2, 2002
HEXACHLOROETHANE	1	ND	UG/L	3.0	10	Jun 2, 2002
HEXACHLOROPROPENE	1	ND	UG/L	1.5	100	Jun 2, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/L	1.3	10	Jun 2, 2002
ISODRIN	1	ND	UG/L	2.0	10	Jun 2, 2002
ISOPHORONE	1	ND	UG/L	1.6	10	Jun 2, 2002
ISOSAFROLE	1	ND	UG/L	1.9	20	Jun 2, 2002
METHAPYRILENE	1	ND	UG/L	18	50	Jun 2, 2002
METHYL METHANESULFONATE	1	ND	UG/L	6.0	10	Jun 2, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/L	1.6	10	Jun 2, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/L	1.7	10	Jun 2, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/L	5.3	10	Jun 2, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/L	3.0	10	Jun 2, 2002
N-NITROSOMORPHOLINE	1	ND	UG/L	3.9	10	Jun 2, 2002
N-NITROSOPIPERIDINE	1	ND	UG/L	1.9	10	Jun 2, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/L	2.4	10	Jun 2, 2002
NAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/L	2.4	50	Jun 2, 2002
O-TOLUIDINE	1	ND	UG/L	1.2	10	Jun 2, 2002
PARATHION	1	ND	UG/L	1.5	50	Jun 2, 2002
PENTACHLOROBENZENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PENTACHLOROETHANE	1	ND	UG/L	1.9	50	Jun 2, 2002
PENTACHLORONITROBENZENE	1	ND	UG/L	2.0	50	Jun 2, 2002
PENTACHLOROPHENOL	1	ND	UG/L	7.7	50	Jun 2, 2002
PHENACETIN	1	ND	UG/L	4.2	20	Jun 2, 2002
PHENANTHRENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
PHORATE	1	ND	UG/L	1.8	50	Jun 2, 2002
PRONAMIDE	1	ND	UG/L	1.4	20	Jun 2, 2002
PYRENE	1	ND	UG/L	1.7	10	Jun 2, 2002
PYRIDINE	1	ND	UG/L	12	20	Jun 2, 2002
SAFROLE	1	ND	UG/L	2.0	50	Jun 2, 2002
SULFOTEPP	1	ND	UG/L	2.1	50	Jun 2, 2002
THIONAZIN	1	ND	UG/L	2.2	10	Jun 2, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	82.0	RPR			Jun 2, 2002
2-FLUOROBIPHENYL	1	65.0	RPR			Jun 2, 2002
2-FLUOROPHENOL	1	78.0	RPR			Jun 2, 2002
NITROBENZENE-D5	1	84.0	RPR			Jun 2, 2002
PHENOL-D5	1	83.0	RPR			Jun 2, 2002
TERPHENYL-D14	1	61.0	RPR			Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-5SW1
Sampling Point: 5SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12MD-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: SW3535/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
1,3-DINITROBENZENE	1	ND	UG/L	0.023	0.12	Jun 4, 2002
2,4-DINITROTOLUENE	1	0.35	UG/L	0.026	0.12	Jun 4, 2002
2,6-DINITROTOLUENE	1	0.36	UG/L	0.022	0.12	Jun 4, 2002
2-NITROTOLUENE	1	ND	UG/L	0.026	0.12	Jun 4, 2002
3-NITROTOLUENE	1	ND	UG/L	0.027	0.12	Jun 4, 2002
4-NITROTOLUENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROGLYCERIN	1	ND	UG/L	0.030	0.12	Jun 4, 2002
PETN	1	ND	UG/L	0.051	0.12	Jun 4, 2002
TETRYL	1	ND UJ	UG/L	0.024	0.12	Jun 4, 2002
Surrogates:						
NITROBENZENE-D5	1	79.0 RPR				Jun 4, 2002

Comments:

8270C (BIS(2-ETHYLHEXYL) PHTHALATE): Detected in the method blank at 2.4 ug/L. PQL is 10 ug/L. Sample result was not corrected for the blank.

Qualifiers:

UJ The constituent was analyzed for, but was not detected. The result is an estimate and may be inaccurate or imprecise.

Prep/Method: SW3535/8321						
2,4,6-TRINITROTOLUENE	5	5.1	UG/L	0.10	0.60	Jun 4, 2002
2-AMINO-4,6-DINITROTOLUENE	5	4.9	UG/L	0.18	0.60	Jun 4, 2002
HMX	5	ND	UG/L	0.20	0.60	Jun 4, 2002
RDX	5	ND	UG/L	0.10	0.60	Jun 4, 2002
Prep/Method: SW3535/8321						
4-AMINO-2,6-DINITROTOLUENE	10	9.4	UG/L	0.20	1.2	Jun 5, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-5SW1-DIS
Sampling Point: 5SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12MH-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3005/6010B - TRAC						
ANTIMONY-DISSOLVED	1	ND	UG/L	3.7	10.0	Jun 10, 2002
BARIUM-DISSOLVED	1	40.8	UG/L	1.8	10.0	Jun 10, 2002
BERYLLIUM-DISSOLVED	1	ND	UG/L	0.56	5.0	Jun 10, 2002
CADMIUM-DISSOLVED	1	ND	UG/L	0.30	5.0	Jun 10, 2002
CHROMIUM-DISSOLVED	1	ND	UG/L	0.74	10.0	Jun 10, 2002
COBALT-DISSOLVED	1	ND	UG/L	0.92	10.0	Jun 10, 2002
COPPER-DISSOLVED	1	14.0	UG/L	0.76	10.0	Jun 10, 2002
NICKEL-DISSOLVED	1	2.7 B	UG/L	1.7	40.0	Jun 10, 2002
SILVER-DISSOLVED	1	ND	UG/L	0.54	10.0	Jun 10, 2002
TIN-DISSOLVED	1	ND	UG/L	3.4	100	Jun 10, 2002
VANADIUM-DISSOLVED	1	ND	UG/L	0.61	10.0	Jun 10, 2002
ZINC-DISSOLVED	1	171	UG/L	6.8	20.0	Jun 10, 2002
Prep/Method: 3005/6020						
ARSENIC-DISSOLVED	1	1.7 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD-DISSOLVED	1	5.6	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM-DISSOLVED	1	1.1 B	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM-DISSOLVED	1	0.015 B	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY-DISSOLVED	1	ND	UG/L	0.028	0.20	Jun 5, 2002

Qualifiers:

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-6SD1
Sampling Point: 6SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PW-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 160.3 MOD/160.3 MOD						
PERCENT MOISTURE	1	23.4	%		0.10	May 31, 2002
Prep/Method: 3050B/6010B - TRAC						
ANTIMONY	1	ND	MG/KG	0.57	1.3	Jun 8, 2002
BARIUM	1	9.7	MG/KG	0.44	1.3	Jun 8, 2002
BERYLLIUM	1	ND	MG/KG	0.11	0.65	Jun 8, 2002
CADMIUM	1	ND	MG/KG	0.047	0.65	Jun 8, 2002
CHROMIUM	1	4.2	MG/KG	0.094	1.3	Jun 8, 2002
COBALT	1	2.0	MG/KG	0.094	1.3	Jun 8, 2002
COPPER	1	3.1	MG/KG	0.25	2.6	Jun 8, 2002
NICKEL	1	3.1 B	MG/KG	0.24	5.2	Jun 8, 2002
SILVER	1	0.11 B	MG/KG	0.082	1.3	Jun 8, 2002
TIN	1	1.8 B J	MG/KG	0.40	13.1	Jun 8, 2002
VANADIUM	1	21.1	MG/KG	0.088	1.3	Jun 8, 2002
ZINC	1	10.6	MG/KG	0.69	2.6	Jun 8, 2002
Prep/Method: 3050B/6020						
ARSENIC	1	0.52 B	MG/KG	0.022	0.65	Jun 6, 2002
LEAD	1	2.7 J	MG/KG	0.0055	0.13	Jun 6, 2002
SELENIUM	1	0.13 B	MG/KG	0.064	0.65	Jun 6, 2002
THALLIUM	1	0.042 B	MG/KG	0.0013	0.13	Jun 6, 2002
Prep/Method: 7471A/7471A						
MERCURY	1	ND	MG/KG	0.0033	0.043	Jun 4, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/KG	1.3	6.5	Jun 3, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/KG	1.3	6.5	Jun 3, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/KG	1.4	6.5	Jun 3, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/KG	2.0	6.5	Jun 3, 2002
1,1-DICHLOROETHANE	1	ND	UG/KG	1.3	6.5	Jun 3, 2002
1,1-DICHLOROETHENE	1	ND	UG/KG	1.4	6.5	Jun 3, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/KG	2.0	6.5	Jun 3, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/KG	1.8	13	Jun 3, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/KG	1.2	6.5	Jun 3, 2002
1,2-DICHLOROETHANE	1	3.3 J	UG/KG	1.3	6.5	Jun 3, 2002
1,2-DICHLOROPROPANE	1	ND	UG/KG	1.6	6.5	Jun 3, 2002
1,4-DIOXANE	1	ND	UG/KG	100	650	Jun 3, 2002
2-BUTANONE (MEK)	1	ND	UG/KG	6.1	26	Jun 3, 2002
2-HEXANONE	1	ND	UG/KG	6.0	26	Jun 3, 2002
4-METHYL-2-PENTANONE	1	ND	UG/KG	5.1	26	Jun 3, 2002
ACETONE	1	ND	UG/KG	6.0	26	Jun 3, 2002
ACETONITRILE	1	ND	UG/KG	31	130	Jun 3, 2002
ACROLEIN	1	ND	UG/KG	22	130	Jun 3, 2002
ACRYLONITRILE	1	ND	UG/KG	20	130	Jun 3, 2002
ALLYL CHLORIDE	1	ND	UG/KG	1.2	13	Jun 3, 2002
BENZENE	1	ND	UG/KG	1.2	6.5	Jun 3, 2002
BROMODICHLOROMETHANE	1	ND	UG/KG	1.2	6.5	Jun 3, 2002
BROMOFORM	1	ND	UG/KG	1.2	6.5	Jun 3, 2002
BROMOMETHANE	1	ND	UG/KG	1.6	13	Jun 3, 2002
CARBON DISULFIDE	1	ND	UG/KG	1.2	6.5	Jun 3, 2002
CARBON TETRACHLORIDE	1	ND	UG/KG	1.6	6.5	Jun 3, 2002
CHLOROBENZENE	1	ND	UG/KG	0.98	6.5	Jun 3, 2002
CHLOROETHANE	1	ND	UG/KG	1.7	13	Jun 3, 2002
CHLOROFORM	1	ND	UG/KG	1.2	13	Jun 3, 2002
CHLOROMETHANE	1	ND	UG/KG	2.0	13	Jun 3, 2002
CHLOROPRENE	1	ND	UG/KG	1.1	6.5	Jun 3, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/KG	1.1	3.3	Jun 3, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/KG	1.3	6.5	Jun 3, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/KG	1.2	6.5	Jun 3, 2002
DIBROMOMETHANE	1	ND	UG/KG	1.7	6.5	Jun 3, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/KG	2.1	13	Jun 3, 2002
ETHYL METHACRYLATE	1	ND	UG/KG	1.2	6.5	Jun 3, 2002
ETHYLBENZENE	1	ND	UG/KG	1.6	6.5	Jun 3, 2002
IODOMETHANE	1	ND	UG/KG	1.1	6.5	Jun 3, 2002
ISOBUTYL ALCOHOL	1	ND	UG/KG	55	260	Jun 3, 2002
METHACRYLONITRILE	1	ND	UG/KG	18	65	Jun 3, 2002
METHYL METHACRYLATE	1	ND	UG/KG	1.8	6.5	Jun 3, 2002
METHYLENE CHLORIDE	1	1.7 J B	UG/KG	1.0	6.5	Jun 3, 2002
PROPIONITRILE	1	ND	UG/KG	22	65	Jun 3, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-6SD1
Sampling Point: 6SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PW-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
STYRENE	1	ND	UG/KG	0.86	6.5	Jun 3, 2002
TETRACHLOROETHENE	1	ND	UG/KG	1.3	6.5	Jun 3, 2002
TOLUENE	1	ND	UG/KG	1.0	6.5	Jun 3, 2002
TRANS-1,2-DICHLOROETHENE	1	ND	UG/KG	1.0	3.3	Jun 3, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/KG	1.3	6.5	Jun 3, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/KG	1.4	6.5	Jun 3, 2002
TRICHLOROETHENE	1	ND	UG/KG	1.1	6.5	Jun 3, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/KG	0.67	13	Jun 3, 2002
VINYL ACETATE	1	ND	UG/KG	3.1	13	Jun 3, 2002
VINYL CHLORIDE	1	ND	UG/KG	1.4	6.5	Jun 3, 2002
XYLENES (TOTAL)	1	ND	UG/KG	3.7	6.5	Jun 3, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	111.0 RPR				Jun 3, 2002
4-BROMOFLUOROBENZENE	1	103.0 RPR				Jun 3, 2002
DIBROMOFLUOROMETHANE	1	109.0 RPR				Jun 3, 2002
TOLUENE-D8	1	102.0 RPR				Jun 3, 2002
Prep/Method: 3550/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/KG	44	430	Jun 5, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/KG	84	430	Jun 5, 2002
1,2-DICHLOROBENZENE	1	ND	UG/KG	84	430	Jun 5, 2002
1,3-DICHLOROBENZENE	1	ND	UG/KG	93	430	Jun 5, 2002
1,4-DICHLOROBENZENE	1	ND	UG/KG	72	430	Jun 5, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/KG	43	2100	Jun 5, 2002
1-NAPHTHYLAMINE	1	ND	UG/KG	110	430	Jun 5, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/KG	540	2100	Jun 5, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/KG	98	430	Jun 5, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/KG	65	430	Jun 5, 2002
2,4-DICHLOROPHENOL	1	ND	UG/KG	110	430	Jun 5, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/KG	120	430	Jun 5, 2002
2,4-DINITROPHENOL	1	ND	UG/KG	650	2100	Jun 5, 2002
2,6-DICHLOROPHENOL	1	ND	UG/KG	68	430	Jun 5, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/KG	43	4300	Jun 5, 2002
2-CHLORONAPHTHALENE	1	ND	UG/KG	50	430	Jun 5, 2002
2-CHLOROPHENOL	1	ND	UG/KG	95	430	Jun 5, 2002
2-METHYLNAPHTHALENE	1	ND	UG/KG	77	430	Jun 5, 2002
2-METHYLPHENOL	1	ND	UG/KG	100	430	Jun 5, 2002
2-NAPHTHYLAMINE	1	ND	UG/KG	100	430	Jun 5, 2002
2-NITROANILINE	1	ND	UG/KG	100	2100	Jun 5, 2002
2-NITROPHENOL	1	ND	UG/KG	160	430	Jun 5, 2002
2-PICOLINE	1	ND	UG/KG	63	860	Jun 5, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/KG	91	2100	Jun 5, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/KG	520	860	Jun 5, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/KG	51	860	Jun 5, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/KG	97	430	Jun 5, 2002
3-NITROANILINE	1	ND	UG/KG	110	2100	Jun 5, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/KG	550	2100	Jun 5, 2002
4-AMINOBIPHENYL	1	ND	UG/KG	430	2100	Jun 5, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/KG	93	430	Jun 5, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/KG	120	430	Jun 5, 2002
4-CHLOROANILINE	1	ND	UG/KG	61	430	Jun 5, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/KG	93	430	Jun 5, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/KG	73	860	Jun 5, 2002
4-NITROANILINE	1	ND	UG/KG	84	2100	Jun 5, 2002
4-NITROPHENOL	1	ND	UG/KG	120	2100	Jun 5, 2002
4-PHENYLENEDIAMINE	1	ND	UG/KG	1100	2100	Jun 5, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/KG	77	860	Jun 5, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/KG	65	860	Jun 5, 2002
A,A-DIMETHYLPHENETHYLAMINE	1	ND	UG/KG	430	2100	Jun 5, 2002
ACENAPHTHENE	1	ND	UG/KG	60	430	Jun 5, 2002
ACENAPHTHYLENE	1	ND	UG/KG	44	430	Jun 5, 2002
ACETOPHENONE	1	ND	UG/KG	44	430	Jun 5, 2002
ANILINE	1	ND	UG/KG	74	430	Jun 5, 2002
ANTHRACENE	1	ND	UG/KG	100	430	Jun 5, 2002
ARAMITE	1	ND	UG/KG	56	860	Jun 5, 2002
BENZO(A)ANTHRACENE	1	ND	UG/KG	51	430	Jun 5, 2002
BENZO(A)PYRENE	1	ND	UG/KG	120	430	Jun 5, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/KG	130	430	Jun 5, 2002
BENZO(GHI)PERYLENE	1	ND	UG/KG	91	430	Jun 5, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/KG	120	430	Jun 5, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-6SD1
Sampling Point: 6SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PW-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BENZYL ALCOHOL	1	ND	UG/KG	100	430	Jun 5, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/KG	97	430	Jun 5, 2002
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/KG	64	430	Jun 5, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/KG	90	430	Jun 5, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/KG	90	430	Jun 5, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/KG	44	430	Jun 5, 2002
CHLOROBENZILATE	1	ND	UG/KG	59	430	Jun 5, 2002
CHRYSENE	1	ND	UG/KG	69	430	Jun 5, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/KG	99	430	Jun 5, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/KG	47	430	Jun 5, 2002
DIALLATE	1	ND	UG/KG	67	860	Jun 5, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/KG	61	430	Jun 5, 2002
DIBENZOFURAN	1	ND	UG/KG	110	430	Jun 5, 2002
DIETHYL PHTHALATE	1	ND	UG/KG	69	860	Jun 5, 2002
DIMETHOATE	1	ND	UG/KG	61	860	Jun 5, 2002
DIMETHYL PHTHALATE	1	ND	UG/KG	110	430	Jun 5, 2002
DIPHENYLAMINE	1	ND	UG/KG	68	430	Jun 5, 2002
ETHYL METHANESULFONATE	1	ND	UG/KG	58	430	Jun 5, 2002
FAMPHUR	1	ND	UG/KG	130	860	Jun 5, 2002
FLUORANTHENE	1	ND	UG/KG	110	430	Jun 5, 2002
FLUORENE	1	ND	UG/KG	99	430	Jun 5, 2002
HEXACHLOROBENZENE	1	ND	UG/KG	99	430	Jun 5, 2002
HEXACHLOROBUTADIENE	1	ND	UG/KG	130	430	Jun 5, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/KG	43	2100	Jun 5, 2002
HEXACHLOROETHANE	1	ND	UG/KG	65	430	Jun 5, 2002
HEXACHLOROPROPENE	1	ND	UG/KG	56	4300	Jun 5, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/KG	63	430	Jun 5, 2002
ISODRIN	1	ND	UG/KG	52	430	Jun 5, 2002
ISOPHORONE	1	ND	UG/KG	89	430	Jun 5, 2002
ISOSAFROLE	1	ND	UG/KG	48	860	Jun 5, 2002
METHAPYRILENE	1	ND	UG/KG	54	2100	Jun 5, 2002
METHYL METHANESULFONATE	1	ND	UG/KG	69	430	Jun 5, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/KG	73	430	Jun 5, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/KG	110	430	Jun 5, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/KG	61	430	Jun 5, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/KG	77	430	Jun 5, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/KG	94	430	Jun 5, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/KG	52	430	Jun 5, 2002
N-NITROSOMORPHOLINE	1	ND	UG/KG	69	430	Jun 5, 2002
N-NITROSOPIPERIDINE	1	ND	UG/KG	90	430	Jun 5, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/KG	56	430	Jun 5, 2002
NAPHTHALENE	1	ND	UG/KG	91	430	Jun 5, 2002
NITROQUINOLINE-1-OXIDE	1	ND	UG/KG	930	4300	Jun 5, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/KG	68	2100	Jun 5, 2002
O-TOLUIDINE	1	ND	UG/KG	130	860	Jun 5, 2002
PARATHION	1	ND	UG/KG	61	2100	Jun 5, 2002
PENTACHLOROBENZENE	1	ND	UG/KG	52	430	Jun 5, 2002
PENTACHLOROETHANE	1	ND	UG/KG	67	2100	Jun 5, 2002
PENTACHLORONITROBENZENE	1	ND	UG/KG	73	2100	Jun 5, 2002
PENTACHLOROPHENOL	1	ND	UG/KG	480	2100	Jun 5, 2002
PHENACETIN	1	ND	UG/KG	64	860	Jun 5, 2002
PHENANTHRENE	1	ND	UG/KG	48	430	Jun 5, 2002
PHENOL	1	ND	UG/KG	93	430	Jun 5, 2002
PHORATE	1	ND	UG/KG	54	2100	Jun 5, 2002
PRONAMIDE	1	ND	UG/KG	65	860	Jun 5, 2002
PYRENE	1	ND	UG/KG	52	430	Jun 5, 2002
PYRIDINE	1	ND	UG/KG	520	860	Jun 5, 2002
SAFROLE	1	ND	UG/KG	64	2100	Jun 5, 2002
SULFOTEPP	1	ND	UG/KG	63	1300	Jun 5, 2002
THIONAZIN	1	ND	UG/KG	81	2100	Jun 5, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	47.0 RPR				Jun 5, 2002
2-FLUOROBIPHENYL	1	53.0 RPR				Jun 5, 2002
2-FLUOROPHENOL	1	55.0 RPR				Jun 5, 2002
NITROBENZENE-D5	1	59.0 RPR				Jun 5, 2002
PHENOL-D5	1	55.0 RPR				Jun 5, 2002
TERPHENYL-D14	1	48.0 RPR				Jun 5, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-6SD1
Sampling Point: 6SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12PW-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3550/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/KG	12	160	Jun 5, 2002
1,3-DINITROBENZENE	1	ND	UG/KG	16	160	Jun 5, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/KG	10	160	Jun 5, 2002
2,4-DINITROTOLUENE	1	ND	UG/KG	10	160	Jun 5, 2002
2,6-DINITROTOLUENE	1	ND	UG/KG	12	160	Jun 5, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/KG	35	160	Jun 5, 2002
2-NITROTOLUENE	1	ND	UG/KG	20	160	Jun 5, 2002
3-NITROTOLUENE	1	ND	UG/KG	14	160	Jun 5, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND	UG/KG	9.7	160	Jun 5, 2002
4-NITROTOLUENE	1	ND	UG/KG	35	160	Jun 5, 2002
HMX	1	ND	UG/KG	11	160	Jun 5, 2002
NITROBENZENE	1	ND	UG/KG	29	160	Jun 5, 2002
NITROGLYCERIN	1	ND	UG/KG	220	650	Jun 5, 2002
PETN	1	ND	UG/KG	180	650	Jun 5, 2002
RDX	1	ND	UG/KG	9.8	160	Jun 5, 2002
TETRYL	1	ND	UG/KG	29	160	Jun 5, 2002
Surrogates:						
NITROBENZENE-D5	1	85.0 RPR				Jun 5, 2002

Comments:

6010B - TRAC (TIN): Detected in the method blank at 1.9 mg/kg. PQL is 10.0 mg/kg. Sample result was not corrected for the blank.
6020 (LEAD): Detected in the method blank at 0.0093 mg/kg. PQL is 0.10 mg/kg. Sample result was not corrected for the blank.
8260B (METHYLENE CHLORIDE): Detected in the method blank at 1.2 ug/kg. PQL is 5.0 ug/kg. Sample result was not corrected for the blank.
ALL RESULTS AND LIMITS ARE REPORTED ON A DRY WEIGHT BASIS

Qualifiers:

J The result is between MDL and PQL and should be considered an estimate.

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-6SD1-DUP
Sampling Point: 6SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12P1-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 160.3 MOD/160.3 MOD						
PERCENT MOISTURE	1	21.5	%		0.10	May 31, 2002
Prep/Method: 3050B/6010B - TRAC						
ANTIMONY	1	ND	MG/KG	0.56	1.3	Jun 8, 2002
BARIUM	1	10.3	MG/KG	0.43	1.3	Jun 8, 2002
BERYLLIUM	1	ND	MG/KG	0.11	0.64	Jun 8, 2002
CADMIUM	1	ND	MG/KG	0.046	0.64	Jun 8, 2002
CHROMIUM	1	4.6	MG/KG	0.092	1.3	Jun 8, 2002
COBALT	1	2.2	MG/KG	0.092	1.3	Jun 8, 2002
COPPER	1	2.8	MG/KG	0.24	2.5	Jun 8, 2002
NICKEL	1	3.3 B	MG/KG	0.23	5.1	Jun 8, 2002
SILVER	1	0.10 B	MG/KG	0.080	1.3	Jun 8, 2002
TIN	1	1.8 B J	MG/KG	0.40	12.7	Jun 8, 2002
VANADIUM	1	24.8	MG/KG	0.085	1.3	Jun 8, 2002
ZINC	1	11.2	MG/KG	0.68	2.5	Jun 8, 2002
Prep/Method: 3050B/6020						
ARSENIC	1	0.61 B	MG/KG	0.022	0.64	Jun 6, 2002
LEAD	1	2.7 J	MG/KG	0.0054	0.13	Jun 6, 2002
SELENIUM	1	0.15 B	MG/KG	0.062	0.64	Jun 6, 2002
THALLIUM	1	0.013 B	MG/KG	0.0013	0.13	Jun 6, 2002
Prep/Method: 7471A/7471A						
MERCURY	1	ND	MG/KG	0.0032	0.042	Jun 4, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/KG	1.2	6.4	Jun 3, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/KG	1.2	6.4	Jun 3, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/KG	1.4	6.4	Jun 3, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/KG	1.9	6.4	Jun 3, 2002
1,1-DICHLOROETHANE	1	ND	UG/KG	1.2	6.4	Jun 3, 2002
1,1-DICHLOROETHENE	1	ND	UG/KG	1.4	6.4	Jun 3, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/KG	1.9	6.4	Jun 3, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/KG	1.8	13	Jun 3, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/KG	1.2	6.4	Jun 3, 2002
1,2-DICHLOROETHANE	1	2.7 J	UG/KG	1.3	6.4	Jun 3, 2002
1,2-DICHLOROPROPANE	1	ND	UG/KG	1.5	6.4	Jun 3, 2002
1,4-DIOXANE	1	ND	UG/KG	100	640	Jun 3, 2002
2-BUTANONE (MEK)	1	ND	UG/KG	6.0	25	Jun 3, 2002
2-HEXANONE	1	ND	UG/KG	5.9	25	Jun 3, 2002
4-METHYL-2-PENTANONE	1	ND	UG/KG	5.0	25	Jun 3, 2002
ACETONE	1	ND	UG/KG	5.9	25	Jun 3, 2002
ACETONITRILE	1	ND	UG/KG	31	130	Jun 3, 2002
ACROLEIN	1	ND	UG/KG	22	130	Jun 3, 2002
ACRYLONITRILE	1	ND	UG/KG	19	130	Jun 3, 2002
ALLYL CHLORIDE	1	ND	UG/KG	1.2	13	Jun 3, 2002
BENZENE	1	ND	UG/KG	1.1	6.4	Jun 3, 2002
BROMODICHLOROMETHANE	1	ND	UG/KG	1.2	6.4	Jun 3, 2002
BROMOFORM	1	ND	UG/KG	1.2	6.4	Jun 3, 2002
BROMOMETHANE	1	ND	UG/KG	1.5	13	Jun 3, 2002
CARBON DISULFIDE	1	ND	UG/KG	1.2	6.4	Jun 3, 2002
CARBON TETRACHLORIDE	1	ND	UG/KG	1.5	6.4	Jun 3, 2002
CHLOROBENZENE	1	ND	UG/KG	0.96	6.4	Jun 3, 2002
CHLOROETHANE	1	ND	UG/KG	1.7	13	Jun 3, 2002
CHLOROFORM	1	ND	UG/KG	1.1	13	Jun 3, 2002
CHLOROMETHANE	1	ND	UG/KG	1.9	13	Jun 3, 2002
CHLOROPRENE	1	ND	UG/KG	1.1	6.4	Jun 3, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/KG	1.1	3.2	Jun 3, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/KG	1.2	6.4	Jun 3, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/KG	1.1	6.4	Jun 3, 2002
DIBROMOMETHANE	1	ND	UG/KG	1.7	6.4	Jun 3, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/KG	2.0	13	Jun 3, 2002
ETHYL METHACRYLATE	1	ND	UG/KG	1.2	6.4	Jun 3, 2002
ETHYLBENZENE	1	ND	UG/KG	1.5	6.4	Jun 3, 2002
IODOMETHANE	1	ND	UG/KG	1.1	6.4	Jun 3, 2002
ISOBUTYL ALCOHOL	1	ND	UG/KG	54	250	Jun 3, 2002
METHACRYLONITRILE	1	ND	UG/KG	18	64	Jun 3, 2002
METHYL METHACRYLATE	1	ND	UG/KG	1.8	6.4	Jun 3, 2002
METHYLENE CHLORIDE	1	1.3 J B	UG/KG	1.0	6.4	Jun 3, 2002
PROPIONITRILE	1	ND	UG/KG	22	64	Jun 3, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-6SD1-DUP
Sampling Point: 6SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12P1-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
STYRENE	1	ND	UG/KG	0.84	6.4	Jun 3, 2002
TETRACHLOROETHENE	1	ND	UG/KG	1.3	6.4	Jun 3, 2002
TOLUENE	1	ND	UG/KG	0.99	6.4	Jun 3, 2002
TRANS-1,2-DICHLOROETHENE	1	ND	UG/KG	1.0	3.2	Jun 3, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/KG	1.3	6.4	Jun 3, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/KG	1.4	6.4	Jun 3, 2002
TRICHLOROETHENE	1	ND	UG/KG	1.1	6.4	Jun 3, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/KG	0.65	13	Jun 3, 2002
VINYL ACETATE	1	ND	UG/KG	3.1	13	Jun 3, 2002
VINYL CHLORIDE	1	ND	UG/KG	1.4	6.4	Jun 3, 2002
XYLENES (TOTAL)	1	ND	UG/KG	3.6	6.4	Jun 3, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	113.0 RPR				Jun 3, 2002
4-BROMOFLUOROBENZENE	1	106.0 RPR				Jun 3, 2002
DIBROMOFLUOROMETHANE	1	111.0 RPR				Jun 3, 2002
TOLUENE-D8	1	104.0 RPR				Jun 3, 2002
Prep/Method: 3550/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/KG	43	420	Jun 5, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/KG	82	420	Jun 5, 2002
1,2-DICHLOROBENZENE	1	ND	UG/KG	82	420	Jun 5, 2002
1,3-DICHLOROBENZENE	1	ND	UG/KG	90	420	Jun 5, 2002
1,4-DICHLOROBENZENE	1	ND	UG/KG	70	420	Jun 5, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/KG	42	2000	Jun 5, 2002
1-NAPHTHYLAMINE	1	ND	UG/KG	110	420	Jun 5, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/KG	520	2000	Jun 5, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/KG	96	420	Jun 5, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/KG	64	420	Jun 5, 2002
2,4-DICHLOROPHENOL	1	ND	UG/KG	110	420	Jun 5, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/KG	120	420	Jun 5, 2002
2,4-DINITROPHENOL	1	ND	UG/KG	640	2000	Jun 5, 2002
2,6-DICHLOROPHENOL	1	ND	UG/KG	66	420	Jun 5, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/KG	42	4200	Jun 5, 2002
2-CHLORONAPHTHALENE	1	ND	UG/KG	48	420	Jun 5, 2002
2-CHLOROPHENOL	1	ND	UG/KG	93	420	Jun 5, 2002
2-METHYLNAPHTHALENE	1	ND	UG/KG	75	420	Jun 5, 2002
2-METHYLPHENOL	1	ND	UG/KG	98	420	Jun 5, 2002
2-NAPHTHYLAMINE	1	ND	UG/KG	99	420	Jun 5, 2002
2-NITROANILINE	1	ND	UG/KG	100	2000	Jun 5, 2002
2-NITROPHENOL	1	ND	UG/KG	150	420	Jun 5, 2002
2-PICOLINE	1	ND	UG/KG	61	840	Jun 5, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/KG	89	2000	Jun 5, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/KG	510	840	Jun 5, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/KG	50	840	Jun 5, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/KG	94	420	Jun 5, 2002
3-NITROANILINE	1	ND	UG/KG	110	2000	Jun 5, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/KG	540	2000	Jun 5, 2002
4-AMINOBIPHENYL	1	ND	UG/KG	420	2000	Jun 5, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/KG	90	420	Jun 5, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/KG	120	420	Jun 5, 2002
4-CHLOROANILINE	1	ND	UG/KG	60	420	Jun 5, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/KG	90	420	Jun 5, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/KG	71	840	Jun 5, 2002
4-NITROANILINE	1	ND	UG/KG	82	2000	Jun 5, 2002
4-NITROPHENOL	1	ND	UG/KG	120	2000	Jun 5, 2002
4-PHENYLENEDIAMINE	1	ND	UG/KG	1100	2000	Jun 5, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/KG	75	840	Jun 5, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/KG	64	840	Jun 5, 2002
A,A-DIMETHYLPHENETHYLAMINE	1	ND	UG/KG	420	2000	Jun 5, 2002
ACENAPHTHENE	1	ND	UG/KG	59	420	Jun 5, 2002
ACENAPHTHYLENE	1	ND	UG/KG	43	420	Jun 5, 2002
ACETOPHENONE	1	ND	UG/KG	43	420	Jun 5, 2002
ANILINE	1	ND	UG/KG	73	420	Jun 5, 2002
ANTHRACENE	1	ND	UG/KG	99	420	Jun 5, 2002
ARAMITE	1	ND	UG/KG	55	840	Jun 5, 2002
BENZO(A)ANTHRACENE	1	ND	UG/KG	50	420	Jun 5, 2002
BENZO(A)PYRENE	1	ND	UG/KG	120	420	Jun 5, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/KG	130	420	Jun 5, 2002
BENZO(GHI)PERYLENE	1	ND	UG/KG	89	420	Jun 5, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/KG	120	420	Jun 5, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-6SD1-DUP
Sampling Point: 6SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12P1-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BENZYL ALCOHOL	1	ND	UG/KG	98	420	Jun 5, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/KG	94	420	Jun 5, 2002
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/KG	62	420	Jun 5, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/KG	88	420	Jun 5, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/KG	88	420	Jun 5, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/KG	43	420	Jun 5, 2002
CHLOROBENZILATE	1	ND	UG/KG	57	420	Jun 5, 2002
CHRYSENE	1	ND	UG/KG	68	420	Jun 5, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/KG	97	420	Jun 5, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/KG	46	420	Jun 5, 2002
DIALLATE	1	ND	UG/KG	65	840	Jun 5, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/KG	60	420	Jun 5, 2002
DIBENZOFURAN	1	ND	UG/KG	100	420	Jun 5, 2002
DIETHYL PHTHALATE	1	ND	UG/KG	68	840	Jun 5, 2002
DIMETHOATE	1	ND	UG/KG	60	840	Jun 5, 2002
DIMETHYL PHTHALATE	1	ND	UG/KG	110	420	Jun 5, 2002
DIPHENYLAMINE	1	ND	UG/KG	66	420	Jun 5, 2002
ETHYL METHANESULFONATE	1	ND	UG/KG	57	420	Jun 5, 2002
FAMPHUR	1	ND	UG/KG	130	840	Jun 5, 2002
FLUORANTHENE	1	ND	UG/KG	110	420	Jun 5, 2002
FLUORENE	1	ND	UG/KG	97	420	Jun 5, 2002
HEXACHLOROBENZENE	1	ND	UG/KG	97	420	Jun 5, 2002
HEXACHLOROBUTADIENE	1	ND	UG/KG	130	420	Jun 5, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/KG	42	2000	Jun 5, 2002
HEXACHLOROETHANE	1	ND	UG/KG	64	420	Jun 5, 2002
HEXACHLOROPROPENE	1	ND	UG/KG	55	4200	Jun 5, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/KG	61	420	Jun 5, 2002
ISODRIN	1	ND	UG/KG	51	420	Jun 5, 2002
ISOPHORONE	1	ND	UG/KG	87	420	Jun 5, 2002
ISOSAFROLE	1	ND	UG/KG	47	840	Jun 5, 2002
METHAPYRILENE	1	ND	UG/KG	52	2000	Jun 5, 2002
METHYL METHANESULFONATE	1	ND	UG/KG	68	420	Jun 5, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/KG	71	420	Jun 5, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/KG	110	420	Jun 5, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/KG	60	420	Jun 5, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/KG	75	420	Jun 5, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/KG	92	420	Jun 5, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/KG	51	420	Jun 5, 2002
N-NITROSOMORPHOLINE	1	ND	UG/KG	67	420	Jun 5, 2002
N-NITROSOPIPERIDINE	1	ND	UG/KG	88	420	Jun 5, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/KG	55	420	Jun 5, 2002
NAPHTHALENE	1	ND	UG/KG	89	420	Jun 5, 2002
NITROQUINOLINE-1-OXIDE	1	ND	UG/KG	900	4200	Jun 5, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/KG	66	2000	Jun 5, 2002
O-TOLUIDINE	1	ND	UG/KG	130	840	Jun 5, 2002
PARATHION	1	ND	UG/KG	60	2000	Jun 5, 2002
PENTACHLOROBENZENE	1	ND	UG/KG	51	420	Jun 5, 2002
PENTACHLOROETHANE	1	ND	UG/KG	65	2000	Jun 5, 2002
PENTACHLORONITROBENZENE	1	ND	UG/KG	71	2000	Jun 5, 2002
PENTACHLOROPHENOL	1	ND	UG/KG	470	2000	Jun 5, 2002
PHENACETIN	1	ND	UG/KG	62	840	Jun 5, 2002
PHENANTHRENE	1	ND	UG/KG	47	420	Jun 5, 2002
PHENOL	1	ND	UG/KG	90	420	Jun 5, 2002
PHORATE	1	ND	UG/KG	52	2000	Jun 5, 2002
PRONAMIDE	1	ND	UG/KG	64	840	Jun 5, 2002
PYRENE	1	ND	UG/KG	51	420	Jun 5, 2002
PYRIDINE	1	ND	UG/KG	510	840	Jun 5, 2002
SAFROLE	1	ND	UG/KG	62	2000	Jun 5, 2002
SULFOTEPP	1	ND	UG/KG	61	1300	Jun 5, 2002
THIONAZIN	1	ND	UG/KG	79	2000	Jun 5, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	61.0 RPR	Jun 5, 2002
2-FLUOROBIPHENYL	1	64.0 RPR	Jun 5, 2002
2-FLUOROPHENOL	1	65.0 RPR	Jun 5, 2002
NITROBENZENE-D5	1	73.0 RPR	Jun 5, 2002
PHENOL-D5	1	67.0 RPR	Jun 5, 2002
TERPHENYL-D14	1	72.0 RPR	Jun 5, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-6SD1-DUP
Sampling Point: 6SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12P1-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3550/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/KG	12	150	Jun 5, 2002
1,3-DINITROBENZENE	1	ND	UG/KG	15	150	Jun 5, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/KG	9.9	150	Jun 5, 2002
2,4-DINITROTOLUENE	1	ND	UG/KG	10	150	Jun 5, 2002
2,6-DINITROTOLUENE	1	ND	UG/KG	12	150	Jun 5, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/KG	34	150	Jun 5, 2002
2-NITROTOLUENE	1	ND	UG/KG	19	150	Jun 5, 2002
3-NITROTOLUENE	1	ND	UG/KG	14	150	Jun 5, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND	UG/KG	9.4	150	Jun 5, 2002
4-NITROTOLUENE	1	ND	UG/KG	34	150	Jun 5, 2002
HMX	1	ND	UG/KG	10	150	Jun 5, 2002
NITROBENZENE	1	ND	UG/KG	28	150	Jun 5, 2002
NITROGLYCERIN	1	ND	UG/KG	220	640	Jun 5, 2002
PETN	1	ND	UG/KG	180	640	Jun 5, 2002
RDX	1	ND	UG/KG	9.6	150	Jun 5, 2002
TETRYL	1	ND	UG/KG	28	150	Jun 5, 2002
Surrogates:						
NITROBENZENE-D5	1	79.0 RPR				Jun 5, 2002

Comments:

6010B - TRAC (TIN): Detected in the method blank at 1.9 mg/kg. PQL is 10.0 mg/kg. Sample result was not corrected for the blank.
6020 (LEAD): Detected in the method blank at 0.0093 mg/kg. PQL is 0.10 mg/kg. Sample result was not corrected for the blank.
8260B (METHYLENE CHLORIDE): Detected in the method blank at 1.2 ug/kg. PQL is 5.0 ug/kg. Sample result was not corrected for the blank.
ALL RESULTS AND LIMITS ARE REPORTED ON A DRY WEIGHT BASIS

Qualifiers:

J The result is between MDL and PQL and should be considered an estimate.

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-6SW1
Sampling Point: 6SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12MQ-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3010A/6010B - TRAC						
ANTIMONY	1	ND	UG/L	3.7	10.0	Jun 4, 2002
BARIUM	1	37.0	UG/L	1.8	10.0	Jun 4, 2002
BERYLLIUM	1	ND	UG/L	0.56	5.0	Jun 4, 2002
CADMIUM	1	ND	UG/L	0.30	5.0	Jun 4, 2002
CHROMIUM	1	0.88 B	UG/L	0.74	10.0	Jun 4, 2002
COBALT	1	ND	UG/L	0.92	10.0	Jun 4, 2002
COPPER	1	3.1 B	UG/L	0.76	10.0	Jun 4, 2002
NICKEL	1	ND	UG/L	1.7	40.0	Jun 4, 2002
SILVER	1	ND	UG/L	0.54	10.0	Jun 4, 2002
TIN	1	ND	UG/L	3.4	100	Jun 4, 2002
VANADIUM	1	3.1 B	UG/L	0.61	10.0	Jun 4, 2002
ZINC	1	15.3 B	UG/L	6.8	20.0	Jun 4, 2002
Prep/Method: 3010/6020						
ARSENIC	1	0.62 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD	1	1.3	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM	1	0.19 B	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM	1	0.018 B	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY	1	ND	UG/L	0.028	0.20	Jun 5, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/L	0.28	1.0	May 31, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/L	0.32	1.0	May 31, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/L	0.50	1.0	May 31, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/L	0.41	1.0	May 31, 2002
1,1-DICHLOROETHANE	1	ND	UG/L	0.29	1.0	May 31, 2002
1,1-DICHLOROETHENE	1	ND	UG/L	0.31	1.0	May 31, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/L	0.76	1.0	May 31, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/L	0.49	2.0	May 31, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/L	0.46	1.0	May 31, 2002
1,2-DICHLOROETHANE	1	ND	UG/L	0.43	1.0	May 31, 2002
1,2-DICHLOROPROPANE	1	ND	UG/L	0.38	1.0	May 31, 2002
1,4-DIOXANE	1	ND	UG/L	36	200	May 31, 2002
2-BUTANONE (MEK)	1	ND	UG/L	2.4	5.0	May 31, 2002
2-HEXANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
4-METHYL-2-PENTANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
ACETONE	1	3.4 J	UG/L	2.9	10	May 31, 2002
ACETONITRILE	1	ND	UG/L	15	20	May 31, 2002
ACROLEIN	1	ND	UG/L	4.7	20	May 31, 2002
ACRYLONITRILE	1	ND	UG/L	4.9	20	May 31, 2002
ALLYL CHLORIDE	1	ND	UG/L	0.64	2.0	May 31, 2002
BENZENE	1	ND	UG/L	0.27	1.0	May 31, 2002
BROMODICHLOROMETHANE	1	ND	UG/L	0.35	1.0	May 31, 2002
BROMOFORM	1	ND	UG/L	0.46	1.0	May 31, 2002
BROMOMETHANE	1	ND	UG/L	0.28	2.0	May 31, 2002
CARBON DISULFIDE	1	ND	UG/L	0.67	1.0	May 31, 2002
CARBON TETRACHLORIDE	1	ND	UG/L	0.35	1.0	May 31, 2002
CHLOROBENZENE	1	ND	UG/L	0.24	1.0	May 31, 2002
CHLOROETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROFORM	1	ND	UG/L	0.29	1.0	May 31, 2002
CHLOROMETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROPRENE	1	ND	UG/L	0.35	1.0	May 31, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/L	0.33	1.0	May 31, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.31	1.0	May 31, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/L	0.37	1.0	May 31, 2002
DIBROMOMETHANE	1	ND	UG/L	0.40	1.0	May 31, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/L	0.44	2.0	May 31, 2002
ETHYL METHACRYLATE	1	ND	UG/L	0.79	1.0	May 31, 2002
ETHYLBENZENE	1	ND	UG/L	0.51	1.0	May 31, 2002
IODOMETHANE	1	ND	UG/L	0.42	1.0	May 31, 2002
ISOBUTYL ALCOHOL	1	ND	UG/L	26	50	May 31, 2002
METHACRYLONITRILE	1	ND	UG/L	4.7	10	May 31, 2002
METHYL METHACRYLATE	1	ND	UG/L	0.81	1.0	May 31, 2002
METHYLENE CHLORIDE	1	ND	UG/L	0.86	1.0	May 31, 2002
PROPIONITRILE	1	ND	UG/L	8.2	10	May 31, 2002
STYRENE	1	ND	UG/L	0.28	1.0	May 31, 2002
TETRACHLOROETHENE	1	ND	UG/L	0.27	1.0	May 31, 2002
TOLUENE	1	ND	UG/L	0.26	1.0	May 31, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-6SW1
Sampling Point: 6SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12MQ-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
TRANS-1,2-DICHLOROETHENE	1	ND	UG/L	0.25	0.50	May 31, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.36	1.0	May 31, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/L	0.70	1.0	May 31, 2002
TRICHLOROETHENE	1	ND	UG/L	0.24	1.0	May 31, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/L	0.43	2.0	May 31, 2002
VINYL ACETATE	1	ND	UG/L	0.91	2.0	May 31, 2002
VINYL CHLORIDE	1	ND	UG/L	0.26	1.0	May 31, 2002
XYLENES (TOTAL)	1	ND	UG/L	0.73	2.0	May 31, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	104.0 RPR				May 31, 2002
4-BROMOFLUOROBENZENE	1	101.0 RPR				May 31, 2002
DIBROMOFLUOROMETHANE	1	102.0 RPR				May 31, 2002
TOLUENE-D8	1	103.0 RPR				May 31, 2002
Prep/Method: 3520C/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/L	1.8	10	Jun 2, 2002
1,2-DICHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,3-DICHLOROBENZENE	1	ND	UG/L	2.5	10	Jun 2, 2002
1,4-DICHLOROBENZENE	1	ND	UG/L	2.2	10	Jun 2, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/L	1.8	50	Jun 2, 2002
1-NAPHTHYLAMINE	1	ND	UG/L	3.3	10	Jun 2, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/L	2.2	50	Jun 2, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4-DICHLOROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2,4-DINITROPHENOL	1	ND	UG/L	16	50	Jun 2, 2002
2,6-DICHLOROPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/L	1.8	100	Jun 2, 2002
2-CHLORONAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
2-CHLOROPHENOL	1	ND	UG/L	1.5	10	Jun 2, 2002
2-METHYLNAPHTHALENE	1	ND	UG/L	1.9	10	Jun 2, 2002
2-METHYLPHENOL	1	ND	UG/L	1.6	10	Jun 2, 2002
2-NAPHTHYLAMINE	1	ND	UG/L	2.6	10	Jun 2, 2002
2-NITROANILINE	1	ND	UG/L	1.6	50	Jun 2, 2002
2-NITROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2-PICOLINE	1	ND	UG/L	1.2	20	Jun 2, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/L	16	50	Jun 2, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/L	10	20	Jun 2, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/L	4.8	20	Jun 2, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
3-NITROANILINE	1	ND	UG/L	6.7	50	Jun 2, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/L	15	50	Jun 2, 2002
4-AMINOBIPHENYL	1	ND	UG/L	1.6	50	Jun 2, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLOROANILINE	1	ND	UG/L	7.3	10	Jun 2, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/L	1.5	10	Jun 2, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/L	3.2	20	Jun 2, 2002
4-NITROANILINE	1	ND	UG/L	4.4	50	Jun 2, 2002
4-NITROPHENOL	1	ND	UG/L	7.1	50	Jun 2, 2002
4-NITROQUINOLINE-1-OXIDE	1	ND	UG/L	22	100	Jun 2, 2002
4-PHENYLENEDIAMINE	1	ND	UG/L	17	100	Jun 2, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/L	3.0	20	Jun 2, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/L	1.5	20	Jun 2, 2002
ACENAPHTHENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACENAPHTHYLENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACETOPHENONE	1	ND	UG/L	1.4	10	Jun 2, 2002
ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE	1	ND	UG/L	13	50	Jun 2, 2002
ANILINE	1	ND	UG/L	1.2	10	Jun 2, 2002
ANTHRACENE	1	ND	UG/L	1.2	10	Jun 2, 2002
ARAMITE	1	ND	UG/L	5.3	20	Jun 2, 2002
BENZO(A)ANTHRACENE	1	ND	UG/L	1.3	10	Jun 2, 2002
BENZO(A)PYRENE	1	ND	UG/L	1.9	10	Jun 2, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZO(GHI)PERYLENE	1	ND	UG/L	1.1	10	Jun 2, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZYL ALCOHOL	1	ND	UG/L	3.0	10	Jun 2, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/L	1.4	10	Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-6SW1
Sampling Point: 6SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12MQ-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/L	1.8	10	Jun 2, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/L	1.9	10	Jun 2, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/L	1.9	10	Jun 2, 2002
CHLOROBENZILATE	1	ND	UG/L	2.1	10	Jun 2, 2002
CHRYSENE	1	ND	UG/L	1.5	10	Jun 2, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/L	2.1	10	Jun 2, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIALLATE	1	ND	UG/L	2.1	20	Jun 2, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/L	1.6	10	Jun 2, 2002
DIBENZOFURAN	1	ND	UG/L	1.3	10	Jun 2, 2002
DIETHYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIMETHOATE	1	ND	UG/L	1.8	20	Jun 2, 2002
DIMETHYL PHTHALATE	1	ND	UG/L	1.8	10	Jun 2, 2002
DIPHENYLAMINE	1	ND	UG/L	1.4	10	Jun 2, 2002
ETHYL METHANESULFONATE	1	ND	UG/L	2.7	10	Jun 2, 2002
FAMPHUR	1	ND	UG/L	24	200	Jun 2, 2002
FLUORANTHENE	1	ND	UG/L	2.0	10	Jun 2, 2002
FLUORENE	1	ND	UG/L	1.4	10	Jun 2, 2002
HEXACHLOROBENZENE	1	ND	UG/L	1.5	10	Jun 2, 2002
HEXACHLOROBUTADIENE	1	ND	UG/L	3.3	10	Jun 2, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/L	9.1	50	Jun 2, 2002
HEXACHLOROETHANE	1	ND	UG/L	3.0	10	Jun 2, 2002
HEXACHLOROPROPENE	1	ND	UG/L	1.5	100	Jun 2, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/L	1.3	10	Jun 2, 2002
ISODRIN	1	ND	UG/L	2.0	10	Jun 2, 2002
ISOPHORONE	1	ND	UG/L	1.6	10	Jun 2, 2002
ISOSAFROLE	1	ND	UG/L	1.9	20	Jun 2, 2002
METHAPYRILENE	1	ND	UG/L	18	50	Jun 2, 2002
METHYL METHANESULFONATE	1	ND	UG/L	6.0	10	Jun 2, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/L	1.6	10	Jun 2, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/L	1.7	10	Jun 2, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/L	5.3	10	Jun 2, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/L	3.0	10	Jun 2, 2002
N-NITROSOMORPHOLINE	1	ND	UG/L	3.9	10	Jun 2, 2002
N-NITROSOPIPERIDINE	1	ND	UG/L	1.9	10	Jun 2, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/L	2.4	10	Jun 2, 2002
NAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/L	2.4	50	Jun 2, 2002
O-TOLUIDINE	1	ND	UG/L	1.2	10	Jun 2, 2002
PARATHION	1	ND	UG/L	1.5	50	Jun 2, 2002
PENTACHLOROBENZENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PENTACHLOROETHANE	1	ND	UG/L	1.9	50	Jun 2, 2002
PENTACHLORONITROBENZENE	1	ND	UG/L	2.0	50	Jun 2, 2002
PENTACHLOROPHENOL	1	ND	UG/L	7.7	50	Jun 2, 2002
PHENACETIN	1	ND	UG/L	4.2	20	Jun 2, 2002
PHENANTHRENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
PHORATE	1	ND	UG/L	1.8	50	Jun 2, 2002
PRONAMIDE	1	ND	UG/L	1.4	20	Jun 2, 2002
PYRENE	1	ND	UG/L	1.7	10	Jun 2, 2002
PYRIDINE	1	ND	UG/L	12	20	Jun 2, 2002
SAFROLE	1	ND	UG/L	2.0	50	Jun 2, 2002
SULFOTEPP	1	ND	UG/L	2.1	50	Jun 2, 2002
THIONAZIN	1	ND	UG/L	2.2	10	Jun 2, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	80.0 RPR				Jun 2, 2002
2-FLUOROBIPHENYL	1	78.0 RPR				Jun 2, 2002
2-FLUOROPHENOL	1	76.0 RPR				Jun 2, 2002
NITROBENZENE-D5	1	80.0 RPR				Jun 2, 2002
PHENOL-D5	1	76.0 RPR				Jun 2, 2002
TERPHENYL-D14	1	55.0 RPR				Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-6SW1
Sampling Point: 6SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12MQ-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: SW3535/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
1,3-DINITROBENZENE	1	ND	UG/L	0.023	0.12	Jun 4, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/L	0.021	0.12	Jun 4, 2002
2,4-DINITROTOLUENE	1	0.23	UG/L	0.026	0.12	Jun 4, 2002
2,6-DINITROTOLUENE	1	0.20	UG/L	0.022	0.12	Jun 4, 2002
2-AMINO-4,6-DINITROTOLUENE	1	0.80	UG/L	0.036	0.12	Jun 4, 2002
2-NITROTOLUENE	1	0.091 J	UG/L	0.026	0.12	Jun 4, 2002
3-NITROTOLUENE	1	ND	UG/L	0.027	0.12	Jun 4, 2002
4-NITROTOLUENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROGLYCERIN	1	ND	UG/L	0.030	0.12	Jun 4, 2002
PETN	1	ND	UG/L	0.051	0.12	Jun 4, 2002
TETRYL	1	ND UJ	UG/L	0.024	0.12	Jun 4, 2002
Surrogates:						
NITROBENZENE-D5	1	72.0 RPR				Jun 4, 2002

Comments:

8270C (BIS(2-ETHYLHEXYL) PHTHALATE): Detected in the method blank at 2.4 ug/L. PQL is 10 ug/L. Sample result was not corrected for the blank.

Qualifiers:

UJ The constituent was analyzed for, but was not detected. The result is an estimate and may be inaccurate or imprecise.
J The result is between MDL and PQL and should be considered an estimate.

Prep/Method: SW3535/8321						
4-AMINO-2,6-DINITROTOLUENE	5	1.5	UG/L	0.10	0.60	Jun 4, 2002
HMX	5	ND	UG/L	0.20	0.60	Jun 4, 2002
RDX	5	ND	UG/L	0.10	0.60	Jun 4, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-6SW1-DIS
Sampling Point: 6SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12MT-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3005/6010B - TRAC						
ANTIMONY-DISSOLVED	1	ND	UG/L	3.7	10.0	Jun 10, 2002
BARIUM-DISSOLVED	1	28.0	UG/L	1.8	10.0	Jun 10, 2002
BERYLLIUM-DISSOLVED	1	ND	UG/L	0.56	5.0	Jun 10, 2002
CADMIUM-DISSOLVED	1	ND	UG/L	0.30	5.0	Jun 10, 2002
CHROMIUM-DISSOLVED	1	ND	UG/L	0.74	10.0	Jun 10, 2002
COBALT-DISSOLVED	1	ND	UG/L	0.92	10.0	Jun 10, 2002
COPPER-DISSOLVED	1	3.6 B	UG/L	0.76	10.0	Jun 10, 2002
NICKEL-DISSOLVED	1	ND	UG/L	1.7	40.0	Jun 10, 2002
SILVER-DISSOLVED	1	ND	UG/L	0.54	10.0	Jun 10, 2002
TIN-DISSOLVED	1	ND	UG/L	3.4	100	Jun 10, 2002
VANADIUM-DISSOLVED	1	1.7 B	UG/L	0.61	10.0	Jun 10, 2002
ZINC-DISSOLVED	1	ND	UG/L	6.8	20.0	Jun 10, 2002
Prep/Method: 3005/6020						
ARSENIC-DISSOLVED	1	0.53 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD-DISSOLVED	1	0.48 B	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM-DISSOLVED	1	ND	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM-DISSOLVED	1	ND	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY-DISSOLVED	1	ND	UG/L	0.028	0.20	Jun 5, 2002

Qualifiers:

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-6SW1-DIS-DUP
Sampling Point: 6SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12M1-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3005/6010B - TRAC						
ANTIMONY-DISSOLVED	1	ND	UG/L	3.7	10.0	Jun 10, 2002
BARIUM-DISSOLVED	1	29.4	UG/L	1.8	10.0	Jun 10, 2002
BERYLLIUM-DISSOLVED	1	ND	UG/L	0.56	5.0	Jun 10, 2002
CADMIUM-DISSOLVED	1	ND	UG/L	0.30	5.0	Jun 10, 2002
CHROMIUM-DISSOLVED	1	ND	UG/L	0.74	10.0	Jun 10, 2002
COBALT-DISSOLVED	1	ND	UG/L	0.92	10.0	Jun 10, 2002
COPPER-DISSOLVED	1	4.2 B	UG/L	0.76	10.0	Jun 10, 2002
NICKEL-DISSOLVED	1	ND	UG/L	1.7	40.0	Jun 10, 2002
SILVER-DISSOLVED	1	ND	UG/L	0.54	10.0	Jun 10, 2002
TIN-DISSOLVED	1	ND	UG/L	3.4	100	Jun 10, 2002
VANADIUM-DISSOLVED	1	1.8 B	UG/L	0.61	10.0	Jun 10, 2002
ZINC-DISSOLVED	1	ND	UG/L	6.8	20.0	Jun 10, 2002
Prep/Method: 3005/6020						
ARSENIC-DISSOLVED	1	0.53 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD-DISSOLVED	1	0.31 B	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM-DISSOLVED	1	ND	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM-DISSOLVED	1	ND	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY-DISSOLVED	1	ND	UG/L	0.028	0.20	Jun 5, 2002

Qualifiers:

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-6SW1-DUP
Sampling Point: 6SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12MW-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3010A/6010B - TRAC						
ANTIMONY	1	ND	UG/L	3.7	10.0	Jun 4, 2002
BARIUM	1	36.0	UG/L	1.8	10.0	Jun 4, 2002
BERYLLIUM	1	ND	UG/L	0.56	5.0	Jun 4, 2002
CADMIUM	1	ND	UG/L	0.30	5.0	Jun 4, 2002
CHROMIUM	1	ND	UG/L	0.74	10.0	Jun 4, 2002
COBALT	1	ND	UG/L	0.92	10.0	Jun 4, 2002
COPPER	1	13.7	UG/L	0.76	10.0	Jun 4, 2002
NICKEL	1	ND	UG/L	1.7	40.0	Jun 4, 2002
SILVER	1	ND	UG/L	0.54	10.0	Jun 4, 2002
TIN	1	ND	UG/L	3.4	100	Jun 4, 2002
VANADIUM	1	2.9 B	UG/L	0.61	10.0	Jun 4, 2002
ZINC	1	42.2	UG/L	6.8	20.0	Jun 4, 2002
Prep/Method: 3010/6020						
ARSENIC	1	0.60 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD	1	1.4	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM	1	0.23 B	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM	1	0.016 B	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY	1	ND	UG/L	0.028	0.20	Jun 5, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/L	0.28	1.0	May 31, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/L	0.32	1.0	May 31, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/L	0.50	1.0	May 31, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/L	0.41	1.0	May 31, 2002
1,1-DICHLOROETHANE	1	ND	UG/L	0.29	1.0	May 31, 2002
1,1-DICHLOROETHENE	1	ND	UG/L	0.31	1.0	May 31, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/L	0.76	1.0	May 31, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/L	0.49	2.0	May 31, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/L	0.46	1.0	May 31, 2002
1,2-DICHLOROETHANE	1	ND	UG/L	0.43	1.0	May 31, 2002
1,2-DICHLOROPROPANE	1	ND	UG/L	0.38	1.0	May 31, 2002
1,4-DIOXANE	1	ND	UG/L	36	200	May 31, 2002
2-BUTANONE (MEK)	1	ND	UG/L	2.4	5.0	May 31, 2002
2-HEXANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
4-METHYL-2-PENTANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
ACETONE	1	3.4 J	UG/L	2.9	10	May 31, 2002
ACETONITRILE	1	ND	UG/L	15	20	May 31, 2002
ACROLEIN	1	ND	UG/L	4.7	20	May 31, 2002
ACRYLONITRILE	1	ND	UG/L	4.9	20	May 31, 2002
ALLYL CHLORIDE	1	ND	UG/L	0.64	2.0	May 31, 2002
BENZENE	1	ND	UG/L	0.27	1.0	May 31, 2002
BROMODICHLOROMETHANE	1	ND	UG/L	0.35	1.0	May 31, 2002
BROMOFORM	1	ND	UG/L	0.46	1.0	May 31, 2002
BROMOMETHANE	1	ND	UG/L	0.28	2.0	May 31, 2002
CARBON DISULFIDE	1	ND	UG/L	0.67	1.0	May 31, 2002
CARBON TETRACHLORIDE	1	ND	UG/L	0.35	1.0	May 31, 2002
CHLOROBENZENE	1	ND	UG/L	0.24	1.0	May 31, 2002
CHLOROETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROFORM	1	ND	UG/L	0.29	1.0	May 31, 2002
CHLOROMETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROPRENE	1	ND	UG/L	0.35	1.0	May 31, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/L	0.33	1.0	May 31, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.31	1.0	May 31, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/L	0.37	1.0	May 31, 2002
DIBROMOMETHANE	1	ND	UG/L	0.40	1.0	May 31, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/L	0.44	2.0	May 31, 2002
ETHYL METHACRYLATE	1	ND	UG/L	0.79	1.0	May 31, 2002
ETHYLBENZENE	1	ND	UG/L	0.51	1.0	May 31, 2002
IODOMETHANE	1	ND	UG/L	0.42	1.0	May 31, 2002
ISOBUTYL ALCOHOL	1	ND	UG/L	26	50	May 31, 2002
METHACRYLONITRILE	1	ND	UG/L	4.7	10	May 31, 2002
METHYL METHACRYLATE	1	ND	UG/L	0.81	1.0	May 31, 2002
METHYLENE CHLORIDE	1	ND	UG/L	0.86	1.0	May 31, 2002
PROPIONITRILE	1	ND	UG/L	8.2	10	May 31, 2002
STYRENE	1	ND	UG/L	0.28	1.0	May 31, 2002
TETRACHLOROETHENE	1	ND	UG/L	0.27	1.0	May 31, 2002
TOLUENE	1	ND	UG/L	0.26	1.0	May 31, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-6SW1-DUP
Sampling Point: 6SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12MW-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
TRANS-1,2-DICHLOROETHENE	1	ND	UG/L	0.25	0.50	May 31, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.36	1.0	May 31, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/L	0.70	1.0	May 31, 2002
TRICHLOROETHENE	1	ND	UG/L	0.24	1.0	May 31, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/L	0.43	2.0	May 31, 2002
VINYL ACETATE	1	ND	UG/L	0.91	2.0	May 31, 2002
VINYL CHLORIDE	1	ND	UG/L	0.26	1.0	May 31, 2002
XYLENES (TOTAL)	1	ND	UG/L	0.73	2.0	May 31, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	98.0 RPR				May 31, 2002
4-BROMOFLUOROBENZENE	1	98.0 RPR				May 31, 2002
DIBROMOFLUOROMETHANE	1	97.0 RPR				May 31, 2002
TOLUENE-D8	1	101.0 RPR				May 31, 2002
Prep/Method: 3520C/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/L	1.8	10	Jun 2, 2002
1,2-DICHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,3-DICHLOROBENZENE	1	ND	UG/L	2.5	10	Jun 2, 2002
1,4-DICHLOROBENZENE	1	ND	UG/L	2.2	10	Jun 2, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/L	1.8	50	Jun 2, 2002
1-NAPHTHYLAMINE	1	ND	UG/L	3.3	10	Jun 2, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/L	2.2	50	Jun 2, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4-DICHLOROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2,4-DINITROPHENOL	1	ND	UG/L	16	50	Jun 2, 2002
2,6-DICHLOROPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/L	1.8	100	Jun 2, 2002
2-CHLORONAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
2-CHLOROPHENOL	1	ND	UG/L	1.5	10	Jun 2, 2002
2-METHYLNAPHTHALENE	1	ND	UG/L	1.9	10	Jun 2, 2002
2-METHYLPHENOL	1	ND	UG/L	1.6	10	Jun 2, 2002
2-NAPHTHYLAMINE	1	ND	UG/L	2.6	10	Jun 2, 2002
2-NITROANILINE	1	ND	UG/L	1.6	50	Jun 2, 2002
2-NITROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2-PICOLINE	1	ND	UG/L	1.2	20	Jun 2, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/L	16	50	Jun 2, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/L	10	20	Jun 2, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/L	4.8	20	Jun 2, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
3-NITROANILINE	1	ND	UG/L	6.7	50	Jun 2, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/L	15	50	Jun 2, 2002
4-AMINOBIPHENYL	1	ND	UG/L	1.6	50	Jun 2, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLOROANILINE	1	ND	UG/L	7.3	10	Jun 2, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/L	1.5	10	Jun 2, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/L	3.2	20	Jun 2, 2002
4-NITROANILINE	1	ND	UG/L	4.4	50	Jun 2, 2002
4-NITROPHENOL	1	ND	UG/L	7.1	50	Jun 2, 2002
4-NITROQUINOLINE-1-OXIDE	1	ND	UG/L	22	100	Jun 2, 2002
4-PHENYLENEDIAMINE	1	ND	UG/L	17	100	Jun 2, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/L	3.0	20	Jun 2, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/L	1.5	20	Jun 2, 2002
ACENAPHTHENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACENAPHTHYLENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACETOPHENONE	1	ND	UG/L	1.4	10	Jun 2, 2002
ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE	1	ND	UG/L	13	50	Jun 2, 2002
ANILINE	1	ND	UG/L	1.2	10	Jun 2, 2002
ANTHRACENE	1	ND	UG/L	1.2	10	Jun 2, 2002
ARAMITE	1	ND	UG/L	5.3	20	Jun 2, 2002
BENZO(A)ANTHRACENE	1	ND	UG/L	1.3	10	Jun 2, 2002
BENZO(A)PYRENE	1	ND	UG/L	1.9	10	Jun 2, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZO(GHI)PERYLENE	1	ND	UG/L	1.1	10	Jun 2, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZYL ALCOHOL	1	ND	UG/L	3.0	10	Jun 2, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/L	1.4	10	Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-6SW1-DUP
Sampling Point: 6SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12MW-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/L	1.8	10	Jun 2, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/L	1.9	10	Jun 2, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/L	1.9	10	Jun 2, 2002
CHLOROBENZILATE	1	ND	UG/L	2.1	10	Jun 2, 2002
CHRYSENE	1	ND	UG/L	1.5	10	Jun 2, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/L	2.1	10	Jun 2, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIALLATE	1	ND	UG/L	2.1	20	Jun 2, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/L	1.6	10	Jun 2, 2002
DIBENZOFURAN	1	ND	UG/L	1.3	10	Jun 2, 2002
DIETHYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIMETHOATE	1	ND	UG/L	1.8	20	Jun 2, 2002
DIMETHYL PHTHALATE	1	ND	UG/L	1.8	10	Jun 2, 2002
DIPHENYLAMINE	1	ND	UG/L	1.4	10	Jun 2, 2002
ETHYL METHANESULFONATE	1	ND	UG/L	2.7	10	Jun 2, 2002
FAMPHUR	1	ND	UG/L	24	200	Jun 2, 2002
FLUORANTHENE	1	ND	UG/L	2.0	10	Jun 2, 2002
FLUORENE	1	ND	UG/L	1.4	10	Jun 2, 2002
HEXACHLOROBENZENE	1	ND	UG/L	1.5	10	Jun 2, 2002
HEXACHLOROBUTADIENE	1	ND	UG/L	3.3	10	Jun 2, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/L	9.1	50	Jun 2, 2002
HEXACHLOROETHANE	1	ND	UG/L	3.0	10	Jun 2, 2002
HEXACHLOROPROPENE	1	ND	UG/L	1.5	100	Jun 2, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/L	1.3	10	Jun 2, 2002
ISODRIN	1	ND	UG/L	2.0	10	Jun 2, 2002
ISOPHORONE	1	ND	UG/L	1.6	10	Jun 2, 2002
ISOSAFROLE	1	ND	UG/L	1.9	20	Jun 2, 2002
METHAPYRILENE	1	ND	UG/L	18	50	Jun 2, 2002
METHYL METHANESULFONATE	1	ND	UG/L	6.0	10	Jun 2, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/L	1.6	10	Jun 2, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/L	1.7	10	Jun 2, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/L	5.3	10	Jun 2, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/L	3.0	10	Jun 2, 2002
N-NITROSOMORPHOLINE	1	ND	UG/L	3.9	10	Jun 2, 2002
N-NITROSOPIPERIDINE	1	ND	UG/L	1.9	10	Jun 2, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/L	2.4	10	Jun 2, 2002
NAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/L	2.4	50	Jun 2, 2002
O-TOLUIDINE	1	ND	UG/L	1.2	10	Jun 2, 2002
PARATHION	1	ND	UG/L	1.5	50	Jun 2, 2002
PENTACHLOROBENZENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PENTACHLOROETHANE	1	ND	UG/L	1.9	50	Jun 2, 2002
PENTACHLORONITROBENZENE	1	ND	UG/L	2.0	50	Jun 2, 2002
PENTACHLOROPHENOL	1	ND	UG/L	7.7	50	Jun 2, 2002
PHENACETIN	1	ND	UG/L	4.2	20	Jun 2, 2002
PHENANTHRENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
PHORATE	1	ND	UG/L	1.8	50	Jun 2, 2002
PRONAMIDE	1	ND	UG/L	1.4	20	Jun 2, 2002
PYRENE	1	ND	UG/L	1.7	10	Jun 2, 2002
PYRIDINE	1	ND	UG/L	12	20	Jun 2, 2002
SAFROLE	1	ND	UG/L	2.0	50	Jun 2, 2002
SULFOTEPP	1	ND	UG/L	2.1	50	Jun 2, 2002
THIONAZIN	1	ND	UG/L	2.2	10	Jun 2, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	80.0 RPR				Jun 2, 2002
2-FLUOROBIPHENYL	1	77.0 RPR				Jun 2, 2002
2-FLUOROPHENOL	1	74.0 RPR				Jun 2, 2002
NITROBENZENE-D5	1	79.0 RPR				Jun 2, 2002
PHENOL-D5	1	73.0 RPR				Jun 2, 2002
TERPHENYL-D14	1	47.0 RPR				Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-6SW1-DUP
Sampling Point: 6SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12MW-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: SW3535/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
1,3-DINITROBENZENE	1	ND	UG/L	0.023	0.12	Jun 4, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/L	0.021	0.12	Jun 4, 2002
2,4-DINITROTOLUENE	1	0.23	UG/L	0.026	0.12	Jun 4, 2002
2,6-DINITROTOLUENE	1	0.22	UG/L	0.022	0.12	Jun 4, 2002
2-AMINO-4,6-DINITROTOLUENE	1	0.76	UG/L	0.036	0.12	Jun 4, 2002
2-NITROTOLUENE	1	0.094 J	UG/L	0.026	0.12	Jun 4, 2002
3-NITROTOLUENE	1	ND	UG/L	0.027	0.12	Jun 4, 2002
4-AMINO-2,6-DINITROTOLUENE	1	1.4	UG/L	0.020	0.12	Jun 4, 2002
4-NITROTOLUENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROGLYCERIN	1	ND	UG/L	0.030	0.12	Jun 4, 2002
PETN	1	ND	UG/L	0.051	0.12	Jun 4, 2002
TETRYL	1	ND UJ	UG/L	0.024	0.12	Jun 4, 2002
Surrogates:						
NITROBENZENE-D5	1	82.0 RPR				Jun 4, 2002

Comments:

8270C (BIS(2-ETHYLHEXYL) PHTHALATE): Detected in the method blank at 2.4 ug/L. PQL is 10 ug/L. Sample result was not corrected for the blank.

Qualifiers:

J The result should be considered an estimate.
UJ The constituent was analyzed for, but was not detected. The result is an estimate and may be inaccurate or imprecise.
J The result is between MDL and PQL and should be considered an estimate.

Prep/Method: SW3535/8321						
HMX	5	ND	UG/L	0.20	0.60	Jun 4, 2002
RDX	5	ND	UG/L	0.10	0.60	Jun 4, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-7SD1
Sampling Point: 7SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12P4-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 160.3 MOD/160.3 MOD						
PERCENT MOISTURE	1	15.5	%		0.10	May 31, 2002
Prep/Method: 3050B/6010B - TRAC						
ANTIMONY	1	ND	MG/KG	0.52	1.2	Jun 8, 2002
BARIUM	1	25.1	MG/KG	0.40	1.2	Jun 8, 2002
BERYLLIUM	1	ND	MG/KG	0.10	0.59	Jun 8, 2002
CADMIUM	1	ND	MG/KG	0.043	0.59	Jun 8, 2002
CHROMIUM	1	8.8	MG/KG	0.085	1.2	Jun 8, 2002
COBALT	1	4.3	MG/KG	0.085	1.2	Jun 8, 2002
COPPER	1	5.4	MG/KG	0.22	2.4	Jun 8, 2002
NICKEL	1	8.2	MG/KG	0.21	4.7	Jun 8, 2002
SILVER	1	0.12 B	MG/KG	0.075	1.2	Jun 8, 2002
TIN	1	1.7 B J	MG/KG	0.37	11.8	Jun 8, 2002
VANADIUM	1	19.6	MG/KG	0.079	1.2	Jun 8, 2002
ZINC	1	14.6	MG/KG	0.63	2.4	Jun 8, 2002
Prep/Method: 3050B/6020						
ARSENIC	1	0.96	MG/KG	0.020	0.59	Jun 6, 2002
LEAD	1	0.88 J	MG/KG	0.0050	0.12	Jun 6, 2002
SELENIUM	1	0.15 B	MG/KG	0.058	0.59	Jun 6, 2002
THALLIUM	1	0.0074 B	MG/KG	0.0012	0.12	Jun 6, 2002
Prep/Method: 7471A/7471A						
MERCURY	1	ND	MG/KG	0.0030	0.039	Jun 4, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/KG	1.1	5.9	Jun 3, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/KG	1.2	5.9	Jun 3, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/KG	1.3	5.9	Jun 3, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/KG	1.8	5.9	Jun 3, 2002
1,1-DICHLOROETHANE	1	ND	UG/KG	1.2	5.9	Jun 3, 2002
1,1-DICHLOROETHENE	1	ND	UG/KG	1.3	5.9	Jun 3, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/KG	1.8	5.9	Jun 3, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/KG	1.7	12	Jun 3, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/KG	1.1	5.9	Jun 3, 2002
1,2-DICHLOROETHANE	1	ND	UG/KG	1.2	5.9	Jun 3, 2002
1,2-DICHLOROPROPANE	1	ND	UG/KG	1.4	5.9	Jun 3, 2002
1,4-DIOXANE	1	ND	UG/KG	94	590	Jun 3, 2002
2-BUTANONE (MEK)	1	ND	UG/KG	5.6	24	Jun 3, 2002
2-HEXANONE	1	ND	UG/KG	5.4	24	Jun 3, 2002
4-METHYL-2-PENTANONE	1	ND	UG/KG	4.6	24	Jun 3, 2002
ACETONE	1	ND	UG/KG	5.4	24	Jun 3, 2002
ACETONITRILE	1	ND	UG/KG	28	120	Jun 3, 2002
ACROLEIN	1	ND	UG/KG	20	120	Jun 3, 2002
ACRYLONITRILE	1	ND	UG/KG	18	120	Jun 3, 2002
ALLYL CHLORIDE	1	ND	UG/KG	1.1	12	Jun 3, 2002
BENZENE	1	ND	UG/KG	1.1	5.9	Jun 3, 2002
BROMODICHLOROMETHANE	1	ND	UG/KG	1.1	5.9	Jun 3, 2002
BROMOFORM	1	ND	UG/KG	1.1	5.9	Jun 3, 2002
BROMOMETHANE	1	ND	UG/KG	1.4	12	Jun 3, 2002
CARBON DISULFIDE	1	ND	UG/KG	1.1	5.9	Jun 3, 2002
CARBON TETRACHLORIDE	1	ND	UG/KG	1.4	5.9	Jun 3, 2002
CHLOROBENZENE	1	ND	UG/KG	0.89	5.9	Jun 3, 2002
CHLOROETHANE	1	ND	UG/KG	1.5	12	Jun 3, 2002
CHLOROFORM	1	ND	UG/KG	1.1	12	Jun 3, 2002
CHLOROMETHANE	1	ND	UG/KG	1.8	12	Jun 3, 2002
CHLOROPRENE	1	ND	UG/KG	1.0	5.9	Jun 3, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/KG	0.99	3.0	Jun 3, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/KG	1.1	5.9	Jun 3, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/KG	1.1	5.9	Jun 3, 2002
DIBROMOMETHANE	1	ND	UG/KG	1.5	5.9	Jun 3, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/KG	1.9	12	Jun 3, 2002
ETHYL METHACRYLATE	1	ND	UG/KG	1.1	5.9	Jun 3, 2002
ETHYLBENZENE	1	ND	UG/KG	1.4	5.9	Jun 3, 2002
IODOMETHANE	1	ND	UG/KG	0.98	5.9	Jun 3, 2002
ISOBUTYL ALCOHOL	1	ND	UG/KG	50	240	Jun 3, 2002
METHACRYLONITRILE	1	ND	UG/KG	17	59	Jun 3, 2002
METHYL METHACRYLATE	1	ND	UG/KG	1.7	5.9	Jun 3, 2002
METHYLENE CHLORIDE	1	1.1 J B	UG/KG	0.95	5.9	Jun 3, 2002
PROPIONITRILE	1	ND	UG/KG	20	59	Jun 3, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-7SD1
Sampling Point: 7SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12P4-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
STYRENE	1	ND	UG/KG	0.78	5.9	Jun 3, 2002
TETRACHLOROETHENE	1	ND	UG/KG	1.2	5.9	Jun 3, 2002
TOLUENE	1	ND	UG/KG	0.92	5.9	Jun 3, 2002
TRANS-1,2-DICHLOROETHENE	1	ND	UG/KG	0.94	3.0	Jun 3, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/KG	1.2	5.9	Jun 3, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/KG	1.3	5.9	Jun 3, 2002
TRICHLOROETHENE	1	ND	UG/KG	1.0	5.9	Jun 3, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/KG	0.60	12	Jun 3, 2002
VINYL ACETATE	1	ND	UG/KG	2.8	12	Jun 3, 2002
VINYL CHLORIDE	1	ND	UG/KG	1.3	5.9	Jun 3, 2002
XYLENES (TOTAL)	1	ND	UG/KG	3.3	5.9	Jun 3, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	110.0 RPR				Jun 3, 2002
4-BROMOFLUOROBENZENE	1	100.0 RPR				Jun 3, 2002
DIBROMOFLUOROMETHANE	1	108.0 RPR				Jun 3, 2002
TOLUENE-D8	1	99.0 RPR				Jun 3, 2002
Prep/Method: 3550/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/KG	40	390	Jun 5, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/KG	76	390	Jun 5, 2002
1,2-DICHLOROBENZENE	1	ND	UG/KG	76	390	Jun 5, 2002
1,3-DICHLOROBENZENE	1	ND	UG/KG	84	390	Jun 5, 2002
1,4-DICHLOROBENZENE	1	ND	UG/KG	65	390	Jun 5, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/KG	39	1900	Jun 5, 2002
1-NAPHTHYLAMINE	1	ND	UG/KG	99	390	Jun 5, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/KG	490	1900	Jun 5, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/KG	89	390	Jun 5, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/KG	59	390	Jun 5, 2002
2,4-DICHLOROPHENOL	1	ND	UG/KG	100	390	Jun 5, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/KG	110	390	Jun 5, 2002
2,4-DINITROPHENOL	1	ND	UG/KG	590	1900	Jun 5, 2002
2,6-DICHLOROPHENOL	1	ND	UG/KG	62	390	Jun 5, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/KG	39	3900	Jun 5, 2002
2-CHLORONAPHTHALENE	1	ND	UG/KG	45	390	Jun 5, 2002
2-CHLOROPHENOL	1	ND	UG/KG	86	390	Jun 5, 2002
2-METHYLNAPHTHALENE	1	ND	UG/KG	70	390	Jun 5, 2002
2-METHYLPHENOL	1	ND	UG/KG	91	390	Jun 5, 2002
2-NAPHTHYLAMINE	1	ND	UG/KG	92	390	Jun 5, 2002
2-NITROANILINE	1	ND	UG/KG	95	1900	Jun 5, 2002
2-NITROPHENOL	1	ND	UG/KG	140	390	Jun 5, 2002
2-PICOLINE	1	ND	UG/KG	57	780	Jun 5, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/KG	83	1900	Jun 5, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/KG	470	780	Jun 5, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/KG	46	780	Jun 5, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/KG	88	390	Jun 5, 2002
3-NITROANILINE	1	ND	UG/KG	100	1900	Jun 5, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/KG	500	1900	Jun 5, 2002
4-AMINOBIPHENYL	1	ND	UG/KG	390	1900	Jun 5, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/KG	84	390	Jun 5, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/KG	110	390	Jun 5, 2002
4-CHLOROANILINE	1	ND	UG/KG	56	390	Jun 5, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/KG	84	390	Jun 5, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/KG	66	780	Jun 5, 2002
4-NITROANILINE	1	ND	UG/KG	76	1900	Jun 5, 2002
4-NITROPHENOL	1	ND	UG/KG	110	1900	Jun 5, 2002
4-PHENYLENEDIAMINE	1	ND	UG/KG	990	1900	Jun 5, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/KG	70	780	Jun 5, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/KG	59	780	Jun 5, 2002
A,A-DIMETHYLPHENETHYLAMINE	1	ND	UG/KG	390	1900	Jun 5, 2002
ACENAPHTHENE	1	ND	UG/KG	54	390	Jun 5, 2002
ACENAPHTHYLENE	1	ND	UG/KG	40	390	Jun 5, 2002
ACETOPHENONE	1	ND	UG/KG	40	390	Jun 5, 2002
ANILINE	1	ND	UG/KG	67	390	Jun 5, 2002
ANTHRACENE	1	ND	UG/KG	92	390	Jun 5, 2002
ARAMITE	1	ND	UG/KG	51	780	Jun 5, 2002
BENZO(A)ANTHRACENE	1	ND	UG/KG	46	390	Jun 5, 2002
BENZO(A)PYRENE	1	ND	UG/KG	110	390	Jun 5, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/KG	120	390	Jun 5, 2002
BENZO(GHI)PERYLENE	1	ND	UG/KG	83	390	Jun 5, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/KG	110	390	Jun 5, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-7SD1
Sampling Point: 7SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12P4-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BENZYL ALCOHOL	1	ND	UG/KG	91	390	Jun 5, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/KG	88	390	Jun 5, 2002
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/KG	58	390	Jun 5, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/KG	82	390	Jun 5, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/KG	82	390	Jun 5, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/KG	40	390	Jun 5, 2002
CHLOROBENZILATE	1	ND	UG/KG	53	390	Jun 5, 2002
CHRYSENE	1	ND	UG/KG	63	390	Jun 5, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/KG	90	390	Jun 5, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/KG	43	390	Jun 5, 2002
DIALLATE	1	ND	UG/KG	60	780	Jun 5, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/KG	56	390	Jun 5, 2002
DIBENZOFURAN	1	ND	UG/KG	97	390	Jun 5, 2002
DIETHYL PHTHALATE	1	ND	UG/KG	63	780	Jun 5, 2002
DIMETHOATE	1	ND	UG/KG	56	780	Jun 5, 2002
DIMETHYL PHTHALATE	1	ND	UG/KG	100	390	Jun 5, 2002
DIPHENYLAMINE	1	ND	UG/KG	62	390	Jun 5, 2002
ETHYL METHANESULFONATE	1	ND	UG/KG	53	390	Jun 5, 2002
FAMPHUR	1	ND	UG/KG	120	780	Jun 5, 2002
FLUORANTHENE	1	ND	UG/KG	99	390	Jun 5, 2002
FLUORENE	1	ND	UG/KG	90	390	Jun 5, 2002
HEXACHLOROBENZENE	1	ND	UG/KG	90	390	Jun 5, 2002
HEXACHLOROBUTADIENE	1	ND	UG/KG	120	390	Jun 5, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/KG	39	1900	Jun 5, 2002
HEXACHLOROETHANE	1	ND	UG/KG	59	390	Jun 5, 2002
HEXACHLOROPROPENE	1	ND	UG/KG	51	3900	Jun 5, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/KG	57	390	Jun 5, 2002
ISODRIN	1	ND	UG/KG	47	390	Jun 5, 2002
ISOPHORONE	1	ND	UG/KG	80	390	Jun 5, 2002
ISOSAFROLE	1	ND	UG/KG	44	780	Jun 5, 2002
METHAPYRILENE	1	ND	UG/KG	49	1900	Jun 5, 2002
METHYL METHANESULFONATE	1	ND	UG/KG	63	390	Jun 5, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/KG	66	390	Jun 5, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/KG	100	390	Jun 5, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/KG	56	390	Jun 5, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/KG	70	390	Jun 5, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/KG	85	390	Jun 5, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/KG	47	390	Jun 5, 2002
N-NITROSOMORPHOLINE	1	ND	UG/KG	62	390	Jun 5, 2002
N-NITROSOPIPERIDINE	1	ND	UG/KG	82	390	Jun 5, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/KG	51	390	Jun 5, 2002
NAPHTHALENE	1	ND	UG/KG	83	390	Jun 5, 2002
NITROQUINOLINE-1-OXIDE	1	ND	UG/KG	840	3900	Jun 5, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/KG	62	1900	Jun 5, 2002
O-TOLUIDINE	1	ND	UG/KG	120	780	Jun 5, 2002
PARATHION	1	ND	UG/KG	56	1900	Jun 5, 2002
PENTACHLOROBENZENE	1	ND	UG/KG	47	390	Jun 5, 2002
PENTACHLOROETHANE	1	ND	UG/KG	60	1900	Jun 5, 2002
PENTACHLORONITROBENZENE	1	ND	UG/KG	66	1900	Jun 5, 2002
PENTACHLOROPHENOL	1	ND	UG/KG	440	1900	Jun 5, 2002
PHENACETIN	1	ND	UG/KG	58	780	Jun 5, 2002
PHENANTHRENE	1	ND	UG/KG	44	390	Jun 5, 2002
PHENOL	1	ND	UG/KG	84	390	Jun 5, 2002
PHORATE	1	ND	UG/KG	49	1900	Jun 5, 2002
PRONAMIDE	1	ND	UG/KG	59	780	Jun 5, 2002
PYRENE	1	ND	UG/KG	47	390	Jun 5, 2002
PYRIDINE	1	ND	UG/KG	470	780	Jun 5, 2002
SAFROLE	1	ND	UG/KG	58	1900	Jun 5, 2002
SULFOTEPP	1	ND	UG/KG	57	1200	Jun 5, 2002
THIONAZIN	1	ND	UG/KG	73	1900	Jun 5, 2002
Surrogates:						
2,4,6-TRIBROMOPHENOL	1	57.0 RPR				Jun 5, 2002
2-FLUOROBIPHENYL	1	62.0 RPR				Jun 5, 2002
2-FLUOROPHENOL	1	63.0 RPR				Jun 5, 2002
NITROBENZENE-D5	1	72.0 RPR				Jun 5, 2002
PHENOL-D5	1	66.0 RPR				Jun 5, 2002
TERPHENYL-D14	1	67.0 RPR				Jun 5, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-7SD1
Sampling Point: 7SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12P4-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3550/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/KG	11	140	Jun 5, 2002
1,3-DINITROBENZENE	1	ND	UG/KG	14	140	Jun 5, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/KG	9.2	140	Jun 5, 2002
2,4-DINITROTOLUENE	1	ND	UG/KG	9.5	140	Jun 5, 2002
2,6-DINITROTOLUENE	1	ND	UG/KG	11	140	Jun 5, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/KG	32	140	Jun 5, 2002
2-NITROTOLUENE	1	ND	UG/KG	18	140	Jun 5, 2002
3-NITROTOLUENE	1	ND	UG/KG	13	140	Jun 5, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND	UG/KG	8.8	140	Jun 5, 2002
4-NITROTOLUENE	1	ND	UG/KG	32	140	Jun 5, 2002
HMX	1	ND	UG/KG	9.6	140	Jun 5, 2002
NITROBENZENE	1	ND	UG/KG	26	140	Jun 5, 2002
NITROGLYCERIN	1	ND	UG/KG	200	590	Jun 5, 2002
PETN	1	ND	UG/KG	170	590	Jun 5, 2002
RDX	1	ND	UG/KG	8.9	140	Jun 5, 2002
TETRYL	1	ND	UG/KG	26	140	Jun 5, 2002
Surrogates:						
NITROBENZENE-D5	1	88.0 RPR				Jun 5, 2002

Comments:

6010B - TRAC (TIN): Detected in the method blank at 1.9 mg/kg. PQL is 10.0 mg/kg. Sample result was not corrected for the blank.
6020 (LEAD): Detected in the method blank at 0.0093 mg/kg. PQL is 0.10 mg/kg. Sample result was not corrected for the blank.
8260B (METHYLENE CHLORIDE): Detected in the method blank at 1.2 ug/kg. PQL is 5.0 ug/kg. Sample result was not corrected for the blank.
ALL RESULTS AND LIMITS ARE REPORTED ON A DRY WEIGHT BASIS

Qualifiers:

J The result is between MDL and PQL and should be considered an estimate.

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-7SW1
Sampling Point: 7SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12M6-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3010A/6010B - TRAC						
ANTIMONY	1	ND	UG/L	3.7	10.0	Jun 4, 2002
BARIUM	1	29.8	UG/L	1.8	10.0	Jun 4, 2002
BERYLLIUM	1	ND	UG/L	0.56	5.0	Jun 4, 2002
CADMIUM	1	ND	UG/L	0.30	5.0	Jun 4, 2002
CHROMIUM	1	2.1 B	UG/L	0.74	10.0	Jun 4, 2002
COBALT	1	ND	UG/L	0.92	10.0	Jun 4, 2002
COPPER	1	3.5 B	UG/L	0.76	10.0	Jun 4, 2002
NICKEL	1	2.4 B	UG/L	1.7	40.0	Jun 4, 2002
SILVER	1	ND	UG/L	0.54	10.0	Jun 4, 2002
TIN	1	ND	UG/L	3.4	100	Jun 4, 2002
VANADIUM	1	3.6 B	UG/L	0.61	10.0	Jun 4, 2002
ZINC	1	16.2 B	UG/L	6.8	20.0	Jun 4, 2002
Prep/Method: 3010/6020						
ARSENIC	1	0.37 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD	1	0.83 B	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM	1	ND	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM	1	0.017 B	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY	1	ND	UG/L	0.028	0.20	Jun 5, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/L	0.28	1.0	May 31, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/L	0.32	1.0	May 31, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/L	0.50	1.0	May 31, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/L	0.41	1.0	May 31, 2002
1,1-DICHLOROETHANE	1	ND	UG/L	0.29	1.0	May 31, 2002
1,1-DICHLOROETHENE	1	ND	UG/L	0.31	1.0	May 31, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/L	0.76	1.0	May 31, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/L	0.49	2.0	May 31, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/L	0.46	1.0	May 31, 2002
1,2-DICHLOROETHANE	1	ND	UG/L	0.43	1.0	May 31, 2002
1,2-DICHLOROPROPANE	1	ND	UG/L	0.38	1.0	May 31, 2002
1,4-DIOXANE	1	ND	UG/L	36	200	May 31, 2002
2-BUTANONE (MEK)	1	ND	UG/L	2.4	5.0	May 31, 2002
2-HEXANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
4-METHYL-2-PENTANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
ACETONE	1	ND	UG/L	2.9	10	May 31, 2002
ACETONITRILE	1	ND	UG/L	15	20	May 31, 2002
ACROLEIN	1	ND	UG/L	4.7	20	May 31, 2002
ACRYLONITRILE	1	ND	UG/L	4.9	20	May 31, 2002
ALLYL CHLORIDE	1	ND	UG/L	0.64	2.0	May 31, 2002
BENZENE	1	ND	UG/L	0.27	1.0	May 31, 2002
BROMODICHLOROMETHANE	1	ND	UG/L	0.35	1.0	May 31, 2002
BROMOFORM	1	ND	UG/L	0.46	1.0	May 31, 2002
BROMOMETHANE	1	ND	UG/L	0.28	2.0	May 31, 2002
CARBON DISULFIDE	1	ND	UG/L	0.67	1.0	May 31, 2002
CARBON TETRACHLORIDE	1	ND	UG/L	0.35	1.0	May 31, 2002
CHLOROBENZENE	1	ND	UG/L	0.24	1.0	May 31, 2002
CHLOROETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROFORM	1	ND	UG/L	0.29	1.0	May 31, 2002
CHLOROMETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROPRENE	1	ND	UG/L	0.35	1.0	May 31, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/L	0.33	1.0	May 31, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.31	1.0	May 31, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/L	0.37	1.0	May 31, 2002
DIBROMOMETHANE	1	ND	UG/L	0.40	1.0	May 31, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/L	0.44	2.0	May 31, 2002
ETHYL METHACRYLATE	1	ND	UG/L	0.79	1.0	May 31, 2002
ETHYLBENZENE	1	ND	UG/L	0.51	1.0	May 31, 2002
IODOMETHANE	1	ND	UG/L	0.42	1.0	May 31, 2002
ISOBUTYL ALCOHOL	1	ND	UG/L	26	50	May 31, 2002
METHACRYLONITRILE	1	ND	UG/L	4.7	10	May 31, 2002
METHYL METHACRYLATE	1	ND	UG/L	0.81	1.0	May 31, 2002
METHYLENE CHLORIDE	1	ND	UG/L	0.86	1.0	May 31, 2002
PROPIONITRILE	1	ND	UG/L	8.2	10	May 31, 2002
STYRENE	1	ND	UG/L	0.28	1.0	May 31, 2002
TETRACHLOROETHENE	1	ND	UG/L	0.27	1.0	May 31, 2002
TOLUENE	1	ND	UG/L	0.26	1.0	May 31, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-7SW1
Sampling Point: 7SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12M6-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
TRANS-1,2-DICHLOROETHENE	1	ND	UG/L	0.25	0.50	May 31, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.36	1.0	May 31, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/L	0.70	1.0	May 31, 2002
TRICHLOROETHENE	1	ND	UG/L	0.24	1.0	May 31, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/L	0.43	2.0	May 31, 2002
VINYL ACETATE	1	ND	UG/L	0.91	2.0	May 31, 2002
VINYL CHLORIDE	1	ND	UG/L	0.26	1.0	May 31, 2002
XYLENES (TOTAL)	1	ND	UG/L	0.73	2.0	May 31, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	104.0 RPR				May 31, 2002
4-BROMOFLUOROBENZENE	1	101.0 RPR				May 31, 2002
DIBROMOFLUOROMETHANE	1	101.0 RPR				May 31, 2002
TOLUENE-D8	1	100.0 RPR				May 31, 2002
Prep/Method: 3520C/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/L	1.8	10	Jun 2, 2002
1,2-DICHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,3-DICHLOROBENZENE	1	ND	UG/L	2.5	10	Jun 2, 2002
1,4-DICHLOROBENZENE	1	ND	UG/L	2.2	10	Jun 2, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/L	1.8	50	Jun 2, 2002
1-NAPHTHYLAMINE	1	ND	UG/L	3.3	10	Jun 2, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/L	2.2	50	Jun 2, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4-DICHLOROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2,4-DINITROPHENOL	1	ND	UG/L	16	50	Jun 2, 2002
2,6-DICHLOROPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/L	1.8	100	Jun 2, 2002
2-CHLORONAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
2-CHLOROPHENOL	1	ND	UG/L	1.5	10	Jun 2, 2002
2-METHYLNAPHTHALENE	1	ND	UG/L	1.9	10	Jun 2, 2002
2-METHYLPHENOL	1	ND	UG/L	1.6	10	Jun 2, 2002
2-NAPHTHYLAMINE	1	ND	UG/L	2.6	10	Jun 2, 2002
2-NITROANILINE	1	ND	UG/L	1.6	50	Jun 2, 2002
2-NITROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2-PICOLINE	1	ND	UG/L	1.2	20	Jun 2, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/L	16	50	Jun 2, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/L	10	20	Jun 2, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/L	4.8	20	Jun 2, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
3-NITROANILINE	1	ND	UG/L	6.7	50	Jun 2, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/L	15	50	Jun 2, 2002
4-AMINOBIPHENYL	1	ND	UG/L	1.6	50	Jun 2, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLOROANILINE	1	ND	UG/L	7.3	10	Jun 2, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/L	1.5	10	Jun 2, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/L	3.2	20	Jun 2, 2002
4-NITROANILINE	1	ND	UG/L	4.4	50	Jun 2, 2002
4-NITROPHENOL	1	ND	UG/L	7.1	50	Jun 2, 2002
4-NITROQUINOLINE-1-OXIDE	1	ND	UG/L	22	100	Jun 2, 2002
4-PHENYLENEDIAMINE	1	ND	UG/L	17	100	Jun 2, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/L	3.0	20	Jun 2, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/L	1.5	20	Jun 2, 2002
ACENAPHTHENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACENAPHTHYLENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACETOPHENONE	1	ND	UG/L	1.4	10	Jun 2, 2002
ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE	1	ND	UG/L	13	50	Jun 2, 2002
ANILINE	1	ND	UG/L	1.2	10	Jun 2, 2002
ANTHRACENE	1	ND	UG/L	1.2	10	Jun 2, 2002
ARAMITE	1	ND	UG/L	5.3	20	Jun 2, 2002
BENZO(A)ANTHRACENE	1	ND	UG/L	1.3	10	Jun 2, 2002
BENZO(A)PYRENE	1	ND	UG/L	1.9	10	Jun 2, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZO(GHI)PERYLENE	1	ND	UG/L	1.1	10	Jun 2, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZYL ALCOHOL	1	ND	UG/L	3.0	10	Jun 2, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/L	1.4	10	Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-7SW1
Sampling Point: 7SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12M6-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/L	1.8	10	Jun 2, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/L	1.9	10	Jun 2, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/L	1.9	10	Jun 2, 2002
CHLOROBENZILATE	1	ND	UG/L	2.1	10	Jun 2, 2002
CHRYSENE	1	ND	UG/L	1.5	10	Jun 2, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/L	2.1	10	Jun 2, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIALLATE	1	ND	UG/L	2.1	20	Jun 2, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/L	1.6	10	Jun 2, 2002
DIBENZOFURAN	1	ND	UG/L	1.3	10	Jun 2, 2002
DIETHYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIMETHOATE	1	ND	UG/L	1.8	20	Jun 2, 2002
DIMETHYL PHTHALATE	1	ND	UG/L	1.8	10	Jun 2, 2002
DIPHENYLAMINE	1	ND	UG/L	1.4	10	Jun 2, 2002
ETHYL METHANESULFONATE	1	ND	UG/L	2.7	10	Jun 2, 2002
FAMPHUR	1	ND	UG/L	24	200	Jun 2, 2002
FLUORANTHENE	1	ND	UG/L	2.0	10	Jun 2, 2002
FLUORENE	1	ND	UG/L	1.4	10	Jun 2, 2002
HEXACHLOROBENZENE	1	ND	UG/L	1.5	10	Jun 2, 2002
HEXACHLOROBUTADIENE	1	ND	UG/L	3.3	10	Jun 2, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/L	9.1	50	Jun 2, 2002
HEXACHLOROETHANE	1	ND	UG/L	3.0	10	Jun 2, 2002
HEXACHLOROPROPENE	1	ND	UG/L	1.5	100	Jun 2, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/L	1.3	10	Jun 2, 2002
ISODRIN	1	ND	UG/L	2.0	10	Jun 2, 2002
ISOPHORONE	1	ND	UG/L	1.6	10	Jun 2, 2002
ISOSAFROLE	1	ND	UG/L	1.9	20	Jun 2, 2002
METHAPYRILENE	1	ND	UG/L	18	50	Jun 2, 2002
METHYL METHANESULFONATE	1	ND	UG/L	6.0	10	Jun 2, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/L	1.6	10	Jun 2, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/L	1.7	10	Jun 2, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/L	5.3	10	Jun 2, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/L	3.0	10	Jun 2, 2002
N-NITROSOMORPHOLINE	1	ND	UG/L	3.9	10	Jun 2, 2002
N-NITROSOPIPERIDINE	1	ND	UG/L	1.9	10	Jun 2, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/L	2.4	10	Jun 2, 2002
NAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/L	2.4	50	Jun 2, 2002
O-TOLUIDINE	1	ND	UG/L	1.2	10	Jun 2, 2002
PARATHION	1	ND	UG/L	1.5	50	Jun 2, 2002
PENTACHLOROBENZENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PENTACHLOROETHANE	1	ND	UG/L	1.9	50	Jun 2, 2002
PENTACHLORONITROBENZENE	1	ND	UG/L	2.0	50	Jun 2, 2002
PENTACHLOROPHENOL	1	ND	UG/L	7.7	50	Jun 2, 2002
PHENACETIN	1	ND	UG/L	4.2	20	Jun 2, 2002
PHENANTHRENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
PHORATE	1	ND	UG/L	1.8	50	Jun 2, 2002
PRONAMIDE	1	ND	UG/L	1.4	20	Jun 2, 2002
PYRENE	1	ND	UG/L	1.7	10	Jun 2, 2002
PYRIDINE	1	ND	UG/L	12	20	Jun 2, 2002
SAFROLE	1	ND	UG/L	2.0	50	Jun 2, 2002
SULFOTEPP	1	ND	UG/L	2.1	50	Jun 2, 2002
THIONAZIN	1	ND	UG/L	2.2	10	Jun 2, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	78.0	RPR			Jun 2, 2002
2-FLUOROBIPHENYL	1	66.0	RPR			Jun 2, 2002
2-FLUOROPHENOL	1	63.0	RPR			Jun 2, 2002
NITROBENZENE-D5	1	66.0	RPR			Jun 2, 2002
PHENOL-D5	1	69.0	RPR			Jun 2, 2002
TERPHENYL-D14	1	71.0	RPR			Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-7SW1
Sampling Point: 7SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12M6-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: SW3535/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
1,3-DINITROBENZENE	1	ND	UG/L	0.023	0.12	Jun 4, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/L	0.021	0.12	Jun 4, 2002
2,4-DINITROTOLUENE	1	ND	UG/L	0.026	0.12	Jun 4, 2002
2,6-DINITROTOLUENE	1	ND	UG/L	0.022	0.12	Jun 4, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/L	0.036	0.12	Jun 4, 2002
2-NITROTOLUENE	1	ND	UG/L	0.026	0.12	Jun 4, 2002
3-NITROTOLUENE	1	ND	UG/L	0.027	0.12	Jun 4, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND	UG/L	0.020	0.12	Jun 4, 2002
4-NITROTOLUENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROGLYCERIN	1	ND	UG/L	0.030	0.12	Jun 4, 2002
PETN	1	ND	UG/L	0.051	0.12	Jun 4, 2002
TETRYL	1	ND UJ	UG/L	0.024	0.12	Jun 4, 2002
Surrogates:						
NITROBENZENE-D5	1	79.0 RPR				Jun 4, 2002

Comments:

8270C (BIS(2-ETHYLHEXYL) PHTHALATE): Detected in the method blank at 2.4 ug/L. PQL is 10 ug/L. Sample result was not corrected for the blank.

Qualifiers:

UJ The constituent was analyzed for, but was not detected. The result is an estimate and may be inaccurate or imprecise.

Prep/Method: SW3535/8321						
HMX	5	ND	UG/L	0.20	0.60	Jun 4, 2002
RDX	5	ND	UG/L	0.10	0.60	Jun 4, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-7SW1-DIS
Sampling Point: 7SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12M8-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3005/6010B - TRAC						
ANTIMONY-DISSOLVED	1	ND	UG/L	3.7	10.0	Jun 10, 2002
BARIUM-DISSOLVED	1	16.8	UG/L	1.8	10.0	Jun 10, 2002
BERYLLIUM-DISSOLVED	1	ND	UG/L	0.56	5.0	Jun 10, 2002
CADMIUM-DISSOLVED	1	ND	UG/L	0.30	5.0	Jun 10, 2002
CHROMIUM-DISSOLVED	1	ND	UG/L	0.74	10.0	Jun 10, 2002
COBALT-DISSOLVED	1	ND	UG/L	0.92	10.0	Jun 10, 2002
COPPER-DISSOLVED	1	3.4 B	UG/L	0.76	10.0	Jun 10, 2002
NICKEL-DISSOLVED	1	ND	UG/L	1.7	40.0	Jun 10, 2002
SILVER-DISSOLVED	1	ND	UG/L	0.54	10.0	Jun 10, 2002
TIN-DISSOLVED	1	ND	UG/L	3.4	100	Jun 10, 2002
VANADIUM-DISSOLVED	1	1.2 B	UG/L	0.61	10.0	Jun 10, 2002
ZINC-DISSOLVED	1	33.2	UG/L	6.8	20.0	Jun 10, 2002
Prep/Method: 3005/6020						
ARSENIC-DISSOLVED	1	0.37 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD-DISSOLVED	1	0.44 B	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM-DISSOLVED	1	ND	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM-DISSOLVED	1	ND	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY-DISSOLVED	1	ND	UG/L	0.028	0.20	Jun 5, 2002

Qualifiers:

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-8SD1
Sampling Point: 8SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12P7-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 160.3 MOD/160.3 MOD						
PERCENT MOISTURE	1	63.3	%		0.10	May 31, 2002
Prep/Method: 3050B/6010B - TRAC						
ANTIMONY	1	ND	MG/KG	1.2	2.7	Jun 8, 2002
BARIUM	1	167	MG/KG	0.93	2.7	Jun 8, 2002
BERYLLIUM	1	0.78 B	MG/KG	0.23	1.4	Jun 8, 2002
CADMIUM	1	ND	MG/KG	0.098	1.4	Jun 8, 2002
CHROMIUM	1	33.9	MG/KG	0.20	2.7	Jun 8, 2002
COBALT	1	15.4	MG/KG	0.20	2.7	Jun 8, 2002
COPPER	1	23.1	MG/KG	0.52	5.5	Jun 8, 2002
NICKEL	1	23.4	MG/KG	0.49	10.9	Jun 8, 2002
SILVER	1	0.48 B	MG/KG	0.17	2.7	Jun 8, 2002
TIN	1	3.0 B J	MG/KG	0.85	27.3	Jun 8, 2002
VANADIUM	1	40.1	MG/KG	0.18	2.7	Jun 8, 2002
ZINC	1	104	MG/KG	1.4	5.5	Jun 8, 2002
Prep/Method: 3050B/6020						
ARSENIC	1	1.8	MG/KG	0.046	1.4	Jun 6, 2002
LEAD	1	14.0 J	MG/KG	0.011	0.27	Jun 6, 2002
SELENIUM	1	0.87 B	MG/KG	0.13	1.4	Jun 6, 2002
THALLIUM	1	0.24 B	MG/KG	0.0027	0.27	Jun 6, 2002
Prep/Method: 7471A/7471A						
MERCURY	1	0.071 B	MG/KG	0.0068	0.090	Jun 4, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/KG	2.6	14	Jun 3, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/KG	2.7	14	Jun 3, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/KG	3.0	14	Jun 3, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/KG	4.1	14	Jun 3, 2002
1,1-DICHLOROETHANE	1	ND	UG/KG	2.7	14	Jun 3, 2002
1,1-DICHLOROETHENE	1	ND	UG/KG	3.0	14	Jun 3, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/KG	4.1	14	Jun 3, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/KG	3.8	27	Jun 3, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/KG	2.5	14	Jun 3, 2002
1,2-DICHLOROETHANE	1	ND	UG/KG	2.7	14	Jun 3, 2002
1,2-DICHLOROPROPANE	1	ND	UG/KG	3.3	14	Jun 3, 2002
1,4-DIOXANE	1	ND	UG/KG	220	1400	Jun 3, 2002
2-BUTANONE (MEK)	1	ND	UG/KG	13	55	Jun 3, 2002
2-HEXANONE	1	ND	UG/KG	13	55	Jun 3, 2002
4-METHYL-2-PENTANONE	1	ND	UG/KG	11	55	Jun 3, 2002
ACETONE	1	21 J	UG/KG	13	55	Jun 3, 2002
ACETONITRILE	1	ND	UG/KG	65	270	Jun 3, 2002
ACROLEIN	1	ND	UG/KG	46	270	Jun 3, 2002
ACRYLONITRILE	1	ND	UG/KG	41	270	Jun 3, 2002
ALLYL CHLORIDE	1	ND	UG/KG	2.5	27	Jun 3, 2002
BENZENE	1	ND	UG/KG	2.4	14	Jun 3, 2002
BROMODICHLOROMETHANE	1	ND	UG/KG	2.5	14	Jun 3, 2002
BROMOFORM	1	ND	UG/KG	2.5	14	Jun 3, 2002
BROMOMETHANE	1	ND	UG/KG	3.3	27	Jun 3, 2002
CARBON DISULFIDE	1	ND	UG/KG	2.5	14	Jun 3, 2002
CARBON TETRACHLORIDE	1	ND	UG/KG	3.3	14	Jun 3, 2002
CHLOROBENZENE	1	ND	UG/KG	2.0	14	Jun 3, 2002
CHLOROETHANE	1	ND	UG/KG	3.5	27	Jun 3, 2002
CHLOROFORM	1	ND	UG/KG	2.5	27	Jun 3, 2002
CHLOROMETHANE	1	ND	UG/KG	4.1	27	Jun 3, 2002
CHLOROPRENE	1	ND	UG/KG	2.4	14	Jun 3, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/KG	2.3	6.8	Jun 3, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/KG	2.6	14	Jun 3, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/KG	2.5	14	Jun 3, 2002
DIBROMOMETHANE	1	ND	UG/KG	3.5	14	Jun 3, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/KG	4.4	27	Jun 3, 2002
ETHYL METHACRYLATE	1	ND	UG/KG	2.5	14	Jun 3, 2002
ETHYLBENZENE	1	ND	UG/KG	3.3	14	Jun 3, 2002
IODOMETHANE	1	ND	UG/KG	2.3	14	Jun 3, 2002
ISOBUTYL ALCOHOL	1	ND	UG/KG	110	550	Jun 3, 2002
METHACRYLONITRILE	1	ND	UG/KG	38	140	Jun 3, 2002
METHYL METHACRYLATE	1	ND	UG/KG	3.8	14	Jun 3, 2002
METHYLENE CHLORIDE	1	3.0 J B	UG/KG	2.2	14	Jun 3, 2002
PROPIONITRILE	1	ND	UG/KG	46	140	Jun 3, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-8SD1
Sampling Point: 8SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12P7-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
STYRENE	1	ND	UG/KG	1.8	14	Jun 3, 2002
TETRACHLOROETHENE	1	ND	UG/KG	2.7	14	Jun 3, 2002
TOLUENE	1	69	UG/KG	2.1	14	Jun 3, 2002
TRANS-1,2-DICHLOROETHENE	1	ND	UG/KG	2.2	6.8	Jun 3, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/KG	2.7	14	Jun 3, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/KG	3.0	14	Jun 3, 2002
TRICHLOROETHENE	1	ND	UG/KG	2.4	14	Jun 3, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/KG	1.4	27	Jun 3, 2002
VINYL ACETATE	1	ND	UG/KG	6.5	27	Jun 3, 2002
VINYL CHLORIDE	1	ND	UG/KG	3.0	14	Jun 3, 2002
XYLENES (TOTAL)	1	ND	UG/KG	7.6	14	Jun 3, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	109.0 RPR				Jun 3, 2002
4-BROMOFLUOROBENZENE	1	79.0 RPR				Jun 3, 2002
DIBROMOFLUOROMETHANE	1	106.0 RPR				Jun 3, 2002
TOLUENE-D8	1	117.0 RPR				Jun 3, 2002
Prep/Method: 3550/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/KG	93	900	Jun 5, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/KG	170	900	Jun 5, 2002
1,2-DICHLOROBENZENE	1	ND	UG/KG	170	900	Jun 5, 2002
1,3-DICHLOROBENZENE	1	ND	UG/KG	190	900	Jun 5, 2002
1,4-DICHLOROBENZENE	1	ND	UG/KG	150	900	Jun 5, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/KG	90	4400	Jun 5, 2002
1-NAPHTHYLAMINE	1	ND	UG/KG	230	900	Jun 5, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/KG	1100	4400	Jun 5, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/KG	200	900	Jun 5, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/KG	140	900	Jun 5, 2002
2,4-DICHLOROPHENOL	1	ND	UG/KG	240	900	Jun 5, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/KG	250	900	Jun 5, 2002
2,4-DINITROPHENOL	1	ND	UG/KG	1400	4400	Jun 5, 2002
2,6-DICHLOROPHENOL	1	ND	UG/KG	140	900	Jun 5, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/KG	90	9000	Jun 5, 2002
2-CHLORONAPHTHALENE	1	ND	UG/KG	100	900	Jun 5, 2002
2-CHLOROPHENOL	1	ND	UG/KG	200	900	Jun 5, 2002
2-METHYLNAPHTHALENE	1	ND	UG/KG	160	900	Jun 5, 2002
2-METHYLPHENOL	1	ND	UG/KG	210	900	Jun 5, 2002
2-NAPHTHYLAMINE	1	ND	UG/KG	210	900	Jun 5, 2002
2-NITROANILINE	1	ND	UG/KG	220	4400	Jun 5, 2002
2-NITROPHENOL	1	ND	UG/KG	330	900	Jun 5, 2002
2-PICOLINE	1	ND	UG/KG	130	1800	Jun 5, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/KG	190	4400	Jun 5, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/KG	1100	1800	Jun 5, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/KG	110	1800	Jun 5, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/KG	200	900	Jun 5, 2002
3-NITROANILINE	1	ND	UG/KG	230	4400	Jun 5, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/KG	1100	4400	Jun 5, 2002
4-AMINOBIPHENYL	1	ND	UG/KG	900	4400	Jun 5, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/KG	190	900	Jun 5, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/KG	260	900	Jun 5, 2002
4-CHLOROANILINE	1	ND	UG/KG	130	900	Jun 5, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/KG	190	900	Jun 5, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/KG	150	1800	Jun 5, 2002
4-NITROANILINE	1	ND	UG/KG	170	4400	Jun 5, 2002
4-NITROPHENOL	1	ND	UG/KG	260	4400	Jun 5, 2002
4-PHENYLENEDIAMINE	1	ND	UG/KG	2300	4400	Jun 5, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/KG	160	1800	Jun 5, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/KG	140	1800	Jun 5, 2002
A,A-DIMETHYLPHENETHYLAMINE	1	ND	UG/KG	900	4400	Jun 5, 2002
ACENAPHTHENE	1	ND	UG/KG	130	900	Jun 5, 2002
ACENAPHTHYLENE	1	ND	UG/KG	93	900	Jun 5, 2002
ACETOPHENONE	1	ND	UG/KG	93	900	Jun 5, 2002
ANILINE	1	ND	UG/KG	160	900	Jun 5, 2002
ANTHRACENE	1	ND	UG/KG	210	900	Jun 5, 2002
ARAMITE	1	ND	UG/KG	120	1800	Jun 5, 2002
BENZO(A)ANTHRACENE	1	ND	UG/KG	110	900	Jun 5, 2002
BENZO(A)PYRENE	1	ND	UG/KG	260	900	Jun 5, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/KG	270	900	Jun 5, 2002
BENZO(GHI)PERYLENE	1	ND	UG/KG	190	900	Jun 5, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/KG	250	900	Jun 5, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-8SD1
Sampling Point: 8SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12P7-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BENZYL ALCOHOL	1	ND	UG/KG	210	900	Jun 5, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/KG	200	900	Jun 5, 2002
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/KG	130	900	Jun 5, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/KG	190	900	Jun 5, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/KG	190	900	Jun 5, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/KG	93	900	Jun 5, 2002
CHLOROBENZILATE	1	ND	UG/KG	120	900	Jun 5, 2002
CHRYSENE	1	ND	UG/KG	150	900	Jun 5, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/KG	210	900	Jun 5, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/KG	98	900	Jun 5, 2002
DIALLATE	1	ND	UG/KG	140	1800	Jun 5, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/KG	130	900	Jun 5, 2002
DIBENZOFURAN	1	ND	UG/KG	220	900	Jun 5, 2002
DIETHYL PHTHALATE	1	ND	UG/KG	140	1800	Jun 5, 2002
DIMETHOATE	1	ND	UG/KG	130	1800	Jun 5, 2002
DIMETHYL PHTHALATE	1	ND	UG/KG	230	900	Jun 5, 2002
DIPHENYLAMINE	1	ND	UG/KG	140	900	Jun 5, 2002
ETHYL METHANESULFONATE	1	ND	UG/KG	120	900	Jun 5, 2002
FAMPHUR	1	ND	UG/KG	270	1800	Jun 5, 2002
FLUORANTHENE	1	ND	UG/KG	230	900	Jun 5, 2002
FLUORENE	1	ND	UG/KG	210	900	Jun 5, 2002
HEXACHLOROBENZENE	1	ND	UG/KG	210	900	Jun 5, 2002
HEXACHLOROBUTADIENE	1	ND	UG/KG	270	900	Jun 5, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/KG	90	4400	Jun 5, 2002
HEXACHLOROETHANE	1	ND	UG/KG	140	900	Jun 5, 2002
HEXACHLOROPROPENE	1	ND	UG/KG	120	9000	Jun 5, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/KG	130	900	Jun 5, 2002
ISODRIN	1	ND	UG/KG	110	900	Jun 5, 2002
ISOPHORONE	1	ND	UG/KG	190	900	Jun 5, 2002
ISOSAFROLE	1	ND	UG/KG	100	1800	Jun 5, 2002
METHAPYRILENE	1	ND	UG/KG	110	4400	Jun 5, 2002
METHYL METHANESULFONATE	1	ND	UG/KG	140	900	Jun 5, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/KG	150	900	Jun 5, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/KG	240	900	Jun 5, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/KG	130	900	Jun 5, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/KG	160	900	Jun 5, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/KG	200	900	Jun 5, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/KG	110	900	Jun 5, 2002
N-NITROSOMORPHOLINE	1	ND	UG/KG	140	900	Jun 5, 2002
N-NITROSOPIPERIDINE	1	ND	UG/KG	190	900	Jun 5, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/KG	120	900	Jun 5, 2002
NAPHTHALENE	1	ND	UG/KG	190	900	Jun 5, 2002
NITROQUINOLINE-1-OXIDE	1	ND	UG/KG	1900	9000	Jun 5, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/KG	140	4400	Jun 5, 2002
O-TOLUIDINE	1	ND	UG/KG	270	1800	Jun 5, 2002
PARATHION	1	ND	UG/KG	130	4400	Jun 5, 2002
PENTACHLOROBENZENE	1	ND	UG/KG	110	900	Jun 5, 2002
PENTACHLOROETHANE	1	ND	UG/KG	140	4400	Jun 5, 2002
PENTACHLORONITROBENZENE	1	ND	UG/KG	150	4400	Jun 5, 2002
PENTACHLOROPHENOL	1	ND	UG/KG	1000	4400	Jun 5, 2002
PHENACETIN	1	ND	UG/KG	130	1800	Jun 5, 2002
PHENANTHRENE	1	ND	UG/KG	100	900	Jun 5, 2002
PHENOL	1	ND	UG/KG	190	900	Jun 5, 2002
PHORATE	1	ND	UG/KG	110	4400	Jun 5, 2002
PRONAMIDE	1	ND	UG/KG	140	1800	Jun 5, 2002
PYRENE	1	ND	UG/KG	110	900	Jun 5, 2002
PYRIDINE	1	ND	UG/KG	1100	1800	Jun 5, 2002
SAFROLE	1	ND	UG/KG	130	4400	Jun 5, 2002
SULFOTEPP	1	ND	UG/KG	130	2700	Jun 5, 2002
THIONAZIN	1	ND	UG/KG	170	4400	Jun 5, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	51.0 RPR	Jun 5, 2002
2-FLUOROBIPHENYL	1	55.0 RPR	Jun 5, 2002
2-FLUOROPHENOL	1	51.0 RPR	Jun 5, 2002
NITROBENZENE-D5	1	56.0 RPR	Jun 5, 2002
PHENOL-D5	1	50.0 RPR	Jun 5, 2002
TERPHENYL-D14	1	55.0 RPR	Jun 5, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-8SD1
Sampling Point: 8SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12P7-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3550/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/KG	26	330	Jun 5, 2002
1,3-DINITROBENZENE	1	ND	UG/KG	33	330	Jun 5, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/KG	21	330	Jun 5, 2002
2,4-DINITROTOLUENE	1	ND	UG/KG	22	330	Jun 5, 2002
2,6-DINITROTOLUENE	1	ND	UG/KG	25	330	Jun 5, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/KG	74	330	Jun 5, 2002
2-NITROTOLUENE	1	ND	UG/KG	41	330	Jun 5, 2002
3-NITROTOLUENE	1	ND	UG/KG	30	330	Jun 5, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND	UG/KG	20	330	Jun 5, 2002
4-NITROTOLUENE	1	ND	UG/KG	74	330	Jun 5, 2002
HMX	1	ND	UG/KG	22	330	Jun 5, 2002
NITROBENZENE	1	ND	UG/KG	60	330	Jun 5, 2002
NITROGLYCERIN	1	ND	UG/KG	460	1400	Jun 5, 2002
PETN	1	ND	UG/KG	380	1400	Jun 5, 2002
RDX	1	ND	UG/KG	20	330	Jun 5, 2002
TETRYL	1	ND	UG/KG	60	330	Jun 5, 2002
Surrogates:						
NITROBENZENE-D5	1	81.0 RPR				Jun 5, 2002

Comments:

6010B - TRAC (TIN): Detected in the method blank at 1.9 mg/kg. PQL is 10.0 mg/kg. Sample result was not corrected for the blank.
6020 (LEAD): Detected in the method blank at 0.0093 mg/kg. PQL is 0.10 mg/kg. Sample result was not corrected for the blank.
8260B (METHYLENE CHLORIDE): Detected in the method blank at 1.2 ug/kg. PQL is 5.0 ug/kg. Sample result was not corrected for the blank.
ALL RESULTS AND LIMITS ARE REPORTED ON A DRY WEIGHT BASIS

Qualifiers:

J The result is between MDL and PQL and should be considered an estimate.

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-8SW1
Sampling Point: 8SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12M9-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3010A/6010B - TRAC						
ANTIMONY	1	ND	UG/L	3.7	10.0	Jun 4, 2002
BARIUM	1	31.7	UG/L	1.8	10.0	Jun 4, 2002
BERYLLIUM	1	ND	UG/L	0.56	5.0	Jun 4, 2002
CADMIUM	1	ND	UG/L	0.30	5.0	Jun 4, 2002
CHROMIUM	1	1.8 B	UG/L	0.74	10.0	Jun 4, 2002
COBALT	1	2.2 B	UG/L	0.92	10.0	Jun 4, 2002
COPPER	1	1.3 B	UG/L	0.76	10.0	Jun 4, 2002
NICKEL	1	2.3 B	UG/L	1.7	40.0	Jun 4, 2002
SILVER	1	ND	UG/L	0.54	10.0	Jun 4, 2002
TIN	1	ND	UG/L	3.4	100	Jun 4, 2002
VANADIUM	1	2.8 B	UG/L	0.61	10.0	Jun 4, 2002
ZINC	1	14.4 B	UG/L	6.8	20.0	Jun 4, 2002
Prep/Method: 3010/6020						
ARSENIC	1	0.40 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD	1	1.2	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM	1	ND	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM	1	0.023 B	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY	1	0.029 B	UG/L	0.028	0.20	Jun 5, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/L	0.28	1.0	May 31, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/L	0.32	1.0	May 31, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/L	0.50	1.0	May 31, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/L	0.41	1.0	May 31, 2002
1,1-DICHLOROETHANE	1	ND	UG/L	0.29	1.0	May 31, 2002
1,1-DICHLOROETHENE	1	ND	UG/L	0.31	1.0	May 31, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/L	0.76	1.0	May 31, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/L	0.49	2.0	May 31, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/L	0.46	1.0	May 31, 2002
1,2-DICHLOROETHANE	1	ND	UG/L	0.43	1.0	May 31, 2002
1,2-DICHLOROPROPANE	1	ND	UG/L	0.38	1.0	May 31, 2002
1,4-DIOXANE	1	ND	UG/L	36	200	May 31, 2002
2-BUTANONE (MEK)	1	ND	UG/L	2.4	5.0	May 31, 2002
2-HEXANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
4-METHYL-2-PENTANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
ACETONE	1	3.2 J	UG/L	2.9	10	May 31, 2002
ACETONITRILE	1	ND	UG/L	15	20	May 31, 2002
ACROLEIN	1	ND	UG/L	4.7	20	May 31, 2002
ACRYLONITRILE	1	ND	UG/L	4.9	20	May 31, 2002
ALLYL CHLORIDE	1	ND	UG/L	0.64	2.0	May 31, 2002
BENZENE	1	ND	UG/L	0.27	1.0	May 31, 2002
BROMODICHLOROMETHANE	1	ND	UG/L	0.35	1.0	May 31, 2002
BROMOFORM	1	ND	UG/L	0.46	1.0	May 31, 2002
BROMOMETHANE	1	ND	UG/L	0.28	2.0	May 31, 2002
CARBON DISULFIDE	1	ND	UG/L	0.67	1.0	May 31, 2002
CARBON TETRACHLORIDE	1	ND	UG/L	0.35	1.0	May 31, 2002
CHLOROBENZENE	1	ND	UG/L	0.24	1.0	May 31, 2002
CHLOROETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROFORM	1	ND	UG/L	0.29	1.0	May 31, 2002
CHLOROMETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROPRENE	1	ND	UG/L	0.35	1.0	May 31, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/L	0.33	1.0	May 31, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.31	1.0	May 31, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/L	0.37	1.0	May 31, 2002
DIBROMOMETHANE	1	ND	UG/L	0.40	1.0	May 31, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/L	0.44	2.0	May 31, 2002
ETHYL METHACRYLATE	1	ND	UG/L	0.79	1.0	May 31, 2002
ETHYLBENZENE	1	ND	UG/L	0.51	1.0	May 31, 2002
IODOMETHANE	1	ND	UG/L	0.42	1.0	May 31, 2002
ISOBUTYL ALCOHOL	1	ND	UG/L	26	50	May 31, 2002
METHACRYLONITRILE	1	ND	UG/L	4.7	10	May 31, 2002
METHYL METHACRYLATE	1	ND	UG/L	0.81	1.0	May 31, 2002
METHYLENE CHLORIDE	1	ND	UG/L	0.86	1.0	May 31, 2002
PROPIONITRILE	1	ND	UG/L	8.2	10	May 31, 2002
STYRENE	1	ND	UG/L	0.28	1.0	May 31, 2002
TETRACHLOROETHENE	1	ND	UG/L	0.27	1.0	May 31, 2002
TOLUENE	1	ND	UG/L	0.26	1.0	May 31, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-8SW1
Sampling Point: 8SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12M9-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
TRANS-1,2-DICHLOROETHENE	1	ND	UG/L	0.25	0.50	May 31, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.36	1.0	May 31, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/L	0.70	1.0	May 31, 2002
TRICHLOROETHENE	1	ND	UG/L	0.24	1.0	May 31, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/L	0.43	2.0	May 31, 2002
VINYL ACETATE	1	ND	UG/L	0.91	2.0	May 31, 2002
VINYL CHLORIDE	1	ND	UG/L	0.26	1.0	May 31, 2002
XYLENES (TOTAL)	1	ND	UG/L	0.73	2.0	May 31, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	98.0 RPR				May 31, 2002
4-BROMOFLUOROBENZENE	1	99.0 RPR				May 31, 2002
DIBROMOFLUOROMETHANE	1	97.0 RPR				May 31, 2002
TOLUENE-D8	1	101.0 RPR				May 31, 2002
Prep/Method: 3520C/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/L	1.8	10	Jun 2, 2002
1,2-DICHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,3-DICHLOROBENZENE	1	ND	UG/L	2.5	10	Jun 2, 2002
1,4-DICHLOROBENZENE	1	ND	UG/L	2.2	10	Jun 2, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/L	1.8	50	Jun 2, 2002
1-NAPHTHYLAMINE	1	ND	UG/L	3.3	10	Jun 2, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/L	2.2	50	Jun 2, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4-DICHLOROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2,4-DINITROPHENOL	1	ND	UG/L	16	50	Jun 2, 2002
2,6-DICHLOROPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/L	1.8	100	Jun 2, 2002
2-CHLORONAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
2-CHLOROPHENOL	1	ND	UG/L	1.5	10	Jun 2, 2002
2-METHYLNAPHTHALENE	1	ND	UG/L	1.9	10	Jun 2, 2002
2-METHYLPHENOL	1	ND	UG/L	1.6	10	Jun 2, 2002
2-NAPHTHYLAMINE	1	ND	UG/L	2.6	10	Jun 2, 2002
2-NITROANILINE	1	ND	UG/L	1.6	50	Jun 2, 2002
2-NITROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2-PICOLINE	1	ND	UG/L	1.2	20	Jun 2, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/L	16	50	Jun 2, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/L	10	20	Jun 2, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/L	4.8	20	Jun 2, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
3-NITROANILINE	1	ND	UG/L	6.7	50	Jun 2, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/L	15	50	Jun 2, 2002
4-AMINOBIPHENYL	1	ND	UG/L	1.6	50	Jun 2, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLOROANILINE	1	ND	UG/L	7.3	10	Jun 2, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/L	1.5	10	Jun 2, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/L	3.2	20	Jun 2, 2002
4-NITROANILINE	1	ND	UG/L	4.4	50	Jun 2, 2002
4-NITROPHENOL	1	ND	UG/L	7.1	50	Jun 2, 2002
4-NITROQUINOLINE-1-OXIDE	1	ND	UG/L	22	100	Jun 2, 2002
4-PHENYLENEDIAMINE	1	ND	UG/L	17	100	Jun 2, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/L	3.0	20	Jun 2, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/L	1.5	20	Jun 2, 2002
ACENAPHTHENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACENAPHTHYLENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACETOPHENONE	1	ND	UG/L	1.4	10	Jun 2, 2002
ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE	1	ND	UG/L	13	50	Jun 2, 2002
ANILINE	1	ND	UG/L	1.2	10	Jun 2, 2002
ANTHRACENE	1	ND	UG/L	1.2	10	Jun 2, 2002
ARAMITE	1	ND	UG/L	5.3	20	Jun 2, 2002
BENZO(A)ANTHRACENE	1	ND	UG/L	1.3	10	Jun 2, 2002
BENZO(A)PYRENE	1	ND	UG/L	1.9	10	Jun 2, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZO(GHI)PERYLENE	1	ND	UG/L	1.1	10	Jun 2, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZYL ALCOHOL	1	ND	UG/L	3.0	10	Jun 2, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/L	1.4	10	Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-8SW1
Sampling Point: 8SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12M9-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/L	1.8	10	Jun 2, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/L	1.9	10	Jun 2, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/L	1.9	10	Jun 2, 2002
CHLOROBENZILATE	1	ND	UG/L	2.1	10	Jun 2, 2002
CHRYSENE	1	ND	UG/L	1.5	10	Jun 2, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/L	2.1	10	Jun 2, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIALLATE	1	ND	UG/L	2.1	20	Jun 2, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/L	1.6	10	Jun 2, 2002
DIBENZOFURAN	1	ND	UG/L	1.3	10	Jun 2, 2002
DIETHYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIMETHOATE	1	ND	UG/L	1.8	20	Jun 2, 2002
DIMETHYL PHTHALATE	1	ND	UG/L	1.8	10	Jun 2, 2002
DIPHENYLAMINE	1	ND	UG/L	1.4	10	Jun 2, 2002
ETHYL METHANESULFONATE	1	ND	UG/L	2.7	10	Jun 2, 2002
FAMPHUR	1	ND	UG/L	24	200	Jun 2, 2002
FLUORANTHENE	1	ND	UG/L	2.0	10	Jun 2, 2002
FLUORENE	1	ND	UG/L	1.4	10	Jun 2, 2002
HEXACHLOROBENZENE	1	ND	UG/L	1.5	10	Jun 2, 2002
HEXACHLOROBUTADIENE	1	ND	UG/L	3.3	10	Jun 2, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/L	9.1	50	Jun 2, 2002
HEXACHLOROETHANE	1	ND	UG/L	3.0	10	Jun 2, 2002
HEXACHLOROPROPENE	1	ND	UG/L	1.5	100	Jun 2, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/L	1.3	10	Jun 2, 2002
ISODRIN	1	ND	UG/L	2.0	10	Jun 2, 2002
ISOPHORONE	1	ND	UG/L	1.6	10	Jun 2, 2002
ISOSAFROLE	1	ND	UG/L	1.9	20	Jun 2, 2002
METHAPYRILENE	1	ND	UG/L	18	50	Jun 2, 2002
METHYL METHANESULFONATE	1	ND	UG/L	6.0	10	Jun 2, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/L	1.6	10	Jun 2, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/L	1.7	10	Jun 2, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/L	5.3	10	Jun 2, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/L	3.0	10	Jun 2, 2002
N-NITROSOMORPHOLINE	1	ND	UG/L	3.9	10	Jun 2, 2002
N-NITROSOPIPERIDINE	1	ND	UG/L	1.9	10	Jun 2, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/L	2.4	10	Jun 2, 2002
NAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/L	2.4	50	Jun 2, 2002
O-TOLUIDINE	1	ND	UG/L	1.2	10	Jun 2, 2002
PARATHION	1	ND	UG/L	1.5	50	Jun 2, 2002
PENTACHLOROBENZENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PENTACHLOROETHANE	1	ND	UG/L	1.9	50	Jun 2, 2002
PENTACHLORONITROBENZENE	1	ND	UG/L	2.0	50	Jun 2, 2002
PENTACHLOROPHENOL	1	ND	UG/L	7.7	50	Jun 2, 2002
PHENACETIN	1	ND	UG/L	4.2	20	Jun 2, 2002
PHENANTHRENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
PHORATE	1	ND	UG/L	1.8	50	Jun 2, 2002
PRONAMIDE	1	ND	UG/L	1.4	20	Jun 2, 2002
PYRENE	1	ND	UG/L	1.7	10	Jun 2, 2002
PYRIDINE	1	ND	UG/L	12	20	Jun 2, 2002
SAFROLE	1	ND	UG/L	2.0	50	Jun 2, 2002
SULFOTEPP	1	ND	UG/L	2.1	50	Jun 2, 2002
THIONAZIN	1	ND	UG/L	2.2	10	Jun 2, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	65.0 RPR				Jun 2, 2002
2-FLUOROBIPHENYL	1	75.0 RPR				Jun 2, 2002
2-FLUOROPHENOL	1	64.0 RPR				Jun 2, 2002
NITROBENZENE-D5	1	73.0 RPR				Jun 2, 2002
PHENOL-D5	1	66.0 RPR				Jun 2, 2002
TERPHENYL-D14	1	72.0 RPR				Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-8SW1
Sampling Point: 8SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12M9-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: SW3535/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
1,3-DINITROBENZENE	1	ND	UG/L	0.023	0.12	Jun 4, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/L	0.021	0.12	Jun 4, 2002
2,4-DINITROTOLUENE	1	ND	UG/L	0.026	0.12	Jun 4, 2002
2,6-DINITROTOLUENE	1	ND	UG/L	0.022	0.12	Jun 4, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/L	0.036	0.12	Jun 4, 2002
2-NITROTOLUENE	1	ND	UG/L	0.026	0.12	Jun 4, 2002
3-NITROTOLUENE	1	ND	UG/L	0.027	0.12	Jun 4, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND	UG/L	0.020	0.12	Jun 4, 2002
4-NITROTOLUENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROGLYCERIN	1	ND	UG/L	0.030	0.12	Jun 4, 2002
PETN	1	ND	UG/L	0.051	0.12	Jun 4, 2002
TETRYL	1	ND UJ	UG/L	0.024	0.12	Jun 4, 2002
Surrogates:						
NITROBENZENE-D5	1	77.0 RPR				Jun 4, 2002

Comments:

8270C (BIS(2-ETHYLHEXYL) PHTHALATE): Detected in the method blank at 2.4 ug/L. PQL is 10 ug/L. Sample result was not corrected for the blank.

Qualifiers:

UJ The constituent was analyzed for, but was not detected. The result is an estimate and may be inaccurate or imprecise.
J The result is between MDL and PQL and should be considered an estimate.

Prep/Method: SW3535/8321						
HMX	5	ND	UG/L	0.20	0.60	Jun 4, 2002
RDX	5	ND	UG/L	0.10	0.60	Jun 4, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-8SW1-DIS
Sampling Point: 8SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12NA-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3005/6010B - TRAC						
ANTIMONY-DISSOLVED	1	ND	UG/L	3.7	10.0	Jun 10, 2002
BARIUM-DISSOLVED	1	14.3	UG/L	1.8	10.0	Jun 10, 2002
BERYLLIUM-DISSOLVED	1	ND	UG/L	0.56	5.0	Jun 10, 2002
CADMIUM-DISSOLVED	1	ND	UG/L	0.30	5.0	Jun 10, 2002
CHROMIUM-DISSOLVED	1	ND	UG/L	0.74	10.0	Jun 10, 2002
COBALT-DISSOLVED	1	ND	UG/L	0.92	10.0	Jun 10, 2002
COPPER-DISSOLVED	1	2.2 B	UG/L	0.76	10.0	Jun 10, 2002
NICKEL-DISSOLVED	1	ND	UG/L	1.7	40.0	Jun 10, 2002
SILVER-DISSOLVED	1	ND	UG/L	0.54	10.0	Jun 10, 2002
TIN-DISSOLVED	1	ND	UG/L	3.4	100	Jun 10, 2002
VANADIUM-DISSOLVED	1	ND	UG/L	0.61	10.0	Jun 10, 2002
ZINC-DISSOLVED	1	9.4 B	UG/L	6.8	20.0	Jun 10, 2002
Prep/Method: 3005/6020						
ARSENIC-DISSOLVED	1	0.31 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD-DISSOLVED	1	0.43 B	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM-DISSOLVED	1	ND	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM-DISSOLVED	1	ND	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY-DISSOLVED	1	ND	UG/L	0.028	0.20	Jun 5, 2002

Qualifiers:

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-9SD1
Sampling Point: 9SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12QA-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 160.3 MOD/160.3 MOD						
PERCENT MOISTURE	1	29.1	%		0.10	May 31, 2002
Prep/Method: 3050B/6010B - TRAC						
ANTIMONY	1	ND	MG/KG	0.62	1.4	Jun 8, 2002
BARIUM	1	39.1	MG/KG	0.48	1.4	Jun 8, 2002
BERYLLIUM	1	0.12 B	MG/KG	0.12	0.71	Jun 8, 2002
CADMIUM	1	ND	MG/KG	0.051	0.71	Jun 8, 2002
CHROMIUM	1	20.6	MG/KG	0.10	1.4	Jun 8, 2002
COBALT	1	6.0	MG/KG	0.10	1.4	Jun 8, 2002
COPPER	1	15.7	MG/KG	0.27	2.8	Jun 8, 2002
NICKEL	1	10.6	MG/KG	0.25	5.6	Jun 8, 2002
SILVER	1	0.18 B	MG/KG	0.089	1.4	Jun 8, 2002
TIN	1	1.3 B J	MG/KG	0.44	14.1	Jun 8, 2002
VANADIUM	1	44.3	MG/KG	0.094	1.4	Jun 8, 2002
ZINC	1	22.3	MG/KG	0.75	2.8	Jun 8, 2002
Prep/Method: 3050B/6020						
ARSENIC	1	2.1	MG/KG	0.024	0.71	Jun 6, 2002
LEAD	1	12.3 J	MG/KG	0.0059	0.14	Jun 6, 2002
SELENIUM	1	0.25 B	MG/KG	0.069	0.71	Jun 6, 2002
THALLIUM	1	0.066 B	MG/KG	0.0014	0.14	Jun 6, 2002
Prep/Method: 7471A/7471A						
MERCURY	1	0.21	MG/KG	0.0035	0.047	Jun 4, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/KG	1.4	7.1	Jun 3, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/KG	1.4	7.1	Jun 3, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/KG	1.6	7.1	Jun 3, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/KG	2.1	7.1	Jun 3, 2002
1,1-DICHLOROETHANE	1	ND	UG/KG	1.4	7.1	Jun 3, 2002
1,1-DICHLOROETHENE	1	ND	UG/KG	1.6	7.1	Jun 3, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/KG	2.1	7.1	Jun 3, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/KG	2.0	14	Jun 3, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/KG	1.3	7.1	Jun 3, 2002
1,2-DICHLOROETHANE	1	ND	UG/KG	1.4	7.1	Jun 3, 2002
1,2-DICHLOROPROPANE	1	ND	UG/KG	1.7	7.1	Jun 3, 2002
1,4-DIOXANE	1	ND	UG/KG	110	710	Jun 3, 2002
2-BUTANONE (MEK)	1	ND	UG/KG	6.6	28	Jun 3, 2002
2-HEXANONE	1	ND	UG/KG	6.5	28	Jun 3, 2002
4-METHYL-2-PENTANONE	1	ND	UG/KG	5.5	28	Jun 3, 2002
ACETONE	1	ND	UG/KG	6.5	28	Jun 3, 2002
ACETONITRILE	1	ND	UG/KG	34	140	Jun 3, 2002
ACROLEIN	1	ND	UG/KG	24	140	Jun 3, 2002
ACRYLONITRILE	1	ND	UG/KG	21	140	Jun 3, 2002
ALLYL CHLORIDE	1	ND	UG/KG	1.3	14	Jun 3, 2002
BENZENE	1	ND	UG/KG	1.3	7.1	Jun 3, 2002
BROMODICHLOROMETHANE	1	ND	UG/KG	1.3	7.1	Jun 3, 2002
BROMOFORM	1	ND	UG/KG	1.3	7.1	Jun 3, 2002
BROMOMETHANE	1	ND	UG/KG	1.7	14	Jun 3, 2002
CARBON DISULFIDE	1	ND	UG/KG	1.3	7.1	Jun 3, 2002
CARBON TETRACHLORIDE	1	ND	UG/KG	1.7	7.1	Jun 3, 2002
CHLOROBENZENE	1	ND	UG/KG	1.1	7.1	Jun 3, 2002
CHLOROETHANE	1	ND	UG/KG	1.8	14	Jun 3, 2002
CHLOROFORM	1	ND	UG/KG	1.3	14	Jun 3, 2002
CHLOROMETHANE	1	ND	UG/KG	2.1	14	Jun 3, 2002
CHLOROPRENE	1	ND	UG/KG	1.2	7.1	Jun 3, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/KG	1.2	3.5	Jun 3, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/KG	1.4	7.1	Jun 3, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/KG	1.3	7.1	Jun 3, 2002
DIBROMOMETHANE	1	ND	UG/KG	1.8	7.1	Jun 3, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/KG	2.3	14	Jun 3, 2002
ETHYL METHACRYLATE	1	ND	UG/KG	1.3	7.1	Jun 3, 2002
ETHYLBENZENE	1	ND	UG/KG	1.7	7.1	Jun 3, 2002
IODOMETHANE	1	ND	UG/KG	1.2	7.1	Jun 3, 2002
ISOBUTYL ALCOHOL	1	ND	UG/KG	59	280	Jun 3, 2002
METHACRYLONITRILE	1	ND	UG/KG	20	71	Jun 3, 2002
METHYL METHACRYLATE	1	ND	UG/KG	2.0	7.1	Jun 3, 2002
METHYLENE CHLORIDE	1	1.4 J B	UG/KG	1.1	7.1	Jun 3, 2002
PROPIONITRILE	1	ND	UG/KG	24	71	Jun 3, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-9SD1
Sampling Point: 9SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12QA-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
STYRENE	1	ND	UG/KG	0.93	7.1	Jun 3, 2002
TETRACHLOROETHENE	1	ND	UG/KG	1.4	7.1	Jun 3, 2002
TOLUENE	1	ND	UG/KG	1.1	7.1	Jun 3, 2002
TRANS-1,2-DICHLOROETHENE	1	ND	UG/KG	1.1	3.5	Jun 3, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/KG	1.4	7.1	Jun 3, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/KG	1.6	7.1	Jun 3, 2002
TRICHLOROETHENE	1	ND	UG/KG	1.2	7.1	Jun 3, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/KG	0.72	14	Jun 3, 2002
VINYL ACETATE	1	ND	UG/KG	3.4	14	Jun 3, 2002
VINYL CHLORIDE	1	ND	UG/KG	1.6	7.1	Jun 3, 2002
XYLENES (TOTAL)	1	ND	UG/KG	3.9	7.1	Jun 3, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	108.0 RPR				Jun 3, 2002
4-BROMOFLUOROBENZENE	1	91.0 RPR				Jun 3, 2002
DIBROMOFLUOROMETHANE	1	110.0 RPR				Jun 3, 2002
TOLUENE-D8	1	111.0 RPR				Jun 3, 2002
Prep/Method: 3550/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/KG	48	470	Jun 5, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/KG	90	470	Jun 5, 2002
1,2-DICHLOROBENZENE	1	ND	UG/KG	90	470	Jun 5, 2002
1,3-DICHLOROBENZENE	1	ND	UG/KG	100	470	Jun 5, 2002
1,4-DICHLOROBENZENE	1	ND	UG/KG	78	470	Jun 5, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/KG	47	2300	Jun 5, 2002
1-NAPHTHYLAMINE	1	ND	UG/KG	120	470	Jun 5, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/KG	580	2300	Jun 5, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/KG	71	470	Jun 5, 2002
2,4-DICHLOROPHENOL	1	ND	UG/KG	120	470	Jun 5, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/KG	130	470	Jun 5, 2002
2,4-DINITROPHENOL	1	ND	UG/KG	710	2300	Jun 5, 2002
2,6-DICHLOROPHENOL	1	ND	UG/KG	73	470	Jun 5, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/KG	47	4700	Jun 5, 2002
2-CHLORONAPHTHALENE	1	ND	UG/KG	54	470	Jun 5, 2002
2-CHLOROPHENOL	1	ND	UG/KG	100	470	Jun 5, 2002
2-METHYLNAPHTHALENE	1	ND	UG/KG	83	470	Jun 5, 2002
2-METHYLPHENOL	1	ND	UG/KG	110	470	Jun 5, 2002
2-NAPHTHYLAMINE	1	ND	UG/KG	110	470	Jun 5, 2002
2-NITROANILINE	1	ND	UG/KG	110	2300	Jun 5, 2002
2-NITROPHENOL	1	ND	UG/KG	170	470	Jun 5, 2002
2-PICOLINE	1	ND	UG/KG	68	930	Jun 5, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/KG	99	2300	Jun 5, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/KG	560	930	Jun 5, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/KG	55	930	Jun 5, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/KG	100	470	Jun 5, 2002
3-NITROANILINE	1	ND	UG/KG	120	2300	Jun 5, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/KG	590	2300	Jun 5, 2002
4-AMINOBIPHENYL	1	ND	UG/KG	470	2300	Jun 5, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/KG	100	470	Jun 5, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/KG	130	470	Jun 5, 2002
4-CHLOROANILINE	1	ND	UG/KG	66	470	Jun 5, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/KG	100	470	Jun 5, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/KG	79	930	Jun 5, 2002
4-NITROANILINE	1	ND	UG/KG	90	2300	Jun 5, 2002
4-NITROPHENOL	1	ND	UG/KG	130	2300	Jun 5, 2002
4-PHENYLENEDIAMINE	1	ND	UG/KG	1200	2300	Jun 5, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/KG	83	930	Jun 5, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/KG	71	930	Jun 5, 2002
A,A-DIMETHYLPHENETHYLAMINE	1	ND	UG/KG	470	2300	Jun 5, 2002
ACENAPHTHENE	1	ND	UG/KG	65	470	Jun 5, 2002
ACENAPHTHYLENE	1	ND	UG/KG	48	470	Jun 5, 2002
ACETOPHENONE	1	ND	UG/KG	48	470	Jun 5, 2002
ANILINE	1	ND	UG/KG	80	470	Jun 5, 2002
ANTHRACENE	1	ND	UG/KG	110	470	Jun 5, 2002
ARAMITE	1	ND	UG/KG	61	930	Jun 5, 2002
BENZO(A)ANTHRACENE	1	ND	UG/KG	55	470	Jun 5, 2002
BENZO(A)PYRENE	1	ND	UG/KG	130	470	Jun 5, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/KG	140	470	Jun 5, 2002
BENZO(GHI)PERYLENE	1	ND	UG/KG	99	470	Jun 5, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/KG	130	470	Jun 5, 2002
BENZYL ALCOHOL	1	ND	UG/KG	110	470	Jun 5, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-9SD1
Sampling Point: 9SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12QA-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/KG	100	470	Jun 5, 2002
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/KG	69	470	Jun 5, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/KG	97	470	Jun 5, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	ND	UG/KG	97	470	Jun 5, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/KG	48	470	Jun 5, 2002
CHLOROBENZILATE	1	ND	UG/KG	63	470	Jun 5, 2002
CHRYSENE	1	ND	UG/KG	75	470	Jun 5, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/KG	110	470	Jun 5, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/KG	51	470	Jun 5, 2002
DIALLATE	1	ND	UG/KG	72	930	Jun 5, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/KG	66	470	Jun 5, 2002
DIBENZOFURAN	1	ND	UG/KG	120	470	Jun 5, 2002
DIETHYL PHTHALATE	1	ND	UG/KG	75	930	Jun 5, 2002
DIMETHOATE	1	ND	UG/KG	66	930	Jun 5, 2002
DIMETHYL PHTHALATE	1	ND	UG/KG	120	470	Jun 5, 2002
DIPHENYLAMINE	1	ND	UG/KG	73	470	Jun 5, 2002
ETHYL METHANESULFONATE	1	ND	UG/KG	63	470	Jun 5, 2002
FAMPHUR	1	ND	UG/KG	140	930	Jun 5, 2002
FLUORANTHENE	1	ND	UG/KG	120	470	Jun 5, 2002
FLUORENE	1	ND	UG/KG	110	470	Jun 5, 2002
HEXACHLOROBENZENE	1	ND	UG/KG	110	470	Jun 5, 2002
HEXACHLOROBUTADIENE	1	ND	UG/KG	140	470	Jun 5, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/KG	47	2300	Jun 5, 2002
HEXACHLOROETHANE	1	ND	UG/KG	71	470	Jun 5, 2002
HEXACHLOROPROPENE	1	ND	UG/KG	61	4700	Jun 5, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/KG	68	470	Jun 5, 2002
ISODRIN	1	ND	UG/KG	56	470	Jun 5, 2002
ISOPHORONE	1	ND	UG/KG	96	470	Jun 5, 2002
ISOSAFROLE	1	ND	UG/KG	52	930	Jun 5, 2002
METHAPYRILENE	1	ND	UG/KG	58	2300	Jun 5, 2002
METHYL METHANESULFONATE	1	ND	UG/KG	75	470	Jun 5, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/KG	79	470	Jun 5, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/KG	120	470	Jun 5, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/KG	66	470	Jun 5, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/KG	83	470	Jun 5, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/KG	100	470	Jun 5, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/KG	56	470	Jun 5, 2002
N-NITROSOMORPHOLINE	1	ND	UG/KG	74	470	Jun 5, 2002
N-NITROSOPIPERIDINE	1	ND	UG/KG	97	470	Jun 5, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/KG	61	470	Jun 5, 2002
NAPHTHALENE	1	ND	UG/KG	99	470	Jun 5, 2002
NITROQUINOLINE-1-OXIDE	1	ND	UG/KG	1000	4700	Jun 5, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/KG	73	2300	Jun 5, 2002
O-TOLUIDINE	1	ND	UG/KG	140	930	Jun 5, 2002
PARATHION	1	ND	UG/KG	66	2300	Jun 5, 2002
PENTACHLOROBENZENE	1	ND	UG/KG	56	470	Jun 5, 2002
PENTACHLOROETHANE	1	ND	UG/KG	72	2300	Jun 5, 2002
PENTACHLORONITROBENZENE	1	ND	UG/KG	79	2300	Jun 5, 2002
PENTACHLOROPHENOL	1	ND	UG/KG	520	2300	Jun 5, 2002
PHENACETIN	1	ND	UG/KG	69	930	Jun 5, 2002
PHENANTHRENE	1	ND	UG/KG	52	470	Jun 5, 2002
PHENOL	1	ND	UG/KG	100	470	Jun 5, 2002
PHORATE	1	ND	UG/KG	58	2300	Jun 5, 2002
PRONAMIDE	1	ND	UG/KG	71	930	Jun 5, 2002
PYRENE	1	57 J	UG/KG	56	470	Jun 5, 2002
PYRIDINE	1	ND	UG/KG	560	930	Jun 5, 2002
SAFROLE	1	ND	UG/KG	69	2300	Jun 5, 2002
SULFOTEPP	1	ND	UG/KG	68	1400	Jun 5, 2002
THIONAZIN	1	ND	UG/KG	87	2300	Jun 5, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	71.0 RPR				Jun 5, 2002
2-FLUOROBIPHENYL	1	70.0 RPR				Jun 5, 2002
2-FLUOROPHENOL	1	63.0 RPR				Jun 5, 2002
NITROBENZENE-D5	1	70.0 RPR				Jun 5, 2002
PHENOL-D5	1	65.0 RPR				Jun 5, 2002
TERPHENYL-D14	1	74.0 RPR				Jun 5, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-E-9SD1
Sampling Point: 9SD1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12QA-1 Analysis Lab: QES-DEN
Sample Type: SEDIMENT
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3550/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/KG	13	170	Jun 5, 2002
1,3-DINITROBENZENE	1	ND	UG/KG	17	170	Jun 5, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/KG	11	170	Jun 5, 2002
2,4-DINITROTOLUENE	1	ND	UG/KG	11	170	Jun 5, 2002
2,6-DINITROTOLUENE	1	ND	UG/KG	13	170	Jun 5, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/KG	38	170	Jun 5, 2002
2-NITROTOLUENE	1	ND	UG/KG	21	170	Jun 5, 2002
3-NITROTOLUENE	1	ND	UG/KG	16	170	Jun 5, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND	UG/KG	10	170	Jun 5, 2002
4-NITROTOLUENE	1	ND	UG/KG	38	170	Jun 5, 2002
HMX	1	ND	UG/KG	11	170	Jun 5, 2002
NITROBENZENE	1	ND	UG/KG	31	170	Jun 5, 2002
NITROGLYCERIN	1	ND	UG/KG	240	710	Jun 5, 2002
PETN	1	ND	UG/KG	200	710	Jun 5, 2002
RDX	1	ND	UG/KG	11	170	Jun 5, 2002
TETRYL	1	ND	UG/KG	31	170	Jun 5, 2002
Surrogates:						
NITROBENZENE-D5	1	84.0 RPR				Jun 5, 2002

Comments:

6010B - TRAC (TIN): Detected in the method blank at 1.9 mg/kg. PQL is 10.0 mg/kg. Sample result was not corrected for the blank.
6020 (LEAD): Detected in the method blank at 0.0093 mg/kg. PQL is 0.10 mg/kg. Sample result was not corrected for the blank.
8260B (METHYLENE CHLORIDE): Detected in the method blank at 1.2 ug/kg. PQL is 5.0 ug/kg. Sample result was not corrected for the blank.
ALL RESULTS AND LIMITS ARE REPORTED ON A DRY WEIGHT BASIS

Qualifiers:

J The result is between MDL and PQL and should be considered an estimate.

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-9SW1
Sampling Point: 9SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12NC-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3010A/6010B - TRAC						
ANTIMONY	1	ND	UG/L	3.7	10.0	Jun 4, 2002
BARIUM	1	33.6	UG/L	1.8	10.0	Jun 4, 2002
BERYLLIUM	1	ND	UG/L	0.56	5.0	Jun 4, 2002
CADMIUM	1	ND	UG/L	0.30	5.0	Jun 4, 2002
CHROMIUM	1	ND	UG/L	0.74	10.0	Jun 4, 2002
COBALT	1	ND	UG/L	0.92	10.0	Jun 4, 2002
COPPER	1	1.9 B	UG/L	0.76	10.0	Jun 4, 2002
NICKEL	1	2.3 B	UG/L	1.7	40.0	Jun 4, 2002
SILVER	1	ND	UG/L	0.54	10.0	Jun 4, 2002
TIN	1	ND	UG/L	3.4	100	Jun 4, 2002
VANADIUM	1	ND	UG/L	0.61	10.0	Jun 4, 2002
ZINC	1	17.4 B	UG/L	6.8	20.0	Jun 4, 2002
Prep/Method: 3010/6020						
ARSENIC	1	0.13 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD	1	0.50 B	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM	1	ND	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM	1	ND	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY	1	ND	UG/L	0.028	0.20	Jun 5, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/L	0.28	1.0	May 31, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/L	0.32	1.0	May 31, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/L	0.50	1.0	May 31, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/L	0.41	1.0	May 31, 2002
1,1-DICHLOROETHANE	1	ND	UG/L	0.29	1.0	May 31, 2002
1,1-DICHLOROETHENE	1	ND	UG/L	0.31	1.0	May 31, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/L	0.76	1.0	May 31, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/L	0.49	2.0	May 31, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/L	0.46	1.0	May 31, 2002
1,2-DICHLOROETHANE	1	ND	UG/L	0.43	1.0	May 31, 2002
1,2-DICHLOROPROPANE	1	ND	UG/L	0.38	1.0	May 31, 2002
1,4-DIOXANE	1	ND	UG/L	36	200	May 31, 2002
2-BUTANONE (MEK)	1	ND	UG/L	2.4	5.0	May 31, 2002
2-HEXANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
4-METHYL-2-PENTANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
ACETONE	1	3.0 J	UG/L	2.9	10	May 31, 2002
ACETONITRILE	1	ND	UG/L	15	20	May 31, 2002
ACROLEIN	1	ND	UG/L	4.7	20	May 31, 2002
ACRYLONITRILE	1	ND	UG/L	4.9	20	May 31, 2002
ALLYL CHLORIDE	1	ND	UG/L	0.64	2.0	May 31, 2002
BENZENE	1	ND	UG/L	0.27	1.0	May 31, 2002
BROMODICHLOROMETHANE	1	ND	UG/L	0.35	1.0	May 31, 2002
BROMOFORM	1	ND	UG/L	0.46	1.0	May 31, 2002
BROMOMETHANE	1	ND	UG/L	0.28	2.0	May 31, 2002
CARBON DISULFIDE	1	ND	UG/L	0.67	1.0	May 31, 2002
CARBON TETRACHLORIDE	1	ND	UG/L	0.35	1.0	May 31, 2002
CHLOROBENZENE	1	ND	UG/L	0.24	1.0	May 31, 2002
CHLOROETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROFORM	1	ND	UG/L	0.29	1.0	May 31, 2002
CHLOROMETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROPRENE	1	ND	UG/L	0.35	1.0	May 31, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/L	0.33	1.0	May 31, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.31	1.0	May 31, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/L	0.37	1.0	May 31, 2002
DIBROMOMETHANE	1	ND	UG/L	0.40	1.0	May 31, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/L	0.44	2.0	May 31, 2002
ETHYL METHACRYLATE	1	ND	UG/L	0.79	1.0	May 31, 2002
ETHYLBENZENE	1	ND	UG/L	0.51	1.0	May 31, 2002
IODOMETHANE	1	ND	UG/L	0.42	1.0	May 31, 2002
ISOBUTYL ALCOHOL	1	ND	UG/L	26	50	May 31, 2002
METHACRYLONITRILE	1	ND	UG/L	4.7	10	May 31, 2002
METHYL METHACRYLATE	1	ND	UG/L	0.81	1.0	May 31, 2002
METHYLENE CHLORIDE	1	ND	UG/L	0.86	1.0	May 31, 2002
PROPIONITRILE	1	ND	UG/L	8.2	10	May 31, 2002
STYRENE	1	ND	UG/L	0.28	1.0	May 31, 2002
TETRACHLOROETHENE	1	ND	UG/L	0.27	1.0	May 31, 2002
TOLUENE	1	ND	UG/L	0.26	1.0	May 31, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-9SW1
Sampling Point: 9SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12NC-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
TRANS-1,2-DICHLOROETHENE	1	ND	UG/L	0.25	0.50	May 31, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.36	1.0	May 31, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/L	0.70	1.0	May 31, 2002
TRICHLOROETHENE	1	ND	UG/L	0.24	1.0	May 31, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/L	0.43	2.0	May 31, 2002
VINYL ACETATE	1	ND	UG/L	0.91	2.0	May 31, 2002
VINYL CHLORIDE	1	ND	UG/L	0.26	1.0	May 31, 2002
XYLENES (TOTAL)	1	ND	UG/L	0.73	2.0	May 31, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	101.0 RPR				May 31, 2002
4-BROMOFLUOROBENZENE	1	99.0 RPR				May 31, 2002
DIBROMOFLUOROMETHANE	1	98.0 RPR				May 31, 2002
TOLUENE-D8	1	101.0 RPR				May 31, 2002
Prep/Method: 3520C/8270C						
1,2,4,5-TETRACHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,2,4-TRICHLOROBENZENE	1	ND	UG/L	1.8	10	Jun 2, 2002
1,2-DICHLOROBENZENE	1	ND	UG/L	1.9	10	Jun 2, 2002
1,3-DICHLOROBENZENE	1	ND	UG/L	2.5	10	Jun 2, 2002
1,4-DICHLOROBENZENE	1	ND	UG/L	2.2	10	Jun 2, 2002
1,4-NAPHTHOQUINONE	1	ND	UG/L	1.8	50	Jun 2, 2002
1-NAPHTHYLAMINE	1	ND	UG/L	3.3	10	Jun 2, 2002
2,3,4,6-TETRACHLOROPHENOL	1	ND	UG/L	2.2	50	Jun 2, 2002
2,4,5-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4,6-TRICHLOROPHENOL	1	ND	UG/L	1.1	10	Jun 2, 2002
2,4-DICHLOROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2,4-DIMETHYLPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2,4-DINITROPHENOL	1	ND	UG/L	16	50	Jun 2, 2002
2,6-DICHLOROPHENOL	1	ND	UG/L	2.1	10	Jun 2, 2002
2-ACETYLAMINOFLUORENE	1	ND	UG/L	1.8	100	Jun 2, 2002
2-CHLORONAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
2-CHLOROPHENOL	1	ND	UG/L	1.5	10	Jun 2, 2002
2-METHYLNAPHTHALENE	1	ND	UG/L	1.9	10	Jun 2, 2002
2-METHYLPHENOL	1	ND	UG/L	1.6	10	Jun 2, 2002
2-NAPHTHYLAMINE	1	ND	UG/L	2.6	10	Jun 2, 2002
2-NITROANILINE	1	ND	UG/L	1.6	50	Jun 2, 2002
2-NITROPHENOL	1	ND	UG/L	1.7	10	Jun 2, 2002
2-PICOLINE	1	ND	UG/L	1.2	20	Jun 2, 2002
3,3'-DICHLOROBENZIDINE	1	ND	UG/L	16	50	Jun 2, 2002
3,3'-DIMETHYLBENZIDINE	1	ND	UG/L	10	20	Jun 2, 2002
3-METHYLCHOLANTHRENE	1	ND	UG/L	4.8	20	Jun 2, 2002
3-METHYLPHENOL & 4-METHYLPHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
3-NITROANILINE	1	ND	UG/L	6.7	50	Jun 2, 2002
4,6-DINITRO-2-METHYLPHENOL	1	ND	UG/L	15	50	Jun 2, 2002
4-AMINOBIPHENYL	1	ND	UG/L	1.6	50	Jun 2, 2002
4-BROMOPHENYL PHENYL ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLORO-3-METHYLPHENOL	1	ND	UG/L	1.3	10	Jun 2, 2002
4-CHLOROANILINE	1	ND	UG/L	7.3	10	Jun 2, 2002
4-CHLOROPHENYL PHENYL ETHER	1	ND	UG/L	1.5	10	Jun 2, 2002
4-DIMETHYLAMINOAZOBENZENE	1	ND	UG/L	3.2	20	Jun 2, 2002
4-NITROANILINE	1	ND	UG/L	4.4	50	Jun 2, 2002
4-NITROPHENOL	1	ND	UG/L	7.1	50	Jun 2, 2002
4-NITROQUINOLINE-1-OXIDE	1	ND	UG/L	22	100	Jun 2, 2002
4-PHENYLENEDIAMINE	1	ND	UG/L	17	100	Jun 2, 2002
5-NITRO-O-TOLUIDINE	1	ND	UG/L	3.0	20	Jun 2, 2002
7,12-DIMETHYLBENZ(A)ANTHRACENE	1	ND	UG/L	1.5	20	Jun 2, 2002
ACENAPHTHENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACENAPHTHYLENE	1	ND	UG/L	1.0	10	Jun 2, 2002
ACETOPHENONE	1	ND	UG/L	1.4	10	Jun 2, 2002
ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE	1	ND	UG/L	13	50	Jun 2, 2002
ANILINE	1	ND	UG/L	1.2	10	Jun 2, 2002
ANTHRACENE	1	ND	UG/L	1.2	10	Jun 2, 2002
ARAMITE	1	ND	UG/L	5.3	20	Jun 2, 2002
BENZO(A)ANTHRACENE	1	ND	UG/L	1.3	10	Jun 2, 2002
BENZO(A)PYRENE	1	ND	UG/L	1.9	10	Jun 2, 2002
BENZO(B)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZO(GHI)PERYLENE	1	ND	UG/L	1.1	10	Jun 2, 2002
BENZO(K)FLUORANTHENE	1	ND	UG/L	2.2	10	Jun 2, 2002
BENZYL ALCOHOL	1	ND	UG/L	3.0	10	Jun 2, 2002
BIS(2-CHLOROETHOXY)METHANE	1	ND	UG/L	1.4	10	Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-9SW1
Sampling Point: 9SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12NC-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
BIS(2-CHLOROETHYL) ETHER	1	ND	UG/L	1.8	10	Jun 2, 2002
BIS(2-CHLOROISOPROPYL) ETHER	1	ND	UG/L	1.3	10	Jun 2, 2002
BIS(2-ETHYLHEXYL) PHTHALATE	1	3.0 J B	UG/L	1.9	10	Jun 2, 2002
BUTYL BENZYL PHTHALATE	1	ND	UG/L	1.9	10	Jun 2, 2002
CHLOROBENZILATE	1	ND	UG/L	2.1	10	Jun 2, 2002
CHRYSENE	1	ND	UG/L	1.5	10	Jun 2, 2002
DI-N-BUTYL PHTHALATE	1	ND	UG/L	2.1	10	Jun 2, 2002
DI-N-OCTYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIALLATE	1	ND	UG/L	2.1	20	Jun 2, 2002
DIBENZ(A,H)ANTHRACENE	1	ND	UG/L	1.6	10	Jun 2, 2002
DIBENZOFURAN	1	ND	UG/L	1.3	10	Jun 2, 2002
DIETHYL PHTHALATE	1	ND	UG/L	2.0	10	Jun 2, 2002
DIMETHOATE	1	ND	UG/L	1.8	20	Jun 2, 2002
DIMETHYL PHTHALATE	1	ND	UG/L	1.8	10	Jun 2, 2002
DIPHENYLAMINE	1	ND	UG/L	1.4	10	Jun 2, 2002
ETHYL METHANESULFONATE	1	ND	UG/L	2.7	10	Jun 2, 2002
FAMPHUR	1	ND	UG/L	24	200	Jun 2, 2002
FLUORANTHENE	1	ND	UG/L	2.0	10	Jun 2, 2002
FLUORENE	1	ND	UG/L	1.4	10	Jun 2, 2002
HEXACHLOROBENZENE	1	ND	UG/L	1.5	10	Jun 2, 2002
HEXACHLOROBUTADIENE	1	ND	UG/L	3.3	10	Jun 2, 2002
HEXACHLOROCYCLOPENTADIENE	1	ND	UG/L	9.1	50	Jun 2, 2002
HEXACHLOROETHANE	1	ND	UG/L	3.0	10	Jun 2, 2002
HEXACHLOROPROPENE	1	ND	UG/L	1.5	100	Jun 2, 2002
INDENO(1,2,3-CD)PYRENE	1	ND	UG/L	1.3	10	Jun 2, 2002
ISODRIN	1	ND	UG/L	2.0	10	Jun 2, 2002
ISOPHORONE	1	ND	UG/L	1.6	10	Jun 2, 2002
ISOSAFROLE	1	ND	UG/L	1.9	20	Jun 2, 2002
METHAPYRILENE	1	ND	UG/L	18	50	Jun 2, 2002
METHYL METHANESULFONATE	1	ND	UG/L	6.0	10	Jun 2, 2002
N-NITROSODI-N-BUTYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODI-N-PROPYLAMINE	1	ND	UG/L	1.8	10	Jun 2, 2002
N-NITROSODIETHYLAMINE	1	ND	UG/L	1.6	10	Jun 2, 2002
N-NITROSODIMETHYLAMINE	1	ND	UG/L	1.7	10	Jun 2, 2002
N-NITROSODIPHENYLAMINE	1	ND	UG/L	5.3	10	Jun 2, 2002
N-NITROSOMETHYLETHYLAMINE	1	ND	UG/L	3.0	10	Jun 2, 2002
N-NITROSOMORPHOLINE	1	ND	UG/L	3.9	10	Jun 2, 2002
N-NITROSOPIPERIDINE	1	ND	UG/L	1.9	10	Jun 2, 2002
N-NITROSOPYRROLIDINE	1	ND	UG/L	2.4	10	Jun 2, 2002
NAPHTHALENE	1	ND	UG/L	1.4	10	Jun 2, 2002
O,O,O-TRIETHYL PHOSPHOROTHIOATE	1	ND	UG/L	2.4	50	Jun 2, 2002
O-TOLUIDINE	1	ND	UG/L	1.2	10	Jun 2, 2002
PARATHION	1	ND	UG/L	1.5	50	Jun 2, 2002
PENTACHLOROBENZENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PENTACHLOROETHANE	1	ND	UG/L	1.9	50	Jun 2, 2002
PENTACHLORONITROBENZENE	1	ND	UG/L	2.0	50	Jun 2, 2002
PENTACHLOROPHENOL	1	ND	UG/L	7.7	50	Jun 2, 2002
PHENACETIN	1	ND	UG/L	4.2	20	Jun 2, 2002
PHENANTHRENE	1	ND	UG/L	1.2	10	Jun 2, 2002
PHENOL	1	ND	UG/L	1.4	10	Jun 2, 2002
PHORATE	1	ND	UG/L	1.8	50	Jun 2, 2002
PRONAMIDE	1	ND	UG/L	1.4	20	Jun 2, 2002
PYRENE	1	ND	UG/L	1.7	10	Jun 2, 2002
PYRIDINE	1	ND	UG/L	12	20	Jun 2, 2002
SAFROLE	1	ND	UG/L	2.0	50	Jun 2, 2002
SULFOTEPP	1	ND	UG/L	2.1	50	Jun 2, 2002
THIONAZIN	1	ND	UG/L	2.2	10	Jun 2, 2002

Surrogates:

2,4,6-TRIBROMOPHENOL	1	79.0 RPR				Jun 2, 2002
2-FLUOROBIPHENYL	1	67.0 RPR				Jun 2, 2002
2-FLUOROPHENOL	1	74.0 RPR				Jun 2, 2002
NITROBENZENE-D5	1	78.0 RPR				Jun 2, 2002
PHENOL-D5	1	77.0 RPR				Jun 2, 2002
TERPHENYL-D14	1	77.0 RPR				Jun 2, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-9SW1
Sampling Point: 9SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12NC-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: SW3535/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
1,3-DINITROBENZENE	1	ND	UG/L	0.023	0.12	Jun 4, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/L	0.021	0.12	Jun 4, 2002
2,4-DINITROTOLUENE	1	ND	UG/L	0.026	0.12	Jun 4, 2002
2,6-DINITROTOLUENE	1	ND	UG/L	0.022	0.12	Jun 4, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/L	0.036	0.12	Jun 4, 2002
2-NITROTOLUENE	1	ND	UG/L	0.026	0.12	Jun 4, 2002
3-NITROTOLUENE	1	ND	UG/L	0.027	0.12	Jun 4, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND	UG/L	0.020	0.12	Jun 4, 2002
4-NITROTOLUENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROGLYCERIN	1	ND	UG/L	0.030	0.12	Jun 4, 2002
PETN	1	ND	UG/L	0.051	0.12	Jun 4, 2002
TETRYL	1	ND UJ	UG/L	0.024	0.12	Jun 4, 2002
Surrogates:						
NITROBENZENE-D5	1	83.0 RPR				Jun 4, 2002

Comments:

8270C (BIS(2-ETHYLHEXYL) PHTHALATE): Detected in the method blank at 2.4 ug/L. PQL is 10 ug/L. Sample result was not corrected for the blank.

Qualifiers:

UJ The constituent was analyzed for, but was not detected. The result is an estimate and may be inaccurate or imprecise.
J The result is between MDL and PQL and should be considered an estimate.

Prep/Method: SW3535/8321						
HMX	5	ND	UG/L	0.20	0.60	Jun 5, 2002
RDX	5	ND	UG/L	0.10	0.60	Jun 5, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-W-9SW1-DIS
Sampling Point: 9SW1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12ND-1 Analysis Lab: QES-DEN
Sample Type: SURFACE WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3005/6010B - TRAC						
ANTIMONY-DISSOLVED	1	ND	UG/L	3.7	10.0	Jun 10, 2002
BARIUM-DISSOLVED	1	33.1	UG/L	1.8	10.0	Jun 10, 2002
BERYLLIUM-DISSOLVED	1	ND	UG/L	0.56	5.0	Jun 10, 2002
CADMIUM-DISSOLVED	1	ND	UG/L	0.30	5.0	Jun 10, 2002
CHROMIUM-DISSOLVED	1	ND	UG/L	0.74	10.0	Jun 10, 2002
COBALT-DISSOLVED	1	ND	UG/L	0.92	10.0	Jun 10, 2002
COPPER-DISSOLVED	1	4.0 B	UG/L	0.76	10.0	Jun 10, 2002
NICKEL-DISSOLVED	1	2.7 B	UG/L	1.7	40.0	Jun 10, 2002
SILVER-DISSOLVED	1	ND	UG/L	0.54	10.0	Jun 10, 2002
TIN-DISSOLVED	1	ND	UG/L	3.4	100	Jun 10, 2002
VANADIUM-DISSOLVED	1	ND	UG/L	0.61	10.0	Jun 10, 2002
ZINC-DISSOLVED	1	33.4	UG/L	6.8	20.0	Jun 10, 2002
Prep/Method: 3005/6020						
ARSENIC-DISSOLVED	1	0.16 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD-DISSOLVED	1	0.47 B	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM-DISSOLVED	1	ND	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM-DISSOLVED	1	ND	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY-DISSOLVED	1	ND	UG/L	0.028	0.20	Jun 5, 2002

Qualifiers:

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-K-EQBLK1
Sampling Point: EQBLK1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12NR-1 Analysis Lab: QES-DEN
Sample Type: BLANK WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3010A/6010B - TRAC						
ANTIMONY	1	ND	UG/L	3.7	10.0	Jun 4, 2002
BARIUM	1	ND	UG/L	1.8	10.0	Jun 4, 2002
BERYLLIUM	1	ND	UG/L	0.56	5.0	Jun 4, 2002
CADMIUM	1	ND	UG/L	0.30	5.0	Jun 4, 2002
CHROMIUM	1	ND	UG/L	0.74	10.0	Jun 4, 2002
COBALT	1	ND	UG/L	0.92	10.0	Jun 4, 2002
COPPER	1	ND	UG/L	0.76	10.0	Jun 4, 2002
NICKEL	1	ND	UG/L	1.7	40.0	Jun 4, 2002
SILVER	1	ND	UG/L	0.54	10.0	Jun 4, 2002
TIN	1	ND	UG/L	3.4	100	Jun 4, 2002
VANADIUM	1	ND	UG/L	0.61	10.0	Jun 4, 2002
ZINC	1	9.9 B	UG/L	6.8	20.0	Jun 4, 2002
Prep/Method: 3010/6020						
ARSENIC	1	0.52 B	UG/L	0.061	5.0	Jun 6, 2002
LEAD	1	6.1	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM	1	ND	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM	1	ND	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY	1	ND	UG/L	0.028	0.20	Jun 5, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/L	0.28	1.0	May 31, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/L	0.32	1.0	May 31, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/L	0.50	1.0	May 31, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/L	0.41	1.0	May 31, 2002
1,1-DICHLOROETHANE	1	ND	UG/L	0.29	1.0	May 31, 2002
1,1-DICHLOROETHENE	1	ND	UG/L	0.31	1.0	May 31, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/L	0.76	1.0	May 31, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/L	0.49	2.0	May 31, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/L	0.46	1.0	May 31, 2002
1,2-DICHLOROETHANE	1	ND	UG/L	0.43	1.0	May 31, 2002
1,2-DICHLOROPROPANE	1	ND	UG/L	0.38	1.0	May 31, 2002
1,4-DIOXANE	1	ND	UG/L	36	200	May 31, 2002
2-BUTANONE (MEK)	1	ND	UG/L	2.4	5.0	May 31, 2002
2-HEXANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
4-METHYL-2-PENTANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
ACETONE	1	ND	UG/L	2.9	10	May 31, 2002
ACETONITRILE	1	ND	UG/L	15	20	May 31, 2002
ACROLEIN	1	ND	UG/L	4.7	20	May 31, 2002
ACRYLONITRILE	1	ND	UG/L	4.9	20	May 31, 2002
ALLYL CHLORIDE	1	ND	UG/L	0.64	2.0	May 31, 2002
BENZENE	1	ND	UG/L	0.27	1.0	May 31, 2002
BROMODICHLOROMETHANE	1	ND	UG/L	0.35	1.0	May 31, 2002
BROMOFORM	1	ND	UG/L	0.46	1.0	May 31, 2002
BROMOMETHANE	1	ND	UG/L	0.28	2.0	May 31, 2002
CARBON DISULFIDE	1	ND	UG/L	0.67	1.0	May 31, 2002
CARBON TETRACHLORIDE	1	ND	UG/L	0.35	1.0	May 31, 2002
CHLOROBENZENE	1	ND	UG/L	0.24	1.0	May 31, 2002
CHLOROETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROFORM	1	ND	UG/L	0.29	1.0	May 31, 2002
CHLOROMETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROPRENE	1	ND	UG/L	0.35	1.0	May 31, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/L	0.33	1.0	May 31, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.31	1.0	May 31, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/L	0.37	1.0	May 31, 2002
DIBROMOMETHANE	1	ND	UG/L	0.40	1.0	May 31, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/L	0.44	2.0	May 31, 2002
ETHYL METHACRYLATE	1	ND	UG/L	0.79	1.0	May 31, 2002
ETHYLBENZENE	1	ND	UG/L	0.51	1.0	May 31, 2002
IODOMETHANE	1	ND	UG/L	0.42	1.0	May 31, 2002
ISOBUTYL ALCOHOL	1	ND	UG/L	26	50	May 31, 2002
METHACRYLONITRILE	1	ND	UG/L	4.7	10	May 31, 2002
METHYL METHACRYLATE	1	ND	UG/L	0.81	1.0	May 31, 2002
METHYLENE CHLORIDE	1	ND	UG/L	0.86	1.0	May 31, 2002
PROPIONITRILE	1	ND	UG/L	8.2	10	May 31, 2002
STYRENE	1	ND	UG/L	0.28	1.0	May 31, 2002
TETRACHLOROETHENE	1	ND	UG/L	0.27	1.0	May 31, 2002
TOLUENE	1	ND	UG/L	0.26	1.0	May 31, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-K-EQBLK1
Sampling Point: EQBLK1
Date Sampled: MAY 22, 2002
Lab Sample ID: E12NR-1 Analysis Lab: QES-DEN
Sample Type: BLANK WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
TRANS-1,2-DICHLOROETHENE	1	ND	UG/L	0.25	0.50	May 31, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.36	1.0	May 31, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/L	0.70	1.0	May 31, 2002
TRICHLOROETHENE	1	ND	UG/L	0.24	1.0	May 31, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/L	0.43	2.0	May 31, 2002
VINYL ACETATE	1	ND	UG/L	0.91	2.0	May 31, 2002
VINYL CHLORIDE	1	ND	UG/L	0.26	1.0	May 31, 2002
XYLENES (TOTAL)	1	ND	UG/L	0.73	2.0	May 31, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	105.0 RPR				May 31, 2002
4-BROMOFLUOROBENZENE	1	101.0 RPR				May 31, 2002
DIBROMOFLUOROMETHANE	1	101.0 RPR				May 31, 2002
TOLUENE-D8	1	102.0 RPR				May 31, 2002
Prep/Method: SW3535/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
1,3-DINITROBENZENE	1	ND	UG/L	0.023	0.12	Jun 4, 2002
2,4,6-TRINITROTOLUENE	1	0.17	UG/L	0.021	0.12	Jun 4, 2002
2,4-DINITROTOLUENE	1	ND	UG/L	0.026	0.12	Jun 4, 2002
2,6-DINITROTOLUENE	1	ND	UG/L	0.022	0.12	Jun 4, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/L	0.036	0.12	Jun 4, 2002
2-NITROTOLUENE	1	ND	UG/L	0.026	0.12	Jun 4, 2002
3-NITROTOLUENE	1	ND	UG/L	0.027	0.12	Jun 4, 2002
4-AMINO-2,6-DINITROTOLUENE	1	0.022 J	UG/L	0.020	0.12	Jun 4, 2002
4-NITROTOLUENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
HMX	1	ND	UG/L	0.040	0.12	Jun 4, 2002
NITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROGLYCERIN	1	ND	UG/L	0.030	0.12	Jun 4, 2002
PETN	1	ND	UG/L	0.051	0.12	Jun 4, 2002
RDX	1	ND	UG/L	0.020	0.12	Jun 4, 2002
TETRYL	1	ND UJ	UG/L	0.024	0.12	Jun 4, 2002
Surrogates:						
NITROBENZENE-D5	1	77.0 RPR				Jun 4, 2002

Qualifiers:

J The result should be considered an estimate.
UJ The constituent was analyzed for, but was not detected. The result is an estimate and may be inaccurate or imprecise.

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-K-EQBLK2
Sampling Point: EQBLK2
Date Sampled: MAY 22, 2002
Lab Sample ID: E12N1-1 Analysis Lab: QES-DEN
Sample Type: BLANK WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 3010A/6010B - TRAC						
ANTIMONY	1	ND	UG/L	3.7	10.0	Jun 4, 2002
BARIUM	1	2.4 B	UG/L	1.8	10.0	Jun 4, 2002
BERYLLIUM	1	ND	UG/L	0.56	5.0	Jun 4, 2002
CADMIUM	1	ND	UG/L	0.30	5.0	Jun 4, 2002
CHROMIUM	1	3.3 B	UG/L	0.74	10.0	Jun 4, 2002
COBALT	1	ND	UG/L	0.92	10.0	Jun 4, 2002
COPPER	1	7.3 B	UG/L	0.76	10.0	Jun 4, 2002
NICKEL	1	ND	UG/L	1.7	40.0	Jun 4, 2002
SILVER	1	ND	UG/L	0.54	10.0	Jun 4, 2002
TIN	1	ND	UG/L	3.4	100	Jun 4, 2002
VANADIUM	1	ND	UG/L	0.61	10.0	Jun 4, 2002
ZINC	1	26.7	UG/L	6.8	20.0	Jun 4, 2002
Prep/Method: 3010/6020						
ARSENIC	1	ND	UG/L	0.061	5.0	Jun 6, 2002
LEAD	1	8.8	UG/L	0.15	1.0	Jun 6, 2002
SELENIUM	1	ND	UG/L	0.19	5.0	Jun 6, 2002
THALLIUM	1	ND	UG/L	0.015	1.0	Jun 6, 2002
Prep/Method: 7470A/7470A						
MERCURY	1	ND	UG/L	0.028	0.20	Jun 5, 2002
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/L	0.28	1.0	May 31, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/L	0.32	1.0	May 31, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/L	0.50	1.0	May 31, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/L	0.41	1.0	May 31, 2002
1,1-DICHLOROETHANE	1	ND	UG/L	0.29	1.0	May 31, 2002
1,1-DICHLOROETHENE	1	ND	UG/L	0.31	1.0	May 31, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/L	0.76	1.0	May 31, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/L	0.49	2.0	May 31, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/L	0.46	1.0	May 31, 2002
1,2-DICHLOROETHANE	1	ND	UG/L	0.43	1.0	May 31, 2002
1,2-DICHLOROPROPANE	1	ND	UG/L	0.38	1.0	May 31, 2002
1,4-DIOXANE	1	ND	UG/L	36	200	May 31, 2002
2-BUTANONE (MEK)	1	ND	UG/L	2.4	5.0	May 31, 2002
2-HEXANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
4-METHYL-2-PENTANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
ACETONE	1	ND	UG/L	2.9	10	May 31, 2002
ACETONITRILE	1	ND	UG/L	15	20	May 31, 2002
ACROLEIN	1	ND	UG/L	4.7	20	May 31, 2002
ACRYLONITRILE	1	ND	UG/L	4.9	20	May 31, 2002
ALLYL CHLORIDE	1	ND	UG/L	0.64	2.0	May 31, 2002
BENZENE	1	ND	UG/L	0.27	1.0	May 31, 2002
BROMODICHLOROMETHANE	1	ND	UG/L	0.35	1.0	May 31, 2002
BROMOFORM	1	ND	UG/L	0.46	1.0	May 31, 2002
BROMOMETHANE	1	ND	UG/L	0.28	2.0	May 31, 2002
CARBON DISULFIDE	1	ND	UG/L	0.67	1.0	May 31, 2002
CARBON TETRACHLORIDE	1	ND	UG/L	0.35	1.0	May 31, 2002
CHLOROBENZENE	1	ND	UG/L	0.24	1.0	May 31, 2002
CHLOROETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROFORM	1	ND	UG/L	0.29	1.0	May 31, 2002
CHLOROMETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROPRENE	1	ND	UG/L	0.35	1.0	May 31, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/L	0.33	1.0	May 31, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.31	1.0	May 31, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/L	0.37	1.0	May 31, 2002
DIBROMOMETHANE	1	ND	UG/L	0.40	1.0	May 31, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/L	0.44	2.0	May 31, 2002
ETHYL METHACRYLATE	1	ND	UG/L	0.79	1.0	May 31, 2002
ETHYLBENZENE	1	ND	UG/L	0.51	1.0	May 31, 2002
IODOMETHANE	1	ND	UG/L	0.42	1.0	May 31, 2002
ISOBUTYL ALCOHOL	1	ND	UG/L	26	50	May 31, 2002
METHACRYLONITRILE	1	ND	UG/L	4.7	10	May 31, 2002
METHYL METHACRYLATE	1	ND	UG/L	0.81	1.0	May 31, 2002
METHYLENE CHLORIDE	1	ND	UG/L	0.86	1.0	May 31, 2002
PROPIONITRILE	1	ND	UG/L	8.2	10	May 31, 2002
STYRENE	1	ND	UG/L	0.28	1.0	May 31, 2002
TETRACHLOROETHENE	1	ND	UG/L	0.27	1.0	May 31, 2002
TOLUENE	1	ND	UG/L	0.26	1.0	May 31, 2002

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: BAR-K-EQBLK2
Sampling Point: EQBLK2
Date Sampled: MAY 22, 2002
Lab Sample ID: E12N1-1 Analysis Lab: QES-DEN
Sample Type: BLANK WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
TRANS-1,2-DICHLOROETHENE	1	ND	UG/L	0.25	0.50	May 31, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.36	1.0	May 31, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/L	0.70	1.0	May 31, 2002
TRICHLOROETHENE	1	ND	UG/L	0.24	1.0	May 31, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/L	0.43	2.0	May 31, 2002
VINYL ACETATE	1	ND	UG/L	0.91	2.0	May 31, 2002
VINYL CHLORIDE	1	ND	UG/L	0.26	1.0	May 31, 2002
XYLENES (TOTAL)	1	ND	UG/L	0.73	2.0	May 31, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	100.0 RPR				May 31, 2002
4-BROMOFLUOROBENZENE	1	101.0 RPR				May 31, 2002
DIBROMOFLUOROMETHANE	1	98.0 RPR				May 31, 2002
TOLUENE-D8	1	101.0 RPR				May 31, 2002
Prep/Method: SW3535/8321						
1,3,5-TRINITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
1,3-DINITROBENZENE	1	ND	UG/L	0.023	0.12	Jun 4, 2002
2,4,6-TRINITROTOLUENE	1	ND	UG/L	0.021	0.12	Jun 4, 2002
2,4-DINITROTOLUENE	1	ND	UG/L	0.026	0.12	Jun 4, 2002
2,6-DINITROTOLUENE	1	ND	UG/L	0.022	0.12	Jun 4, 2002
2-AMINO-4,6-DINITROTOLUENE	1	ND	UG/L	0.036	0.12	Jun 4, 2002
2-NITROTOLUENE	1	ND	UG/L	0.026	0.12	Jun 4, 2002
3-NITROTOLUENE	1	ND	UG/L	0.027	0.12	Jun 4, 2002
4-AMINO-2,6-DINITROTOLUENE	1	ND	UG/L	0.020	0.12	Jun 4, 2002
4-NITROTOLUENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
HMX	1	ND	UG/L	0.040	0.12	Jun 4, 2002
NITROBENZENE	1	ND	UG/L	0.025	0.12	Jun 4, 2002
NITROGLYCERIN	1	ND	UG/L	0.030	0.12	Jun 4, 2002
PETN	1	ND	UG/L	0.051	0.12	Jun 4, 2002
RDX	1	ND	UG/L	0.020	0.12	Jun 4, 2002
TETRYL	1	ND UJ	UG/L	0.024	0.12	Jun 4, 2002
Surrogates:						
NITROBENZENE-D5	1	70.0 RPR				Jun 4, 2002

Qualifiers:

UJ The constituent was analyzed for, but was not detected. The result is an estimate and may be inaccurate or imprecise.

Location: BARKSDALE WORKS
Job Name: SURFACE WATER/SEDIMENT 5/02
C of C Sampleid: TRIP BLANK
Sampling Point: TRIP BLANK
Date Sampled: MAY 22, 2002
Lab Sample ID: E12NQ-1 Analysis Lab: QES-DEN
Sample Type: BLANK WATER
QC Level: QC (ADQM QC Process)

Analyte/Parameter	Dilution	Result	Unit	MDL	PQL	Date Analyzed
Prep/Method: 5030B/8260B						
1,1,1,2-TETRACHLOROETHANE	1	ND	UG/L	0.28	1.0	May 31, 2002
1,1,1-TRICHLOROETHANE	1	ND	UG/L	0.32	1.0	May 31, 2002
1,1,2,2-TETRACHLOROETHANE	1	ND	UG/L	0.50	1.0	May 31, 2002
1,1,2-TRICHLOROETHANE	1	ND	UG/L	0.41	1.0	May 31, 2002
1,1-DICHLOROETHANE	1	ND	UG/L	0.29	1.0	May 31, 2002
1,1-DICHLOROETHENE	1	ND	UG/L	0.31	1.0	May 31, 2002
1,2,3-TRICHLOROPROPANE	1	ND	UG/L	0.76	1.0	May 31, 2002
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1	ND	UG/L	0.49	2.0	May 31, 2002
1,2-DIBROMOETHANE (EDB)	1	ND	UG/L	0.46	1.0	May 31, 2002
1,2-DICHLOROETHANE	1	ND	UG/L	0.43	1.0	May 31, 2002
1,2-DICHLOROPROPANE	1	ND	UG/L	0.38	1.0	May 31, 2002
1,4-DIOXANE	1	ND	UG/L	36	200	May 31, 2002
2-BUTANONE (MEK)	1	ND	UG/L	2.4	5.0	May 31, 2002
2-HEXANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
4-METHYL-2-PENTANONE	1	ND	UG/L	1.8	5.0	May 31, 2002
ACETONE	1	ND	UG/L	2.9	10	May 31, 2002
ACETONITRILE	1	ND	UG/L	15	20	May 31, 2002
ACROLEIN	1	ND	UG/L	4.7	20	May 31, 2002
ACRYLONITRILE	1	ND	UG/L	4.9	20	May 31, 2002
ALLYL CHLORIDE	1	ND	UG/L	0.64	2.0	May 31, 2002
BENZENE	1	ND	UG/L	0.27	1.0	May 31, 2002
BROMODICHLOROMETHANE	1	ND	UG/L	0.35	1.0	May 31, 2002
BROMOFORM	1	ND	UG/L	0.46	1.0	May 31, 2002
BROMOMETHANE	1	ND	UG/L	0.28	2.0	May 31, 2002
CARBON DISULFIDE	1	ND	UG/L	0.67	1.0	May 31, 2002
CARBON TETRACHLORIDE	1	ND	UG/L	0.35	1.0	May 31, 2002
CHLOROBENZENE	1	ND	UG/L	0.24	1.0	May 31, 2002
CHLOROETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROFORM	1	ND	UG/L	0.29	1.0	May 31, 2002
CHLOROMETHANE	1	ND	UG/L	0.26	2.0	May 31, 2002
CHLOROPRENE	1	ND	UG/L	0.35	1.0	May 31, 2002
CIS-1,2-DICHLOROETHENE	1	ND	UG/L	0.33	1.0	May 31, 2002
CIS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.31	1.0	May 31, 2002
DIBROMOCHLOROMETHANE	1	ND	UG/L	0.37	1.0	May 31, 2002
DIBROMOMETHANE	1	ND	UG/L	0.40	1.0	May 31, 2002
DICHLORODIFLUOROMETHANE	1	ND	UG/L	0.44	2.0	May 31, 2002
ETHYL METHACRYLATE	1	ND	UG/L	0.79	1.0	May 31, 2002
ETHYLBENZENE	1	ND	UG/L	0.51	1.0	May 31, 2002
IODOMETHANE	1	ND	UG/L	0.42	1.0	May 31, 2002
ISOBUTYL ALCOHOL	1	ND	UG/L	26	50	May 31, 2002
METHACRYLONITRILE	1	ND	UG/L	4.7	10	May 31, 2002
METHYL METHACRYLATE	1	ND	UG/L	0.81	1.0	May 31, 2002
METHYLENE CHLORIDE	1	ND	UG/L	0.86	1.0	May 31, 2002
PROPIONITRILE	1	ND	UG/L	8.2	10	May 31, 2002
STYRENE	1	ND	UG/L	0.28	1.0	May 31, 2002
TETRACHLOROETHENE	1	ND	UG/L	0.27	1.0	May 31, 2002
TOLUENE	1	ND	UG/L	0.26	1.0	May 31, 2002
TRANS-1,2-DICHLOROETHENE	1	ND	UG/L	0.25	0.50	May 31, 2002
TRANS-1,3-DICHLOROPROPENE	1	ND	UG/L	0.36	1.0	May 31, 2002
TRANS-1,4-DICHLORO-2-BUTENE	1	ND	UG/L	0.70	1.0	May 31, 2002
TRICHLOROETHENE	1	ND	UG/L	0.24	1.0	May 31, 2002
TRICHLOROFLUOROMETHANE	1	ND	UG/L	0.43	2.0	May 31, 2002
VINYL ACETATE	1	ND	UG/L	0.91	2.0	May 31, 2002
VINYL CHLORIDE	1	ND	UG/L	0.26	1.0	May 31, 2002
XYLENES (TOTAL)	1	ND	UG/L	0.73	2.0	May 31, 2002
Surrogates:						
1,2-DICHLOROETHANE-D4	1	103.0 RPR				May 31, 2002
4-BROMOFLUOROBENZENE	1	99.0 RPR				May 31, 2002
DIBROMOFLUOROMETHANE	1	99.0 RPR				May 31, 2002
TOLUENE-D8	1	101.0 RPR				May 31, 2002

Batch Identifier
Method Number: 160.3 MOD Prep Method: 160.3 MOD Pre-prep:
Batch Start Date: 01JUN02
Instrument: BAL
Batch Number: 36

The following field samples are included in this batch:

Sample Name	Date Sampled	Lab Sample ID		QC Level
BAR-E-10SD1	22MAY02	E12QE-1	QES-DEN	QC
BAR-E-1SD1	22MAY02	E12N4-1	QES-DEN	QC
BAR-E-2SD1	22MAY02	E12PD-1	QES-DEN	QC
BAR-E-3SD1	22MAY02	E12PJ-1	QES-DEN	QC
BAR-E-4SD1	22MAY02	E12PM-1	QES-DEN	QC
BAR-E-5SD1	22MAY02	E12PR-1	QES-DEN	QC
BAR-E-6SD1	22MAY02	E12PW-1	QES-DEN	QC
BAR-E-6SD1-DUP	22MAY02	E12P1-1	QES-DEN	QC
BAR-E-7SD1	22MAY02	E12P4-1	QES-DEN	QC
BAR-E-8SD1	22MAY02	E12P7-1	QES-DEN	QC
BAR-E-9SD1	22MAY02	E12QA-1	QES-DEN	QC

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Replicate:							
PERCENT MOISTURE	4.2	%			5.2	E10TJ-1	QES-DEN

Batch Identifier
Method Number: 6010B - TRAPrep Method: 3005 Pre-prep:
Batch Start Date: 29MAY02
Instrument: 020
Batch Number: 83

The following field samples are included in this batch:

Sample Name	Date Sampled	Lab Sample ID		QC Level
BAR-W-10SW1-DIS	22MAY02	E12NK-1	QES-DEN	QC
BAR-W-1SW1-DIS	22MAY02	E12LM-1	QES-DEN	QC
BAR-W-2SW1-DIS	22MAY02	E12LW-1	QES-DEN	QC
BAR-W-3SW1-DIS	22MAY02	E12L0-1	QES-DEN	QC
BAR-W-4SW1-DIS	22MAY02	E12L9-1	QES-DEN	QC
BAR-W-5SW1-DIS	22MAY02	E12MH-1	QES-DEN	QC
BAR-W-6SW1-DIS	22MAY02	E12MT-1	QES-DEN	QC
BAR-W-6SW1-DIS-DUP	22MAY02	E12M1-1	QES-DEN	QC
BAR-W-7SW1-DIS	22MAY02	E12M8-1	QES-DEN	QC
BAR-W-8SW1-DIS	22MAY02	E12NA-1	QES-DEN	QC
BAR-W-9SW1-DIS	22MAY02	E12ND-1	QES-DEN	QC

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Lab Control Spike:							
ANTIMONY-DISSOLVED				95		E146G-1	QES-DEN
BARIUM-DISSOLVED				98		E146G-1	QES-DEN
BERYLLIUM-DISSOLVED				95		E146G-1	QES-DEN
CADMIUM-DISSOLVED				96		E146G-1	QES-DEN
CHROMIUM-DISSOLVED				97		E146G-1	QES-DEN
COBALT-DISSOLVED				93		E146G-1	QES-DEN
COPPER-DISSOLVED				95		E146G-1	QES-DEN
NICKEL-DISSOLVED				96		E146G-1	QES-DEN
SILVER-DISSOLVED				93		E146G-1	QES-DEN
TIN-DISSOLVED				95		E146G-1	QES-DEN
VANADIUM-DISSOLVED				97		E146G-1	QES-DEN
ZINC-DISSOLVED				94		E146G-1	QES-DEN
Method Blank:							
ANTIMONY-DISSOLVED	ND	UG/L	3.7			E146G-1	QES-DEN
BARIUM-DISSOLVED	ND	UG/L	1.8			E146G-1	QES-DEN
BERYLLIUM-DISSOLVED	ND	UG/L	0.56			E146G-1	QES-DEN
CADMIUM-DISSOLVED	ND	UG/L	0.30			E146G-1	QES-DEN
CHROMIUM-DISSOLVED	ND	UG/L	0.74			E146G-1	QES-DEN
COBALT-DISSOLVED	ND	UG/L	0.92			E146G-1	QES-DEN
COPPER-DISSOLVED	ND	UG/L	0.76			E146G-1	QES-DEN
NICKEL-DISSOLVED	ND	UG/L	1.7			E146G-1	QES-DEN
SILVER-DISSOLVED	ND	UG/L	0.54			E146G-1	QES-DEN

(Batch continued from previous page)

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Method Blank:							
TIN-DISSOLVED	ND	UG/L	3.4			E146G-1	QES-DEN
VANADIUM-DISSOLVED	ND	UG/L	0.61			E146G-1	QES-DEN
ZINC-DISSOLVED	ND	UG/L	6.8			E146G-1	QES-DEN
Matrix Spike:							
ANTIMONY-DISSOLVED				94		E12MT-1	QES-DEN
BARIUM-DISSOLVED				97		E12MT-1	QES-DEN
BERYLLIUM-DISSOLVED				94		E12MT-1	QES-DEN
CADMIUM-DISSOLVED				95		E12MT-1	QES-DEN
CHROMIUM-DISSOLVED				96		E12MT-1	QES-DEN
COBALT-DISSOLVED				92		E12MT-1	QES-DEN
COPPER-DISSOLVED				96		E12MT-1	QES-DEN
NICKEL-DISSOLVED				95		E12MT-1	QES-DEN
SILVER-DISSOLVED				95		E12MT-1	QES-DEN
TIN-DISSOLVED				94		E12MT-1	QES-DEN
VANADIUM-DISSOLVED				96		E12MT-1	QES-DEN
ZINC-DISSOLVED				93		E12MT-1	QES-DEN
Matrix Spike Duplicate:							
ANTIMONY-DISSOLVED				98	4.3	E12MT-1	QES-DEN
BARIUM-DISSOLVED				103	5.3	E12MT-1	QES-DEN
BERYLLIUM-DISSOLVED				99	5.4	E12MT-1	QES-DEN
CADMIUM-DISSOLVED				99	4.3	E12MT-1	QES-DEN
CHROMIUM-DISSOLVED				101	5.3	E12MT-1	QES-DEN
COBALT-DISSOLVED				97	5.3	E12MT-1	QES-DEN
COPPER-DISSOLVED				101	5.7	E12MT-1	QES-DEN
NICKEL-DISSOLVED				100	5.9	E12MT-1	QES-DEN
SILVER-DISSOLVED				97	2.4	E12MT-1	QES-DEN
TIN-DISSOLVED				99	4.8	E12MT-1	QES-DEN
VANADIUM-DISSOLVED				101	5.1	E12MT-1	QES-DEN
ZINC-DISSOLVED				98	5.2	E12MT-1	QES-DEN

Batch Identifier
Method Number: 6010B - TRAPrep Method: 3010A Pre-prep:
Batch Start Date: 29MAY02
Instrument: 016
Batch Number: 80

The following field samples are included in this batch:

Sample Name	Date Sampled	Lab Sample ID		QC Level
BAR-K-EQBLK1	22MAY02	E12NR-1	QES-DEN	QC
BAR-K-EQBLK2	22MAY02	E12N1-1	QES-DEN	QC
BAR-W-10SW1	22MAY02	E12NG-1	QES-DEN	QC
BAR-W-1SW1	22MAY02	E12K7-1	QES-DEN	QC
BAR-W-2SW1	22MAY02	E12LN-1	QES-DEN	QC
BAR-W-3SW1	22MAY02	E12LX-1	QES-DEN	QC
BAR-W-4SW1	22MAY02	E12L2-1	QES-DEN	QC
BAR-W-5SW1	22MAY02	E12MD-1	QES-DEN	QC
BAR-W-6SW1	22MAY02	E12MQ-1	QES-DEN	QC
BAR-W-6SW1-DUP	22MAY02	E12MW-1	QES-DEN	QC
BAR-W-7SW1	22MAY02	E12M6-1	QES-DEN	QC
BAR-W-8SW1	22MAY02	E12M9-1	QES-DEN	QC
BAR-W-9SW1	22MAY02	E12NC-1	QES-DEN	QC

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Lab Control Spike:							
ANTIMONY				92		E1452-1	QES-DEN
BARIUM				96		E1452-1	QES-DEN
BERYLLIUM				97		E1452-1	QES-DEN
CADMIUM				94		E1452-1	QES-DEN
CHROMIUM				94		E1452-1	QES-DEN
COBALT				90		E1452-1	QES-DEN
COPPER				91		E1452-1	QES-DEN
NICKEL				94		E1452-1	QES-DEN
SILVER				94		E1452-1	QES-DEN
TIN				91		E1452-1	QES-DEN
VANADIUM				93		E1452-1	QES-DEN
ZINC				91		E1452-1	QES-DEN

(Batch continued from previous page)

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Lab Control Spike:							
Method Blank:							
ANTIMONY	ND	UG/L	3.7			E1452-1	QES-DEN
BARIUM	ND	UG/L	1.8			E1452-1	QES-DEN
BERYLLIUM	ND	UG/L	0.56			E1452-1	QES-DEN
CADMIUM	ND	UG/L	0.30			E1452-1	QES-DEN
CHROMIUM	ND	UG/L	0.74			E1452-1	QES-DEN
COBALT	ND	UG/L	0.92			E1452-1	QES-DEN
COPPER	ND	UG/L	0.76			E1452-1	QES-DEN
NICKEL	ND	UG/L	1.7			E1452-1	QES-DEN
SILVER	ND	UG/L	0.54			E1452-1	QES-DEN
TIN	ND	UG/L	3.4			E1452-1	QES-DEN
VANADIUM	ND	UG/L	0.61			E1452-1	QES-DEN
ZINC	ND	UG/L	6.8			E1452-1	QES-DEN
Matrix Spike:							
ANTIMONY				90		E12MQ-1	QES-DEN
BARIUM				97		E12MQ-1	QES-DEN
BERYLLIUM				91		E12MQ-1	QES-DEN
CADMIUM				91		E12MQ-1	QES-DEN
CHROMIUM				92		E12MQ-1	QES-DEN
COBALT				88		E12MQ-1	QES-DEN
COPPER				92		E12MQ-1	QES-DEN
NICKEL				92		E12MQ-1	QES-DEN
SILVER				92		E12MQ-1	QES-DEN
TIN				88		E12MQ-1	QES-DEN
VANADIUM				91		E12MQ-1	QES-DEN
ZINC				85		E12MQ-1	QES-DEN
Matrix Spike Duplicate:							
ANTIMONY				92	2.2	E12MQ-1	QES-DEN
BARIUM				99	1.6	E12MQ-1	QES-DEN
BERYLLIUM				95	4.9	E12MQ-1	QES-DEN
CADMIUM				95	4.3	E12MQ-1	QES-DEN
CHROMIUM				96	4.7	E12MQ-1	QES-DEN
COBALT				91	3.7	E12MQ-1	QES-DEN
COPPER				94	2	E12MQ-1	QES-DEN
NICKEL				96	4.1	E12MQ-1	QES-DEN
SILVER				97	5.4	E12MQ-1	QES-DEN
TIN				92	3.8	E12MQ-1	QES-DEN
VANADIUM				95	3.9	E12MQ-1	QES-DEN
ZINC				90	5.7	E12MQ-1	QES-DEN

Batch Identifier
Method Number: 6010B - TRAPrep Method: 3050B Pre-prep:
Batch Start Date: 29MAY02
Instrument: 020
Batch Number: 83

The following field samples are included in this batch:

Sample Name	Date Sampled	Lab Sample ID		QC Level
BAR-E-10SD1	22MAY02	E12QE-1	QES-DEN	QC
BAR-E-1SD1	22MAY02	E12N4-1	QES-DEN	QC
BAR-E-2SD1	22MAY02	E12PD-1	QES-DEN	QC
BAR-E-3SD1	22MAY02	E12PJ-1	QES-DEN	QC
BAR-E-4SD1	22MAY02	E12PM-1	QES-DEN	QC
BAR-E-5SD1	22MAY02	E12PR-1	QES-DEN	QC
BAR-E-6SD1	22MAY02	E12PW-1	QES-DEN	QC
BAR-E-6SD1-DUP	22MAY02	E12P1-1	QES-DEN	QC
BAR-E-7SD1	22MAY02	E12P4-1	QES-DEN	QC
BAR-E-8SD1	22MAY02	E12P7-1	QES-DEN	QC
BAR-E-9SD1	22MAY02	E12QA-1	QES-DEN	QC

(Batch continued from previous page)

(Batch continued from previous page)

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Lab Control Spike:							
ANTIMONY				89		E15KN-1	QES-DEN
BARIUM				97		E15KN-1	QES-DEN
BERYLLIUM				89		E15KN-1	QES-DEN
CADMIUM				89		E15KN-1	QES-DEN
CHROMIUM				90		E15KN-1	QES-DEN
COBALT				88		E15KN-1	QES-DEN
COPPER				95		E15KN-1	QES-DEN
NICKEL				91		E15KN-1	QES-DEN
SILVER				89		E15KN-1	QES-DEN
TIN				88		E15KN-1	QES-DEN
VANADIUM				91		E15KN-1	QES-DEN
ZINC				87		E15KN-1	QES-DEN
Method Blank:							
ANTIMONY	ND	MG/KG	0.44			E15KN-1	QES-DEN
BARIUM	ND	MG/KG	0.34			E15KN-1	QES-DEN
BERYLLIUM	ND	MG/KG	0.086			E15KN-1	QES-DEN
CADMIUM	ND	MG/KG	0.036			E15KN-1	QES-DEN
CHROMIUM	ND	MG/KG	0.072			E15KN-1	QES-DEN
COBALT	ND	MG/KG	0.072			E15KN-1	QES-DEN
COPPER	ND	MG/KG	0.19			E15KN-1	QES-DEN
NICKEL	ND	MG/KG	0.18			E15KN-1	QES-DEN
SILVER	ND	MG/KG	0.063			E15KN-1	QES-DEN
TIN	1.9	MG/KG				E15KN-1	QES-DEN
VANADIUM	ND	MG/KG	0.067			E15KN-1	QES-DEN
ZINC	ND	MG/KG	0.53			E15KN-1	QES-DEN
Matrix Spike:							
ANTIMONY				81		E12PW-1	QES-DEN
BARIUM				101		E12PW-1	QES-DEN
BERYLLIUM				89		E12PW-1	QES-DEN
CADMIUM				89		E12PW-1	QES-DEN
CHROMIUM				96		E12PW-1	QES-DEN
COBALT				89		E12PW-1	QES-DEN
COPPER				97		E12PW-1	QES-DEN
NICKEL				93		E12PW-1	QES-DEN
SILVER				90		E12PW-1	QES-DEN
TIN				87		E12PW-1	QES-DEN
VANADIUM				103		E12PW-1	QES-DEN
ZINC				92		E12PW-1	QES-DEN
Matrix Spike Duplicate:							
ANTIMONY				81	.59	E12PW-1	QES-DEN
BARIUM				100	1.3	E12PW-1	QES-DEN
BERYLLIUM				90	.51	E12PW-1	QES-DEN
CADMIUM				89	.06	E12PW-1	QES-DEN
CHROMIUM				96	.68	E12PW-1	QES-DEN
COBALT				89	.25	E12PW-1	QES-DEN
COPPER				96	.66	E12PW-1	QES-DEN
NICKEL				93	.38	E12PW-1	QES-DEN
SILVER				91	.59	E12PW-1	QES-DEN
TIN				88	.84	E12PW-1	QES-DEN
VANADIUM				92	8.9	E12PW-1	QES-DEN
ZINC				90	2.5	E12PW-1	QES-DEN

Comments:

6010B - TRAC (TIN): Detected in the method blank at 1.9 mg/kg. PQL is 10.0 mg/kg.
6010B - TRAC (ANTIMONY): The matrix spike and spike duplicate recoveries were outside control limits. Lab control spike recovery met acceptance criteria.

Batch Identifier
Method Number: 6020 Prep Method: 3005 Pre-prep:
Batch Start Date: 30MAY02
Instrument: 004
Batch Number: 51

The following field samples are included in this batch:

Sample Name	Date Sampled	Lab Sample ID		QC Level
BAR-W-10SW1-DIS	22MAY02	E12NK-1	QES-DEN	QC
BAR-W-1SW1-DIS	22MAY02	E12LM-1	QES-DEN	QC
BAR-W-2SW1-DIS	22MAY02	E12LW-1	QES-DEN	QC
BAR-W-3SW1-DIS	22MAY02	E12L0-1	QES-DEN	QC
BAR-W-4SW1-DIS	22MAY02	E12L9-1	QES-DEN	QC
BAR-W-5SW1-DIS	22MAY02	E12MH-1	QES-DEN	QC
BAR-W-6SW1-DIS	22MAY02	E12MT-1	QES-DEN	QC
BAR-W-6SW1-DIS-DUP	22MAY02	E12M1-1	QES-DEN	QC
BAR-W-7SW1-DIS	22MAY02	E12M8-1	QES-DEN	QC
BAR-W-8SW1-DIS	22MAY02	E12NA-1	QES-DEN	QC
BAR-W-9SW1-DIS	22MAY02	E12ND-1	QES-DEN	QC

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Lab Control Spike:							
ARSENIC-DISSOLVED				96		E17RR-1	QES-DEN
LEAD-DISSOLVED				100		E17RR-1	QES-DEN
SELENIUM-DISSOLVED				97		E17RR-1	QES-DEN
THALLIUM-DISSOLVED				103		E17RR-1	QES-DEN
Method Blank:							
ARSENIC-DISSOLVED	ND	UG/L	0.061			E17RR-1	QES-DEN
LEAD-DISSOLVED	ND	UG/L	0.15			E17RR-1	QES-DEN
SELENIUM-DISSOLVED	ND	UG/L	0.19			E17RR-1	QES-DEN
THALLIUM-DISSOLVED	ND	UG/L	0.015			E17RR-1	QES-DEN
Matrix Spike:							
ARSENIC-DISSOLVED				95		E12MT-1	QES-DEN
LEAD-DISSOLVED				102		E12MT-1	QES-DEN
SELENIUM-DISSOLVED				94		E12MT-1	QES-DEN
THALLIUM-DISSOLVED				105		E12MT-1	QES-DEN
Matrix Spike Duplicate:							
ARSENIC-DISSOLVED				95	.01	E12MT-1	QES-DEN
LEAD-DISSOLVED				103	.93	E12MT-1	QES-DEN
SELENIUM-DISSOLVED				95	1.1	E12MT-1	QES-DEN
THALLIUM-DISSOLVED				106	1.2	E12MT-1	QES-DEN

Batch Identifier
Method Number: 6020 Prep Method: 3010 Pre-prep:
Batch Start Date: 30MAY02
Instrument: 004
Batch Number: 46

The following field samples are included in this batch:

Sample Name	Date Sampled	Lab Sample ID		QC Level
BAR-K-EQBLK1	22MAY02	E12NR-1	QES-DEN	QC
BAR-K-EQBLK2	22MAY02	E12N1-1	QES-DEN	QC
BAR-W-10SW1	22MAY02	E12NG-1	QES-DEN	QC
BAR-W-1SW1	22MAY02	E12K7-1	QES-DEN	QC
BAR-W-2SW1	22MAY02	E12LN-1	QES-DEN	QC
BAR-W-3SW1	22MAY02	E12LX-1	QES-DEN	QC
BAR-W-4SW1	22MAY02	E12L2-1	QES-DEN	QC
BAR-W-5SW1	22MAY02	E12MD-1	QES-DEN	QC
BAR-W-6SW1	22MAY02	E12MQ-1	QES-DEN	QC
BAR-W-6SW1-DUP	22MAY02	E12MW-1	QES-DEN	QC
BAR-W-7SW1	22MAY02	E12M6-1	QES-DEN	QC
BAR-W-8SW1	22MAY02	E12M9-1	QES-DEN	QC
BAR-W-9SW1	22MAY02	E12NC-1	QES-DEN	QC

(Batch continued from previous page)

(Batch continued from previous page)

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Lab Control Spike:							
ARSENIC				95		E17QV-1	QES-DEN
LEAD				102		E17QV-1	QES-DEN
SELENIUM				93		E17QV-1	QES-DEN
THALLIUM				104		E17QV-1	QES-DEN
Method Blank:							
ARSENIC	ND	UG/L	0.061			E17QV-1	QES-DEN
LEAD	ND	UG/L	0.15			E17QV-1	QES-DEN
SELENIUM	ND	UG/L	0.19			E17QV-1	QES-DEN
THALLIUM	ND	UG/L	0.015			E17QV-1	QES-DEN
Matrix Spike:							
ARSENIC				93		E12MQ-1	QES-DEN
LEAD				99		E12MQ-1	QES-DEN
SELENIUM				87		E12MQ-1	QES-DEN
THALLIUM				103		E12MQ-1	QES-DEN
Matrix Spike Duplicate:							
ARSENIC				93	.71	E12MQ-1	QES-DEN
LEAD				102	2.9	E12MQ-1	QES-DEN
SELENIUM				88	1.5	E12MQ-1	QES-DEN
THALLIUM				107	3.5	E12MQ-1	QES-DEN

Batch Identifier
Method Number: 6020 Prep Method: 3050B Pre-prep:
Batch Start Date: 30MAY02
Instrument: 004
Batch Number: 43

The following field samples are included in this batch:

Sample Name	Date Sampled	Lab Sample ID		QC Level
BAR-E-10SD1	22MAY02	E12QE-1	QES-DEN	QC
BAR-E-1SD1	22MAY02	E12N4-1	QES-DEN	QC
BAR-E-2SD1	22MAY02	E12PD-1	QES-DEN	QC
BAR-E-3SD1	22MAY02	E12PJ-1	QES-DEN	QC
BAR-E-4SD1	22MAY02	E12PM-1	QES-DEN	QC
BAR-E-5SD1	22MAY02	E12PR-1	QES-DEN	QC
BAR-E-6SD1	22MAY02	E12PW-1	QES-DEN	QC
BAR-E-6SD1-DUP	22MAY02	E12P1-1	QES-DEN	QC
BAR-E-7SD1	22MAY02	E12P4-1	QES-DEN	QC
BAR-E-8SD1	22MAY02	E12P7-1	QES-DEN	QC
BAR-E-9SD1	22MAY02	E12QA-1	QES-DEN	QC

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Lab Control Spike:							
ARSENIC				94		E17QC-1	QES-DEN
LEAD				96		E17QC-1	QES-DEN
SELENIUM				92		E17QC-1	QES-DEN
THALLIUM				100		E17QC-1	QES-DEN
Method Blank:							
ARSENIC	ND	MG/KG	0.017			E17QC-1	QES-DEN
LEAD	0.0093	MG/KG				E17QC-1	QES-DEN
SELENIUM	ND	MG/KG	0.049			E17QC-1	QES-DEN
THALLIUM	ND	MG/KG	0.00099			E17QC-1	QES-DEN
Matrix Spike:							
ARSENIC				87		E12PW-1	QES-DEN
LEAD				96		E12PW-1	QES-DEN
SELENIUM				86		E12PW-1	QES-DEN
THALLIUM				100		E12PW-1	QES-DEN

(Batch continued from previous page)

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Matrix Spike Duplicate:							
ARSENIC				88	1.3	E12PW-1	QES-DEN
LEAD				98	2.2	E12PW-1	QES-DEN
SELENIUM				84	2.6	E12PW-1	QES-DEN
THALLIUM				99	.87	E12PW-1	QES-DEN

Comments:

6020 (LEAD): Detected in the method blank at 0.0093 mg/kg. PQL is 0.10 mg/kg.

Batch Identifier
Method Number: 7470A Prep Method: 7470A Pre-prep:
Batch Start Date: 29MAY02
Instrument: 018
Batch Number: 73

The following field samples are included in this batch:

Sample Name	Date Sampled	Lab Sample ID		QC Level
BAR-K-EQBLK1	22MAY02	E12NR-1	QES-DEN	QC
BAR-K-EQBLK2	22MAY02	E12N1-1	QES-DEN	QC
BAR-W-10SW1	22MAY02	E12NG-1	QES-DEN	QC
BAR-W-1SW1	22MAY02	E12K7-1	QES-DEN	QC
BAR-W-2SW1	22MAY02	E12LN-1	QES-DEN	QC
BAR-W-3SW1	22MAY02	E12LX-1	QES-DEN	QC
BAR-W-4SW1	22MAY02	E12L2-1	QES-DEN	QC
BAR-W-5SW1	22MAY02	E12MD-1	QES-DEN	QC
BAR-W-6SW1	22MAY02	E12MQ-1	QES-DEN	QC
BAR-W-6SW1-DUP	22MAY02	E12MW-1	QES-DEN	QC
BAR-W-7SW1	22MAY02	E12M6-1	QES-DEN	QC
BAR-W-8SW1	22MAY02	E12M9-1	QES-DEN	QC
BAR-W-9SW1	22MAY02	E12NC-1	QES-DEN	QC

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Lab Control Spike:							
MERCURY				101		E16F0-1	QES-DEN
Method Blank:							
MERCURY	ND	UG/L	0.028			E16F0-1	QES-DEN
Matrix Spike:							
MERCURY				98		E12MQ-1	QES-DEN
Matrix Spike Duplicate:							
MERCURY				99	1	E12MQ-1	QES-DEN

Batch Identifier
Method Number: 7470A Prep Method: 7470A Pre-prep:
Batch Start Date: 29MAY02
Instrument: 018
Batch Number: 74

The following field samples are included in this batch:

Sample Name	Date Sampled	Lab Sample ID		QC Level
BAR-W-10SW1-DIS	22MAY02	E12NK-1	QES-DEN	QC
BAR-W-1SW1-DIS	22MAY02	E12LM-1	QES-DEN	QC
BAR-W-2SW1-DIS	22MAY02	E12LW-1	QES-DEN	QC
BAR-W-3SW1-DIS	22MAY02	E12L0-1	QES-DEN	QC
BAR-W-4SW1-DIS	22MAY02	E12L9-1	QES-DEN	QC
BAR-W-5SW1-DIS	22MAY02	E12MH-1	QES-DEN	QC
BAR-W-6SW1-DIS	22MAY02	E12MT-1	QES-DEN	QC
BAR-W-6SW1-DIS-DUP	22MAY02	E12M1-1	QES-DEN	QC
BAR-W-7SW1-DIS	22MAY02	E12M8-1	QES-DEN	QC
BAR-W-8SW1-DIS	22MAY02	E12NA-1	QES-DEN	QC
BAR-W-9SW1-DIS	22MAY02	E12ND-1	QES-DEN	QC

(Batch continued from previous page)

(Batch continued from previous page)

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Lab Control Spike:							
MERCURY-DISSOLVED				101		E16F2-1	QES-DEN
Method Blank:							
MERCURY-DISSOLVED	ND	UG/L	0.028			E16F2-1	QES-DEN
Matrix Spike:							
MERCURY-DISSOLVED				98		E12MT-1	QES-DEN
Matrix Spike Duplicate:							
MERCURY-DISSOLVED				100	1.4	E12MT-1	QES-DEN

Batch Identifier
Method Number: 7471A Prep Method: 7471A Pre-prep:
Batch Start Date: 29MAY02
Instrument: 018
Batch Number: 66

The following field samples are included in this batch:

Sample Name	Date Sampled	Lab Sample ID		QC Level
BAR-E-10SD1	22MAY02	E12QE-1	QES-DEN	QC
BAR-E-1SD1	22MAY02	E12N4-1	QES-DEN	QC
BAR-E-2SD1	22MAY02	E12PD-1	QES-DEN	QC
BAR-E-3SD1	22MAY02	E12PJ-1	QES-DEN	QC
BAR-E-4SD1	22MAY02	E12PM-1	QES-DEN	QC
BAR-E-5SD1	22MAY02	E12PR-1	QES-DEN	QC
BAR-E-6SD1	22MAY02	E12PW-1	QES-DEN	QC
BAR-E-6SD1-DUP	22MAY02	E12P1-1	QES-DEN	QC
BAR-E-7SD1	22MAY02	E12P4-1	QES-DEN	QC
BAR-E-8SD1	22MAY02	E12P7-1	QES-DEN	QC
BAR-E-9SD1	22MAY02	E12QA-1	QES-DEN	QC

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Lab Control Spike:							
MERCURY				95		E16FP-1	QES-DEN
Lab Control Spike Duplicate:							
MERCURY				100	4.9	E16FP-1	QES-DEN
Method Blank:							
MERCURY	ND	MG/KG	0.0025			E16FP-1	QES-DEN
Matrix Spike:							
MERCURY				95		E12PW-1	QES-DEN
Matrix Spike Duplicate:							
MERCURY				95	.2	E12PW-1	QES-DEN

Batch Identifier
Method Number: 8260B Prep Method: 5030B Pre-prep:
Batch Start Date: 03JUN02
Instrument: R2
Batch Number: 03

The following field samples are included in this batch:

Sample Name	Date Sampled	Lab Sample ID		QC Level
BAR-K-EQBLK1	22MAY02	E12NR-1	QES-DEN	QC
BAR-K-EQBLK2	22MAY02	E12N1-1	QES-DEN	QC
BAR-W-10SW1	22MAY02	E12NG-1	QES-DEN	QC
BAR-W-1SW1	22MAY02	E12K7-1	QES-DEN	QC
BAR-W-2SW1	22MAY02	E12LN-1	QES-DEN	QC
BAR-W-3SW1	22MAY02	E12LX-1	QES-DEN	QC
BAR-W-4SW1	22MAY02	E12L2-1	QES-DEN	QC
BAR-W-5SW1	22MAY02	E12MD-1	QES-DEN	QC
BAR-W-6SW1	22MAY02	E12MQ-1	QES-DEN	QC

(Batch continued from previous page)

Sample Name	Date Sampled	Lab Sample ID		
BAR-W-6SW1-DUP	22MAY02	E12MW-1	QES-DEN	QC
BAR-W-7SW1	22MAY02	E12M6-1	QES-DEN	QC
BAR-W-8SW1	22MAY02	E12M9-1	QES-DEN	QC
BAR-W-9SW1	22MAY02	E12NC-1	QES-DEN	QC
TRIP BLANK	22MAY02	E12NQ-1	QES-DEN	QC

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Lab Control Spike:							
1,1-DICHLOROETHENE				114		E2CPK-1	QES-DEN
BENZENE				103		E2CPK-1	QES-DEN
CHLOROBENZENE				97		E2CPK-1	QES-DEN
TOLUENE				105		E2CPK-1	QES-DEN
TRICHLOROETHENE				99		E2CPK-1	QES-DEN
Surrogates:							
1,2-DICHLOROETHANE-D4				100		E2CPK-1	QES-DEN
4-BROMOFLUOROBENZENE				96		E2CPK-1	QES-DEN
DIBROMOFLUOROMETHANE				99		E2CPK-1	QES-DEN
TOLUENE-D8				101		E2CPK-1	QES-DEN
Lab Control Spike Duplicate:							
1,1-DICHLOROETHENE				110	4	E2CPK-1	QES-DEN
BENZENE				101	2.5	E2CPK-1	QES-DEN
CHLOROBENZENE				98	1.6	E2CPK-1	QES-DEN
TOLUENE				106	.74	E2CPK-1	QES-DEN
TRICHLOROETHENE				96	2.8	E2CPK-1	QES-DEN
Surrogates:							
1,2-DICHLOROETHANE-D4				95	5.2	E2CPK-1	QES-DEN
4-BROMOFLUOROBENZENE				99	2.1	E2CPK-1	QES-DEN
DIBROMOFLUOROMETHANE				95	4	E2CPK-1	QES-DEN
TOLUENE-D8				101	.56	E2CPK-1	QES-DEN
Method Blank:							
1,1,1,2-TETRACHLOROETHANE	ND	UG/L	0.28			E2CPK-1	QES-DEN
1,1,1-TRICHLOROETHANE	ND	UG/L	0.32			E2CPK-1	QES-DEN
1,1,2,2-TETRACHLOROETHANE	ND	UG/L	0.50			E2CPK-1	QES-DEN
1,1,2-TRICHLOROETHANE	ND	UG/L	0.41			E2CPK-1	QES-DEN
1,1-DICHLOROETHANE	ND	UG/L	0.29			E2CPK-1	QES-DEN
1,1-DICHLOROETHENE	ND	UG/L	0.31			E2CPK-1	QES-DEN
1,2,3-TRICHLOROPROPANE	ND	UG/L	0.76			E2CPK-1	QES-DEN
1,2-DIBROMO-3-CHLOROPROPANE (DBCP	ND	UG/L	0.49			E2CPK-1	QES-DEN
1,2-DIBROMOETHANE (EDB)	ND	UG/L	0.46			E2CPK-1	QES-DEN
1,2-DICHLOROETHANE	ND	UG/L	0.43			E2CPK-1	QES-DEN
1,2-DICHLOROPROPANE	ND	UG/L	0.38			E2CPK-1	QES-DEN
1,4-DIOXANE	ND	UG/L	36			E2CPK-1	QES-DEN
2-BUTANONE (MEK)	ND	UG/L	2.4			E2CPK-1	QES-DEN
2-HEXANONE	ND	UG/L	1.8			E2CPK-1	QES-DEN
4-METHYL-2-PENTANONE	ND	UG/L	1.8			E2CPK-1	QES-DEN
ACETONE	ND	UG/L	2.9			E2CPK-1	QES-DEN
ACETONITRILE	ND	UG/L	15			E2CPK-1	QES-DEN
ACROLEIN	ND	UG/L	4.7			E2CPK-1	QES-DEN
ACRYLONITRILE	ND	UG/L	4.9			E2CPK-1	QES-DEN
ALLYL CHLORIDE	ND	UG/L	0.64			E2CPK-1	QES-DEN
BENZENE	ND	UG/L	0.27			E2CPK-1	QES-DEN
BROMODICHLOROMETHANE	ND	UG/L	0.35			E2CPK-1	QES-DEN
BROMOFORM	ND	UG/L	0.46			E2CPK-1	QES-DEN
BROMOMETHANE	ND	UG/L	0.28			E2CPK-1	QES-DEN
CARBON DISULFIDE	ND	UG/L	0.67			E2CPK-1	QES-DEN
CARBON TETRACHLORIDE	ND	UG/L	0.35			E2CPK-1	QES-DEN
CHLOROBENZENE	ND	UG/L	0.24			E2CPK-1	QES-DEN
CHLOROETHANE	ND	UG/L	0.26			E2CPK-1	QES-DEN
CHLOROFORM	ND	UG/L	0.29			E2CPK-1	QES-DEN
CHLOROMETHANE	ND	UG/L	0.26			E2CPK-1	QES-DEN
CHLOROPRENE	ND	UG/L	0.35			E2CPK-1	QES-DEN
CIS-1,2-DICHLOROETHENE	ND	UG/L	0.33			E2CPK-1	QES-DEN
CIS-1,3-DICHLOROPROPENE	ND	UG/L	0.31			E2CPK-1	QES-DEN

(Batch continued from previous page)

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Method Blank:							
DIBROMOCHLOROMETHANE	ND	UG/L	0.37			E2CPK-1	QES-DEN
DIBROMOMETHANE	ND	UG/L	0.40			E2CPK-1	QES-DEN
DICHLORODIFLUOROMETHANE	ND	UG/L	0.44			E2CPK-1	QES-DEN
ETHYL METHACRYLATE	ND	UG/L	0.79			E2CPK-1	QES-DEN
ETHYLBENZENE	ND	UG/L	0.51			E2CPK-1	QES-DEN
IODOMETHANE	ND	UG/L	0.42			E2CPK-1	QES-DEN
ISOBUTYL ALCOHOL	ND	UG/L	26			E2CPK-1	QES-DEN
METHACRYLONITRILE	ND	UG/L	4.7			E2CPK-1	QES-DEN
METHYL METHACRYLATE	ND	UG/L	0.81			E2CPK-1	QES-DEN
METHYLENE CHLORIDE	ND	UG/L	0.86			E2CPK-1	QES-DEN
PROPIONITRILE	ND	UG/L	8.2			E2CPK-1	QES-DEN
STYRENE	ND	UG/L	0.28			E2CPK-1	QES-DEN
TETRACHLOROETHENE	ND	UG/L	0.27			E2CPK-1	QES-DEN
TOLUENE	ND	UG/L	0.26			E2CPK-1	QES-DEN
TRANS-1,2-DICHLOROETHENE	ND	UG/L	0.25			E2CPK-1	QES-DEN
TRANS-1,3-DICHLOROPROPENE	ND	UG/L	0.36			E2CPK-1	QES-DEN
TRANS-1,4-DICHLORO-2-BUTENE	ND	UG/L	0.70			E2CPK-1	QES-DEN
TRICHLOROETHENE	ND	UG/L	0.24			E2CPK-1	QES-DEN
TRICHLOROFLUOROMETHANE	ND	UG/L	0.43			E2CPK-1	QES-DEN
VINYL ACETATE	ND	UG/L	0.91			E2CPK-1	QES-DEN
VINYL CHLORIDE	ND	UG/L	0.26			E2CPK-1	QES-DEN
XYLENES (TOTAL)	ND	UG/L	0.73			E2CPK-1	QES-DEN
Surrogates:							
1,2-DICHLOROETHANE-D4				101		E2CPK-1	QES-DEN
4-BROMOFLUOROBENZENE				100		E2CPK-1	QES-DEN
DIBROMOFLUOROMETHANE				98		E2CPK-1	QES-DEN
TOLUENE-D8				100		E2CPK-1	QES-DEN
Matrix Spike:							
1,1-DICHLOROETHENE				114		E12MQ-1	QES-DEN
BENZENE				104		E12MQ-1	QES-DEN
CHLOROBENZENE				99		E12MQ-1	QES-DEN
TOLUENE				107		E12MQ-1	QES-DEN
TRICHLOROETHENE				98		E12MQ-1	QES-DEN
Surrogates:							
1,2-DICHLOROETHANE-D4				101		E12MQ-1	QES-DEN
4-BROMOFLUOROBENZENE				99		E12MQ-1	QES-DEN
DIBROMOFLUOROMETHANE				99		E12MQ-1	QES-DEN
TOLUENE-D8				102		E12MQ-1	QES-DEN
Matrix Spike Duplicate:							
1,1-DICHLOROETHENE				112	1.8	E12MQ-1	QES-DEN
BENZENE				102	2.3	E12MQ-1	QES-DEN
CHLOROBENZENE				101	2	E12MQ-1	QES-DEN
TOLUENE				110	2.3	E12MQ-1	QES-DEN
TRICHLOROETHENE				97	.8	E12MQ-1	QES-DEN
Surrogates:							
1,2-DICHLOROETHANE-D4				102	1.1	E12MQ-1	QES-DEN
4-BROMOFLUOROBENZENE				103	3.3	E12MQ-1	QES-DEN
DIBROMOFLUOROMETHANE				94	4.5	E12MQ-1	QES-DEN
TOLUENE-D8				103	.95	E12MQ-1	QES-DEN

Batch Identifier
Method Number: 8260B Prep Method: 5030B Pre-prep:
Batch Start Date: 04JUN02
Instrument: J
Batch Number: 67

The following field samples are included in this batch:

Sample Name	Date Sampled	Lab Sample ID		QC Level
BAR-E-10SD1	22MAY02	E12QE-1	QES-DEN	QC
BAR-E-1SD1	22MAY02	E12N4-1	QES-DEN	QC
BAR-E-2SD1	22MAY02	E12PD-1	QES-DEN	QC
BAR-E-3SD1	22MAY02	E12PJ-1	QES-DEN	QC
BAR-E-4SD1	22MAY02	E12PM-1	QES-DEN	QC
BAR-E-5SD1	22MAY02	E12PR-1	QES-DEN	QC
BAR-E-6SD1	22MAY02	E12PW-1	QES-DEN	QC
BAR-E-6SD1-DUP	22MAY02	E12P1-1	QES-DEN	QC
BAR-E-7SD1	22MAY02	E12P4-1	QES-DEN	QC
BAR-E-8SD1	22MAY02	E12P7-1	QES-DEN	QC
BAR-E-9SD1	22MAY02	E12QA-1	QES-DEN	QC

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Lab Control Spike:							
1,1-DICHLOROETHENE				115		E2FAR-1	QES-DEN
BENZENE				95		E2FAR-1	QES-DEN
CHLOROBENZENE				86		E2FAR-1	QES-DEN
TOLUENE				90		E2FAR-1	QES-DEN
TRICHLOROETHENE				88		E2FAR-1	QES-DEN
Surrogates:							
1,2-DICHLOROETHANE-D4				111		E2FAR-1	QES-DEN
4-BROMOFLUOROBENZENE				103		E2FAR-1	QES-DEN
DIBROMOFLUOROMETHANE				110		E2FAR-1	QES-DEN
TOLUENE-D8				103		E2FAR-1	QES-DEN
Lab Control Spike Duplicate:							
1,1-DICHLOROETHENE				110	3.9	E2FAR-1	QES-DEN
BENZENE				93	1.8	E2FAR-1	QES-DEN
CHLOROBENZENE				87	1.1	E2FAR-1	QES-DEN
TOLUENE				90	.33	E2FAR-1	QES-DEN
TRICHLOROETHENE				85	3	E2FAR-1	QES-DEN
Surrogates:							
1,2-DICHLOROETHANE-D4				108	2.5	E2FAR-1	QES-DEN
4-BROMOFLUOROBENZENE				105	2	E2FAR-1	QES-DEN
DIBROMOFLUOROMETHANE				108	1.8	E2FAR-1	QES-DEN
TOLUENE-D8				104	.9	E2FAR-1	QES-DEN
Method Blank:							
1,1,1,2-TETRACHLOROETHANE	ND	UG/KG	0.97			E2FAR-1	QES-DEN
1,1,1-TRICHLOROETHANE	ND	UG/KG	0.98			E2FAR-1	QES-DEN
1,1,2,2-TETRACHLOROETHANE	ND	UG/KG	1.1			E2FAR-1	QES-DEN
1,1,2-TRICHLOROETHANE	ND	UG/KG	1.5			E2FAR-1	QES-DEN
1,1-DICHLOROETHANE	ND	UG/KG	0.98			E2FAR-1	QES-DEN
1,1-DICHLOROETHENE	ND	UG/KG	1.1			E2FAR-1	QES-DEN
1,2,3-TRICHLOROPROPANE	ND	UG/KG	1.5			E2FAR-1	QES-DEN
1,2-DIBROMO-3-CHLOROPROPANE (DBCP	ND	UG/KG	1.4			E2FAR-1	QES-DEN
1,2-DIBROMOETHANE (EDB)	ND	UG/KG	0.92			E2FAR-1	QES-DEN
1,2-DICHLOROETHANE	ND	UG/KG	0.99			E2FAR-1	QES-DEN
1,2-DICHLOROPROPANE	ND	UG/KG	1.2			E2FAR-1	QES-DEN
1,4-DIOXANE	ND	UG/KG	79			E2FAR-1	QES-DEN
2-BUTANONE (MEK)	ND	UG/KG	4.7			E2FAR-1	QES-DEN
2-HEXANONE	ND	UG/KG	4.6			E2FAR-1	QES-DEN
4-METHYL-2-PENTANONE	ND	UG/KG	3.9			E2FAR-1	QES-DEN
ACETONE	ND	UG/KG	4.6			E2FAR-1	QES-DEN
ACETONITRILE	ND	UG/KG	24			E2FAR-1	QES-DEN
ACROLEIN	ND	UG/KG	17			E2FAR-1	QES-DEN
ACRYLONITRILE	ND	UG/KG	15			E2FAR-1	QES-DEN
ALLYL CHLORIDE	ND	UG/KG	0.92			E2FAR-1	QES-DEN

(Batch continued from previous page)

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Method Blank:							
BENZENE	ND	UG/KG	0.89			E2FAR-1	QES-DEN
BROMODICHLOROMETHANE	ND	UG/KG	0.92			E2FAR-1	QES-DEN
BROMOFORM	ND	UG/KG	0.91			E2FAR-1	QES-DEN
BROMOMETHANE	ND	UG/KG	1.2			E2FAR-1	QES-DEN
CARBON DISULFIDE	ND	UG/KG	0.92			E2FAR-1	QES-DEN
CARBON TETRACHLORIDE	ND	UG/KG	1.2			E2FAR-1	QES-DEN
CHLOROBENZENE	ND	UG/KG	0.75			E2FAR-1	QES-DEN
CHLOROETHANE	ND	UG/KG	1.3			E2FAR-1	QES-DEN
CHLOROFORM	ND	UG/KG	0.90			E2FAR-1	QES-DEN
CHLOROMETHANE	ND	UG/KG	1.5			E2FAR-1	QES-DEN
CHLOROPRENE	ND	UG/KG	0.88			E2FAR-1	QES-DEN
CIS-1,2-DICHLOROETHENE	ND	UG/KG	0.84			E2FAR-1	QES-DEN
CIS-1,3-DICHLOROPROPENE	ND	UG/KG	0.96			E2FAR-1	QES-DEN
DIBROMOCHLOROMETHANE	ND	UG/KG	0.90			E2FAR-1	QES-DEN
DIBROMOMETHANE	ND	UG/KG	1.3			E2FAR-1	QES-DEN
DICHLORODIFLUOROMETHANE	ND	UG/KG	1.6			E2FAR-1	QES-DEN
ETHYL METHACRYLATE	ND	UG/KG	0.91			E2FAR-1	QES-DEN
ETHYLBENZENE	ND	UG/KG	1.2			E2FAR-1	QES-DEN
IODOMETHANE	ND	UG/KG	0.83			E2FAR-1	QES-DEN
ISOBUTYL ALCOHOL	ND	UG/KG	42			E2FAR-1	QES-DEN
METHACRYLONITRILE	ND	UG/KG	14			E2FAR-1	QES-DEN
METHYL METHACRYLATE	ND	UG/KG	1.4			E2FAR-1	QES-DEN
METHYLENE CHLORIDE	1.2	UG/KG				E2FAR-1	QES-DEN
PROPIONITRILE	ND	UG/KG	17			E2FAR-1	QES-DEN
STYRENE	ND	UG/KG	0.66			E2FAR-1	QES-DEN
TETRACHLOROETHENE	ND	UG/KG	0.99			E2FAR-1	QES-DEN
TOLUENE	ND	UG/KG	0.78			E2FAR-1	QES-DEN
TRANS-1,2-DICHLOROETHENE	ND	UG/KG	0.79			E2FAR-1	QES-DEN
TRANS-1,3-DICHLOROPROPENE	ND	UG/KG	1.0			E2FAR-1	QES-DEN
TRANS-1,4-DICHLORO-2-BUTENE	ND	UG/KG	1.1			E2FAR-1	QES-DEN
TRICHLOROETHENE	ND	UG/KG	0.87			E2FAR-1	QES-DEN
TRICHLOROFLUOROMETHANE	ND	UG/KG	0.51			E2FAR-1	QES-DEN
VINYL ACETATE	ND	UG/KG	2.4			E2FAR-1	QES-DEN
VINYL CHLORIDE	ND	UG/KG	1.1			E2FAR-1	QES-DEN
XYLENES (TOTAL)	ND	UG/KG	2.8			E2FAR-1	QES-DEN
Surrogates:							
1,2-DICHLOROETHANE-D4				119		E2FAR-1	QES-DEN
4-BROMOFLUOROBENZENE				98		E2FAR-1	QES-DEN
DIBROMOFLUOROMETHANE				111		E2FAR-1	QES-DEN
TOLUENE-D8				98		E2FAR-1	QES-DEN
Matrix Spike:							
1,1-DICHLOROETHENE				120		E12PW-1	QES-DEN
BENZENE				97		E12PW-1	QES-DEN
CHLOROBENZENE				90		E12PW-1	QES-DEN
TOLUENE				94		E12PW-1	QES-DEN
TRICHLOROETHENE				93		E12PW-1	QES-DEN
Surrogates:							
1,2-DICHLOROETHANE-D4				109		E12PW-1	QES-DEN
4-BROMOFLUOROBENZENE				99		E12PW-1	QES-DEN
DIBROMOFLUOROMETHANE				108		E12PW-1	QES-DEN
TOLUENE-D8				100		E12PW-1	QES-DEN
Matrix Spike Duplicate:							
1,1-DICHLOROETHENE				120	.04	E12PW-1	QES-DEN
BENZENE				95	2	E12PW-1	QES-DEN
CHLOROBENZENE				87	3.3	E12PW-1	QES-DEN
TOLUENE				89	5	E12PW-1	QES-DEN
TRICHLOROETHENE				91	2.3	E12PW-1	QES-DEN
Surrogates:							
1,2-DICHLOROETHANE-D4				112	2.8	E12PW-1	QES-DEN
4-BROMOFLUOROBENZENE				98	.72	E12PW-1	QES-DEN

(Batch continued from previous page)

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Matrix Spike Duplicate:							
DIBROMOFLUOROMETHANE				109	.43	E12PW-1	QES-DEN
TOLUENE-D8				98	2.3	E12PW-1	QES-DEN

Comments:

8260B (METHYLENE CHLORIDE): Detected in the method blank at 1.2 ug/kg. PQL is 5.0 ug/kg.
8260B (1,1-DICHLOROETHENE): The matrix spike and spike duplicate recoveries were outside control limits. Lab control spike recovery met acceptance criteria.

Batch Identifier
Method Number: 8270C Prep Method: 3520C Pre-prep:
Batch Start Date: 28MAY02
Instrument: Q
Batch Number: 33

The following field samples are included in this batch:

Sample Name	Date Sampled	Lab Sample ID		QC Level
BAR-W-10SW1	22MAY02	E12NG-1	QES-DEN	QC
BAR-W-1SW1	22MAY02	E12K7-1	QES-DEN	QC
BAR-W-2SW1	22MAY02	E12LN-1	QES-DEN	QC
BAR-W-3SW1	22MAY02	E12LX-1	QES-DEN	QC
BAR-W-4SW1	22MAY02	E12L2-1	QES-DEN	QC
BAR-W-5SW1	22MAY02	E12MD-1	QES-DEN	QC
BAR-W-6SW1	22MAY02	E12MQ-1	QES-DEN	QC
BAR-W-6SW1-DUP	22MAY02	E12MW-1	QES-DEN	QC
BAR-W-7SW1	22MAY02	E12M6-1	QES-DEN	QC
BAR-W-8SW1	22MAY02	E12M9-1	QES-DEN	QC
BAR-W-9SW1	22MAY02	E12NC-1	QES-DEN	QC

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Lab Control Spike:							
1,2,4-TRICHLOROBENZENE				72		E131X-1	QES-DEN
1,4-DICHLOROBENZENE				67		E131X-1	QES-DEN
2-CHLOROPHENOL				79		E131X-1	QES-DEN
4-CHLORO-3-METHYLPHENOL				79		E131X-1	QES-DEN
4-NITROPHENOL				72		E131X-1	QES-DEN
ACENAPHTHENE				80		E131X-1	QES-DEN
N-NITROSODI-N-PROPYLAMINE				87		E131X-1	QES-DEN
PENTACHLOROPHENOL				85		E131X-1	QES-DEN
PHENOL				79		E131X-1	QES-DEN
PYRENE				79		E131X-1	QES-DEN
Surrogates:							
2,4,6-TRIBROMOPHENOL				86		E131X-1	QES-DEN
2-FLUOROBIPHENYL				80		E131X-1	QES-DEN
2-FLUOROPHENOL				81		E131X-1	QES-DEN
NITROBENZENE-D5				84		E131X-1	QES-DEN
PHENOL-D5				80		E131X-1	QES-DEN
TERPHENYL-D14				84		E131X-1	QES-DEN
Lab Control Spike Duplicate:							
1,2,4-TRICHLOROBENZENE				72	1.3	E131X-1	QES-DEN
1,4-DICHLOROBENZENE				72	8.3	E131X-1	QES-DEN
2-CHLOROPHENOL				74	6.2	E131X-1	QES-DEN
4-CHLORO-3-METHYLPHENOL				69	14	E131X-1	QES-DEN
4-NITROPHENOL				79	9.5	E131X-1	QES-DEN
ACENAPHTHENE				75	5.9	E131X-1	QES-DEN
N-NITROSODI-N-PROPYLAMINE				84	3.2	E131X-1	QES-DEN
PENTACHLOROPHENOL				83	2.4	E131X-1	QES-DEN
PHENOL				71	10	E131X-1	QES-DEN
PYRENE				82	3.8	E131X-1	QES-DEN

(Batch continued from previous page)

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Lab Control Spike Duplicate:							
Surrogates:							
2,4,6-TRIBROMOPHENOL				88	1.5	E131X-1	QES-DEN
2-FLUOROBIPHENYL				74	7.1	E131X-1	QES-DEN
2-FLUOROPHENOL				78	4.4	E131X-1	QES-DEN
NITROBENZENE-D5				82	3.2	E131X-1	QES-DEN
PHENOL-D5				76	5.6	E131X-1	QES-DEN
TERPHENYL-D14				84	.95	E131X-1	QES-DEN
Method Blank:							
1,2,4,5-TETRACHLOROBENZENE	ND	UG/L	1.9			E131X-1	QES-DEN
1,2,4-TRICHLOROBENZENE	ND	UG/L	1.8			E131X-1	QES-DEN
1,2-DICHLOROBENZENE	ND	UG/L	1.9			E131X-1	QES-DEN
1,3-DICHLOROBENZENE	ND	UG/L	2.5			E131X-1	QES-DEN
1,4-DICHLOROBENZENE	ND	UG/L	2.2			E131X-1	QES-DEN
1,4-NAPHTHOQUINONE	ND	UG/L	1.8			E131X-1	QES-DEN
1-NAPHTHYLAMINE	ND	UG/L	3.3			E131X-1	QES-DEN
2,3,4,6-TETRACHLOROPHENOL	ND	UG/L	2.2			E131X-1	QES-DEN
2,4,5-TRICHLOROPHENOL	ND	UG/L	1.1			E131X-1	QES-DEN
2,4,6-TRICHLOROPHENOL	ND	UG/L	1.1			E131X-1	QES-DEN
2,4-DICHLOROPHENOL	ND	UG/L	1.7			E131X-1	QES-DEN
2,4-DIMETHYLPHENOL	ND	UG/L	2.1			E131X-1	QES-DEN
2,4-DINITROPHENOL	ND	UG/L	16			E131X-1	QES-DEN
2,6-DICHLOROPHENOL	ND	UG/L	2.1			E131X-1	QES-DEN
2-ACETYLAMINOFLUORENE	ND	UG/L	1.8			E131X-1	QES-DEN
2-CHLORONAPHTHALENE	ND	UG/L	1.4			E131X-1	QES-DEN
2-CHLOROPHENOL	ND	UG/L	1.5			E131X-1	QES-DEN
2-METHYLNAPHTHALENE	ND	UG/L	1.9			E131X-1	QES-DEN
2-METHYLPHENOL	ND	UG/L	1.6			E131X-1	QES-DEN
2-NAPHTHYLAMINE	ND	UG/L	2.6			E131X-1	QES-DEN
2-NITROANILINE	ND	UG/L	1.6			E131X-1	QES-DEN
2-NITROPHENOL	ND	UG/L	1.7			E131X-1	QES-DEN
2-PICOLINE	ND	UG/L	1.2			E131X-1	QES-DEN
3,3'-DICHLOROBENZIDINE	ND	UG/L	16			E131X-1	QES-DEN
3,3'-DIMETHYLBENZIDINE	ND	UG/L	10			E131X-1	QES-DEN
3-METHYLCHOLANTHRENE	ND	UG/L	4.8			E131X-1	QES-DEN
3-METHYLPHENOL & 4-METHYLPHENOL	ND	UG/L	1.4			E131X-1	QES-DEN
3-NITROANILINE	ND	UG/L	6.7			E131X-1	QES-DEN
4,6-DINITRO-2-METHYLPHENOL	ND	UG/L	15			E131X-1	QES-DEN
4-AMINOBIPHENYL	ND	UG/L	1.6			E131X-1	QES-DEN
4-BROMOPHENYL PHENYL ETHER	ND	UG/L	1.3			E131X-1	QES-DEN
4-CHLORO-3-METHYLPHENOL	ND	UG/L	1.3			E131X-1	QES-DEN
4-CHLOROANILINE	ND	UG/L	7.3			E131X-1	QES-DEN
4-CHLOROPHENYL PHENYL ETHER	ND	UG/L	1.5			E131X-1	QES-DEN
4-DIMETHYLAMINOAZOBENZENE	ND	UG/L	3.2			E131X-1	QES-DEN
4-NITROANILINE	ND	UG/L	4.4			E131X-1	QES-DEN
4-NITROPHENOL	ND	UG/L	7.1			E131X-1	QES-DEN
4-NITROQUINOLINE-1-OXIDE	ND	UG/L	22			E131X-1	QES-DEN
4-PHENYLENEDIAMINE	ND	UG/L	17			E131X-1	QES-DEN
5-NITRO-O-TOLUIDINE	ND	UG/L	3.0			E131X-1	QES-DEN
7,12-DIMETHYLBENZ(A)ANTHRACENE	ND	UG/L	1.5			E131X-1	QES-DEN
ACENAPHTHENE	ND	UG/L	1.0			E131X-1	QES-DEN
ACENAPHTHYLENE	ND	UG/L	1.0			E131X-1	QES-DEN
ACETOPHENONE	ND	UG/L	1.4			E131X-1	QES-DEN
ALPHA,ALPHA-DIMETHYLPHENETHYLAMIN	ND	UG/L	13			E131X-1	QES-DEN
ANILINE	ND	UG/L	1.2			E131X-1	QES-DEN
ANTHRACENE	ND	UG/L	1.2			E131X-1	QES-DEN
ARAMITE	ND	UG/L	5.3			E131X-1	QES-DEN
BENZO(A)ANTHRACENE	ND	UG/L	1.3			E131X-1	QES-DEN
BENZO(A)PYRENE	ND	UG/L	1.9			E131X-1	QES-DEN
BENZO(B)FLUORANTHENE	ND	UG/L	2.2			E131X-1	QES-DEN
BENZO(GHI)PERYLENE	ND	UG/L	1.1			E131X-1	QES-DEN
BENZO(K)FLUORANTHENE	ND	UG/L	2.2			E131X-1	QES-DEN
BENZYL ALCOHOL	ND	UG/L	3.0			E131X-1	QES-DEN
BIS(2-CHLOROETHOXY)METHANE	ND	UG/L	1.4			E131X-1	QES-DEN
BIS(2-CHLOROETHYL) ETHER	ND	UG/L	1.8			E131X-1	QES-DEN
BIS(2-CHLOROISOPROPYL) ETHER	ND	UG/L	1.3			E131X-1	QES-DEN
BIS(2-ETHYLHEXYL) PHTHALATE	2.4	UG/L				E131X-1	QES-DEN
BUTYL BENZYL PHTHALATE	ND	UG/L	1.9			E131X-1	QES-DEN

(Batch continued from previous page)

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Method Blank:							
CHLOROBENZILATE	ND	UG/L	2.1			E131X-1	QES-DEN
CHRYSENE	ND	UG/L	1.5			E131X-1	QES-DEN
DI-N-BUTYL PHTHALATE	ND	UG/L	2.1			E131X-1	QES-DEN
DI-N-OCTYL PHTHALATE	ND	UG/L	2.0			E131X-1	QES-DEN
DIALLATE	ND	UG/L	2.1			E131X-1	QES-DEN
DIBENZ(A,H)ANTHRACENE	ND	UG/L	1.6			E131X-1	QES-DEN
DIBENZOFURAN	ND	UG/L	1.3			E131X-1	QES-DEN
DIETHYL PHTHALATE	ND	UG/L	2.0			E131X-1	QES-DEN
DIMETHOATE	ND	UG/L	1.8			E131X-1	QES-DEN
DIMETHYL PHTHALATE	ND	UG/L	1.8			E131X-1	QES-DEN
DIPHENYLAMINE	ND	UG/L	1.4			E131X-1	QES-DEN
ETHYL METHANESULFONATE	ND	UG/L	2.7			E131X-1	QES-DEN
FAMPHUR	ND	UG/L	24			E131X-1	QES-DEN
FLUORANTHENE	ND	UG/L	2.0			E131X-1	QES-DEN
FLUORENE	ND	UG/L	1.4			E131X-1	QES-DEN
HEXACHLOROBENZENE	ND	UG/L	1.5			E131X-1	QES-DEN
HEXACHLOROBUTADIENE	ND	UG/L	3.3			E131X-1	QES-DEN
HEXACHLOROCYCLOPENTADIENE	ND	UG/L	9.1			E131X-1	QES-DEN
HEXACHLOROETHANE	ND	UG/L	3.0			E131X-1	QES-DEN
HEXACHLOROPROPENE	ND	UG/L	1.5			E131X-1	QES-DEN
INDENO(1,2,3-CD)PYRENE	ND	UG/L	1.3			E131X-1	QES-DEN
ISODRIN	ND	UG/L	2.0			E131X-1	QES-DEN
ISOPHORONE	ND	UG/L	1.6			E131X-1	QES-DEN
ISOSAFROLE	ND	UG/L	1.9			E131X-1	QES-DEN
METHAPYRILENE	ND	UG/L	18			E131X-1	QES-DEN
METHYL METHANESULFONATE	ND	UG/L	6.0			E131X-1	QES-DEN
N-NITROSODI-N-BUTYLAMINE	ND	UG/L	1.8			E131X-1	QES-DEN
N-NITROSODI-N-PROPYLAMINE	ND	UG/L	1.8			E131X-1	QES-DEN
N-NITROSODIETHYLAMINE	ND	UG/L	1.6			E131X-1	QES-DEN
N-NITROSODIMETHYLAMINE	ND	UG/L	1.7			E131X-1	QES-DEN
N-NITROSODIPHENYLAMINE	ND	UG/L	5.3			E131X-1	QES-DEN
N-NITROSOMETHYLETHYLAMINE	ND	UG/L	3.0			E131X-1	QES-DEN
N-NITROSOMORPHOLINE	ND	UG/L	3.9			E131X-1	QES-DEN
N-NITROSOPIPERIDINE	ND	UG/L	1.9			E131X-1	QES-DEN
N-NITROSOPYRROLIDINE	ND	UG/L	2.4			E131X-1	QES-DEN
NAPHTHALENE	ND	UG/L	1.4			E131X-1	QES-DEN
O,O,O-TRIETHYL PHOSPHOROTHIOATE	ND	UG/L	2.4			E131X-1	QES-DEN
O-TOLUIDINE	ND	UG/L	1.2			E131X-1	QES-DEN
PARATHION	ND	UG/L	1.5			E131X-1	QES-DEN
PENTACHLOROBENZENE	ND	UG/L	1.2			E131X-1	QES-DEN
PENTACHLOROETHANE	ND	UG/L	1.9			E131X-1	QES-DEN
PENTACHLORONITROBENZENE	ND	UG/L	2.0			E131X-1	QES-DEN
PENTACHLOROPHENOL	ND	UG/L	7.7			E131X-1	QES-DEN
PHENACETIN	ND	UG/L	4.2			E131X-1	QES-DEN
PHENANTHRENE	ND	UG/L	1.2			E131X-1	QES-DEN
PHENOL	ND	UG/L	1.4			E131X-1	QES-DEN
PHORATE	ND	UG/L	1.8			E131X-1	QES-DEN
PRONAMIDE	ND	UG/L	1.4			E131X-1	QES-DEN
PYRENE	ND	UG/L	1.7			E131X-1	QES-DEN
PYRIDINE	ND	UG/L	12			E131X-1	QES-DEN
SAFROLE	ND	UG/L	2.0			E131X-1	QES-DEN
SULFOTEPP	ND	UG/L	2.1			E131X-1	QES-DEN
THIONAZIN	ND	UG/L	2.2			E131X-1	QES-DEN
Surrogates:							
2,4,6-TRIBROMOPHENOL				80		E131X-1	QES-DEN
2-FLUOROBIPHENYL				90		E131X-1	QES-DEN
2-FLUOROPHENOL				80		E131X-1	QES-DEN
NITROBENZENE-D5				87		E131X-1	QES-DEN
PHENOL-D5				83		E131X-1	QES-DEN
TERPHENYL-D14				86		E131X-1	QES-DEN
Matrix Spike:							
1,2,4-TRICHLOROBENZENE				74		E12MQ-1	QES-DEN
1,4-DICHLOROBENZENE				69		E12MQ-1	QES-DEN
2-CHLOROPHENOL				67		E12MQ-1	QES-DEN
4-CHLORO-3-METHYLPHENOL				77		E12MQ-1	QES-DEN
4-NITROPHENOL				79		E12MQ-1	QES-DEN
ACENAPHTHENE				73		E12MQ-1	QES-DEN

(Batch continued from previous page)

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Matrix Spike:							
N-NITROSODI-N-PROPYLAMINE				77		E12MQ-1	QES-DEN
PENTACHLOROPHENOL				81		E12MQ-1	QES-DEN
PHENOL				71		E12MQ-1	QES-DEN
PYRENE				80		E12MQ-1	QES-DEN
Surrogates:							
2,4,6-TRIBROMOPHENOL				83		E12MQ-1	QES-DEN
2-FLUOROBIPHENYL				81		E12MQ-1	QES-DEN
2-FLUOROPHENOL				73		E12MQ-1	QES-DEN
NITROBENZENE-D5				76		E12MQ-1	QES-DEN
PHENOL-D5				77		E12MQ-1	QES-DEN
TERPHENYL-D14				61		E12MQ-1	QES-DEN
Matrix Spike Duplicate:							
1,2,4-TRICHLOROBENZENE				64	14	E12MQ-1	QES-DEN
1,4-DICHLOROBENZENE				70	2.6	E12MQ-1	QES-DEN
2-CHLOROPHENOL				70	5.7	E12MQ-1	QES-DEN
4-CHLORO-3-METHYLPHENOL				75	1.3	E12MQ-1	QES-DEN
4-NITROPHENOL				77	1	E12MQ-1	QES-DEN
ACENAPHTHENE				75	4.3	E12MQ-1	QES-DEN
N-NITROSODI-N-PROPYLAMINE				71	5.4	E12MQ-1	QES-DEN
PENTACHLOROPHENOL				91	13	E12MQ-1	QES-DEN
PHENOL				69	.7	E12MQ-1	QES-DEN
PYRENE				78	1.6	E12MQ-1	QES-DEN
Surrogates:							
2,4,6-TRIBROMOPHENOL				88	6.1	E12MQ-1	QES-DEN
2-FLUOROBIPHENYL				75	8.3	E12MQ-1	QES-DEN
2-FLUOROPHENOL				69	6.4	E12MQ-1	QES-DEN
NITROBENZENE-D5				74	2.6	E12MQ-1	QES-DEN
PHENOL-D5				69	10	E12MQ-1	QES-DEN
TERPHENYL-D14				59	3.2	E12MQ-1	QES-DEN

Comments:

8270C (BIS(2-ETHYLHEXYL) PHTHALATE): Detected in the method blank at 2.4 ug/L. PQL is 10 ug/L.

Batch Identifier
Method Number: 8270C Prep Method: 3550 Pre-prep:
Batch Start Date: 01MAY02
Instrument: P
Batch Number: 11

The following field samples are included in this batch:

Sample Name	Date Sampled	Lab Sample ID		QC Level
BAR-E-9SD1	22MAY02	E12QA-1	QES-DEN	QC

Batch Identifier
Method Number: 8270C Prep Method: 3550 Pre-prep:
Batch Start Date: 31MAY02
Instrument: P
Batch Number: 11

The following field samples are included in this batch:

Sample Name	Date Sampled	Lab Sample ID		QC Level
BAR-E-10SD1	22MAY02	E12QE-1	QES-DEN	QC
BAR-E-1SD1	22MAY02	E12N4-1	QES-DEN	QC
BAR-E-2SD1	22MAY02	E12PD-1	QES-DEN	QC
BAR-E-3SD1	22MAY02	E12PJ-1	QES-DEN	QC
BAR-E-4SD1	22MAY02	E12PM-1	QES-DEN	QC
BAR-E-5SD1	22MAY02	E12PR-1	QES-DEN	QC

(Batch continued from previous page)

Sample Name	Date Sampled	Lab Sample ID		
BAR-E-6SD1	22MAY02	E12PW-1	QES-DEN	QC
BAR-E-6SD1-DUP	22MAY02	E12P1-1	QES-DEN	QC
BAR-E-7SD1	22MAY02	E12P4-1	QES-DEN	QC
BAR-E-8SD1	22MAY02	E12P7-1	QES-DEN	QC
BAR-E-9SD1	22MAY02	E12QA-1	QES-DEN	QC

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Lab Control Spike:							
1,2,4-TRICHLOROBENZENE				71		E2AK8-1	QES-DEN
1,4-DICHLOROBENZENE				66		E2AK8-1	QES-DEN
2-CHLOROPHENOL				72		E2AK8-1	QES-DEN
4-CHLORO-3-METHYLPHENOL				77		E2AK8-1	QES-DEN
4-NITROPHENOL				63		E2AK8-1	QES-DEN
ACENAPHTHENE				72		E2AK8-1	QES-DEN
N-NITROSODI-N-PROPYLAMINE				71		E2AK8-1	QES-DEN
PENTACHLOROPHENOL				72		E2AK8-1	QES-DEN
PHENOL				72		E2AK8-1	QES-DEN
PYRENE				71		E2AK8-1	QES-DEN
Surrogates:							
2,4,6-TRIBROMOPHENOL				79		E2AK8-1	QES-DEN
2-FLUOROBIPHENYL				75		E2AK8-1	QES-DEN
2-FLUOROPHENOL				73		E2AK8-1	QES-DEN
NITROBENZENE-D5				82		E2AK8-1	QES-DEN
PHENOL-D5				76		E2AK8-1	QES-DEN
TERPHENYL-D14				81		E2AK8-1	QES-DEN
Method Blank:							
1,2,4,5-TETRACHLOROBENZENE	ND	UG/KG	34			E2AK8-1	QES-DEN
1,2,4-TRICHLOROBENZENE	ND	UG/KG	64			E2AK8-1	QES-DEN
1,2-DICHLOROBENZENE	ND	UG/KG	64			E2AK8-1	QES-DEN
1,3-DICHLOROBENZENE	ND	UG/KG	71			E2AK8-1	QES-DEN
1,4-DICHLOROBENZENE	ND	UG/KG	55			E2AK8-1	QES-DEN
1,4-NAPHTHOQUINONE	ND	UG/KG	33			E2AK8-1	QES-DEN
1-NAPHTHYLAMINE	ND	UG/KG	84			E2AK8-1	QES-DEN
2,3,4,6-TETRACHLOROPHENOL	ND	UG/KG	410			E2AK8-1	QES-DEN
2,4,5-TRICHLOROPHENOL	ND	UG/KG	75			E2AK8-1	QES-DEN
2,4,6-TRICHLOROPHENOL	ND	UG/KG	50			E2AK8-1	QES-DEN
2,4-DICHLOROPHENOL	ND	UG/KG	88			E2AK8-1	QES-DEN
2,4-DIMETHYLPHENOL	ND	UG/KG	92			E2AK8-1	QES-DEN
2,4-DINITROPHENOL	ND	UG/KG	500			E2AK8-1	QES-DEN
2,6-DICHLOROPHENOL	ND	UG/KG	52			E2AK8-1	QES-DEN
2-ACETYLAMINOFLUORENE	ND	UG/KG	33			E2AK8-1	QES-DEN
2-CHLORONAPHTHALENE	ND	UG/KG	38			E2AK8-1	QES-DEN
2-CHLOROPHENOL	ND	UG/KG	73			E2AK8-1	QES-DEN
2-METHYLNAPHTHALENE	ND	UG/KG	59			E2AK8-1	QES-DEN
2-METHYLPHENOL	ND	UG/KG	77			E2AK8-1	QES-DEN
2-NAPHTHYLAMINE	ND	UG/KG	78			E2AK8-1	QES-DEN
2-NITROANILINE	ND	UG/KG	80			E2AK8-1	QES-DEN
2-NITROPHENOL	ND	UG/KG	120			E2AK8-1	QES-DEN
2-PICOLINE	ND	UG/KG	48			E2AK8-1	QES-DEN
3,3'-DICHLOROBENZIDINE	ND	UG/KG	70			E2AK8-1	QES-DEN
3,3'-DIMETHYLBENZIDINE	ND	UG/KG	400			E2AK8-1	QES-DEN
3-METHYLCHOLANTHRENE	ND	UG/KG	39			E2AK8-1	QES-DEN
3-METHYLPHENOL & 4-METHYLPHENOL	ND	UG/KG	74			E2AK8-1	QES-DEN
3-NITROANILINE	ND	UG/KG	85			E2AK8-1	QES-DEN
4,6-DINITRO-2-METHYLPHENOL	ND	UG/KG	420			E2AK8-1	QES-DEN
4-AMINOBIPHENYL	ND	UG/KG	330			E2AK8-1	QES-DEN
4-BROMOPHENYL PHENYL ETHER	ND	UG/KG	71			E2AK8-1	QES-DEN
4-CHLORO-3-METHYLPHENOL	ND	UG/KG	95			E2AK8-1	QES-DEN
4-CHLOROANILINE	ND	UG/KG	47			E2AK8-1	QES-DEN
4-CHLOROPHENYL PHENYL ETHER	ND	UG/KG	71			E2AK8-1	QES-DEN
4-DIMETHYLAMINOAZOBENZENE	ND	UG/KG	56			E2AK8-1	QES-DEN
4-NITROANILINE	ND	UG/KG	64			E2AK8-1	QES-DEN
4-NITROPHENOL	ND	UG/KG	95			E2AK8-1	QES-DEN
4-PHENYLENEDIAMINE	ND	UG/KG	840			E2AK8-1	QES-DEN
5-NITRO-O-TOLUIDINE	ND	UG/KG	59			E2AK8-1	QES-DEN
7,12-DIMETHYLBENZ(A)ANTHRACENE	ND	UG/KG	50			E2AK8-1	QES-DEN
A,A-DIMETHYLPHENETHYLAMINE	ND	UG/KG	330			E2AK8-1	QES-DEN

(Batch continued from previous page)

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Method Blank:							
ACENAPHTHENE	ND	UG/KG	46			E2AK8-1	QES-DEN
ACENAPHTHYLENE	ND	UG/KG	34			E2AK8-1	QES-DEN
ACETOPHENONE	ND	UG/KG	34			E2AK8-1	QES-DEN
ANILINE	ND	UG/KG	57			E2AK8-1	QES-DEN
ANTHRACENE	ND	UG/KG	78			E2AK8-1	QES-DEN
ARAMITE	ND	UG/KG	43			E2AK8-1	QES-DEN
BENZO(A)ANTHRACENE	ND	UG/KG	39			E2AK8-1	QES-DEN
BENZO(A)PYRENE	ND	UG/KG	94			E2AK8-1	QES-DEN
BENZO(B)FLUORANTHENE	ND	UG/KG	100			E2AK8-1	QES-DEN
BENZO(GHI)PERYLENE	ND	UG/KG	70			E2AK8-1	QES-DEN
BENZO(K)FLUORANTHENE	ND	UG/KG	93			E2AK8-1	QES-DEN
BENZYL ALCOHOL	ND	UG/KG	77			E2AK8-1	QES-DEN
BIS(2-CHLOROETHOXY)METHANE	ND	UG/KG	74			E2AK8-1	QES-DEN
BIS(2-CHLOROETHYL) ETHER	ND	UG/KG	49			E2AK8-1	QES-DEN
BIS(2-CHLOROISOPROPYL) ETHER	ND	UG/KG	69			E2AK8-1	QES-DEN
BIS(2-ETHYLHEXYL) PHTHALATE	ND	UG/KG	69			E2AK8-1	QES-DEN
BUTYL BENZYL PHTHALATE	ND	UG/KG	34			E2AK8-1	QES-DEN
CHLOROBENZILATE	ND	UG/KG	45			E2AK8-1	QES-DEN
CHRYSENE	ND	UG/KG	53			E2AK8-1	QES-DEN
DI-N-BUTYL PHTHALATE	ND	UG/KG	76			E2AK8-1	QES-DEN
DI-N-OCTYL PHTHALATE	ND	UG/KG	36			E2AK8-1	QES-DEN
DIALLATE	ND	UG/KG	51			E2AK8-1	QES-DEN
DIBENZ(A,H)ANTHRACENE	ND	UG/KG	47			E2AK8-1	QES-DEN
DIBENZOFURAN	ND	UG/KG	82			E2AK8-1	QES-DEN
DIETHYL PHTHALATE	ND	UG/KG	53			E2AK8-1	QES-DEN
DIMETHOATE	ND	UG/KG	47			E2AK8-1	QES-DEN
DIMETHYL PHTHALATE	ND	UG/KG	85			E2AK8-1	QES-DEN
DIPHENYLAMINE	ND	UG/KG	52			E2AK8-1	QES-DEN
ETHYL METHANESULFONATE	ND	UG/KG	44			E2AK8-1	QES-DEN
FAMPHUR	ND	UG/KG	100			E2AK8-1	QES-DEN
FLUORANTHENE	ND	UG/KG	84			E2AK8-1	QES-DEN
FLUORENE	ND	UG/KG	76			E2AK8-1	QES-DEN
HEXACHLOROBENZENE	ND	UG/KG	76			E2AK8-1	QES-DEN
HEXACHLOROBUTADIENE	ND	UG/KG	100			E2AK8-1	QES-DEN
HEXACHLOROCYCLOPENTADIENE	ND	UG/KG	33			E2AK8-1	QES-DEN
HEXACHLOROETHANE	ND	UG/KG	50			E2AK8-1	QES-DEN
HEXACHLOROPROPENE	ND	UG/KG	43			E2AK8-1	QES-DEN
INDENO(1,2,3-CD)PYRENE	ND	UG/KG	48			E2AK8-1	QES-DEN
ISODRIN	ND	UG/KG	40			E2AK8-1	QES-DEN
ISOPHORONE	ND	UG/KG	68			E2AK8-1	QES-DEN
ISOSAFROLE	ND	UG/KG	37			E2AK8-1	QES-DEN
METHAPYRILENE	ND	UG/KG	41			E2AK8-1	QES-DEN
METHYL METHANESULFONATE	ND	UG/KG	53			E2AK8-1	QES-DEN
N-NITROSODI-N-BUTYLAMINE	ND	UG/KG	56			E2AK8-1	QES-DEN
N-NITROSODI-N-PROPYLAMINE	ND	UG/KG	88			E2AK8-1	QES-DEN
N-NITROSODIETHYLAMINE	ND	UG/KG	47			E2AK8-1	QES-DEN
N-NITROSODIMETHYLAMINE	ND	UG/KG	59			E2AK8-1	QES-DEN
N-NITROSODIPHENYLAMINE	ND	UG/KG	72			E2AK8-1	QES-DEN
N-NITROSOMETHYLETHYLAMINE	ND	UG/KG	40			E2AK8-1	QES-DEN
N-NITROSOMORPHOLINE	ND	UG/KG	53			E2AK8-1	QES-DEN
N-NITROSOPIPERIDINE	ND	UG/KG	69			E2AK8-1	QES-DEN
N-NITROSOPYRROLIDINE	ND	UG/KG	43			E2AK8-1	QES-DEN
NAPHTHALENE	ND	UG/KG	70			E2AK8-1	QES-DEN
NITROQUINOLINE-1-OXIDE	ND	UG/KG	710			E2AK8-1	QES-DEN
O,O,O-TRIETHYL PHOSPHOROTHIOATE	ND	UG/KG	52			E2AK8-1	QES-DEN
O-TOLUIDINE	ND	UG/KG	98			E2AK8-1	QES-DEN
PARATHION	ND	UG/KG	47			E2AK8-1	QES-DEN
PENTACHLOROBENZENE	ND	UG/KG	40			E2AK8-1	QES-DEN
PENTACHLOROETHANE	ND	UG/KG	51			E2AK8-1	QES-DEN
PENTACHLORONITROBENZENE	ND	UG/KG	56			E2AK8-1	QES-DEN
PENTACHLOROPHENOL	ND	UG/KG	370			E2AK8-1	QES-DEN
PHENACETIN	ND	UG/KG	49			E2AK8-1	QES-DEN
PHENANTHRENE	ND	UG/KG	37			E2AK8-1	QES-DEN
PHENOL	ND	UG/KG	71			E2AK8-1	QES-DEN
PHORATE	ND	UG/KG	41			E2AK8-1	QES-DEN
PRONAMIDE	ND	UG/KG	50			E2AK8-1	QES-DEN
PYRENE	ND	UG/KG	40			E2AK8-1	QES-DEN
PYRIDINE	ND	UG/KG	400			E2AK8-1	QES-DEN
SAFROLE	ND	UG/KG	49			E2AK8-1	QES-DEN
SULFOTEPP	ND	UG/KG	48			E2AK8-1	QES-DEN
THIONAZIN	ND	UG/KG	62			E2AK8-1	QES-DEN

(Batch continued from previous page)

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Method Blank:							
Surrogates:							
2,4,6-TRIBROMOPHENOL				70		E2AK8-1	QES-DEN
2-FLUOROBIPHENYL				75		E2AK8-1	QES-DEN
2-FLUOROPHENOL				74		E2AK8-1	QES-DEN
NITROBENZENE-D5				83		E2AK8-1	QES-DEN
PHENOL-D5				75		E2AK8-1	QES-DEN
TERPHENYL-D14				81		E2AK8-1	QES-DEN
Matrix Spike:							
1,2,4-TRICHLOROBENZENE				51		E12PW-1	QES-DEN
1,4-DICHLOROBENZENE				48		E12PW-1	QES-DEN
2-CHLOROPHENOL				55		E12PW-1	QES-DEN
4-CHLORO-3-METHYLPHENOL				61		E12PW-1	QES-DEN
4-NITROPHENOL				50		E12PW-1	QES-DEN
ACENAPHTHENE				57		E12PW-1	QES-DEN
N-NITROSODI-N-PROPYLAMINE				54		E12PW-1	QES-DEN
PENTACHLOROPHENOL				38		E12PW-1	QES-DEN
PHENOL				56		E12PW-1	QES-DEN
PYRENE				60		E12PW-1	QES-DEN
Surrogates:							
2,4,6-TRIBROMOPHENOL				59		E12PW-1	QES-DEN
2-FLUOROBIPHENYL				57		E12PW-1	QES-DEN
2-FLUOROPHENOL				57		E12PW-1	QES-DEN
NITROBENZENE-D5				62		E12PW-1	QES-DEN
PHENOL-D5				62		E12PW-1	QES-DEN
TERPHENYL-D14				63		E12PW-1	QES-DEN
Matrix Spike Duplicate:							
1,2,4-TRICHLOROBENZENE				65	24	E12PW-1	QES-DEN
1,4-DICHLOROBENZENE				61	24	E12PW-1	QES-DEN
2-CHLOROPHENOL				66	18	E12PW-1	QES-DEN
4-CHLORO-3-METHYLPHENOL				70	14	E12PW-1	QES-DEN
4-NITROPHENOL				55	9.2	E12PW-1	QES-DEN
ACENAPHTHENE				67	17	E12PW-1	QES-DEN
N-NITROSODI-N-PROPYLAMINE				69	23	E12PW-1	QES-DEN
PENTACHLOROPHENOL				43	15	E12PW-1	QES-DEN
PHENOL				66	16	E12PW-1	QES-DEN
PYRENE				72	18	E12PW-1	QES-DEN
Surrogates:							
2,4,6-TRIBROMOPHENOL				70	16	E12PW-1	QES-DEN
2-FLUOROBIPHENYL				68	18	E12PW-1	QES-DEN
2-FLUOROPHENOL				68	17	E12PW-1	QES-DEN
NITROBENZENE-D5				78	23	E12PW-1	QES-DEN
PHENOL-D5				69	11	E12PW-1	QES-DEN
TERPHENYL-D14				79	23	E12PW-1	QES-DEN

Batch Identifier
Method Number: 8321 Prep Method: 3550 Pre-prep:
Batch Start Date: 03JUN02
Instrument: LCMS2
Batch Number: 62

The following field samples are included in this batch:

Sample Name	Date Sampled	Lab Sample ID		QC Level
BAR-E-10SD1	22MAY02	E12QE-1	QES-DEN	QC
BAR-E-1SD1	22MAY02	E12N4-1	QES-DEN	QC
BAR-E-2SD1	22MAY02	E12PD-1	QES-DEN	QC
BAR-E-3SD1	22MAY02	E12PJ-1	QES-DEN	QC
BAR-E-4SD1	22MAY02	E12PM-1	QES-DEN	QC
BAR-E-5SD1	22MAY02	E12PR-1	QES-DEN	QC

(Batch continued from previous page)

Sample Name	Date Sampled	Lab Sample ID		
BAR-E-6SD1-DUP	22MAY02	E12P1-1	QES-DEN	QC
BAR-E-7SD1	22MAY02	E12P4-1	QES-DEN	QC
BAR-E-8SD1	22MAY02	E12P7-1	QES-DEN	QC
BAR-E-9SD1	22MAY02	E12QA-1	QES-DEN	QC

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Lab Control Spike:							
1,3,5-TRINITROBENZENE				83		E2C04-1	QES-DEN
1,3-DINITROBENZENE				95		E2C04-1	QES-DEN
2,4,6-TRINITROTOLUENE				82		E2C04-1	QES-DEN
2,4-DINITROTOLUENE				81		E2C04-1	QES-DEN
2,6-DINITROTOLUENE				109		E2C04-1	QES-DEN
2-AMINO-4,6-DINITROTOLUENE				99		E2C04-1	QES-DEN
2-NITROTOLUENE				117		E2C04-1	QES-DEN
3-NITROTOLUENE				113		E2C04-1	QES-DEN
4-AMINO-2,6-DINITROTOLUENE				110		E2C04-1	QES-DEN
4-NITROTOLUENE				117		E2C04-1	QES-DEN
HMX				99		E2C04-1	QES-DEN
NITROBENZENE				96		E2C04-1	QES-DEN
NITROGLYCERIN				105		E2C04-1	QES-DEN
PETN				84		E2C04-1	QES-DEN
RDX				90		E2C04-1	QES-DEN
TETRYL				78		E2C04-1	QES-DEN
Surrogates:							
NITROBENZENE-D5				96		E2C04-1	QES-DEN
Lab Control Spike Duplicate:							
1,3,5-TRINITROBENZENE				83	.08	E2C04-1	QES-DEN
1,3-DINITROBENZENE				92	3.5	E2C04-1	QES-DEN
2,4,6-TRINITROTOLUENE				82	.48	E2C04-1	QES-DEN
2,4-DINITROTOLUENE				76	7	E2C04-1	QES-DEN
2,6-DINITROTOLUENE				109	.29	E2C04-1	QES-DEN
2-AMINO-4,6-DINITROTOLUENE				98	.86	E2C04-1	QES-DEN
2-NITROTOLUENE				109	6.7	E2C04-1	QES-DEN
3-NITROTOLUENE				111	2.4	E2C04-1	QES-DEN
4-AMINO-2,6-DINITROTOLUENE				105	5.2	E2C04-1	QES-DEN
4-NITROTOLUENE				110	5.7	E2C04-1	QES-DEN
HMX				95	4.4	E2C04-1	QES-DEN
NITROBENZENE				99	3.1	E2C04-1	QES-DEN
NITROGLYCERIN				100	4.8	E2C04-1	QES-DEN
PETN				82	2.9	E2C04-1	QES-DEN
RDX				90	.12	E2C04-1	QES-DEN
TETRYL				78	0	E2C04-1	QES-DEN
Surrogates:							
NITROBENZENE-D5				92	4	E2C04-1	QES-DEN
Method Blank:							
1,3,5-TRINITROBENZENE	ND	UG/KG	9.4			E2C04-1	QES-DEN
1,3-DINITROBENZENE	ND	UG/KG	12			E2C04-1	QES-DEN
2,4,6-TRINITROTOLUENE	ND	UG/KG	7.8			E2C04-1	QES-DEN
2,4-DINITROTOLUENE	ND	UG/KG	8.0			E2C04-1	QES-DEN
2,6-DINITROTOLUENE	ND	UG/KG	9.3			E2C04-1	QES-DEN
2-AMINO-4,6-DINITROTOLUENE	ND	UG/KG	27			E2C04-1	QES-DEN
2-NITROTOLUENE	ND	UG/KG	15			E2C04-1	QES-DEN
3-NITROTOLUENE	ND	UG/KG	11			E2C04-1	QES-DEN
4-AMINO-2,6-DINITROTOLUENE	ND	UG/KG	7.4			E2C04-1	QES-DEN
4-NITROTOLUENE	ND	UG/KG	27			E2C04-1	QES-DEN
HMX	ND	UG/KG	8.1			E2C04-1	QES-DEN
NITROBENZENE	ND	UG/KG	22			E2C04-1	QES-DEN
NITROGLYCERIN	ND	UG/KG	170			E2C04-1	QES-DEN
PETN	ND	UG/KG	140			E2C04-1	QES-DEN
RDX	ND	UG/KG	7.5			E2C04-1	QES-DEN
TETRYL	ND	UG/KG	22			E2C04-1	QES-DEN

(Batch continued from previous page)

Method Blank:

Surrogates:

NITROBENZENE-D5	93	E2C04-1	QES-DEN

Batch Identifier
Method Number: 8321 Prep Method: 3550 Pre-prep:
Batch Start Date: 04JUN02
Instrument: LCMS2
Batch Number: 63

The following field samples are included in this batch:

Sample Name	Date Sampled	Lab Sample ID		QC Level
BAR-E-6SD1	22MAY02	E12PW-1	QES-DEN	QC

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Lab Control Spike:							
1,3,5-TRINITROBENZENE				98		E2EL5-1	QES-DEN
1,3-DINITROBENZENE				96		E2EL5-1	QES-DEN
2,4,6-TRINITROTOLUENE				95		E2EL5-1	QES-DEN
2,4-DINITROTOLUENE				79		E2EL5-1	QES-DEN
2,6-DINITROTOLUENE				106		E2EL5-1	QES-DEN
2-AMINO-4,6-DINITROTOLUENE				103		E2EL5-1	QES-DEN
2-NITROTOLUENE				102		E2EL5-1	QES-DEN
3-NITROTOLUENE				111		E2EL5-1	QES-DEN
4-AMINO-2,6-DINITROTOLUENE				108		E2EL5-1	QES-DEN
4-NITROTOLUENE				104		E2EL5-1	QES-DEN
HMX				109		E2EL5-1	QES-DEN
NITROBENZENE				93		E2EL5-1	QES-DEN
NITROGLYCERIN				121		E2EL5-1	QES-DEN
PETN				79		E2EL5-1	QES-DEN
RDX				103		E2EL5-1	QES-DEN
TETRYL				104		E2EL5-1	QES-DEN

Surrogates:

NITROBENZENE-D5	89	E2EL5-1	QES-DEN

Method Blank:							
1,3,5-TRINITROBENZENE	ND	UG/KG	9.4			E2EL5-1	QES-DEN
1,3-DINITROBENZENE	ND	UG/KG	12			E2EL5-1	QES-DEN
2,4,6-TRINITROTOLUENE	ND	UG/KG	7.8			E2EL5-1	QES-DEN
2,4-DINITROTOLUENE	ND	UG/KG	8.0			E2EL5-1	QES-DEN
2,6-DINITROTOLUENE	ND	UG/KG	9.3			E2EL5-1	QES-DEN
2-AMINO-4,6-DINITROTOLUENE	ND	UG/KG	27			E2EL5-1	QES-DEN
2-NITROTOLUENE	ND	UG/KG	15			E2EL5-1	QES-DEN
3-NITROTOLUENE	ND	UG/KG	11			E2EL5-1	QES-DEN
4-AMINO-2,6-DINITROTOLUENE	ND	UG/KG	7.4			E2EL5-1	QES-DEN
4-NITROTOLUENE	ND	UG/KG	27			E2EL5-1	QES-DEN
HMX	ND	UG/KG	8.1			E2EL5-1	QES-DEN
NITROBENZENE	ND	UG/KG	22			E2EL5-1	QES-DEN
NITROGLYCERIN	ND	UG/KG	170			E2EL5-1	QES-DEN
PETN	ND	UG/KG	140			E2EL5-1	QES-DEN
RDX	ND	UG/KG	7.5			E2EL5-1	QES-DEN
TETRYL	ND	UG/KG	22			E2EL5-1	QES-DEN

Surrogates:

NITROBENZENE-D5	89	E2EL5-1	QES-DEN

(Batch continued from previous page)

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Matrix Spike:							
1,3,5-TRINITROBENZENE				91		E12PW-1	QES-DEN
1,3-DINITROBENZENE				95		E12PW-1	QES-DEN
2,4,6-TRINITROTOLUENE				92		E12PW-1	QES-DEN
2,4-DINITROTOLUENE				79		E12PW-1	QES-DEN
2,6-DINITROTOLUENE				106		E12PW-1	QES-DEN
2-AMINO-4,6-DINITROTOLUENE				102		E12PW-1	QES-DEN
2-NITROTOLUENE				103		E12PW-1	QES-DEN
3-NITROTOLUENE				108		E12PW-1	QES-DEN
4-AMINO-2,6-DINITROTOLUENE				111		E12PW-1	QES-DEN
4-NITROTOLUENE				105		E12PW-1	QES-DEN
HMX				112		E12PW-1	QES-DEN
NITROBENZENE				93		E12PW-1	QES-DEN
NITROGLYCERIN				98		E12PW-1	QES-DEN
PETN				78		E12PW-1	QES-DEN
RDX				100		E12PW-1	QES-DEN
TETRYL				93		E12PW-1	QES-DEN
Surrogates:							
NITROBENZENE-D5				85		E12PW-1	QES-DEN
Matrix Spike Duplicate:							
1,3,5-TRINITROBENZENE				93	1.5	E12PW-1	QES-DEN
1,3-DINITROBENZENE				95	.36	E12PW-1	QES-DEN
2,4,6-TRINITROTOLUENE				93	1.1	E12PW-1	QES-DEN
2,4-DINITROTOLUENE				80	1.9	E12PW-1	QES-DEN
2,6-DINITROTOLUENE				108	2.6	E12PW-1	QES-DEN
2-AMINO-4,6-DINITROTOLUENE				105	2	E12PW-1	QES-DEN
2-NITROTOLUENE				101	1.9	E12PW-1	QES-DEN
3-NITROTOLUENE				109	.95	E12PW-1	QES-DEN
4-AMINO-2,6-DINITROTOLUENE				112	.22	E12PW-1	QES-DEN
4-NITROTOLUENE				103	2.1	E12PW-1	QES-DEN
HMX				118	5.4	E12PW-1	QES-DEN
NITROBENZENE				92	.15	E12PW-1	QES-DEN
NITROGLYCERIN				114	15	E12PW-1	QES-DEN
PETN				79	2.2	E12PW-1	QES-DEN
RDX				106	5.6	E12PW-1	QES-DEN
TETRYL				101	8.5	E12PW-1	QES-DEN
Surrogates:							
NITROBENZENE-D5				87	2.4	E12PW-1	QES-DEN

Batch Identifier
Method Number: 8321 Prep Method: SW3535 Pre-prep:
Batch Start Date: 29MAY02
Instrument: LCMS2
Batch Number: 97

The following field samples are included in this batch:

Sample Name	Date Sampled	Lab Sample ID		QC Level
BAR-K-EQBLK1	22MAY02	E12NR-1	QES-DEN	QC
BAR-K-EQBLK2	22MAY02	E12N1-1	QES-DEN	QC
BAR-W-10SW1	22MAY02	E12NG-1	QES-DEN	QC
BAR-W-10SW1	22MAY02	E12NG-2	QES-DEN	QC
BAR-W-1SW1	22MAY02	E12K7-1	QES-DEN	QC
BAR-W-1SW1	22MAY02	E12K7-2	QES-DEN	QC
BAR-W-2SW1	22MAY02	E12LN-1	QES-DEN	QC
BAR-W-2SW1	22MAY02	E12LN-2	QES-DEN	QC
BAR-W-3SW1	22MAY02	E12LX-1	QES-DEN	QC
BAR-W-3SW1	22MAY02	E12LX-2	QES-DEN	QC
BAR-W-4SW1	22MAY02	E12L2-1	QES-DEN	QC
BAR-W-4SW1	22MAY02	E12L2-2	QES-DEN	QC
BAR-W-5SW1	22MAY02	E12MD-1	QES-DEN	QC
BAR-W-5SW1	22MAY02	E12MD-2	QES-DEN	QC
BAR-W-5SW1	22MAY02	E12MD-3	QES-DEN	QC
BAR-W-6SW1	22MAY02	E12MQ-1	QES-DEN	QC

(Batch continued from previous page)

Sample Name	Date Sampled	Lab Sample ID		
BAR-W-6SW1	22MAY02	E12MQ-2	QES-DEN	QC
BAR-W-6SW1-DUP	22MAY02	E12MW-1	QES-DEN	QC
BAR-W-6SW1-DUP	22MAY02	E12MW-2	QES-DEN	QC
BAR-W-7SW1	22MAY02	E12M6-1	QES-DEN	QC
BAR-W-7SW1	22MAY02	E12M6-2	QES-DEN	QC
BAR-W-8SW1	22MAY02	E12M9-1	QES-DEN	QC
BAR-W-8SW1	22MAY02	E12M9-2	QES-DEN	QC
BAR-W-9SW1	22MAY02	E12NC-1	QES-DEN	QC
BAR-W-9SW1	22MAY02	E12NC-2	QES-DEN	QC

Analyte/Parameter	Result	Unit	MDL	RPR	RPD	Lab Sample ID	
Matrix Spike:							
1,3,5-TRINITROBENZENE				54		E12MQ-1	QES-DEN
1,3-DINITROBENZENE				94		E12MQ-1	QES-DEN
2,4,6-TRINITROTOLUENE				72		E12MQ-1	QES-DEN
2,4-DINITROTOLUENE				76		E12MQ-1	QES-DEN
2,6-DINITROTOLUENE				100		E12MQ-1	QES-DEN
2-AMINO-4,6-DINITROTOLUENE				90		E12MQ-1	QES-DEN
2-NITROTOLUENE				83		E12MQ-1	QES-DEN
3-NITROTOLUENE				89		E12MQ-1	QES-DEN
4-AMINO-2,6-DINITROTOLUENE				88		E12MQ-1	QES-DEN
4-NITROTOLUENE				95		E12MQ-1	QES-DEN
HMX				62		E12MQ-1	QES-DEN
NITROBENZENE				84		E12MQ-1	QES-DEN
NITROGLYCERIN				55		E12MQ-1	QES-DEN
PETN				65		E12MQ-1	QES-DEN
RDX				92		E12MQ-1	QES-DEN
TETRYL				25		E12MQ-1	QES-DEN
Surrogates:							
NITROBENZENE-D5				93		E12MQ-1	QES-DEN
Matrix Spike Duplicate:							
1,3,5-TRINITROBENZENE				54	1.2	E12MQ-1	QES-DEN
1,3-DINITROBENZENE				91	3.4	E12MQ-1	QES-DEN
2,4,6-TRINITROTOLUENE				77	6.8	E12MQ-1	QES-DEN
2,4-DINITROTOLUENE				76	.67	E12MQ-1	QES-DEN
2,6-DINITROTOLUENE				95	3.5	E12MQ-1	QES-DEN
2-AMINO-4,6-DINITROTOLUENE				77	5.7	E12MQ-1	QES-DEN
2-NITROTOLUENE				75	7.6	E12MQ-1	QES-DEN
3-NITROTOLUENE				82	8.4	E12MQ-1	QES-DEN
4-AMINO-2,6-DINITROTOLUENE				100	3	E12MQ-1	QES-DEN
4-NITROTOLUENE				88	7.9	E12MQ-1	QES-DEN
HMX				66	6.7	E12MQ-1	QES-DEN
NITROBENZENE				80	5.9	E12MQ-1	QES-DEN
NITROGLYCERIN				51	7.3	E12MQ-1	QES-DEN
PETN				60	7.1	E12MQ-1	QES-DEN
RDX				93	1.6	E12MQ-1	QES-DEN
TETRYL				30	20	E12MQ-1	QES-DEN
Surrogates:							
NITROBENZENE-D5				83	11	E12MQ-1	QES-DEN

Comments:

8321 (1,3,5-TRINITROBENZENE): The matrix spike and spike duplicate recoveries were outside control limits. Lab control spike recovery met acceptance criteria.
8321 (HMX): The matrix spike and spike duplicate recoveries were outside control limits. Lab control spike recovery met acceptance criteria.
8321 (TETRYL): The matrix spike and spike duplicate recoveries were outside control limits. Lab control spike recovery met acceptance criteria.

[redacted]

3.6°C
QB 5/24

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 0 9 *

79858

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL4149 (0700)

Client	Project Manager	Date	Page 9 of 36
E.I. DuPont DeNemours	Cary Pooler	05/11/2002	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
Barley Mill Plaza Building 27	(000) / (000)	STL Denver	

City	State	Zip Code	Site Contact
Wilmington	DE	19805	TIM RATSEP

Project Number/Name	Carrier/Waybill Number
BAR	FE 8336 2206 0846

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260;S	MS8270CS	8321;S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270CL	MT6010;L	MT6010DS
~~BAR-W-1SW1~~	5/22/02	1433	~~WATER~~	~~1L~~	~~AMBER~~	~~2~~	~~None~~									X		
~~BAR-W-1SW1~~	↓	↓	WATER	1L	AMBER	2	None							X				
~~BAR-W-1SW1~~			WATER	40mL	VIAL	3	1:1 HCL								X			
~~BAR-W-1SW1~~			WATER	500mL	PLASTIC	1	Conc HNO3										X	
~~BAR-W-1SW1-DIS~~			WATER	500mL	PLASTIC	1	Conc HNO3											X

Special Instructions
Protocol G — 21 day TAT
Encore Prep on soils (BAR-S) — Metals - select 6010, 6020, Hg

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☐ Normal ☐ Rush ☐ Other ____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By [signature]	5/14/02		1. Received By [signature]	5/20/02	1200
2. Relinquished By [signature]	5/23/02	1200	2. Received By [signature]	5/24/02	0915
3. Relinquished By			3. Received By		

Comments

379

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

3 [redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 1 0 *

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

79859

STL4149 (0700)

Client: E.I. DuPont DeNemours	Project Manager: Cary Pooler	Date: 05/11/2002	Page 10 of 36
Address: Barley Mill Plaza Building 27	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver	
City: Wilmington; State: DE; Zip Code: 19805	Site Contact: TIM RATSEP		
Project Number/Name: BAR	Carrier/Waybill Number: FE 8336 2206 0846		

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Type	No.	Preservative	Condition on Receipt/Comments	MS8260;S	MS8270CS	8321;S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270CL	MT6010;L	MT6010DS
~~BAR-W-2SW1~~	5/22/02	15[illegible]	WATER	1L	AMBER	2	None									X		
~~BAR-W-2SW1~~	↓	↓	WATER	1L	AMBER	2	None							X				
~~BAR-W-2SW1~~	↓	↓	WATER	40mL	VIAL	3	1:1 HCL								X			
~~BAR-W-2SW1~~	↓	↓	WATER	500mL	PLASTIC	1	Conc HNO3										X	
BAR-W-2SW1-DIS	↓	↓	WATER	500mL	PLASTIC	1	Conc HNO3											X

Special Instructions: Protocol G; Encore Prep on soils (BAR-S); 21 day TAT; Metals - select 6010, 6020, Hg

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☑ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☑ Normal ☐ Rush ☐ Other ______

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	5/14/02		1. Received By	5/20/02	1200
2. Relinquished By	5/23/02	1200	2. Received By	5/24/02	0915
3. Relinquished By			3. Received By		

380

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

3

[redacted]

Chain of Custody Record

3.5°C DG 5/24 79860

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 1 1 *

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL4149 (0700)

Client: E.I. DuPont DeNemours	Project Manager: Cary Pooler	Date: 05/11/2002	Page 11 of 36
Address: Barley Mill Plaza Building 27	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver	
City: Wilmington; State: DE; Zip Code: 19805	Site Contact: TIM RATSEP		
Project Number/Name: BAR	Carrier/Waybill Number: FE 8336 2206 0846		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568		QUOTE: 39097	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	No.	Preservative	Condition on Receipt/Comments	MS8260;S	MS8270;CS	8321;S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270;CL	MT6010;L	MT6010DS
~~BAR-W-3SW1~~	5/22/02	1613	WATER	1L	AMBER	2	None									X		
~~BAR-W-3SW1~~	↓	↓	WATER	1L	AMBER	2	None							X				
~~BAR-W-3SW1~~			WATER	40mL	VIAL	3	1:1 HCL								X			
~~BAR-W-3SW1~~			WATER	500mL	PLASTIC	1	Conc HNO3										X	
~~BAR-W-3SW1-DIS~~			WATER	500mL	PLASTIC	1	Conc HNO3											X

Special Instructions: Protocol G
Encore Prep on soils (BAR-S)
21 day TAT
Metals - select 6010, 6020, Hg

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ______

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	5/14/02		1. Received By: [signature]	5/22/02	1200
2. Relinquished By: [signature]	5/23/02	1200	2. Received By: [signature]	5/24/02	0915
3. Relinquished By			3. Received By		

Comments

381

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

[redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 1 2 *

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

79861

STL4149 (0700)

Client: E.I. DuPont DeNemours	Project Manager: Cary Pooler	Date: 05/11/2002
Address: Barley Mill Plaza Building 27	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver
City: Wilmington; State: DE; Zip Code: 19805	Site Contact: TIM RATSEP	
Project Number/Name: BAR	Carrier/Waybill Number: FE 8336 2206 0846	

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Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	MS8260;S	MS8270CS	8321;S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270CL	MT6010;L	MT6010DS
~~BAR W 4SW1~~	5/22/02	1359	~~WATER~~	~~1L~~	~~AMBER~~	~~2~~	~~None~~									X		
~~BAR W 4SW1~~			~~WATER~~	~~1L~~	~~AMBER~~	~~2~~	~~None~~							X				
~~BAR W 4SW1~~			~~WATER~~	~~40mL~~	~~VIAL~~	~~3~~	~~1:1 HCL~~								X			
~~BAR W 4SW1~~			~~WATER~~	~~500mL~~	~~PLASTIC~~	~~1~~	~~Conc HNO3~~										X	
~~BAR W 4SW1 DIS~~			~~WATER~~	~~500mL~~	~~PLASTIC~~	~~1~~	~~Conc HNO3~~											X

Special Instructions: Protocol G; Encore Prep on soils (BAR-S); 21 day TAT; Metals - select 6010, 6020, Hg

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	5/11/02		1. Received By: [signature]	5/20/02	1200
2. Relinquished By: [signature]	5/23/02	1200	2. Received By: [signature]	5/24/02	0915
3. Relinquished By			3. Received By		

Comments

382

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

3 [redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 1 3 *

79862

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL4149 (0700)

Client	Project Manager	Date	Page
E.I. DuPont DeNemours	Cary Pooler	05/11/2002	Page 13 of 36

Address	Telephone Number (Area Code)/Fax Number	Lab Location
Barley Mill Plaza Building 27	(000) / (000)	STL Denver

City	State	Zip Code	Site Contact
Wilmington	DE	19805	TIM RATSEP

Project Number/Name: BAR

Carrier/Waybill Number: FE 8336 2206 0846

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260;S	MS8270CS	8321;S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270CL	MT6010;L	MT6010DS
BAR-W-5SW1	5/22/02	1645	WATER	1L	AMBER	2	None									X		
BAR-W-5SW1	↓	↓	WATER	1L	AMBER	2	None							X				
BAR-W-5SW1	↓	↓	WATER	40mL	VIAL	3	1:1 HCL								X			
BAR-W-5SW1	↓	↓	WATER	500mL	PLASTIC	1	Conc HNO3										X	
BAR-W-5SW1-DIS	↓	↓	WATER	500mL	PLASTIC	1	Conc HNO3											X

Special Instructions: Protocol G; Encore Prep on soils (BAR-S); 21 day TAT; Metals - select 6010, 6020, Hg

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By (signature)	5/14/02		1. Received By (signature)	5/20/02	1200
2. Relinquished By (signature)	5/23/02	1200	2. Received By (signature)	5/24/02	0915
3. Relinquished By			3. Received By		

383

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

3 [redacted]

2.6 C
D.S.

79863

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 1 4 *

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL4149 (0700)

Client: E.I. DuPont DeNemours	Project Manager: Cary Pooler	Date: 05/11/2002
Address: Barley Mill Plaza Building 27	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver
City: Wilmington; State: DE; Zip Code: 19805	Site Contact: TIM RATSEP	
Project Number/Name: BAR	Carrier/Waybill Number: FE 8336 2206 0846	

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Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	No.	Preservative	Condition on Receipt/Comments	MS8260;S	MS8270CS	8321;S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270CL	MT6010;L	MT6010DS
~~BAR-W-6SW1~~	5/22/02	1723	WATER	1L	AMBER	2	None									X		
~~BAR-W-6SW1~~	↓	↓	WATER	1L	AMBER	2	None							X				
~~BAR-W-6SW1~~			WATER	40mL	VIAL	3	1:1 HCL								X			
~~BAR-W-6SW1~~			WATER	500mL	PLASTIC	1	Conc HNO3										X	
~~BAR-W-6SW1-DIS~~			WATER	500mL	PLASTIC	1	Conc HNO3											X

Special Instructions: Protocol G; Encore Prep on soils (BAR-S); 21 day TAT; Metals - select 6010, 6020, Hg

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	5/14/02		1. Received By: [signature]	5/20/02	1200
2. Relinquished By: [signature]	5/23/02	1200	2. Received By: [signature]	5/24/02	0915
3. Relinquished By			3. Received By		

384

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

[redacted]

3

Chain of Custody Record

STL4149 (0700)

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 2 7 *

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

79876

Client	Project Manager	Date	Page
E.I. DuPont DeNemours	Cary Pooler	05/11/2002	Page 27 of 36

Address	Telephone Number (Area Code)/Fax Number	Lab Location
Barley Mill Plaza Building 27	(000) / (000)	STL Denver

City	State	Zip Code	Site Contact
Wilmington	DE	19805	TIM RATSEP

Project Number/Name	Carrier/Waybill Number
BAR	FE 8336 2206 0846

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Analysis

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260;S	MS8270CS	8321S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270CL	MT6010;L	MT6010DS
BAR-W-6SW1-MS	5/22/02	17:23	WATER	1L	AMBER	2	None									X		
BAR-W-6SW1-MS			WATER	1L	AMBER	2	None							X				
BAR-W-6SW1-MS			WATER	40mL	VIAL	3	1:1 HCL								X			
BAR-W-6SW1-MS			WATER	500mL	PLASTIC	1	Conc HNO3										X	
BAR-W-6SW1-MSD			WATER	1L	AMBER	2	None									X		
BAR-W-6SW1-MSD			WATER	1L	AMBER	2	None							X				
BAR-W-6SW1-MSD			WATER	40mL	VIAL	3	1:1 HCL								X			
BAR-W-6SW1-MSD			WATER	500mL	PLASTIC	1	Conc HNO3										X	
BAR-W-6SW1-DIS-MS			WATER	500mL	PLASTIC	1	Conc HNO3											X
BAR-W-6SW1-DIS-MSD	5/22/02	17:23	WATER	500mL	PLASTIC	1	Conc HNO3											X

Special Instructions
Protocol G
Encore Prep on soils (BAR-S)
21 day TAT
Metals - select 6010, 6020, Hg

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☐ Normal ☐ Rush ☐ Other ____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	5/14/03		1. Received By	5/20/02	1200
2. Relinquished By	5/23/02	1200	2. Received By	5/24/02	0915
3. Relinquished By			3. Received By		

385

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

3 [redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 2 6 *

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

Q.b C
DG 5/24 79875

STL4149 (0700)

Client: E.I. DuPont DeNemours	Project Manager: Cary Pooler	Date: 05/11/2002
Address: Barley Mill Plaza Building 27	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver
City: Wilmington; State: DE; Zip Code: 19805	Site Contact: TIM RATSEP	
Project Number/Name: BAR	Carrier/Waybill Number: FE 8336 2206 0846	

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260;S	MS8270CS	8321;S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270CL	MT6010;L	MT6010DS
~~BAR-W-6SW1-DUP~~	5/22/02	1723	WATER	1L	AMBER	2	None									X		
~~BAR-W-6SW1-DUP~~	↓	↓	WATER	1L	AMBER	2	None							X				
~~BAR-W-6SW1-DUP~~			WATER	40mL	VIAL	3	1:1 HCL								X			
~~BAR-W-6SW1-DUP~~			WATER	500mL	PLASTIC	1	Conc HNO3										X	
~~BAR-W-6SW1-DIS-DUP~~			WATER	500mL	PLASTIC	1	Conc HNO3											X

Special Instructions: Protocol G; Encore Prep on soils (BAR-S); 21 day TAT; ~~Metals~~ - select 6010, 6020, Hg

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	5/14/02		1. Received By: [signature]	5/20/02	1200
2. Relinquished By: [signature]	5/23/02	1200	2. Received By: [signature]	5/24/02	0915
3. Relinquished By			3. Received By		

386

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

3 [redacted]

Chain of Custody Record

1.7°C
5/24

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 1 5 *

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

79864

STL4149 (0700)

Client	Project Manager	Date	Page
E.I. DuPont DeNemours	Cary Pooler	05/11/2002	Page 15 of 36

Address	Telephone Number (Area Code)/Fax Number	Lab Location
Barley Mill Plaza Building 27	(000) / (000)	STL Denver

City	State	Zip Code	Site Contact
Wilmington	DE	19805	TIM RATSEP

Project Number/Name	Carrier/Waybill Number
BAR	FE 8336 2206 8846

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Analysis

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260;S	MS8270CS	8321;S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270CL	MT6010;L	MT6010DS
BAR-W-7SW1	5/22/02	18:00	WATER	1L	AMBER	2	None									X		
BAR-W-7SW1	↓	↓	WATER	1L	AMBER	2	None							X				
BAR-W-7SW1	↓	↓	WATER	40mL	VIAL	3	1:1 HCL								X			
BAR-W-7SW1	↓	↓	WATER	500mL	PLASTIC	1	Conc HNO3										X	
BAR-W-7SW1 DIS	↓	↓	WATER	500mL	PLASTIC	1	Conc HNO3											X

Special Instructions
Protocol G
Encore Prep on soils (BAR-S)
21 day TAT
Metals - select 6010, 6020, Hg

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☒ Normal ☐ Rush ☐ Other ______

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By [signature]	5/14/02		1. Received By [signature]		
2. Relinquished By [signature]	5/23/02	1200	2. Received By [signature]	5/24/02	0915
3. Relinquished By			3. Received By		

387

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

[redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 1 6 *

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

79865

STL4149 (0700)

Client	Project Manager	Date	Page
E.I. DuPont DeNemours	Cary Pooler	05/11/2002	Page 16 of 36

Address	Telephone Number (Area Code)/Fax Number	Lab Location
Barley Mill Plaza Building 27	(000) / (000)	STL Denver

City	State	Zip Code	Site Contact
Wilmington	DE	19805	TIM RATSEP

Project Number/Name	Carrier/Waybill Number
BAR	FE 8336 2206 0846

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260;S	MS8270CS	8321;S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270CL	MT6010;L	MT6010DS
BAR-W-8SW1	5/22/02	15:53	WATER	1L	AMBER	2	None									X		
BAR-W-8SW1	↓	↓	WATER	1L	AMBER	2	None							X				
BAR-W-8SW1			WATER	40mL	VIAL	3	1:1 HCL								X			
BAR-W-8SW1			WATER	500mL	PLASTIC	1	Conc HNO3										X	
BAR-W-8SW1-DIS			WATER	500mL	PLASTIC	1	Conc HNO3											X

Special Instructions: Protocol G 21 day TAT
Encore Prep on soils (BAR-S) ~~Metals~~ - select 6010, 6020, Hg

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	5/14/02		1. Received By: [signature]	5/20/02	1200
2. Relinquished By: [signature]	5/23/02	1200	2. Received By: [signature]	5/24/02	0915
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

[redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

007783-003

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

1.9C
DG 5/24

80009

STL4149 (0700)

Client: E.I. DuPont DeNemours	Project Manager: Cary Pooler	Date: 05/15/2002
Address: Barley Mill Plaza Building 27	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver
City: Wilmington; State: DE; Zip Code: 19805	Site Contact: TIM RATSEP	
Project Number/Name: BAR	Carrier/Waybill Number: FE 8336 2206 0846	

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260:S	MS8270CS	8321:S	ICPT:SEM	%MOIST	8321:L	MS8260:L	MS8270CL	MT6010:L	MT6010DS
BAR-W-9SW1	5/22/02	1509	WATER	1L	AMBER	2	None									X		
BAR-W-9SW1	↓	↓	WATER	1L	AMBER	2	None							X				
BAR-W-9SW1			WATER	40mL	VIAL	3	1:1 HCL								X			
BAR-W-9SW1			WATER	500mL	PLASTIC	1	Conc HNO3										X	
BAR-W-9SW1-DIS			WATER	500mL	PLASTIC	1	Conc HNO3											X

Special Instructions: Protocol G 21 day TAT
Encore Prep on soils (BAR-S) Metals - select 6010, 6020, Hg

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☑ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☑ Normal ☐ Rush ☐ Other ______

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	5/16/02		1. Received By: [signature]	5/20/02	1200
2. Relinquished By: [signature]	5/23/02	1200	2. Received By: [signature]	5/24/02	0915
3. Relinquished By			3. Received By		

Comments

389

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

[redacted]

80010

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 8 3 - 0 0 4 *

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL4149 (0700)

Client: E.I. DuPont DeNemours	Project Manager: Cary Pooler	Date: 05/15/2002
Address: Barley Mill Plaza Building 27	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver
City: Wilmington; State: DE; Zip Code: 19805	Site Contact: TIM RATSEP	
Project Number/Name: BAR	Carrier/Waybill Number: FE 8336 2206 0846	

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260;S	MS8270CS	8321;S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270CL	MT6010;L	MT6010DS
BAR-W-10SW1	5/22/02	1703	WATER	1L	AMBER	2	None									X		
BAR-W-10SW1	↓	↓	WATER	1L	AMBER	2	None							X				
BAR-W-10SW1			WATER	40mL	VIAL	3	1:1 HCL								X			
BAR-W-10SW1			WATER	500mL	PLASTIC	1	Conc HNO3										X	
BAR-W-10SW1-DIS			WATER	500mL	PLASTIC	1	Conc HNO3											X

Special Instructions: Protocol G; Encore Prep on soils (BAR-S); 21 day TAT; Metals - select 6010, 6020, Hg

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☑ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☑ Normal ☐ Rush ☐ Other____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	5/16/02		1. Received By: [signature]	5/20/02	1200
2. Relinquished By: [signature]	5/23/02	1201	2. Received By: [signature]	5/24/02	0915
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: *WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy*

[redacted]

Chain of Custody Record

STL4149 (0700)

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 2 9 *

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

To QC
DG 5/24 79878

Client	E.I. DuPont DeNemours
Project Manager	Cary Pooler
Date	05/11/2002
Page	29 of 36
Address	Barley Mill Plaza Building 27
Telephone Number (Area Code)/Fax Number	(000) / (000)
Lab Location	STL Denver
City	Wilmington
State	DE
Zip Code	19805
Site Contact	TIM RATSEP
Project Number/Name	BAR
Carrier/Waybill Number	FE 8336 2206 0846
Contract/Purchase Order/Quote Number	CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Analysis

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260;S	MS8270CS	8321;S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270CL	MT6010;L	MT6010DS
~~BAR-K-EQBLK1~~			~~WATER~~	~~1L~~	~~AMBER~~	~~2~~	~~None~~									X		
~~BAR-K-EQBLK1~~	5/22/02	1115	WATER	1L	AMBER	2	None							X				
~~BAR-K-EQBLK1~~	5/22/02	1115	WATER	40mL	VIAL	3	1:1 HCL								X			
~~BAR-K-EQBLK1~~	5/22/02	1115	WATER	500mL	PLASTIC	1	Conc HNO3										X	

Special Instructions: Protocol G; 21 day TAT; Encore Prep on soils (BAR-S); Metals - select 6010, 6020, Hg

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☒ Other

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By [signature]	5/14/02		1. Received By [signature]	5/20/02	1200
2. Relinquished By [signature]	5/22/02	1700	2. Received By [signature]	5/24/02	0915
3. Relinquished By			3. Received By		

Comments: This is SW EQBK.

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

153

[redacted]

Chain of Custody Record

STL4149 (0700)

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 3 0 *

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

79879

Client: E.I. DuPont DeNemours	Project Manager: Cary Pooler	Date: 05/11/2002	Page 30 of 36
Address: Barley Mill Plaza Building 27	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver	
City: Wilmington; State: DE; Zip Code: 19805	Site Contact: TIM RATSEP		
Project Number/Name: BAR	Carrier/Waybill Number: FE 8336 2206 0846		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568		QUOTE: 39097	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260;S	MS8270CS	8321;S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270CL	MT6010;L	MT6010DS
~~BAR-K-EQBLK2~~			~~WATER~~	~~1L~~	~~AMBER~~	~~2~~	~~None~~	jmd 5/22/02 (1)								X		
BAR-K-EQBLK2	5/22/02	1120	WATER	1L	AMBER	2	None							X				
BAR-K-EQBLK2	5/22/02	1120	WATER	40mL	VIAL	3	1:1 HCL								X			
BAR-K-EQBLK2	5/22/02	1120	WATER	500mL	PLASTIC	1	Conc HNO3										X	

Special Instructions: Protocol G; Encore Prep on soils (BAR-S); 21 day TAT; ~~Metals~~ select 6010, 6020, Hg

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☒ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	5/14/02		1. Received By: [signature]	5/20/02	1200
2. Relinquished By: [signature]	5/22/02	1700	2. Received By: [signature]	5/24/02	0915
3. Relinquished By			3. Received By		

Comments: (1) Lab did not send enough DI water for this test!! This is soil equipment blank (also sed.)

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

392

[redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 0 1 *

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

4.1 C
DS 5/24

79850

STL4149 (0700)

Client: E.I. DuPont DeNemours	Project Manager: Cary Pooler	Date: 05/11/2002
Address: Barley Mill Plaza Building 27	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver
City: Wilmington State: DE Zip Code: 19805	Site Contact: TIM RATSEP	
Project Number/Name: BAR	Carrier/Waybill Number: FK 8336 2206 0846	

Page 1 of 36

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568   QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260;SS	MS8270CS	8321;S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270CL	MT6010;L	MT6010DS
BAR-E-1SD1	5/22/02	1433	SOLID	4oz	CLEAR GL	1	None		X									
BAR-E-1SD1	5/22/02	1433	SOLID	8oz	CLEAR GL	2	None			X	X	X	X					

Special Instructions: Protocol G
Encore Prep on soils (BAR-S)
21 day TAT
Metals - select 6010, 6020, Hg

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	5/14/02		1. Received By: [signature]	5/20/02	1200
2. Relinquished By: [signature]	5/23/02	1200	2. Received By: [signature]	5/24/02	0915
3. Relinquished By			3. Received By		

383

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

3

[redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 0 2 *

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

79851

STL4149 (0700)

Client	Project Manager	Date	
E.I. DuPont DeNemours	Cary Pooler	05/11/2002	Page 2 of 36

Address	Telephone Number (Area Code)/Fax Number	Lab Location
Barley Mill Plaza Building 27	(000) / (000)	STL Denver

City	State	Zip Code	Site Contact
Wilmington	DE	19805	TIM RATSEP

Project Number/Name	Carrier/Waybill Number
BAR	FE 8336 2206 0846

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Analysis

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260¦SS	MS8270CS	8321¦S	ICPT¦SEM	%MOIST	8321¦L	MS8260¦L	MS8270CL	MT6010¦L	MT6010DS
BAR-E-2SD1	5/22/02	1522	SOLID	4oz	CLEAR GL	1	None		X									
BAR-E-2SD1	5/22/02	1522	SOLID	8oz	CLEAR GL	2	None			X	X	X	X					

Special Instructions Protocol G 21 day TAT

Encore Prep on soils (BAR-S) Metals - select 6010, 6020, Hg

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months

(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

☒ Normal ☐ Rush ☐ Other ______

QC Level

☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
	5/14/02			5/20/02	1200

2. Relinquished By	Date	Time	2. Received By	Date	Time
	5/23/02	1200		5/24/02	0915

3. Relinquished By	Date	Time	3. Received By	Date	Time

394

Comments

DISTRIBUTION: *WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy*

3 [redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

007750-003

79852

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL4149 (0700)

Client	Project Manager	Date	Page
E.I. DuPont DeNemours	Cary Pooler	05/11/2002	Page 3 of 36

Address	Telephone Number (Area Code)/Fax Number	Lab Location
Barley Mill Plaza Building 27	(000) / (000)	STL Denver

City	State	Zip Code	Site Contact
Wilmington	DE	19805	TIM RATSEP

Project Number/Name	Carrier/Waybill Number
BAR	FE 8336 2206 0846

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260;SS	MS8270CS	8321;S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270CL	MT6010;L	MT6010DS
BAR-E-3SD1	5/22/02	1613	SOLID	4oz	CLEAR GL	1	None		X									
BAR-E-3SD1	5/22/02	1613	SOLID	8oz	CLEAR GL	2	None			X	X	X	X					

Special Instructions
Protocol G — 21 day TAT
Encore Prep on soils (BAR-S) — Metals - select 6010, 6020, Hg

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

Relinquished By	Date	Time	Received By	Date	Time
1. [signature]	5/14/02		1. [signature]	5/20/02	1200
2. [signature]	5/23/02	1200	2. [signature]	5/24/02	0915
3.			3.		

Comments

385

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

3

[redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 0 4 *

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

79853

STL4149 (0700)

Client	Project Manager	Date	
E.I. DuPont DeNemours	Cary Pooler	05/11/2002	Page 4 of 36

Address	Telephone Number (Area Code)/Fax Number	Lab Location
Barley Mill Plaza Building 27	(000) / (000)	STL Denver

City	State	Zip Code	Site Contact
Wilmington	DE	19805	TIM RATSEP

Project Number/Name	Carrier/Waybill Number
BAR	FE 8336 2204 0846

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260;S	MS8270CS	8321;S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270CL	MT6010;L	MT6010DS
BAR-E-4SD1	5/22/02	1359	SOLID	4oz	CLEAR GL	1	None		X									
BAR-E-4SD1	5/22/02	1357	SOLID	8oz	CLEAR GL	2	None			X	X	X	X					

Special Instructions
Protocol G
Encore Prep on soils (BAR-S)
21 day TAT
Metals - select 6010, 6020, Hg

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☒ Normal ☐ Rush ☐ Other ____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
[signature]	5/14/02		[signature]	5/20/02	1200
2. Relinquished By	**Date**	**Time**	**2. Received By**	**Date**	**Time**
[signature]	5/23/02	1200	[signature]	5/24/02	0915
3. Relinquished By	**Date**	**Time**	**3. Received By**	**Date**	**Time**

396

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

3 [redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 0 5 *

79854

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL4149 (0700)

Client: E.I. DuPont DeNemours	Project Manager: Cary Pooler	Date: 05/11/2002
Address: Barley Mill Plaza Building 27	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver
City: Wilmington; State: DE; Zip Code: 19805	Site Contact: TIM RATSEP	
Project Number/Name: BAR	Carrier/Waybill Number: FE 833622060846	

Page 5 of 36

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Analysis

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	MS8260;S	MS8270CS	8321;S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270CL	MT6010;L	MT6010DS
~~BAR-E-5SD1~~	5/22/02	1645	~~SOLID~~	~~4oz~~	~~CLEAR GL~~	~~1~~	~~None~~		X									
~~BAR-E-5SD1~~	5/22/02	1645	~~SOLID~~	~~8oz~~	~~CLEAR GL~~	~~2~~	~~None~~			X	X	X	X					

Special Instructions: Protocol G; Encore Prep on soils (BAR-S); 21 day TAT; Metals - select 6010, 6020, Hg

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [X] Normal [ ] Rush [ ] Other ______

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: (signature)	5/14/02		1. Received By: (signature)	5/20/02	1200
2. Relinquished By: (signature)	5/23/02	1200	2. Received By: (signature)	5/24/02	0915
3. Relinquished By			3. Received By		

397

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

[redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 0 6 *

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

79855

STL4149 (0700)

Client: E.I. DuPont DeNemours	Project Manager: Cary Pooler	Date: 05/11/2002	Page 6 of 36
Address: Barley Mill Plaza Building 27	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver	
City: Wilmington; State: DE; Zip Code: 19805	Site Contact: TIM RATSEP		
Project Number/Name: BAR	Carrier/Waybill Number: FE 8336 2206 0846		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568		QUOTE: 39097	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260¦S	MS8270CS	8321¦S	ICPT¦SEM	%MOIST	8321¦L	MS8260¦L	MS8270CL	MT6010¦L	MT6010DS
~~BAR-E-6SD1~~	5/22/02	1723	SOLID	4oz	CLEAR GL	1	None		X									
~~BAR-E-6SD1~~	↓	↓	SOLID	8oz	CLEAR GL	2	None			X	X	X	X					
~~BAR-E-6SD1-DUP~~	↓	↓	SOLID	4oz	CLEAR GL	1	None		X									
~~BAR-E-6SD1-DUP~~	↓	↓	SOLID	8oz	CLEAR GL	2	None			X	X	X	X					

Special Instructions: Protocol G; 21 day TAT; Encore Prep on soils (BAR-S); Metals - select 6010, 6020, Hg

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☑ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☑ Normal ☐ Rush ☐ Other ______

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

1. Relinquished By: [signature]	Date: 5/14/02	Time:	1. Received By: [signature]	Date: 5/20/02	Time: 1200
2. Relinquished By: [signature]	Date: 5/23/02	Time: 1200	2. Received By: [signature]	Date: 5/24/02	Time: 0915
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

398

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

3 [redacted]

Chain of Custody Record

79856

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 0 7 *

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL4149 (0700)

Client: E.I. DuPont DeNemours	Project Manager: Cary Pooler	Date: 05/11/2002
Address: Barley Mill Plaza Building 27	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver
City: Wilmington State: DE Zip Code: 19805	Site Contact: TIM RATSEP	
Project Number/Name: BAR	Carrier/Waybill Number: FE 8336 2206 0846	

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Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260;S	MS8270CS	8321;S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270CL	MT6010;L	MT6010DS
~~BAR-E-7SD1~~	5/22/02	1800	SOLID	4oz	CLEAR GL	1	None		X									
~~BAR-E-7SD1~~	5/22/02	1800	SOLID	8oz	CLEAR GL	2	None			X	X	X	X					

Special Instructions: Protocol G; Encore Prep on soils (BAR-S); 21 day TAT; Metals - select 6010, 6020, Hg

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

1. Relinquished By: [signature]	Date: 5/14/02	Time:	1. Received By: [signature]	Date: 5/20/02	Time: 1200
2. Relinquished By: [signature]	Date: 5/23/02	Time: 1200	2. Received By: [signature]	Date: 5/23/02	Time: 0915
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

369

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

3 [redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 0 8 *

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

79857

STL4149 (0700)

Client: E.I. DuPont DeNemours	Project Manager: Cary Pooler	Date: 05/11/2002
Address: Barley Mill Plaza Building 27	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver
City: Wilmington State: DE Zip Code: 19805	Site Contact: TIM RATSEP	
Project Number/Name: BAR	Carrier/Waybill Number: FE 8336 2206 0846	

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Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Analysis

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	HS8260;S	MS8270CS	8321;S	ICPT;SEM	%MOIST	8321;L	HS8260;L	MS8270CL	HT6010;L	MT6010DS
BAR-E-8SD1	5/22/02	1553	SOLID	4oz	CLEAR GL	1	None		X									
BAR-E-8SD1	5/22/02	1553	SOLID	8oz	CLEAR GL	2	None			X	X	X	X					

Special Instructions: Protocol G; Encore Prep on soils (BAR-S); 21 day TAT; Metals - select 6010, 6020, Hg

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	5/14/02		1. Received By: [signature]	5/20/02	1200
2. Relinquished By: [signature]	5/23/02	1200	2. Received By: [signature]	5/24/02	0915
3. Relinquished By			3. Received By		

400

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

[redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

007783-001

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

80007

STL4149 (0700)

Client	Project Manager	Date	Page 1 of 6
E.I. DuPont DeNemours	Cary Pooler	05/15/2002	

Address	Telephone Number (Area Code)/Fax Number	Lab Location
Barley Mill Plaza Building 27	(000) / (000)	STL Denver

City	State	Zip Code	Site Contact
Wilmington	DE	19805	TIM RATSEP

Project Number/Name	Carrier/Waybill Number
BAR	FE 8336 2206 0846

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Analysis

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260;SS	MS8270CS	8321;S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270CL	MT6010;L	MT6010DS
BAR-E-9SD1	5/22/02	1509	SOLID	4oz	CLEAR GL	1	None		X									
BAR-E-9SD1	5/22/02	1509	SOLID	8oz	CLEAR GL	2	None			X	X	X	X					

Special Instructions: Protocol G 21 day TAT

Encore Prep on soils (BAR-S) Metals - select 6010, 6020, Hg

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ______

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	5/16/02		1. Received By: [signature]	5/20/02	1200
2. Relinquished By: [signature]	5/23/02	1200	2. Received By: [signature]	5/24/02	0915
3. Relinquished By			3. Received By		

Comments

401

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

3 [redacted]

80008

Chain of Custody Record

STL4149 (0700)

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 8 3 - 0 0 2 *

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

Client	Project Manager	Date	
E.I. DuPont DeNemours	Cary Pooler	05/15/2002	Page 2 of 6
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
Barley Mill Plaza Building 27	(000) / (000)	STL Denver	

City	State	Zip Code	Site Contact
Wilmington	DE	19805	TIM RATSEP

Project Number/Name: BAR

Carrier/Waybill Number: FE 8336 2206 0846

Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Analysis

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260¦S	MS8270CS	8321¦S	ICPT¦SEM	%MOIST	8321¦L	MS8260¦L	MS8270CL	MT6010¦L	MT6010DS
BAR-E-10SD1	5/22/02	1703	SOLID	4oz	CLEAR GL	1	None		X									
BAR-E-10SD1	5/22/02	1703	SOLID	8oz	CLEAR GL	2	None			X	X	X	X					

Special Instructions: Protocol G
Encore Prep on soils (BAR-S)
21 day TAT
Metals - select 6010, 6020, Hg

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ______

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By [signature]	5/16/02		1. Received By [signature]	5/20/02	1200
2. Relinquished By [signature]	5/23/02	1200	2. Received By [signature]	5/24/02	0915
3. Relinquished By			3. Received By		

Comments

402

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

3 [redacted]

79880

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

* 0 0 7 7 5 0 - 0 3 1 *

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL4149 (0700)

Client: E.I. DuPont DeNemours	Project Manager: Cary Pooler	Date: 05/11/2002
Address: Barley Mill Plaza Building 27	Telephone Number (Area Code)/Fax Number: (000) / (000)	Lab Location: STL Denver
City: Wilmington / State: DE / Zip Code: 19805	Site Contact: TIM RATSEP	
Project Number/Name: BAR	Carrier/Waybill Number: FE 8336 2206 0846	

Contract/Purchase Order/Quote Number
CONTRACT / PURCHASE ORDER # : 7035-507431-772000/LBIO-64568 QUOTE: 39097

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260;S	MS8270CS	8321;S	ICPT;SEM	%MOIST	8321;L	MS8260;L	MS8270CL	MT6010;L	MT6010DS
~~BAR-K-EQBLK3~~			WATER	1L	AMBER	2	None									X		
~~BAR-K-EQBLK3~~			WATER	1L	AMBER	2	None							X				
~~BAR-K-EQBLK3~~			WATER	40mL	VIAL	3	1:1 HCL								X			
~~BAR-K-EQBLK3~~			WATER	500mL	PLASTIC	1	Conc HNO3										X	

Special Instructions: Protocol G — 21 day TAT
Encore Prep on soils (BAR-S) — Metals - select 6010, 6020, Hg

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	5/14/02		1. Received By: [signature]	5/24/02	0915
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

403

Comments: NOT SAMPLED - LAB DID NOT SEND ENOUGH DI WATER!! [initials] 5/22/02

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

ENVIRONMENTAL STANDARDS

Setting the Standards for Innovative Environmental Solutions

QUALITY ASSURANCE REVIEW OF THE AQUEOUS AND SOLID SAMPLES COLLECTED ON MAY 22, 2002 FOR THE DUPONT CORPORATE REMEDIATION GROUP 5/02 SURFACE WATER AND SEDIMENT SAMPLING PROJECT AT THE BARKSDALE, WISCONSIN FACILITY

July 5, 2002

Prepared for:

DUPONT CORPORATE REMEDIATION GROUP
Barley Mill Plaza, Bldg. 27
Rts. 141 and 48
Wilmington, DE 19805

Prepared by:

ENVIRONMENTAL STANDARDS, INC.
1140 Valley Forge Road
P.O. Box 810
Valley Forge, PA 19482-0810

TABLE OF CONTENTS

Executive Summary

An analytical quality assurance review was performed on data for the 28 aqueous and solid samples (including quality control samples) collected in association with the DuPont Corporate Remediation Group 5/02 Surface Water and Sediment Sampling Project at the Barksdale Facility in Barksdale, Wisconsin. The organic analyses were performed by SW-846 methods. A comprehensive Contract Laboratory Program (CLP)-like raw data package was prepared by the laboratory and was reviewed by Environmental Standards.

The quality of the data is acceptable; however, the following qualifications were made:

- the results for tetryl in several samples were qualified due to a high percent difference in an associated initial calibration verification standard;
- the results for all nitroaromatics and nitroamines in one sample were qualified due to a low surrogate recovery;
- the results for tetryl and 1,3,5-trinitrobenzene in two samples were qualified due to low matrix spike and matrix spike duplicate recoveries; and
- based on standard project reporting requirements, the positive nitroaromatics and nitroamines results reported with concentrations between the laboratory's associated method detection limits and practical quantitation limits have been flagged "J".

Any reporting errors identified during the quality assurance review were corrected by the data reviewer or the laboratory. Amended data package pages provided by the laboratory have been included in the Project Correspondence section of the quality assurance review.

Introduction

This quality assurance (QA) review is based upon a rigorous examination of data generated from the 28 aqueous and solid samples (including quality control [QC] samples) that were collected on May 22, 2002, as part of the DuPont Corporate Remediation Group 5/02 Surface Water and Sediment Sampling Project at the Barksdale Facility in Barksdale, Wisconsin. The samples that have undergone a QA review are listed on Table 1. Table 1 also presents the field sample number, laboratory sample number, STL project number, collection date, and parameter analyzed and reviewed for each sample.

This review has been performed with guidance from the "National Functional Guidelines for Organic Data Review" (US EPA, 2/94).

The reported analytical results are presented on the data tables included in Section 2, "Target Analyte Summary." These data tables have been generated from the Corporate Environmental Database (CED) and include all final data validation qualifiers and results. Data were examined to determine the usability of the analytical results and compliance relative to requirements specified by "Test Methods for Evaluating Solid Waste" (SW-846, Third Revision, 1986, and updates as applicable). In addition, the deliverables prepared according to a Contract Laboratory Program-like data package were evaluated. Details of this QA review are presented in Section 1 of this report.

This critical QA review identifies data quality issues for specific samples and specific evaluation criteria. Data not qualified in this report should be considered valid based on the QC criteria that have been reviewed.

TABLE 1

SUMMARY OF SURFACE WATER AND SEDIMENT SAMPLE DATA REVIEWED

DUPONT BARKSDALE, WISCONSIN FACILITY

DuPont Corporate Remediation Group Sample Identification	Laboratory Sample Number	STL Project Number	Date of Sample Collection	Parameter Analyzed and Reviewed
BAR-W-1SW1	E12K7	D2E240247	5/22/02	E
BAR-W-2SW1	E12LN	D2E240247	5/22/02	E
BAR-W-3SW1	E12LX	D2E240247	5/22/02	E
BAR-W-4SW1	E12L2	D2E240247	5/22/02	E
BAR-W-5SW1	E12MD	D2E240247	5/22/02	E
BAR-W-6SW1	E12MQ	D2E240247	5/22/02	E
BAR-W-6SW1MS (Matrix Spike)	E12MQMS	D2E240247	5/22/02	E
BAR-W-6SW1MSD (Matrix Spike Duplicate)	E12MQMSD	D2E240247	5/22/02	E
BAR-W-6SW1-DUP (Field Duplicate of BAR-W-6SW1)	E12MW	D2E240247	5/22/02	E
BAR-W-7SW1	E12M6	D2E240247	5/22/02	E
BAR-W-8SW1	E12M9	D2E240247	5/22/02	E
BAR-W-9SW1	E12NC	D2E240247	5/22/02	E
BAR-W-10SW1	E12NG	D2E240247	5/22/02	E
BAR-K-EQBLK1	E12NR	D2E240247	5/22/02	E
BAR-K-EQBLK2	E12N1	D2E240247	5/22/02	E
BAR-E-1SD1	E12N4	D2E240247	5/22/02	E
BAR-E-2SD1	E12PD	D2E240247	5/22/02	E
BAR-E-3SD1	E12PJ	D2E240247	5/22/02	E
BAR-E-4SD1	E12PM	D2E240247	5/22/02	E
BAR-E-5SD1	E12PR	D2E240247	5/22/02	E
BAR-E-6SD1	E12PW	D2E240247	5/22/02	E

TABLE 1 (Cont.)

DuPont Corporate Remediation Group Sample Identification	Laboratory Sample Number	STL Project Number	Date of Sample Collection	Parameter Analyzed and Reviewed
BAR-E-6SD1MS (Matrix Spike)	E12PWMS	D2E240247	5/22/02	E
BAR-E-6SD1MSD (Matrix Spike Duplicate)	E12PWMSD	D2E240247	5/22/02	E
BAR-E-6SD1-DUP (Field Duplicate of BAR-E-6SD1)	E12P1	D2E240247	5/22/02	E
BAR-E-7SD1	E12P4	D2E240247	5/22/02	E
BAR-E-8SD1	E12P7	D2E240247	5/22/02	E
BAR-E-9SD1	E12QA	D2E240247	5/22/02	E
BAR-E-10SD1	E12QE	D2E240247	5/22/02	E

NOTE:

E - Nitroaromatics and Nitroamines by SW-846 Method 8321A (Modified per STL SOP No. DEN-LC-0010, Revision No. 3).

Section 1 Quality Assurance Review

A. Organic Data

The organic analyses of 28 aqueous and solid samples (including QC samples) collected as part of the DuPont Corporate Remediation Group (DuPont) 5/02 Surface Water and Sediment Sampling Project at the Barksdale, Wisconsin, Facility on May 22 , 2002, were performed by Severn Trent Laboratories, Inc. (STL) in Denver, Colorado. All samples were analyzed for nitroaromatics and nitroamines according to SW-846 Method 8321A, as specified in "Test Methods for Evaluating Solid Waste" (SW-846, Third Edition, Final Update II, September, 1994) and modified as specified in STL proprietary Standard Operating Procedure (SOP) No. DEN-LC-0010 (Revision No. 3). This modified method uses liquid chromatography with a thermospray interfaced to a mass spectrometer (LC/TSP/MS). These analyses are identified on Table 1. The data were presented in one Contract Laboratory Program (CLP)-like data package.

The findings offered in this report are based upon a rigorous review of the following:

- sample holding times
- blank analysis results
- surrogate recoveries
- matrix spike (MS) and MS duplicate (MSD) recoveries and precision
- quantitation of results
- field duplicate precision
- sample condition upon laboratory receipt
- initial and continuing calibrations
- analytical sequence
- laboratory control sample (LCS) and LCS duplicate (LCSD) recoveries and precision
- qualitative identification

The analytical results for the organic compounds are provided as a summary of the data in Section 2 of this report.

Data Package Deliverables

Overall, the organic data quality is good. The following analytical criteria and reporting requirements were not met for the original data package received. Reporting errors identified during the quality assurance review were corrected by the data reviewer or the laboratory. Amended data package pages provided by the laboratory have been included in the Project Correspondence (Section 5). The following items do not necessarily affect data usability. Usability is addressed in the Data Evaluation section.

Noncorrectable Deficiencies

1. As noted on the Chain-of-Custody Records, sample cooler temperatures ranging from 0.5°C to 2.6°C were recorded upon laboratory receipt for some of the project samples. Samples collected for nitroaromatics and nitroamines analyses are required to be

preserved at a temperature of 4°C (STL SOP No. DEN-LC-0010 [Section 8.2., pg. 10 of 33]). The data reviewer, however, does not consider the data to have been impacted because none of the sample containers was frozen when received at the laboratory.

2. The coefficient of determination for PETN in the initial calibration (file:ex22f03) was less than the 0.990 criterion specified for valid calibrations (where second-order regression equations are used) in STL SOP No. DEN-LC-0010 (Section 10.4.4, pg. 13 of 33). Positive results were not observed for PETN in the associated samples; therefore, qualification of data was not warranted due to this issue.

3. The percent difference (%D) for tetryl in an initial calibration verification standard (ICV) (file: ex22f0309) was greater than the 30% criterion specified for valid ICVs in STL SOP No. DEN-LC-0010 (Section 10.5, pg. 14 of 33). The qualification of the tetryl data due to this issue is addressed in the Organic Data Qualifiers section.

4. The laboratory analyzed a few continuing calibration verification standards (CCVs) with concentrations of 200 µg/L. According to STL SOP No. DEN-LC-0010 (Section 10.6.1, pg. 14 of 33), the concentration of the CCVs is to be 100 µg/L. In the data reviewer's opinion, there was no impact to the data review process due to this issue.

5. On one occasion, the laboratory analyzed an ICV (file: ex22f0400) instead of a CCV in the analytical sequence of the solid samples. According to STL SOP No. DEN-LC-0010 (Section 10.6.1, pg. 14 of 33), a CCV is to be analyzed every 10 samples. In the data reviewer's opinion, there was no impact to the data review process due to this issue.

6. The date of laboratory receipt for sample BAR-E-7SD1 was incorrectly recorded as "5/23/02" on the Chain-of-Custody Records. According to the Chain-of-Custody Records for the other samples in SDG D2E240247 and the Laboratory Case Narrative, the correct date of laboratory receipt for all samples in SDG D2E240247 is 5/24/02.

Comments

1. The data package was not paginated.

2. All aqueous samples in project number D2E240247, except samples BAR-K-EQBLK1 and BAR-K-EQBLK2, were initially analyzed undiluted, but the analyses exhibited low internal standard recoveries for the labeled RDX. These samples were subsequently reanalyzed at a five-fold dilution; the dilution analyses have been reported for the target compounds HMX and RDX, which are associated with the labeled RDX internal standard. The method detection limits (MDLs) and practical quantitation limits (PQLs) for HMX and RDX in these samples were raised to reflect the dilutions performed.

3. Sample BAR-W-5SW1 was analyzed at a five-fold dilution for 2-amino-4,6-dinitrotoluene and 2,4,6-trinitrotoluene and at a 10-fold dilution for 4-amino-2,6-dinitrotoluene due to the high concentrations of these compounds in the sample. In addition, sample BAR-W-

6SW1 was analyzed at a five-fold dilution for 4-amino-2,6-dinitrotoluene due to the high concentration of this compound in this sample. The MDLs and PQLs for 2-amino-4,6-dinitrotoluene; 2,4,6-trinitrotoluene; and 4-amino-2,6-dinitrotoluene in sample BAR-W-5SW1 and for 4-amino-2,6-dinitrotoluene in sample BAR-W-6SW1 were raised to reflect the dilutions performed.

4. The surrogate recovery for sample BAR-W-1SW1 was below the QC control limit. The laboratory did not reextract and reanalyze sample BAR-W-1SW1 (STL SOP No. DEN-LC-0010 [Section 9.3, pg. 12 of 33]) because according to the Laboratory Case Narrative, this sample contained a lot of sediment and three SPE cartridges were required for its preparation. Qualification of data due to this issue is addressed in the Organic Data Qualifiers section.

5. The Laboratory Case Narrative states that an interference was present at the retention time and mass ion for HMX in the aqueous samples. According to the Laboratory Case Narrative, the peak shape suggested that this interference was not HMX and, therefore, these peaks were not quantitated or reported as HMX. The data reviewer evaluated the raw data and concurs that the interference is not HMX. It should be noted that the MDLs and PQLs for HMX in all aqueous samples were raised by a factor of five (see Comment No. 2).

6. As noted in the Laboratory Case Narrative, one 8-ounce bottle for sample BAR-E-6SD1-DUP arrived at the laboratory broken; however, sufficient sample volume remained for all analyses.

7. According to the Laboratory Case Narrative and the Chain-of-Custody Records, equipment blank BAR-K-EQBLK3 was not collected. Nitroaromatics and nitroamines results are not available for this sample.

8. The Extraction Bench Worksheets for all aqueous samples were not included in the data package provided. Upon Environmental Standards' request, the laboratory provided these worksheets (included in Section 5).

9. As noted in the Laboratory Case Narrative, the HMX recoveries for the MS/MSD analyses of sample BAR-W-6SW1 were outside of the QC limits. The MS/MSD samples were analyzed at a five-fold dilution and the HMX recoveries were reported from the dilution analyses. The data reviewer evaluated the raw data for the undiluted analyses of the MS/MSD analyses of sample BAR-W-6SW1. The HMX recoveries were within the QC limits in the undiluted analyses; therefore, the HMX data was not qualified due to this issue.

Data Evaluation

With respect to data usability, the principal areas of concern are a high %D in an ICV standard, a low surrogate recovery, low MS/MSD recoveries, and quantitation below the PQL. Based on a rigorous review of the data provided, the following organic data qualifiers are offered. The

following data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the data validation guidelines routinely specify areas of the data that require qualification, yet the methods used for analysis may not require corrective action by the laboratory. Accordingly, the following data usability issues should not be construed as an indication of laboratory performance.

Organic Data Qualifiers

- The MDLs and PQLs for tetryl in all aqueous samples in project number D2E240247 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. A high %D (>30%) in the direction of sensitivity decrease was observed for tetryl in the associated ICV analyses.

- The MDLs and PQLs for all nitroaromatics and nitroamines in sample BAR-W-1SW1 may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. In addition, the positive result for 2,4-dinitrotoluene in sample BAR-W-1SW1 should be considered estimated and has been flagged "J" on the data tables. A low recovery (<35%) was observed for the surrogate compound nitrobenzene-d_5 in the analysis of sample BAR-W-1SW1.

- The MDLs and PQLs for tetryl and 1,3,5-trinitrobenzene in samples BAR-W-6SW1 and BAR-W-6SW1-DUP may be higher than reported, and the "not-detected" results have been flagged "UJ" on the data tables. Low recoveries (<laboratory QC limits) were observed for tetryl and 1,3,5-trinitrobenzene in the associated MS/MSD analyses.

- Two field duplicate pairs (sample BAR-W-6SW1 and its duplicate, sample and BAR-W-6SW1-DUP and sample BAR-E-6SD1 and its duplicate, sample and BAR-E-6SD1-DUP) were included in the data package provided for the nitroaromatics and nitroamines analyses. Good precision was observed between the positive results for nitroaromatics and nitroamines in the field duplicate pairs.

- Based on standard project reporting requirements, the positive results reported with concentrations between the laboratory's associated MDLs and PQLs have been flagged "J" by the laboratory. Environmental Standards concurs that these positive results should be considered quantitative estimates and has also flagged the results "J" on the data tables.

A complete support documentation of this organic QA review is provided in Section 3 of this report.

B. Conclusions

Based on this QA review, several nitroaromatics and nitroamines sample results were qualified due to a high %D in an ICV standard, a low surrogate recovery, low MS/MSD recoveries, and quantitation below the PQL. In order to use any of the data, the data user should understand the qualifications and limitations as specified in this QA review. The Laboratory Case Narrative and Project Chain-of-Custody Records are presented in Section 4 of this report. The Project Correspondence is presented in Section 5 of this report.

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SECTION 2

TARGET ANALYTE SUMMARY

ORGANIC DATA QUALIFIERS

ND	The compound was not detected at or above the associated numerical value.
U	This compound should be considered "not detected" because it was detected in a blank at a similar level.
J	Quantitation is approximate due to limitations identified during the quality assurance review (data validation).
R	Unusable result; compound may or may not be present in this sample.
UJ	This compound was not detected, but the detection limit is probably higher due to a low bias identified during the quality assurance review.

DuPont Barksdale

LOCATION		BARKSDALE WORKS										
JOBNAME		SURFACE WATER/SEDIMENT 5/02										
WORKORDR		E12K7						E12L2				
SAMPLENO		BAR-W-1SW1						BAR-W-4SW1				
DATESMPL		22-MAY-02						22-MAY-02				
TIMESMPL		1433						1359				
SMPLTYPE		SURFACE WATER						SURFACE WATER				
SAMPLE		FS						FS				
UNIT		UG/L						UG/L				
ANALYTE	CASNO	METHODNO	RESULT	MDL	PQL	QUAL_EPA	REVIEW	RESULT	MDL	PQL	QUAL_EPA	REVIEW
1,3,5-TRINITROBENZENE	99354	8321	ND	0.025	0.12		UJ	ND	0.025	0.12		
1,3-DINITROBENZENE	99650	8321	ND	0.023	0.12		UJ	ND	0.023	0.12		
2,4,6-TRINITROTOLUENE	118967	8321	ND	0.021	0.12		UJ	ND	0.021	0.12		
2,4-DINITROTOLUENE	121142	8321	0.027	0.026	0.12	J	J	ND	0.026	0.12		
2,6-DINITROTOLUENE	606202	8321	ND	0.022	0.12		UJ	ND	0.022	0.12		
2-AMINO-4,6-DINITROTOLUENE	35572782	8321	ND	0.036	0.12		UJ	ND	0.036	0.12		
2-NITROTOLUENE	88722	8321	ND	0.026	0.12		UJ	ND	0.026	0.12		
3-NITROTOLUENE	99081	8321	ND	0.027	0.12		UJ	ND	0.027	0.12		
4-AMINO-2,6-DINITROTOLUENE	19406510	8321	ND	0.020	0.12		UJ	ND	0.020	0.12		
4-NITROTOLUENE	99990	8321	ND	0.025	0.12		UJ	ND	0.025	0.12		
HMX	2691410	8321	ND	0.20	0.60		UJ	ND	0.20	0.60		
NITROBENZENE	98953	8321	ND	0.025	0.12		UJ	ND	0.025	0.12		
NITROGLYCERIN	55630	8321	ND	0.030	0.12		UJ	ND	0.030	0.12		
PETN	78115	8321	ND	0.051	0.12		UJ	ND	0.051	0.12		
RDX	121824	8321	ND	0.10	0.60		UJ	ND	0.10	0.60		
TETRYL	479458	8321	ND	0.024	0.12		UJ	ND	0.024	0.12		UJ

		LOCATION										
		JOBNAME										
		WORKORDR	E12LN					E12LX				
		SAMPLENO	BAR-W-2SW1					BAR-W-3SW1				
		DATESMPL	22-MAY-02					22-MAY-02				
		TIMESMPL	1522					1613				
		SMPLTYPE	SURFACE WATER					SURFACE WATER				
		SAMPLE	FS					FS				
		UNIT	UG/L					UG/L				
ANALYTE	CASNO	METHODNO	RESULT	MDL	PQL	QUAL_EPA	REVIEW	RESULT	MDL	PQL	QUAL_EPA	REVIEW
1,3,5-TRINITROBENZENE	99354	8321	ND	0.025	0.12			ND	0.025	0.12		
1,3-DINITROBENZENE	99650	8321	ND	0.023	0.12			ND	0.023	0.12		
2,4,6-TRINITROTOLUENE	118967	8321	ND	0.021	0.12			ND	0.021	0.12		
2,4-DINITROTOLUENE	121142	8321	ND	0.026	0.12			ND	0.026	0.12		
2,6-DINITROTOLUENE	606202	8321	ND	0.022	0.12			ND	0.022	0.12		
2-AMINO-4,6-DINITROTOLUENE	35572782	8321	ND	0.036	0.12			ND	0.036	0.12		
2-NITROTOLUENE	88722	8321	ND	0.026	0.12			ND	0.026	0.12		
3-NITROTOLUENE	99081	8321	ND	0.027	0.12			ND	0.027	0.12		
4-AMINO-2,6-DINITROTOLUENE	19406510	8321	ND	0.020	0.12			ND	0.020	0.12		
4-NITROTOLUENE	99990	8321	ND	0.025	0.12			ND	0.025	0.12		
HMX	2691410	8321	ND	0.20	0.60			ND	0.20	0.60		
NITROBENZENE	98953	8321	ND	0.025	0.12			ND	0.025	0.12		
NITROGLYCERIN	55630	8321	ND	0.030	0.12			ND	0.030	0.12		
PETN	78115	8321	ND	0.051	0.12			ND	0.051	0.12		
RDX	121824	8321	ND	0.10	0.60			ND	0.10	0.60		
TETRYL	479458	8321	ND	0.024	0.12		UJ	ND	0.024	0.12		UJ

		LOCATION										
		JOBNAME										
		WORKORDR	E12M6					E12M9				
		SAMPLENO	BAR-W-7SW1					BAR-W-8SW1				
		DATESMPL	22-MAY-02					22-MAY-02				
		TIMESMPL	1800					1553				
		SMPLTYPE	SURFACE WATER					SURFACE WATER				
		SAMPLE	FS					FS				
		UNIT	UG/L					UG/L				
ANALYTE	CASNO	METHODNO	RESULT	MDL	PQL	QUAL_EPA	REVIEW	RESULT	MDL	PQL	QUAL_EPA	REVIEW
1,3,5-TRINITROBENZENE	99354	8321	ND	0.025	0.12			ND	0.025	0.12		
1,3-DINITROBENZENE	99650	8321	ND	0.023	0.12			ND	0.023	0.12		
2,4,6-TRINITROTOLUENE	118967	8321	ND	0.021	0.12			ND	0.021	0.12		
2,4-DINITROTOLUENE	121142	8321	ND	0.026	0.12			ND	0.026	0.12		
2,6-DINITROTOLUENE	606202	8321	ND	0.022	0.12			ND	0.022	0.12		
2-AMINO-4,6-DINITROTOLUENE	35572782	8321	ND	0.036	0.12			ND	0.036	0.12		
2-NITROTOLUENE	88722	8321	ND	0.026	0.12			ND	0.026	0.12		
3-NITROTOLUENE	99081	8321	ND	0.027	0.12			ND	0.027	0.12		
4-AMINO-2,6-DINITROTOLUENE	19406510	8321	ND	0.020	0.12			ND	0.020	0.12		
4-NITROTOLUENE	99990	8321	ND	0.025	0.12			ND	0.025	0.12		
HMX	2691410	8321	ND	0.20	0.60			ND	0.20	0.60		
NITROBENZENE	98953	8321	ND	0.025	0.12			ND	0.025	0.12		
NITROGLYCERIN	55630	8321	ND	0.030	0.12			ND	0.030	0.12		
PETN	78115	8321	ND	0.051	0.12			ND	0.051	0.12		
RDX	121824	8321	ND	0.10	0.60			ND	0.10	0.60		
TETRYL	479458	8321	ND	0.024	0.12		UJ	ND	0.024	0.12		UJ

		LOCATION											
		JOBNAME											
		WORKORDR	E12MD					E12MQ					
		SAMPLENO	BAR-W-5SW1					BAR-W-6SW1					
		DATESMPL	22-MAY-02					22-MAY-02					
		TIMESMPL	1645					1723					
		SMPLTYPE	SURFACE WATER					SURFACE WATER					
		SAMPLE	FS					FS					
		UNIT	UG/L					UG/L					
ANALYTE	CASNO	METHODNO	RESULT	MDL	PQL	QUAL_EPA	REVIEW	RESULT	MDL	PQL	QUAL_EPA	REVIEW	
1,3,5-TRINITROBENZENE	99354	8321	ND	0.025	0.12			ND	0.025	0.12		UJ	
1,3-DINITROBENZENE	99650	8321	ND	0.023	0.12			ND	0.023	0.12			
2,4,6-TRINITROTOLUENE	118967	8321	5.1	0.10	0.60			ND	0.021	0.12			
2,4-DINITROTOLUENE	121142	8321	0.35	0.026	0.12			0.23	0.026	0.12			
2,6-DINITROTOLUENE	606202	8321	0.36	0.022	0.12			0.20	0.022	0.12			
2-AMINO-4,6-DINITROTOLUENE	35572782	8321	4.9	0.18	0.60			0.80	0.036	0.12			
2-NITROTOLUENE	88722	8321	ND	0.026	0.12			0.091	0.026	0.12	J	J	
3-NITROTOLUENE	99081	8321	ND	0.027	0.12			ND	0.027	0.12			
4-AMINO-2,6-DINITROTOLUENE	19406510	8321	9.4	0.20	1.2			1.5	0.10	0.60			
4-NITROTOLUENE	99990	8321	ND	0.025	0.12			ND	0.025	0.12			
HMX	2691410	8321	ND	0.20	0.60			ND	0.20	0.60			
NITROBENZENE	98953	8321	ND	0.025	0.12			ND	0.025	0.12			
NITROGLYCERIN	55630	8321	ND	0.030	0.12			ND	0.030	0.12			
PETN	78115	8321	ND	0.051	0.12			ND	0.051	0.12			
RDX	121824	8321	ND	0.10	0.60			ND	0.10	0.60			
TETRYL	479458	8321	ND	0.024	0.12		UJ	ND	0.024	0.12		UJ	

DuPont Barksdale

LOCATION												
JOBNAME												
WORKORDR		E12MW						E12N1				
SAMPLENO		BAR-W-6SW1-DUP						BAR-K-EQBLK2				
DATESMPL		22-MAY-02						22-MAY-02				
TIMESMPL		1723						1120				
SMPLTYPE		SURFACE WATER						BLANK WATER				
SAMPLE		FS						FS				
UNIT		UG/L						UG/L				
ANALYTE	CASNO	METHODNO	RESULT	MDL	PQL	QUAL_EPA	REVIEW	RESULT	MDL	PQL	QUAL_EPA	REVIEW
1,3,5-TRINITROBENZENE	99354	8321	ND	0.025	0.12		UJ	ND	0.025	0.12		
1,3-DINITROBENZENE	99650	8321	ND	0.023	0.12			ND	0.023	0.12		
2,4,6-TRINITROTOLUENE	118967	8321	ND	0.021	0.12			ND	0.021	0.12		
2,4-DINITROTOLUENE	121142	8321	0.23	0.026	0.12			ND	0.026	0.12		
2,6-DINITROTOLUENE	606202	8321	0.22	0.022	0.12			ND	0.022	0.12		
2-AMINO-4,6-DINITROTOLUENE	35572782	8321	0.76	0.036	0.12			ND	0.036	0.12		
2-NITROTOLUENE	88722	8321	0.094	0.026	0.12	J	J	ND	0.026	0.12		
3-NITROTOLUENE	99081	8321	ND	0.027	0.12			ND	0.027	0.12		
4-AMINO-2,6-DINITROTOLUENE	19406510	8321	1.4	0.020	0.12			ND	0.020	0.12		
4-NITROTOLUENE	99990	8321	ND	0.025	0.12			ND	0.025	0.12		
HMX	2691410	8321	ND	0.20	0.60			ND	0.040	0.12		
NITROBENZENE	98953	8321	ND	0.025	0.12			ND	0.025	0.12		
NITROGLYCERIN	55630	8321	ND	0.030	0.12			ND	0.030	0.12		
PETN	78115	8321	ND	0.051	0.12			ND	0.051	0.12		
RDX	121824	8321	ND	0.10	0.60			ND	0.020	0.12		
TETRYL	479458	8321	ND	0.024	0.12		UJ	ND	0.024	0.12		UJ

		LOCATION											
		JOBNAME											
		WORKORDR	E12N4					E12NC					
		SAMPLENO	BAR-E-1SD1					BAR-W-9SW1					
		DATESMPL	22-MAY-02					22-MAY-02					
		TIMESMPL	1433					1509					
		SMPLTYPE	SEDIMENT					SURFACE WATER					
		SAMPLE	FS					FS					
		UNIT	UG/KG					UG/L					
ANALYTE	CASNO	METHODNO	RESULT	MDL	PQL	QUAL_EPA	REVIEW	RESULT	MDL	PQL	QUAL_EPA	REVIEW	
1,3,5-TRINITROBENZENE	99354	8321	ND	24	310			ND	0.025	0.12			
1,3-DINITROBENZENE	99650	8321	ND	31	310			ND	0.023	0.12			
2,4,6-TRINITROTOLUENE	118967	8321	ND	20	310			ND	0.021	0.12			
2,4-DINITROTOLUENE	121142	8321	ND	21	310			ND	0.026	0.12			
2,6-DINITROTOLUENE	606202	8321	ND	24	310			ND	0.022	0.12			
2-AMINO-4,6-DINITROTOLUENE	35572782	8321	ND	70	310			ND	0.036	0.12			
2-NITROTOLUENE	88722	8321	ND	39	310			ND	0.026	0.12			
3-NITROTOLUENE	99081	8321	ND	29	310			ND	0.027	0.12			
4-AMINO-2,6-DINITROTOLUENE	19406510	8321	ND	19	310			ND	0.020	0.12			
4-NITROTOLUENE	99990	8321	ND	70	310			ND	0.025	0.12			
HMX	2691410	8321	ND	21	310			ND	0.20	0.60			
NITROBENZENE	98953	8321	ND	57	310			ND	0.025	0.12			
NITROGLYCERIN	55630	8321	ND	440	1300			ND	0.030	0.12			
PETN	78115	8321	ND	360	1300			ND	0.051	0.12			
RDX	121824	8321	ND	19	310			ND	0.10	0.60			
TETRYL	479458	8321	ND	57	310			ND	0.024	0.12		UJ	

DuPont Barksdale

LOCATION													
JOBNAME													
WORKORDR		E12NG						E12NR					
SAMPLENO		BAR-W-10SW1						BAR-K-EQBLK1					
DATESMPL		22-MAY-02						22-MAY-02					
TIMESMPL		1703						1115					
SMPLTYPE		SURFACE WATER						BLANK WATER					
SAMPLE		FS						FS					
UNIT		UG/L						UG/L					
ANALYTE	CASNO	METHODNO	RESULT	MDL	PQL	QUAL_EPA	REVIEW	RESULT	MDL	PQL	QUAL_EPA	REVIEW	
1,3,5-TRINITROBENZENE	99354	8321	ND	0.025	0.12			ND	0.025	0.12			
1,3-DINITROBENZENE	99650	8321	ND	0.023	0.12			ND	0.023	0.12			
2,4,6-TRINITROTOLUENE	118967	8321	ND	0.021	0.12			0.17	0.021	0.12			
2,4-DINITROTOLUENE	121142	8321	ND	0.026	0.12			ND	0.026	0.12			
2,6-DINITROTOLUENE	606202	8321	ND	0.022	0.12			ND	0.022	0.12			
2-AMINO-4,6-DINITROTOLUENE	35572782	8321	ND	0.036	0.12			ND	0.036	0.12			
2-NITROTOLUENE	88722	8321	ND	0.026	0.12			ND	0.026	0.12			
3-NITROTOLUENE	99081	8321	ND	0.027	0.12			ND	0.027	0.12			
4-AMINO-2,6-DINITROTOLUENE	19406510	8321	ND	0.020	0.12			0.022	0.020	0.12	J	J	
4-NITROTOLUENE	99990	8321	ND	0.025	0.12			ND	0.025	0.12			
HMX	2691410	8321	ND	0.20	0.60			ND	0.040	0.12			
NITROBENZENE	98953	8321	ND	0.025	0.12			ND	0.025	0.12			
NITROGLYCERIN	55630	8321	ND	0.030	0.12			ND	0.030	0.12			
PETN	78115	8321	ND	0.051	0.12			ND	0.051	0.12			
RDX	121824	8321	ND	0.10	0.60			ND	0.020	0.12			
TETRYL	479458	8321	ND	0.024	0.12		UJ	ND	0.024	0.12		UJ	

DuPont Barksdale

LOCATION												
JOBNAME												
WORKORDR		E12P1						E12P4				
SAMPLENO		BAR-E-6SD1-DUP						BAR-E-7SD1				
DATESMPL		22-MAY-02						22-MAY-02				
TIMESMPL		1723						1800				
SMPLTYPE		SEDIMENT						SEDIMENT				
SAMPLE		FS						FS				
UNIT		UG/KG						UG/KG				
ANALYTE	CASNO	METHODNO	RESULT	MDL	PQL	QUAL_EPA	REVIEW	RESULT	MDL	PQL	QUAL_EPA	REVIEW
1,3,5-TRINITROBENZENE	99354	8321	ND	12	150			ND	11	140		
1,3-DINITROBENZENE	99650	8321	ND	15	150			ND	14	140		
2,4,6-TRINITROTOLUENE	118967	8321	ND	9.9	150			ND	9.2	140		
2,4-DINITROTOLUENE	121142	8321	ND	10	150			ND	9.5	140		
2,6-DINITROTOLUENE	606202	8321	ND	12	150			ND	11	140		
2-AMINO-4,6-DINITROTOLUENE	35572782	8321	ND	34	150			ND	32	140		
2-NITROTOLUENE	88722	8321	ND	19	150			ND	18	140		
3-NITROTOLUENE	99081	8321	ND	14	150			ND	13	140		
4-AMINO-2,6-DINITROTOLUENE	19406510	8321	ND	9.4	150			ND	8.8	140		
4-NITROTOLUENE	99990	8321	ND	34	150			ND	32	140		
HMX	2691410	8321	ND	10	150			ND	9.6	140		
NITROBENZENE	98953	8321	ND	28	150			ND	26	140		
NITROGLYCERIN	55630	8321	ND	220	640			ND	200	590		
PETN	78115	8321	ND	180	640			ND	170	590		
RDX	121824	8321	ND	9.6	150			ND	8.9	140		
TETRYL	479458	8321	ND	28	150			ND	26	140		

LOCATION												
JOBNAME												
WORKORDR		E12P7						E12PD				
SAMPLENO		BAR-E-8SD1						BAR-E-2SD1				
DATESMPL		22-MAY-02						22-MAY-02				
TIMESMPL		1553						1522				
SMPLTYPE		SEDIMENT						SEDIMENT				
SAMPLE		FS						FS				
UNIT		UG/KG						UG/KG				
ANALYTE	CASNO	METHODNO	RESULT	MDL	PQL	QUAL_EPA	REVIEW	RESULT	MDL	PQL	QUAL_EPA	REVIEW
1,3,5-TRINITROBENZENE	99354	8321	ND	26	330			ND	13	170		
1,3-DINITROBENZENE	99650	8321	ND	33	330			ND	17	170		
2,4,6-TRINITROTOLUENE	118967	8321	ND	21	330			ND	11	170		
2,4-DINITROTOLUENE	121142	8321	ND	22	330			ND	11	170		
2,6-DINITROTOLUENE	606202	8321	ND	25	330			ND	13	170		
2-AMINO-4,6-DINITROTOLUENE	35572782	8321	ND	74	330			ND	38	170		
2-NITROTOLUENE	88722	8321	ND	41	330			ND	21	170		
3-NITROTOLUENE	99081	8321	ND	30	330			ND	16	170		
4-AMINO-2,6-DINITROTOLUENE	19406510	8321	ND	20	330			ND	10	170		
4-NITROTOLUENE	99990	8321	ND	74	330			ND	38	170		
HMX	2691410	8321	ND	22	330			ND	11	170		
NITROBENZENE	98953	8321	ND	60	330			ND	31	170		
NITROGLYCERIN	55630	8321	ND	460	1400			ND	240	710		
PETN	78115	8321	ND	380	1400			ND	200	710		
RDX	121824	8321	ND	20	330			ND	11	170		
TETRYL	479458	8321	ND	60	330			ND	31	170		

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LOCATION													
JOBNAME													
WORKORDR		E12PJ						E12PM					
SAMPLENO		BAR-E-3SD1						BAR-E-4SD1					
DATESMPL		22-MAY-02						22-MAY-02					
TIMESMPL		1613						1359					
SMPLTYPE		SEDIMENT						SEDIMENT					
SAMPLE		FS						FS					
UNIT		UG/KG						UG/KG					
ANALYTE	CASNO	METHODNO	RESULT	MDL	PQL	QUAL_EPA	REVIEW	RESULT	MDL	PQL	QUAL_EPA	REVIEW	
1,3,5-TRINITROBENZENE	99354	8321	ND	22	280			ND	18	230			
1,3-DINITROBENZENE	99650	8321	ND	28	280			ND	23	230			
2,4,6-TRINITROTOLUENE	118967	8321	ND	18	280			ND	15	230			
2,4-DINITROTOLUENE	121142	8321	ND	19	280			ND	16	230			
2,6-DINITROTOLUENE	606202	8321	ND	22	280			ND	18	230			
2-AMINO-4,6-DINITROTOLUENE	35572782	8321	ND	63	280			ND	52	230			
2-NITROTOLUENE	88722	8321	ND	35	280			ND	29	230			
3-NITROTOLUENE	99081	8321	ND	26	280			ND	21	230			
4-AMINO-2,6-DINITROTOLUENE	19406510	8321	ND	17	280			ND	14	230			
4-NITROTOLUENE	99990	8321	ND	63	280			ND	52	230			
HMX	2691410	8321	ND	19	280			ND	16	230			
NITROBENZENE	98953	8321	ND	52	280			ND	43	230			
NITROGLYCERIN	55630	8321	ND	400	1200			ND	330	970			
PETN	78115	8321	ND	330	1200			ND	270	970			
RDX	121824	8321	ND	18	280			ND	15	230			
TETRYL	479458	8321	ND	52	280			ND	43	230			

		LOCATION										
		JOBNAME										
		WORKORDR	E12PR					E12PW				
		SAMPLENO	BAR-E-5SD1					BAR-E-6SD1				
		DATESMPL	22-MAY-02					22-MAY-02				
		TIMESMPL	1645					1723				
		SMPLTYPE	SEDIMENT					SEDIMENT				
		SAMPLE	FS					FS				
		UNIT	UG/KG					UG/KG				
ANALYTE	CASNO	METHODNO	RESULT	MDL	PQL	QUAL_EPA	REVIEW	RESULT	MDL	PQL	QUAL_EPA	REVIEW
1,3,5-TRINITROBENZENE	99354	8321	ND	12	150			ND	12	160		
1,3-DINITROBENZENE	99650	8321	ND	15	150			ND	16	160		
2,4,6-TRINITROTOLUENE	118967	8321	ND	9.9	150			ND	10	160		
2,4-DINITROTOLUENE	121142	8321	ND	10	150			ND	10	160		
2,6-DINITROTOLUENE	606202	8321	ND	12	150			ND	12	160		
2-AMINO-4,6-DINITROTOLUENE	35572782	8321	ND	34	150			ND	35	160		
2-NITROTOLUENE	88722	8321	ND	19	150			ND	20	160		
3-NITROTOLUENE	99081	8321	ND	14	150			ND	14	160		
4-AMINO-2,6-DINITROTOLUENE	19406510	8321	ND	9.4	150			ND	9.7	160		
4-NITROTOLUENE	99990	8321	ND	34	150			ND	35	160		
HMX	2691410	8321	ND	10	150			ND	11	160		
NITROBENZENE	98953	8321	ND	28	150			ND	29	160		
NITROGLYCERIN	55630	8321	ND	220	630			ND	220	650		
PETN	78115	8321	ND	180	630			ND	180	650		
RDX	121824	8321	ND	9.5	150			ND	9.8	160		
TETRYL	479458	8321	ND	28	150			ND	29	160		

DuPont Barksdale

LOCATION												
JOBNAME												
WORKORDR		E12QA						E12QE				
SAMPLENO		BAR-E-9SD1						BAR-E-10SD1				
DATESMPL		22-MAY-02						22-MAY-02				
TIMESMPL		1509						1703				
SMPLTYPE		SEDIMENT						SEDIMENT				
SAMPLE		FS						FS				
UNIT		UG/KG						UG/KG				
ANALYTE	CASNO	METHODNO	RESULT	MDL	PQL	QUAL_EPA	REVIEW	RESULT	MDL	PQL	QUAL_EPA	REVIEW
1,3,5-TRINITROBENZENE	99354	8321	ND	13	170			ND	19	240		
1,3-DINITROBENZENE	99650	8321	ND	17	170			ND	24	240		
2,4,6-TRINITROTOLUENE	118967	8321	ND	11	170			ND	15	240		
2,4-DINITROTOLUENE	121142	8321	ND	11	170			560	16	240		
2,6-DINITROTOLUENE	606202	8321	ND	13	170			62	18	240	J	J
2-AMINO-4,6-DINITROTOLUENE	35572782	8321	ND	38	170			ND	53	240		
2-NITROTOLUENE	88722	8321	ND	21	170			ND	30	240		
3-NITROTOLUENE	99081	8321	ND	16	170			ND	22	240		
4-AMINO-2,6-DINITROTOLUENE	19406510	8321	ND	10	170			ND	15	240		
4-NITROTOLUENE	99990	8321	ND	38	170			ND	53	240		
HMX	2691410	8321	ND	11	170			ND	16	240		
NITROBENZENE	98953	8321	ND	31	170			ND	43	240		
NITROGLYCERIN	55630	8321	ND	240	710			ND	340	990		
PETN	78115	8321	ND	200	710			ND	280	990		
RDX	121824	8321	ND	11	170			ND	15	240		
TETRYL	479458	8321	ND	31	170			ND	43	240		