

**Soilworks, Inc.**

**7534 Hwy. 42 East  
Selma, NC 27576  
(919) 366-1500**

Date: \_\_\_\_\_ Truck No. \_\_\_\_\_

Transporter: \_\_\_\_\_

Client: \_\_\_\_\_

Job: \_\_\_\_\_

Weighed By: \_\_\_\_\_

Debris: ? Yes ? No NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2009  
33380

Driver: ? On ? Off BOBBY G. PAGAN  
33380

\_\_\_\_\_  
INVALID UNLESS SIGNED

**Soilworks, Inc.**

**7534 Hwy. 42 East  
Selma, NC 27576  
(919) 366-1500**

Date: \_\_\_\_\_ Truck No. \_\_\_\_\_

Transporter: \_\_\_\_\_

Client: \_\_\_\_\_

Job: \_\_\_\_\_

Weighed By: \_\_\_\_\_

Debris: ? Yes ? No NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2009  
33380

Driver: ? On ? Off BOBBY G. PAGAN  
33380

\_\_\_\_\_  
INVALID UNLESS SIGNED

**Soilworks, Inc.**

**7534 Hwy. 42 East  
Selma, NC 27576  
(919) 366-1500**

Date: \_\_\_\_\_ Truck No. \_\_\_\_\_

Transporter: \_\_\_\_\_

Client: \_\_\_\_\_

Job: \_\_\_\_\_

Weighed By: \_\_\_\_\_

Debris: ? Yes ? No NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2009  
33380

Driver: ? On ? Off BOBBY G. PAGAN  
33380

\_\_\_\_\_  
INVALID UNLESS SIGNED

**Soilworks, Inc.**

**7534 Hwy. 42 East  
Selma, NC 27576  
(919) 366-1500**

Date: \_\_\_\_\_ Truck No. \_\_\_\_\_

Transporter: \_\_\_\_\_

Client: \_\_\_\_\_

Job: \_\_\_\_\_

Weighed By: \_\_\_\_\_

Debris: ? Yes ? No NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2009  
33380

Driver: ? On ? Off BOBBY G. PAGAN  
33380

\_\_\_\_\_  
INVALID UNLESS SIGNED

**SOILWORKS**

12961 NC86  
Zebulon, NC 27597  
Telephone: (919) 366-1500

**NON-HAZARDOUS  
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS  
WASTE MANIFEST**



TPH/PPM \_\_\_\_\_

- Gasoline
- Kerosene
- Diesel
- Jet Fuel
- Light Oil

APPROVAL # \_\_\_\_\_

MANIFEST # 1

BROKER/CONTRACTOR: Soil Solutions, Inc.  
1703 Vargrave Street  
Winston Salem, NC 27107

TELEPHONE: (336) 725-5844

GENERATOR: Kite Realty Peakway at 55, LLC  
900 S. Hughes Street  
Apex, NC

SSI-Tony Disher (336) 725-5844

TRANSPORTER: Morgan Trucking  
P.O. Box 509  
Wendell, NC 27591

TELEPHONE: (919) 366-2515

TRUCK TAG # & STATE: N/A

GROSS WEIGHT 61260

TARE WEIGHT 27440

TRUCK #: DI

NET WGT. 33820

DRIVER'S SIGNATURE: \_\_\_\_\_ N/A

EQUIV. TONS 116.91

DATE & TIME DISPATCHED: 08/07/08

BY: Laura Buchanan

DATE & TIME WEIGHED: 08/07/08

BY: N/A

WEIGH MASTER SIG.: see attached scale ticket

INSPECTED & ACCEPTED BY: (SOILWORKS) \_\_\_\_\_

Laura Buchanan

DATE & TIME RECEIVED: 08/07/08

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

**NOTICE TO TRUCKER:**  
TRUCKS WILL NOT BE PERMITTED TO ENTER THE  
FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing  
Yellow - Generator  
Pink - Filing  
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.



**Sollworks, Inc.**  
**7534 Hwy. 42 East**  
**Selma, NC 27576**  
**(919) 366-1500**

Date: 8-7-08 Truck No. D1

Transporter: DEVLANN

Client: SOIL SOLUTIONS  
HITE REALTY FERRYWAY ATSS LLC  
Job: 9255 HUGHES ST.

61260 lb GR  
09:24 08/07/08

Weighed By: Bobby Pagan

Debris: ? Yes ? No  
Driver: ? On ? Off  
NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2009  
BOBBY G PAGAN 33380  
Bobby Pagan  
INVALID UNLESS SIGNED

**SOILWORKS**

12881 NC96  
Zebulon, NC 27597  
Telephone: (919) 366-1500

**NON-HAZARDOUS  
WASTE MANIFEST**



**NON-HAZARDOUS  
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

TPH/PPM \_\_\_\_\_

- Gasoline
- Kerosene
- Diesel
- Jet Fuel
- Light Oil

APPROVAL # \_\_\_\_\_

MANIFEST # 2

BROKER/CONTRACTOR: Soil Solutions, Inc.  
1703 Vargrave Street  
Winston Salem, NC 27107

TELEPHONE: (336) 725-5844

GENERATOR: Kite Realty Peakway at 55, LLC  
900 S. Hughes Street  
Apex, NC

SSI-Tony Disher (336) 725-5844

TRANSPORTER: Morgan Trucking  
P.O. Box 509  
Wendell, NC 27591

TELEPHONE: (919) 366-2515

TRUCK TAG # & STATE: N/A

GROSS WEIGHT 55340

TARE WEIGHT 27740

TRUCK #: ABC1

NET WGT. 27800

DRIVER'S SIGNATURE: \_\_\_\_\_

EQUIV. TONS 13.90

DATE & TIME DISPATCHED: 08/07/08

BY: Laura Buchanan

DATE & TIME WEIGHED: 08/07/08

BY: N/A

WEIGH MASTER SIG: see attached scale ticket

INSPECTED & ACCEPTED BY: (SOILWORKS) \_\_\_\_\_

Laura Buchanan

DATE & TIME RECEIVED: 08/07/08

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain		<input type="checkbox"/> Snow
<input type="checkbox"/> Drizzle		

**NOTICE TO TRUCKER:**  
TRUCKS WILL NOT BE PERMITTED TO ENTER THE  
FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing  
Yellow - Generator  
Pink - Filing  
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

**Soilworks, Inc.**  
**7534 Hwy. 42 East**  
**Selma, NC 27576**  
**(919) 366-1500**



Date: 8-17-08 Truck No. ABC 1  
Transporter: ABC CONTRACTING  
Client: SOIL SOLUTIONS  
Job: 9005 HUGHES ST.  
Weighed By: Bobby Pagan

55540 16 GR  
09:33 08/07/08

Debris: ? Yes ? No  
Driver: ? On ? Off

NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2009  
BOBBY G. PAGAN 33380  
Bobby Pagan  
INVALID UNLESS SIGNED

**SOILWORKS**  
12861 NC96  
Zebulon, NC 27597  
Telephone: (919) 366-1500

**NON-HAZARDOUS  
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS  
WASTE MANIFEST**



TPH/PPM \_\_\_\_\_

- Gasoline
- Kerosene
- Diesel
- Jet Fuel
- Light Oil

APPROVAL # \_\_\_\_\_

MANIFEST # 3

BROKER/CONTRACTOR: Soil Solutions, Inc.  
1703 Vargrave Street  
Winston Salem, NC 27107

TELEPHONE: (336) 725-5844

GENERATOR: Kite Realty Peakway at 55, LLC  
900 S. Hughes Street  
Apex, NC

SSI-Tony Disher (336) 725-5844

TRANSPORTER: Morgan Trucking  
P.O. Box 509  
Wendell, NC 27591

TELEPHONE: (919) 366-2515

TRUCK TAG # & STATE: N/A

GROSS WEIGHT 57320

TARE WEIGHT 25340

TRUCK #: RWTS

NET WGT. 31980

DRIVER'S SIGNATURE: \_\_\_\_\_  
N/A

EQUIV. TONS 15.99

DATE & TIME DISPATCHED: 08/07/08

BY: Laura Buchanan

DATE & TIME WEIGHED: 08/07/08

BY: N/A

WEIGH MASTER SIG: see attached scale ticket

INSPECTED & ACCEPTED BY: (SOILWORKS) \_\_\_\_\_

Laura Buchanan

DATE & TIME RECEIVED: 08/07/08

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

**NOTICE TO TRUCKER:**  
TRUCKS WILL NOT BE PERMITTED TO ENTER THE  
FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing  
Yellow - Generator  
Pink - Filing  
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

**Soilworks, Inc.**  
**7534 Hwy. 42 East**  
**Selma, NC 27576**  
**(919) 366-1500**



Date: 8-2-08 Truck No. RW75

Transporter: ROBERT WILSON

Client: SOIL SOLUTIONS C

Job: 9005 Hughes ST

Weighed By: Bobby Pagan

Debris: ? Yes ? No

Driver: ? On ?

NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2009  
BOBBY G. PAGAN 33380  
Bobby Pagan  
INVALID UNLESS SIGNED

57320 1b 6R  
09136 08/07/08

**SOILWORKS**

12801 NC96  
Zebulon, NC 27597  
Telephone: (919) 366-1500

**NON-HAZARDOUS  
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS  
WASTE MANIFEST**



TPH/PPM \_\_\_\_\_

- Gasoline
- Kerosene
- Diesel
- Jet Fuel
- Light Oil

APPROVAL # \_\_\_\_\_

MANIFEST # 4

BROKER/CONTRACTOR: Soil Solutions, Inc.  
1703 Vargrave Street  
Winston Salem, NC 27107

TELEPHONE: (336) 725-5844

GENERATOR: Kite Realty Peakway at 55, LLC  
900 S. Hughes Street  
Apex, NC

SSI-Tony Disher (336) 725-5844

TRANSPORTER: Morgan Trucking  
P.O. Box 509  
Wendell, NC 27591

TELEPHONE: (919) 366-2515

TRUCK TAG # & STATE: N/A

GROSS WEIGHT 58780

TARE WEIGHT 26340

TRUCK #: LT11

NET WGT. 32440

DRIVER'S SIGNATURE: N/A

EQUIV. TONS 16.22

DATE & TIME DISPATCHED: 08/07/08

BY: Laura Buchanan

DATE & TIME WEIGHED: 08/07/08

BY: N/A

WEIGH MASTER SIG.: see attached scale ticket

INSPECTED & ACCEPTED BY: (SOILWORKS) \_\_\_\_\_

Laura Buchanan

DATE & TIME RECEIVED: 08/07/08

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

**NOTICE TO TRUCKER:**  
TRUCKS WILL NOT BE PERMITTED TO ENTER THE FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing  
Yellow - Generator  
Pink - Filing  
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

**Soilworks, Inc.**  
**7534 Hwy. 42 East**  
**Selma, NC 27576**  
**(919) 366-1500**



Date: 8-7-08 Truck No. LT 11

Transporter: LOWE'S

GROSS

58780 BP

Client: SOIL SOLUTIONS

Job: 9005 HUGHES ST

Weighed By: Bobby Pagan

Debris: ? Yes ? No

Driver: ? On ? Off

NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2009  
BOBBY G. PAGAN 33380  
Bobby Pagan  
INVALID UNLESS SIGNED

### SOILWORKS

12881 NC96  
Zebulon, NC 27587  
Telephone: (919) 366-1500

**NON-HAZARDOUS  
PETROLEUM CONTAMINATED SOIL**

*Please Check Appropriate Block*

### NON-HAZARDOUS WASTE MANIFEST



TPH/PPM \_\_\_\_\_

- Gasoline       Kerosene
- Diesel           Jet Fuel       Light Oil

APPROVAL # \_\_\_\_\_

MANIFEST # 5

BROKER/CONTRACTOR: Soil Solutions, Inc.  
1703 Vargrave Street  
Winston Salem, NC 27107

TELEPHONE: (336) 725-5844

GENERATOR: Kite Realty Peakway at 55, LLC  
900 S. Hughes Street  
Apex, NC

SSI-Tony Disher (336) 725-5844

TRANSPORTER: Morgan Trucking  
P.O. Box 509  
Wendell, NC 27591

TELEPHONE: (919) 366-2515

TRUCK TAG # & STATE: N/A

GROSS WEIGHT 53060

TARE WEIGHT 27120

TRUCK #: LTI

NET WGT. 31540

DRIVER'S SIGNATURE: N/A

EQUIV. TONS 15.77

DATE & TIME DISPATCHED: 08/07/08

BY: Laura Buchanan

DATE & TIME WEIGHED: 08/07/08

BY: N/A

WEIGH MASTER SIG.: see attached scale ticket

INSPECTED & ACCEPTED BY: (SOILWORKS) \_\_\_\_\_

*Laura Buchanan*

DATE & TIME RECEIVED: 08/07/08

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

**NOTICE TO TRUCKER:  
TRUCKS WILL NOT BE PERMITTED TO ENTER THE  
FACILITY WITHOUT THIS ENTRANCE FORM:**

White - Billing  
Yellow - Generator  
Pink - Filing  
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

**Soilworks, Inc.**  
**7534 Hwy. 42 East**  
**Selma, NC 27576**  
**(919) 366-1500**

⑤

Date: 8-7-08 Truck No. LT 1

Transporter: LeRoy

Client: SOIL SOLUTIONS

Job: 900 S Hughes ST.

Weighed By: Bobby Pagan

Debris: ? Yes ? No

NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2009  
BOBBY G. PAGAN  
33380  
INVALID UNLESS SIGNED

Driver: ? On ? Off

58660 lb GR  
09:41 08/07/08

**SOILWORKS**  
12861 NC96  
Zebulon, NC 27597  
Telephone: (919) 366-1500

**NON-HAZARDOUS  
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS  
WASTE MANIFEST**



TPH/PPM \_\_\_\_\_

- Gasoline
- Kerosene
- Diesel
- Jet Fuel
- Light Oil

APPROVAL # \_\_\_\_\_

MANIFEST # 6

BROKER/CONTRACTOR: Soil Solutions, Inc.  
1703 Vargrave Street  
Winston Salem, NC 27107

TELEPHONE: (336) 725-5844

GENERATOR: Kite Realty Peakway at 55, LLC  
900 S. Hughes Street  
Apex, NC

SSI-Tony Disher (336) 725-5844

TRANSPORTER: Morgan Trucking  
P.O. Box 509  
Wendell, NC 27591

TELEPHONE: (919) 366-2515

TRUCK TAG # & STATE: N/A

GROSS WEIGHT: 56780

TRUCK #: FTCU

TARE WEIGHT: 28020

DRIVER'S SIGNATURE: \_\_\_\_\_  
N/A

NET WGT. 28760

DATE & TIME DISPATCHED: 08/07/08

EQUIV. TONS 14.38

DATE & TIME WEIGHED: 08/07/08

BY: Laura Buchanan

WEIGH MASTER SIG.: see attached scale ticket

BY: N/A

INSPECTED & ACCEPTED BY: (SOILWORKS) \_\_\_\_\_

Laura Buchanan

DATE & TIME RECEIVED: 08/07/08

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear	<input type="checkbox"/> Overcast	
<input type="checkbox"/> Rain	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

**NOTICE TO TRUCKER:**  
TRUCKS WILL NOT BE PERMITTED TO ENTER THE  
FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing  
Yellow - Generator  
Pink - Filing  
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

**Soilworks, Inc.**  
**7534 Hwy. 42 East**  
**Selma, NC 27576**  
**(919) 366-1500**

(19)

Date: 8-7-08 Truck No. FTC.1

Transporter: Fowler

Client: Soil Solutions  
900

Job: State Hughes St

Weighed By: Bobby Pagan

Debris: ? Yes ? No  NORTH CAROLINA

Driver: ? On ?  PUBLIC WEIGHMASTER

CICENSE EXPIRES JUNE 30, 2009  
33380

BOBBY G PAGAN

Bobby Pagan  
INVALID UNLESS SIGNED

56780 lb GR  
11:32 08/07/08

**SOILWORKS**  
12881 NC96  
Zebulon, NC 27597  
Telephone: (919) 366-1500

**NON-HAZARDOUS  
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS  
WASTE MANIFEST**



TPH/PPM \_\_\_\_\_

- Gasoline
- Kerosene
- Diesel
- Jet Fuel
- Light Oil

APPROVAL # \_\_\_\_\_

MANIFEST # 7

BROKER/CONTRACTOR: Soil Solutions, Inc.  
1703 Vargrave Street  
Winston Salem, NC 27107

TELEPHONE: (336) 725-5844

GENERATOR: Kite Realty Peakway at 55, LLC  
900 S. Hughes Street  
Apex, NC

SSI-Tony Disher (336) 725-5844

TRANSPORTER: Morgan Trucking  
P.O. Box 509  
Wendell, NC 27591

TELEPHONE: (919) 366-2515

TRUCK TAG # & STATE: N/A

GROSS WEIGHT 58020

TARE WEIGHT 27440

TRUCK #: D1

NET WGT. 31180

DRIVER'S SIGNATURE: \_\_\_\_\_

EQUIV. TONS 15.59

DATE & TIME DISPATCHED: 08/07/08

BY: Laura Buchanan

DATE & TIME WEIGHED: 08/07/08

BY: N/A

WEIGH MASTER SIG.: see attached scale ticket

INSPECTED & ACCEPTED BY: (SOILWORKS) \_\_\_\_\_

Laura Buchanan

DATE & TIME RECEIVED: 08/07/08

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

**NOTICE TO TRUCKER:**  
TRUCKS WILL NOT BE PERMITTED TO ENTER THE  
FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing  
Yellow - Generator  
Pink - Filing  
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

**Soilworks, Inc.**  
**7534 Hwy. 42 East**  
**Selma, NC 27576**  
**(919) 366-1500**



Date: 8-7-08 Truck No. D1

Transporter: DEVLAND

Client: SOIL SOLUTIONS

Job: 900 S. Hughes ST.

Weighed By: Bobby Pagan

Debris: ? Yes ? No

Driver: ? On ? Off

58620 1b GR  
11:34 08/07/08

NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2009  
BOBBY G. PAGAN 33380  
Bobby Pagan  
INVALID UNLESS SIGNED

**SOILWORKS**

12801 NC96  
Zebulon, NC 27597  
Telephone: (919) 366-1500

**NON-HAZARDOUS  
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS  
WASTE MANIFEST**



TPH/PPM \_\_\_\_\_

- Gasoline
- Kerosene
- Diesel
- Jet Fuel
- Light Oil

APPROVAL # \_\_\_\_\_

MANIFEST # 8

BROKER/CONTRACTOR: Soil Solutions, Inc.  
1703 Vargrave Street  
Winston Salem, NC 27107

TELEPHONE: (336) 725-5844

GENERATOR: Kite Realty Peakway at 55, LLC  
900 S. Hughes Street  
Apex, NC

SSI-Tony Disher (336) 725-5844

TRANSPORTER: Morgan Trucking  
P.O. Box 509  
Wendell, NC 27591

TELEPHONE: (919) 366-2515

TRUCK TAG # & STATE: N/A

GROSS WEIGHT 58420

TARE WEIGHT 27740

TRUCK #: ABC1

NET WGT. 30680

DRIVER'S SIGNATURE: N/A

EQUIV. TONS 15.34

DATE & TIME DISPATCHED: 08/07/08

BY: Laura Buchanan

DATE & TIME WEIGHED: 08/07/08

BY: N/A

WEIGH MASTER SIG.: see attached scale ticket

INSPECTED & ACCEPTED BY: (SOILWORKS) \_\_\_\_\_

Laura Buchanan

DATE & TIME RECEIVED: 08/07/08

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

**NOTICE TO TRUCKER:**  
TRUCKS WILL NOT BE PERMITTED TO ENTER THE FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing  
Yellow - Generator  
Pink - Filing  
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

**Soilworks, Inc.**  
**7534 Hwy. 42 East**  
**Selma, NC 27576**  
**(919) 366-1500**

(8)

Date: ~~8-7-08~~ Truck No. ABC1

Transporter: ABC.

Client: SOIL SOLUTIONS

Job: POES HUGHES ST.

Weighed By: Bobby Pagan

Debris: ? Yes ? No

Driver: ? On ? Off

NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2009  
BOBBY G. PAGAN 33380  
Bobby Pagan  
INVALID UNLESS SIGNED

58420 1b 6R  
12:10 08/07/08

**SOILWORKS**  
12831 NC96  
Zebulon, NC 27597  
Telephone: (919) 366-1500

**NON-HAZARDOUS  
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS  
WASTE MANIFEST**



TPH/PPM \_\_\_\_\_

- Gasoline
- Kerosene
- Diesel
- Jet Fuel
- Light Oil

APPROVAL # \_\_\_\_\_

MANIFEST # 9

BROKER/CONTRACTOR: Soil Solutions, Inc.  
1703 Vargrave Street  
Winston Salem, NC 27107

TELEPHONE: (336) 725-5844

GENERATOR: Kite Realty Peakway at 55, LLC  
900 S. Hughes Street  
Apex, NC

SSI-Tony Disher (336) 725-5844

TRANSPORTER: Morgan Trucking  
P.O. Box 509  
Wendell, NC 27591

TELEPHONE: (919) 366-2515

TRUCK TAG # & STATE: N/A

GROSS WEIGHT 65760

TARE WEIGHT 27120

TRUCK #: LT1

NET WGT. 38040

DRIVER'S SIGNATURE: N/A

EQUIV. TONS 19.02

DATE & TIME DISPATCHED: 08/07/08

BY: Laura Buchanan

DATE & TIME WEIGHED: 08/07/08

BY: N/A

WEIGH MASTER SIG.: see attached scale ticket

INSPECTED & ACCEPTED BY: (SOILWORKS) \_\_\_\_\_

Laura Buchanan

DATE & TIME RECEIVED: 08/07/08

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

**NOTICE TO TRUCKER:**  
TRUCKS WILL NOT BE PERMITTED TO ENTER THE  
FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing  
Yellow - Generator  
Pink - Filling  
Gold - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

**Soilworks, Inc.**  
**7534 Hwy. 42 East**  
**Selma, NC 27576**  
**(919) 366-1500**



Date: 8-7-08 Truck No. LT1

Transporter: Leroy

Client: Soil SOLUTIONS

Job: 900s Hughes ST.

Weighed By: Bobby Pagan

Debris: ? Yes ? No

Driver: ? On ? Off

NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2009  
BOBBY G. PAGAN 33380  
Bobby Pagan  
INVALID UNLESS SIGNED

65160 16 GR  
12:12 08/07/08

**SOILWORKS**

12881 NC96  
Zebulon, NC 27597  
Telephone: (919) 368-1500

**NON-HAZARDOUS  
PETROLEUM CONTAMINATED SOIL**

Please Check Appropriate Block

**NON-HAZARDOUS  
WASTE MANIFEST**



TPH/PPM \_\_\_\_\_

- Gasoline
- Kerosene
- Diesel
- Jet Fuel
- Light Oil

APPROVAL # \_\_\_\_\_

MANIFEST # 10

BROKER/CONTRACTOR: Soil Solutions, Inc.  
1703 Vargrave Street  
Winston Salem, NC 27107

TELEPHONE: (336) 725-5844

GENERATOR: Kite Realty Peakway at 55, LLC  
900 S. Hughes Street  
Apex, NC

SSI-Tony Disher (336) 725-5844

TRANSPORTER: Morgan Trucking  
P.O. Box 509  
Wendell, NC 27591

TELEPHONE: (919) 366-2515

TRUCK TAG # & STATE: N/A

GROSS WEIGHT 62360

TARE WEIGHT 25340

TRUCK #: RWT5

NET WGT. 37020

DRIVER'S SIGNATURE: N/A

EQUIV. TONS 18.51

DATE & TIME DISPATCHED: 08/07/08

BY: Laura Buchanan

DATE & TIME WEIGHED: 08/07/08

BY: N/A

WEIGH MASTER SIG: see attached scale ticket

INSPECTED & ACCEPTED BY: (SOILWORKS) \_\_\_\_\_

Laura Buchanan

DATE & TIME RECEIVED: 08/07/08

<input type="checkbox"/> A.M.	WEATHER	<input type="checkbox"/> P.M.
<input type="checkbox"/> Clear		<input type="checkbox"/> Overcast
<input type="checkbox"/> Rain	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Snow

**NOTICE TO TRUCKER:**  
TRUCKS WILL NOT BE PERMITTED TO ENTER THE  
FACILITY WITHOUT THIS ENTRANCE FORM:

White - Billing  
Yellow - Generator  
Pink - Filing  
Opis - Trucker

White, Yellow and Pink copies of this form must be left at Soilworks.

**Soilworks, Inc.**  
**7534 Hwy. 42 East**  
**Selma, NC 27576**  
**(919) 366-1500**



Date: 4-2-08 Truck No. RWTS

Transporter: WILSON

Client: Soil Solutions

Job: 900  
3 Hughes St.

Weighed By: Bobby Pagan

Debris: ? Yes ? No

Driver: ? On ? Off

NORTH CAROLINA  
PUBLIC WEIGHMASTER  
LICENSE EXPIRES JUNE 30, 2009  
BOBBY G. PAGAN 33380  
Bobby Pagan  
INVALID UNLESS SIGNED

62360 1b BR  
12:35 08/07/08

**EXHIBIT F**

**Laboratory Data and Chain of Custody Records**



ENVIRONMENTAL  
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Mt. Juliet, TN 37122  
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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeeland Way

Raleigh, NC 27613

Report Summary

Monday August 18, 2008

Report Number: L359036

Samples Received: 08/08/08

Client Project: 1252

Description: Broadstone Station

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

*Terri Fudge*  
Terri Fudge, EST Representative

**Laboratory Certification Numbers**

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487  
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140  
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233  
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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5 Samples Reported: 08/18/08 16:50 Printed: 08/18/08 16:51

Page 1 of 41



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**REPORT OF ANALYSIS**

August 18, 2008

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeeland Way  
Raleigh, NC 27613

Date Received : August 08, 2008  
Description : Broadstone Station

Sample ID : 832 HUGHES SIDE 1

Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359036-01

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	79.8		%	2540G	08/14/08	1
Volatile Petroleum Hydrocarbons	BDL	5.1	mg/kg	MADEPV	08/11/08	41
C5-C8 Aliphatics	BDL	5.1	mg/kg	MADEPV	08/11/08	41
C9-C12 Aliphatics	BDL	5.1	mg/kg	MADEPV	08/11/08	41
C9-C10 Aromatics	BDL	5.1	mg/kg	MADEPV	08/11/08	41
Surrogate Recovery						
2,5-Dibromotoluene (FID)	78.5		% Rec.	MADEPV	08/11/08	41
2,5-Dibromotoluene (PID)	75.4		% Rec.	MADEPV	08/11/08	41
Volatile Organics						
Acetone	BDL	0.063	mg/kg	8260B	08/11/08	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	08/11/08	1
Benzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
Bromoform	BDL	0.0012	mg/kg	8260B	08/11/08	1
Bromomethane	BDL	0.0063	mg/kg	8260B	08/11/08	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	08/11/08	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
Chloroethane	BDL	0.0063	mg/kg	8260B	08/11/08	1
2-Chloroethyl vinyl ether	BDL	0.063	mg/kg	8260B	08/11/08	1
Chloroform	BDL	0.0063	mg/kg	8260B	08/11/08	1
Chloromethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	08/11/08	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0063	mg/kg	8260B	08/11/08	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Dichlorodifluoromethane	BDL	0.0063	mg/kg	8260B	08/11/08	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	08/11/08	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	08/11/08	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	08/11/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Est. 1970

**REPORT OF ANALYSIS**

August 18, 2008

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeland Way  
Raleigh, NC 27613

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 832 HUGHES SIDE 1  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359036-01

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	08/11/08	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	08/11/08	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	08/11/08	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	08/11/08	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	08/11/08	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	08/11/08	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	08/11/08	1
Methylene Chloride	BDL	0.0063	mg/kg	8260B	08/11/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	08/11/08	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	08/11/08	1
Naphthalene	BDL	0.0063	mg/kg	8260B	08/11/08	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Styrene	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	08/11/08	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Toluene	BDL	0.0063	mg/kg	8260B	08/11/08	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Trichlorofluoromethane	BDL	0.0063	mg/kg	8260B	08/11/08	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,2,3-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	08/11/08	1
Xylenes, Total	BDL	0.0038	mg/kg	8260B	08/11/08	1
Surrogate Recovery						
Toluene-d8	98.1		% Rec.	8260B	08/11/08	1
Dibromofluoromethane	98.2		% Rec.	8260B	08/11/08	1
4-BromoFluorobenzene	104.		% Rec.	8260B	08/11/08	1
Extractable Petroleum Hydrocarb	BDL	8.1	mg/kg	MADEPE	08/13/08	1
C9-C18 Aliphatics	BDL	8.1	mg/kg	MADEPE	08/13/08	1
C19-C36 Aliphatics	BDL	8.1	mg/kg	MADEPE	08/13/08	1
C11-C22 Aromatics	BDL	8.1	mg/kg	MADEPE	08/13/08	1
Surrogate Recovery						
o-Terphenyl	105.		% Rec.	MADEPE	08/13/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Tax I.D. 62-0814289

Est. 1970

**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeleand Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station

ESC Sample # : L359036-01

Sample ID : 832 HUGHES SIDE 1

Site ID :

Collected By : SR List  
Collection Date : 08/07/08 00:00

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1-Chloro-octadecane	92.1		% Rec.	MADEPE	08/13/08	1
2-Fluorobiphenyl	83.5		% Rec.	MADEPE	08/13/08	1
2-Bromonaphthanene	103.		% Rec.	MADEPE	08/13/08	1
<b>Base/Neutral Extractables</b>						
Acenaphthene	BDL	0.41	mg/kg	8270C	08/12/08	1
Acenaphthylene	BDL	0.41	mg/kg	8270C	08/12/08	1
Anthracene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzidine	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo (a) anthracene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo (b) fluoranthene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo (k) fluoranthene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo (g, h, i) perylene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo (a) pyrene	BDL	0.41	mg/kg	8270C	08/12/08	1
Bis (2-chlorethoxy)methane	BDL	0.41	mg/kg	8270C	08/12/08	1
Bis (2-chloroethyl) ether	BDL	0.41	mg/kg	8270C	08/12/08	1
Bis (2-chloroisopropyl) ether	BDL	0.41	mg/kg	8270C	08/12/08	1
4-Bromophenyl-phenylether	BDL	0.41	mg/kg	8270C	08/12/08	1
2-Chloronaphthalene	BDL	0.41	mg/kg	8270C	08/12/08	1
4-Chlorophenyl-phenylether	BDL	0.41	mg/kg	8270C	08/12/08	1
Chrysene	BDL	0.41	mg/kg	8270C	08/12/08	1
Dibenz (a, h) anthracene	BDL	0.41	mg/kg	8270C	08/12/08	1
3,3-Dichlorobenzidine	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4-Dinitrotoluene	BDL	0.41	mg/kg	8270C	08/12/08	1
2,6-Dinitrotoluene	BDL	0.41	mg/kg	8270C	08/12/08	1
Fluoranthene	BDL	0.41	mg/kg	8270C	08/12/08	1
Fluorene	BDL	0.41	mg/kg	8270C	08/12/08	1
Hexachlorobenzene	BDL	0.41	mg/kg	8270C	08/12/08	1
Hexachloro-1,3-butadiene	BDL	0.41	mg/kg	8270C	08/12/08	1
Hexachlorocyclopentadiene	BDL	0.41	mg/kg	8270C	08/12/08	1
Hexachloroethane	BDL	0.41	mg/kg	8270C	08/12/08	1
Indeno (1,2,3-cd)pyrene	BDL	0.41	mg/kg	8270C	08/12/08	1
Isophorone	BDL	0.41	mg/kg	8270C	08/12/08	1
Naphthalene	BDL	0.41	mg/kg	8270C	08/12/08	1
Nitrobenzene	BDL	0.41	mg/kg	8270C	08/12/08	1
n-Nitrosodimethylamine	BDL	0.41	mg/kg	8270C	08/12/08	1
n-Nitrosodiphenylamine	BDL	0.41	mg/kg	8270C	08/12/08	1
n-Nitrosodi-n-propylamine	BDL	0.41	mg/kg	8270C	08/12/08	1
Phenanthrene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzylbutyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Bis (2-ethylhexyl)phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Di-n-butyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Diethyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Dimethyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeiland Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 832 HUGHES SIDE 1  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359036-01

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-n-octyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Pyrene	BDL	0.41	mg/kg	8270C	08/12/08	1
1,2,4-Trichlorobenzene	BDL	0.41	mg/kg	8270C	08/12/08	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2-Chlorophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4-Dichlorophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4-Dimethylphenol	BDL	0.41	mg/kg	8270C	08/12/08	1
4,6-Dinitro-2-methylphenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4-Dinitrophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2-Nitrophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
4-Nitrophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
Pentachlorophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
Phenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4,6-Trichlorophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
Surrogate Recovery						
Nitrobenzene-d5	59.7		% Rec.	8270C	08/12/08	1
2-Fluorobiphenyl	69.6		% Rec.	8270C	08/12/08	1
p-Terphenyl-d14	76.7		% Rec.	8270C	08/12/08	1
Phenol-d5	76.2		% Rec.	8270C	08/12/08	1
2-Fluorophenol	70.7		% Rec.	8270C	08/12/08	1
2,4,6-Tribromophenol	83.0		% Rec.	8270C	08/12/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Reported: 08/18/08 16:50 Printed: 08/18/08 16:51



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**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 BreeLand Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 832 HUGHES SIDE 2  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359036-02

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	80.2		%	2540G	08/14/08	1
Volatile Petroleum Hydrocarbons	12.	6.2	mg/kg	MADEPV	08/11/08	50
C5-C8 Aliphatics	BDL	6.2	mg/kg	MADEPV	08/11/08	50
C9-C12 Aliphatics	38.	6.2	mg/kg	MADEPV	08/11/08	50
C9-C10 Aromatics	26.	6.2	mg/kg	MADEPV	08/11/08	50
Surrogate Recovery						
2,5-Dibromotoluene (FID)	83.7		% Rec.	MADEPV	08/11/08	50
2,5-Dibromotoluene (PID)	71.0		% Rec.	MADEPV	08/11/08	50
<b>Volatile Organics</b>						
Acetone	BDL	0.074	mg/kg	8260B	08/11/08	1.19
Acrylonitrile	BDL	0.015	mg/kg	8260B	08/11/08	1.19
Benzene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Bromobenzene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Bromodichloromethane	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Bromoform	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Bromomethane	BDL	0.0074	mg/kg	8260B	08/11/08	1.19
n-Butylbenzene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
sec-Butylbenzene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
tert-Butylbenzene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Carbon tetrachloride	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Chlorobenzene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Chlorodibromomethane	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Chloroethane	BDL	0.0074	mg/kg	8260B	08/11/08	1.19
2-Chloroethyl vinyl ether	BDL	0.074	mg/kg	8260B	08/11/08	1.19
Chloroform	BDL	0.0074	mg/kg	8260B	08/11/08	1.19
Chloromethane	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
2-Chlorotoluene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
4-Chlorotoluene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
1,2-Dibromo-3-Chloropropane	BDL	0.0074	mg/kg	8260B	08/11/08	1.19
1,2-Dibromoethane	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Dibromomethane	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
1,2-Dichlorobenzene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
1,3-Dichlorobenzene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
1,4-Dichlorobenzene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Dichlorodifluoromethane	BDL	0.0074	mg/kg	8260B	08/11/08	1.19
1,1-Dichloroethane	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
1,2-Dichloroethane	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
1,1-Dichloroethene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
cis-1,2-Dichloroethene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
trans-1,2-Dichloroethene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
1,2-Dichloropropane	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
1,1-Dichloropropene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Tax I.D. 62-0814289

Est. 1970

**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeland Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 832 HUGHES SIDE 2  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359036-02

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
cis-1,3-Dichloropropene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
trans-1,3-Dichloropropene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
2,2-Dichloropropane	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Di-isopropyl ether	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Ethylbenzene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Hexachloro-1,3-butadiene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Isopropylbenzene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
p-isopropyltoluene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
2-Butanone (MEK)	BDL	0.015	mg/kg	8260B	08/11/08	1.19
Methylene Chloride	BDL	0.0074	mg/kg	8260B	08/11/08	1.19
4-Methyl-2-pentanone (MIBK)	BDL	0.015	mg/kg	8260B	08/11/08	1.19
Methyl tert-butyl ether	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Naphthalene	BDL	0.0074	mg/kg	8260B	08/11/08	1.19
n-Propylbenzene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Styrene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
1,1,1,2-Tetrachloroethane	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
1,1,2,2-Tetrachloroethane	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Tetrachloroethene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Toluene	BDL	0.0074	mg/kg	8260B	08/11/08	1.19
1,2,3-Trichlorobenzene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
1,2,4-Trichlorobenzene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
1,1,1-Trichloroethane	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
1,1,2-Trichloroethane	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Trichloroethene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Trichlorofluoromethane	BDL	0.0074	mg/kg	8260B	08/11/08	1.19
1,2,3-Trichloropropane	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
1,2,4-Trimethylbenzene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
1,2,3-Trimethylbenzene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
1,3,5-Trimethylbenzene	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Vinyl chloride	BDL	0.0015	mg/kg	8260B	08/11/08	1.19
Xylenes, Total	BDL	0.0044	mg/kg	8260B	08/11/08	1.19
<b>Surrogate Recovery</b>						
Toluene-d8	98.4		% Rec.	8260B	08/11/08	1.19
Dibromofluoromethane	101.		% Rec.	8260B	08/11/08	1.19
4-Bromofluorobenzene	107.		% Rec.	8260B	08/11/08	1.19
<b>Extractable Petroleum Hydrocarb</b>						
C9-C18 Aliphatics	46.	8.1	mg/kg	MADEPE	08/14/08	1
C19-C36 Aliphatics	16.	8.1	mg/kg	MADEPE	08/14/08	1
C11-C22 Aromatics	25.	8.1	mg/kg	MADEPE	08/13/08	1
<b>Surrogate Recovery</b>						
o-Terphenyl	101.		% Rec.	MADEPE	08/13/08	1

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BDL - Below Detection Limit

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Est. 1970

**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeleand Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 832 HUGHES SIDE 2  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359036-02

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1-Chloro-octadecane	104.		% Rec.	MADEPE	08/14/08	1
2-Fluorobiphenyl	77.0		% Rec.	MADEPE	08/13/08	1
2-Bromonaphthanene	101.		% Rec.	MADEPE	08/13/08	1
<b>Base/Neutral Extractables</b>						
Acenaphthene	BDL	0.41	mg/kg	8270C	08/12/08	1
Acenaphthylene	BDL	0.41	mg/kg	8270C	08/12/08	1
Anthracene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzidine	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo(a)anthracene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo(b)fluoranthene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo(k)fluoranthene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo(g,h,i)perylene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo(a)pyrene	BDL	0.41	mg/kg	8270C	08/12/08	1
Bis(2-chlorethoxy)methane	BDL	0.41	mg/kg	8270C	08/12/08	1
Bis(2-chloroethyl) ether	BDL	0.41	mg/kg	8270C	08/12/08	1
Bis(2-chloroisopropyl) ether	BDL	0.41	mg/kg	8270C	08/12/08	1
4-Bromophenyl-phenylether	BDL	0.41	mg/kg	8270C	08/12/08	1
2-Chloronaphthalene	BDL	0.41	mg/kg	8270C	08/12/08	1
4-Chlorophenyl-phenylether	BDL	0.41	mg/kg	8270C	08/12/08	1
Chrysene	BDL	0.41	mg/kg	8270C	08/12/08	1
Dibenz(a,h)anthracene	BDL	0.41	mg/kg	8270C	08/12/08	1
3,3-Dichlorobenzidine	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4-Dinitrotoluene	BDL	0.41	mg/kg	8270C	08/12/08	1
2,6-Dinitrotoluene	BDL	0.41	mg/kg	8270C	08/12/08	1
Fluoranthene	BDL	0.41	mg/kg	8270C	08/12/08	1
Fluorene	BDL	0.41	mg/kg	8270C	08/12/08	1
Hexachlorobenzene	BDL	0.41	mg/kg	8270C	08/12/08	1
Hexachloro-1,3-butadiene	BDL	0.41	mg/kg	8270C	08/12/08	1
Hexachlorocyclopentadiene	BDL	0.41	mg/kg	8270C	08/12/08	1
Hexachloroethane	BDL	0.41	mg/kg	8270C	08/12/08	1
Indeno(1,2,3-cd)pyrene	BDL	0.41	mg/kg	8270C	08/12/08	1
Isophorone	BDL	0.41	mg/kg	8270C	08/12/08	1
Naphthalene	BDL	0.41	mg/kg	8270C	08/12/08	1
Nitrobenzene	BDL	0.41	mg/kg	8270C	08/12/08	1
n-Nitrosodimethylamine	BDL	0.41	mg/kg	8270C	08/12/08	1
n-Nitrosodiphenylamine	BDL	0.41	mg/kg	8270C	08/12/08	1
n-Nitrosodi-n-propylamine	BDL	0.41	mg/kg	8270C	08/12/08	1
Phenanthrene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzylbutyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Bis(2-ethylhexyl)phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Di-n-butyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Diethyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Dimethyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1

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Est. 1970

**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeiland Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station

ESC Sample # : L359036-02

Sample ID : 832 HUGHES SIDE 2

Site ID :

Collected By : SR List  
Collection Date : 08/07/08 00:00

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-n-octyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Pyrene	BDL	0.41	mg/kg	8270C	08/12/08	1
1,2,4-Trichlorobenzene	BDL	0.41	mg/kg	8270C	08/12/08	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2-Chlorophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4-Dichlorophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4-Dimethylphenol	BDL	0.41	mg/kg	8270C	08/12/08	1
4,6-Dinitro-2-methylphenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4-Dinitrophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2-Nitrophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
4-Nitrophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
Pentachlorophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
Phenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4,6-Trichlorophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
Surrogate Recovery						
Nitrobenzene-d5	72.1		% Rec.	8270C	08/12/08	1
2-Fluorobiphenyl	74.8		% Rec.	8270C	08/12/08	1
p-Terphenyl-d14	83.0		% Rec.	8270C	08/12/08	1
Phenol-d5	82.9		% Rec.	8270C	08/12/08	1
2-Fluorophenol	75.7		% Rec.	8270C	08/12/08	1
2,4,6-Tribromophenol	90.7		% Rec.	8270C	08/12/08	1

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Reported: 08/18/08 16:50 Printed: 08/18/08 16:51



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Est. 1970

**REPORT OF ANALYSIS**

August 18, 2008

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeiland Way  
Raleigh, NC 27613

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 832 HUGHES SIDE 3  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359036-03

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	82.0		%	2540G	08/14/08	1
Volatile Petroleum Hydrocarbons	BDL	6.3	mg/kg	MADEPV	08/11/08	51.5
C5-C8 Aliphatics	BDL	6.3	mg/kg	MADEPV	08/11/08	51.5
C9-C12 Aliphatics	BDL	6.3	mg/kg	MADEPV	08/11/08	51.5
C9-C10 Aromatics	BDL	6.3	mg/kg	MADEPV	08/11/08	51.5
Surrogate Recovery						
2,5-Dibromotoluene (FID)	93.2		% Rec.	MADEPV	08/11/08	51.5
2,5-Dibromotoluene (PID)	83.9		% Rec.	MADEPV	08/11/08	51.5
Volatile Organics						
Acetone	BDL	0.061	mg/kg	8260B	08/10/08	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	08/10/08	1
Benzene	BDL	0.0012	mg/kg	8260B	08/10/08	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	08/10/08	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	08/10/08	1
Bromoform	BDL	0.0012	mg/kg	8260B	08/10/08	1
Bromomethane	BDL	0.0061	mg/kg	8260B	08/10/08	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	08/10/08	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	08/10/08	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	08/10/08	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	08/10/08	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	08/10/08	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	08/10/08	1
Chloroethane	BDL	0.0061	mg/kg	8260B	08/10/08	1
2-Chloroethyl vinyl ether	BDL	0.061	mg/kg	8260B	08/10/08	1
Chloroform	BDL	0.0061	mg/kg	8260B	08/10/08	1
Chloromethane	BDL	0.0012	mg/kg	8260B	08/10/08	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	08/10/08	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	08/10/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0061	mg/kg	8260B	08/10/08	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	08/10/08	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	08/10/08	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	08/10/08	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	08/10/08	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	08/10/08	1
Dichlorodifluoromethane	BDL	0.0061	mg/kg	8260B	08/10/08	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	08/10/08	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	08/10/08	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	08/10/08	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	08/10/08	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	08/10/08	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	08/10/08	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	08/10/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

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Est. 1970

**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeleand Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 832 HUGHES SIDE 3  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359036-03

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	08/10/08	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	08/10/08	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	08/10/08	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	08/10/08	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	08/10/08	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	08/10/08	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	08/10/08	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	08/10/08	1
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	08/10/08	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	08/10/08	1
Methylene Chloride	BDL	0.0061	mg/kg	8260B	08/10/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	08/10/08	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	08/10/08	1
Naphthalene	BDL	0.0061	mg/kg	8260B	08/10/08	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	08/10/08	1
Styrene	BDL	0.0012	mg/kg	8260B	08/10/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	08/10/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	08/10/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	08/10/08	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	08/10/08	1
Toluene	BDL	0.0061	mg/kg	8260B	08/10/08	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	08/10/08	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	08/10/08	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	08/10/08	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	08/10/08	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	08/10/08	1
Trichlorofluoromethane	BDL	0.0061	mg/kg	8260B	08/10/08	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	08/10/08	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	08/10/08	1
1,2,3-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	08/10/08	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	08/10/08	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	08/10/08	1
Xylenes, Total	BDL	0.0036	mg/kg	8260B	08/10/08	1
Surrogate Recovery						
Toluene-d8	103.		% Rec.	8260B	08/10/08	1
Dibromofluoromethane	107.		% Rec.	8260B	08/10/08	1
4-Bromofluorobenzene	125.		% Rec.	8260B	08/10/08	1
Extractable Petroleum Hydrocarb	17.	7.9	mg/kg	MADEPE	08/14/08	1
C9-C18 Aliphatics	17.	7.9	mg/kg	MADEPE	08/14/08	1
C19-C36 Aliphatics	BDL	7.9	mg/kg	MADEPE	08/14/08	1
C11-C22 Aromatics	BDL	7.9	mg/kg	MADEPE	08/13/08	1
Surrogate Recovery						
o-Terphenyl	104.		% Rec.	MADEPE	08/13/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Tax I.D. 62-0814289

Est. 1970

**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeeland Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station

ESC Sample # : L359036-03

Sample ID : 832 HUGHES SIDE 3

Site ID :

Collected By : SR List  
Collection Date : 08/07/08 00:00

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1-Chloro-octadecane	98.1		% Rec.	MADEPE	08/14/08	1
2-Fluorobiphenyl	80.8		% Rec.	MADEPE	08/13/08	1
2-Bromonaphthanene	93.2		% Rec.	MADEPE	08/13/08	1
<b>Base/Neutral Extractables</b>						
Acenaphthene	BDL	0.40	mg/kg	8270C	08/12/08	1
Acenaphthylene	BDL	0.40	mg/kg	8270C	08/12/08	1
Anthracene	BDL	0.40	mg/kg	8270C	08/12/08	1
Benzidine	BDL	0.40	mg/kg	8270C	08/12/08	1
Benzo(a)anthracene	BDL	0.40	mg/kg	8270C	08/12/08	1
Benzo(b)fluoranthene	BDL	0.40	mg/kg	8270C	08/12/08	1
Benzo(k)fluoranthene	BDL	0.40	mg/kg	8270C	08/12/08	1
Benzo(g,h,i)perylene	BDL	0.40	mg/kg	8270C	08/12/08	1
Benzo(a)pyrene	BDL	0.40	mg/kg	8270C	08/12/08	1
Bis(2-chlorethoxy)methane	BDL	0.40	mg/kg	8270C	08/12/08	1
Bis(2-chloroethyl)ether	BDL	0.40	mg/kg	8270C	08/12/08	1
Bis(2-chloroisopropyl)ether	BDL	0.40	mg/kg	8270C	08/12/08	1
4-Bromophenyl-phenylether	BDL	0.40	mg/kg	8270C	08/12/08	1
2-Chloronaphthalene	BDL	0.40	mg/kg	8270C	08/12/08	1
4-Chlorophenyl-phenylether	BDL	0.40	mg/kg	8270C	08/12/08	1
Chrysene	BDL	0.40	mg/kg	8270C	08/12/08	1
Dibenz(a,h)anthracene	BDL	0.40	mg/kg	8270C	08/12/08	1
3,3-Dichlorobenzidine	BDL	0.40	mg/kg	8270C	08/12/08	1
2,4-Dinitrotoluene	BDL	0.40	mg/kg	8270C	08/12/08	1
2,6-Dinitrotoluene	BDL	0.40	mg/kg	8270C	08/12/08	1
Fluoranthene	BDL	0.40	mg/kg	8270C	08/12/08	1
Fluorene	BDL	0.40	mg/kg	8270C	08/12/08	1
Hexachlorobenzene	BDL	0.40	mg/kg	8270C	08/12/08	1
Hexachloro-1,3-butadiene	BDL	0.40	mg/kg	8270C	08/12/08	1
Hexachlorocyclopentadiene	BDL	0.40	mg/kg	8270C	08/12/08	1
Hexachloroethane	BDL	0.40	mg/kg	8270C	08/12/08	1
Indeno(1,2,3-cd)pyrene	BDL	0.40	mg/kg	8270C	08/12/08	1
Isophorone	BDL	0.40	mg/kg	8270C	08/12/08	1
Naphthalene	BDL	0.40	mg/kg	8270C	08/12/08	1
Nitrobenzene	BDL	0.40	mg/kg	8270C	08/12/08	1
n-Nitrosodimethylamine	BDL	0.40	mg/kg	8270C	08/12/08	1
n-Nitrosodiphenylamine	BDL	0.40	mg/kg	8270C	08/12/08	1
n-Nitrosodi-n-propylamine	BDL	0.40	mg/kg	8270C	08/12/08	1
Phenanthrene	BDL	0.40	mg/kg	8270C	08/12/08	1
Benzylbutyl phthalate	BDL	0.40	mg/kg	8270C	08/12/08	1
Bis(2-ethylhexyl)phthalate	BDL	0.40	mg/kg	8270C	08/12/08	1
Di-n-butyl phthalate	BDL	0.40	mg/kg	8270C	08/12/08	1
Diethyl phthalate	BDL	0.40	mg/kg	8270C	08/12/08	1
Dimethyl phthalate	BDL	0.40	mg/kg	8270C	08/12/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Est. 1970

**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeland Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 832 HUGHES SIDE 3  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359036-03

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-n-octyl phthalate	BDL	0.40	mg/kg	8270C	08/12/08	1
Pyrene	BDL	0.40	mg/kg	8270C	08/12/08	1
1,2,4-Trichlorobenzene	BDL	0.40	mg/kg	8270C	08/12/08	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.40	mg/kg	8270C	08/12/08	1
2-Chlorophenol	BDL	0.40	mg/kg	8270C	08/12/08	1
2,4-Dichlorophenol	BDL	0.40	mg/kg	8270C	08/12/08	1
2,4-Dimethylphenol	BDL	0.40	mg/kg	8270C	08/12/08	1
4,6-Dinitro-2-methylphenol	BDL	0.40	mg/kg	8270C	08/12/08	1
2,4-Dinitrophenol	BDL	0.40	mg/kg	8270C	08/12/08	1
2-Nitrophenol	BDL	0.40	mg/kg	8270C	08/12/08	1
4-Nitrophenol	BDL	0.40	mg/kg	8270C	08/12/08	1
Pentachlorophenol	BDL	0.40	mg/kg	8270C	08/12/08	1
Phenol	BDL	0.40	mg/kg	8270C	08/12/08	1
2,4,6-Trichlorophenol	BDL	0.40	mg/kg	8270C	08/12/08	1
Surrogate Recovery						
Nitrobenzene-d5	60.0		% Rec.	8270C	08/12/08	1
2-Fluorobiphenyl	70.1		% Rec.	8270C	08/12/08	1
p-Terphenyl-d14	82.6		% Rec.	8270C	08/12/08	1
Phenol-d5	75.3		% Rec.	8270C	08/12/08	1
2-Fluorophenol	71.1		% Rec.	8270C	08/12/08	1
2,4,6-Tribromophenol	81.4		% Rec.	8270C	08/12/08	1

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BDL - Below Detection Limit

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Reported: 08/18/08 16:50 Printed: 08/18/08 16:51



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**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeleand Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 832 HUGHES SIDE 4  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359036-04

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	80.3		%	2540G	08/14/08	1
Volatile Petroleum Hydrocarbons	63.	12.	mg/kg	MADEPV	08/11/08	100
C5-C8 Aliphatics	BDL	12.	mg/kg	MADEPV	08/11/08	100
C9-C12 Aliphatics	220	12.	mg/kg	MADEPV	08/11/08	100
C9-C10 Aromatics	150	12.	mg/kg	MADEPV	08/11/08	100
Surrogate Recovery						
2,5-Dibromotoluene (FID)	85.7		% Rec.	MADEPV	08/11/08	100
2,5-Dibromotoluene (PID)	70.4		% Rec.	MADEPV	08/11/08	100
<b>Volatile Organics</b>						
Acetone	BDL	3.4	mg/kg	8260B	08/11/08	55.5
Acrylonitrile	BDL	0.69	mg/kg	8260B	08/11/08	55.5
Benzene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Bromobenzene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Bromodichloromethane	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Bromoform	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Bromomethane	BDL	0.34	mg/kg	8260B	08/11/08	55.5
n-Butylbenzene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
sec-Butylbenzene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
tert-Butylbenzene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Carbon tetrachloride	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Chlorobenzene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Chlorodibromomethane	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Chloroethane	BDL	0.34	mg/kg	8260B	08/11/08	55.5
2-Chloroethyl vinyl ether	BDL	3.4	mg/kg	8260B	08/11/08	55.5
Chloroform	BDL	0.34	mg/kg	8260B	08/11/08	55.5
Chloromethane	BDL	0.069	mg/kg	8260B	08/11/08	55.5
2-Chlorotoluene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
4-Chlorotoluene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
1,2-Dibromo-3-Chloropropane	BDL	0.34	mg/kg	8260B	08/11/08	55.5
1,2-Dibromoethane	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Dibromomethane	BDL	0.069	mg/kg	8260B	08/11/08	55.5
1,2-Dichlorobenzene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
1,3-Dichlorobenzene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
1,4-Dichlorobenzene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Dichlorodifluoromethane	BDL	0.34	mg/kg	8260B	08/11/08	55.5
1,1-Dichloroethane	BDL	0.069	mg/kg	8260B	08/11/08	55.5
1,2-Dichloroethane	BDL	0.069	mg/kg	8260B	08/11/08	55.5
1,1-Dichloroethene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
cis-1,2-Dichloroethene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
trans-1,2-Dichloroethene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
1,2-Dichloropropane	BDL	0.069	mg/kg	8260B	08/11/08	55.5
1,1-Dichloropropene	BDL	0.069	mg/kg	8260B	08/11/08	55.5

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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L359036-04 (V8260) - Non-target compounds too high to run at a lower dilution.



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**REPORT OF ANALYSIS**

August 18, 2008

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeiland Way  
Raleigh, NC 27613

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 832 HUGHES SIDE 4  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359036-04

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.069	mg/kg	8260B	08/11/08	55.5
cis-1,3-Dichloropropene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
trans-1,3-Dichloropropene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
2,2-Dichloropropane	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Di-isopropyl ether	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Ethylbenzene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Hexachloro-1,3-butadiene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Isopropylbenzene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
p-Isopropyltoluene	0.28	0.069	mg/kg	8260B	08/11/08	55.5
2-Butanone (MEK)	BDL	0.69	mg/kg	8260B	08/11/08	55.5
Methylene Chloride	BDL	0.34	mg/kg	8260B	08/11/08	55.5
4-Methyl-2-pentanone (MIBK)	BDL	0.69	mg/kg	8260B	08/11/08	55.5
Methyl tert-butyl ether	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Naphthalene	0.61	0.34	mg/kg	8260B	08/11/08	55.5
n-Propylbenzene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Styrene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
1,1,1,2-Tetrachloroethane	BDL	0.069	mg/kg	8260B	08/11/08	55.5
1,1,2,2-Tetrachloroethane	BDL	0.069	mg/kg	8260B	08/11/08	55.5
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Tetrachloroethene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Toluene	BDL	0.34	mg/kg	8260B	08/11/08	55.5
1,2,3-Trichlorobenzene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
1,2,4-Trichlorobenzene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
1,1,1-Trichloroethane	BDL	0.069	mg/kg	8260B	08/11/08	55.5
1,1,2-Trichloroethane	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Trichloroethene	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Trichlorofluoromethane	BDL	0.34	mg/kg	8260B	08/11/08	55.5
1,2,3-Trichloropropane	BDL	0.069	mg/kg	8260B	08/11/08	55.5
1,2,4-Trimethylbenzene	0.36	0.069	mg/kg	8260B	08/11/08	55.5
1,2,3-Trimethylbenzene	0.092	0.069	mg/kg	8260B	08/11/08	55.5
1,3,5-Trimethylbenzene	0.23	0.069	mg/kg	8260B	08/11/08	55.5
Vinyl chloride	BDL	0.069	mg/kg	8260B	08/11/08	55.5
Xylenes, Total	0.45	0.21	mg/kg	8260B	08/11/08	55.5
Surrogate Recovery						
Toluene-d8	98.2		% Rec.	8260B	08/11/08	55.5
Dibromofluoromethane	95.4		% Rec.	8260B	08/11/08	55.5
4-Bromofluorobenzene	108.		% Rec.	8260B	08/11/08	55.5
Extractable Petroleum Hydrocarb	3100	160	mg/kg	MADEPE	08/14/08	20
C9-C18 Aliphatics	1600	160	mg/kg	MADEPE	08/14/08	20
C19-C36 Aliphatics	400	160	mg/kg	MADEPE	08/14/08	20
C11-C22 Aromatics	1100	160	mg/kg	MADEPE	08/14/08	20
Surrogate Recovery						
o-Terphenyl	0.00		% Rec.	MADEPE	08/14/08	20

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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L359036-04 (V8260) - Non-target compounds too high to run at a lower dilution.



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**REPORT OF ANALYSIS**

August 18, 2008

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeleand Way  
Raleigh, NC 27613

Date Received : August 08, 2008  
Description : Broadstone Station

Sample ID : 832 HUGHES SIDE 4

Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359036-04

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1-Chloro-octadecane	0.00		% Rec.	MADEPE	08/14/08	20
2-Fluorobiphenyl	0.00		% Rec.	MADEPE	08/14/08	20
2-Bromonaphthanene	0.00		% Rec.	MADEPE	08/14/08	20
<b>Base/Neutral Extractables</b>						
Acenaphthene	0.52	0.41	mg/kg	8270C	08/12/08	1
Acenaphthylene	BDL	0.41	mg/kg	8270C	08/12/08	1
Anthracene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzidine	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo (a) anthracene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo (b) fluoranthene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo (k) fluoranthene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo (g, h, i) perylene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo (a) pyrene	BDL	0.41	mg/kg	8270C	08/12/08	1
Bis (2-chlorethoxy)methane	BDL	0.41	mg/kg	8270C	08/12/08	1
Bis (2-chloroethyl) ether	BDL	0.41	mg/kg	8270C	08/12/08	1
Bis (2-chloroisopropyl) ether	BDL	0.41	mg/kg	8270C	08/12/08	1
4-Bromophenyl-phenylether	BDL	0.41	mg/kg	8270C	08/12/08	1
2-Chloronaphthalene	BDL	0.41	mg/kg	8270C	08/12/08	1
4-Chlorophenyl-phenylether	BDL	0.41	mg/kg	8270C	08/12/08	1
Chrysene	BDL	0.41	mg/kg	8270C	08/12/08	1
Dibenz (a, h) anthracene	BDL	0.41	mg/kg	8270C	08/12/08	1
3,3-Dichlorobenzidine	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4-Dinitrotoluene	BDL	0.41	mg/kg	8270C	08/12/08	1
2,6-Dinitrotoluene	BDL	0.41	mg/kg	8270C	08/12/08	1
Fluoranthene	BDL	0.41	mg/kg	8270C	08/12/08	1
Fluorene	BDL	0.41	mg/kg	8270C	08/12/08	1
Hexachlorobenzene	BDL	0.41	mg/kg	8270C	08/12/08	1
Hexachloro-1,3-butadiene	BDL	0.41	mg/kg	8270C	08/12/08	1
Hexachlorocyclopentadiene	BDL	0.41	mg/kg	8270C	08/12/08	1
Hexachloroethane	BDL	0.41	mg/kg	8270C	08/12/08	1
Indeno (1,2,3-cd)pyrene	BDL	0.41	mg/kg	8270C	08/12/08	1
Isophorone	BDL	0.41	mg/kg	8270C	08/12/08	1
Naphthalene	2.3	0.41	mg/kg	8270C	08/12/08	1
Nitrobenzene	BDL	0.41	mg/kg	8270C	08/12/08	1
n-Nitrosodimethylamine	BDL	0.41	mg/kg	8270C	08/12/08	1
n-Nitrosodiphenylamine	BDL	0.41	mg/kg	8270C	08/12/08	1
n-Nitrosodi-n-propylamine	BDL	0.41	mg/kg	8270C	08/12/08	1
Phenanthrene	1.4	0.41	mg/kg	8270C	08/12/08	1
Benzylbutyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Bis (2-ethylhexyl) phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Di-n-butyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Diethyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Dimethyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1

Results listed are dry weight basis.

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Det. Limit - Practical Quantitation Limit (PQL)

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L359036-04 (V8260) - Non-target compounds too high to run at a lower dilution.



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**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeland Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 832 HUGHES SIDE 4  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359036-04

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-n-octyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Pyrene	BDL	0.41	mg/kg	8270C	08/12/08	1
1,2,4-Trichlorobenzene	BDL	0.41	mg/kg	8270C	08/12/08	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2-Chlorophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4-Dichlorophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4-Dimethylphenol	BDL	0.41	mg/kg	8270C	08/12/08	1
4,6-Dinitro-2-methylphenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4-Dinitrophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2-Nitrophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
4-Nitrophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
Pentachlorophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
Phenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4,6-Trichlorophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
Surrogate Recovery						
Nitrobenzene-d5	25.9		% Rec.	8270C	08/12/08	1
2-Fluorobiphenyl	60.9		% Rec.	8270C	08/12/08	1
p-Terphenyl-d14	45.1		% Rec.	8270C	08/12/08	1
Phenol-d5	81.2		% Rec.	8270C	08/12/08	1
2-Fluorophenol	81.3		% Rec.	8270C	08/12/08	1
2,4,6-Tribromophenol	119.		% Rec.	8270C	08/12/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Reported: 08/18/08 16:50 Printed: 08/18/08 16:51

L359036-04 (V8260) - Non-target compounds too high to run at a lower dilution.



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Tax I.D. 62-0814289

Est. 1970

**REPORT OF ANALYSIS**

August 18, 2008

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeland Way  
Raleigh, NC 27613

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 832 HUGHES BOTTOM  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359036-05

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	74.2		%	2540G	08/14/08	1
Volatile Petroleum Hydrocarbons	BDL	10.	mg/kg	MADEPV	08/11/08	76
C5-C8 Aliphatics	BDL	10.	mg/kg	MADEPV	08/11/08	76
C9-C12 Aliphatics	BDL	10.	mg/kg	MADEPV	08/11/08	76
C9-C10 Aromatics	BDL	10.	mg/kg	MADEPV	08/11/08	76
Surrogate Recovery						
2,5-Dibromotoluene (FID)	86.4		% Rec.	MADEPV	08/11/08	76
2,5-Dibromotoluene (PID)	88.8		% Rec.	MADEPV	08/11/08	76
Volatile Organics						
Acetone	BDL	0.067	mg/kg	8260B	08/10/08	1
Acrylonitrile	BDL	0.013	mg/kg	8260B	08/10/08	1
Benzene	BDL	0.0013	mg/kg	8260B	08/10/08	1
Bromobenzene	BDL	0.0013	mg/kg	8260B	08/10/08	1
Bromodichloromethane	BDL	0.0013	mg/kg	8260B	08/10/08	1
Bromoform	BDL	0.0013	mg/kg	8260B	08/10/08	1
Bromomethane	BDL	0.0067	mg/kg	8260B	08/10/08	1
n-Butylbenzene	BDL	0.0013	mg/kg	8260B	08/10/08	1
sec-Butylbenzene	BDL	0.0013	mg/kg	8260B	08/10/08	1
tert-Butylbenzene	BDL	0.0013	mg/kg	8260B	08/10/08	1
Carbon tetrachloride	BDL	0.0013	mg/kg	8260B	08/10/08	1
Chlorobenzene	BDL	0.0013	mg/kg	8260B	08/10/08	1
Chlorodibromomethane	BDL	0.0013	mg/kg	8260B	08/10/08	1
Chloroethane	BDL	0.0067	mg/kg	8260B	08/10/08	1
2-Chloroethyl vinyl ether	BDL	0.067	mg/kg	8260B	08/10/08	1
Chloroform	BDL	0.0067	mg/kg	8260B	08/10/08	1
Chloromethane	0.0022	0.0013	mg/kg	8260B	08/10/08	1
2-Chlorotoluene	BDL	0.0013	mg/kg	8260B	08/10/08	1
4-Chlorotoluene	BDL	0.0013	mg/kg	8260B	08/10/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0067	mg/kg	8260B	08/10/08	1
1,2-Dibromoethane	BDL	0.0013	mg/kg	8260B	08/10/08	1
Dibromomethane	BDL	0.0013	mg/kg	8260B	08/10/08	1
1,2-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	08/10/08	1
1,3-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	08/10/08	1
1,4-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	08/10/08	1
Dichlorodifluoromethane	BDL	0.0067	mg/kg	8260B	08/10/08	1
1,1-Dichloroethane	BDL	0.0013	mg/kg	8260B	08/10/08	1
1,2-Dichloroethane	BDL	0.0013	mg/kg	8260B	08/10/08	1
1,1-Dichloroethene	BDL	0.0013	mg/kg	8260B	08/10/08	1
cis-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	08/10/08	1
trans-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	08/10/08	1
1,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	08/10/08	1
1,1-Dichloropropene	BDL	0.0013	mg/kg	8260B	08/10/08	1

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Mr. Simon List  
SiTech Consulting, PC.  
9000 BreeLand Way  
Raleigh, NC 27613

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 832 HUGHES BOTTOM  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359036-05

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.0013	mg/kg	8260B	08/10/08	1
cis-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	08/10/08	1
trans-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	08/10/08	1
2,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	08/10/08	1
Di-isopropyl ether	BDL	0.0013	mg/kg	8260B	08/10/08	1
Ethylbenzene	BDL	0.0013	mg/kg	8260B	08/10/08	1
Hexachloro-1,3-butadiene	BDL	0.0013	mg/kg	8260B	08/10/08	1
Isopropylbenzene	BDL	0.0013	mg/kg	8260B	08/10/08	1
p-Isopropyltoluene	BDL	0.0013	mg/kg	8260B	08/10/08	1
2-Butanone (MEK)	BDL	0.013	mg/kg	8260B	08/10/08	1
Methylene Chloride	BDL	0.0067	mg/kg	8260B	08/10/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.013	mg/kg	8260B	08/10/08	1
Methyl tert-butyl ether	BDL	0.0013	mg/kg	8260B	08/10/08	1
Naphthalene	BDL	0.0067	mg/kg	8260B	08/10/08	1
n-Propylbenzene	BDL	0.0013	mg/kg	8260B	08/10/08	1
Styrene	BDL	0.0013	mg/kg	8260B	08/10/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	08/10/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	08/10/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0013	mg/kg	8260B	08/10/08	1
Tetrachloroethene	BDL	0.0013	mg/kg	8260B	08/10/08	1
Toluene	BDL	0.0067	mg/kg	8260B	08/10/08	1
1,2,3-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	08/10/08	1
1,2,4-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	08/10/08	1
1,1,1-Trichloroethane	BDL	0.0013	mg/kg	8260B	08/10/08	1
1,1,2-Trichloroethane	BDL	0.0013	mg/kg	8260B	08/10/08	1
Trichloroethene	BDL	0.0013	mg/kg	8260B	08/10/08	1
Trichlorofluoromethane	BDL	0.0067	mg/kg	8260B	08/10/08	1
1,2,3-Trichloropropane	BDL	0.0013	mg/kg	8260B	08/10/08	1
1,2,4-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	08/10/08	1
1,2,3-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	08/10/08	1
1,3,5-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	08/10/08	1
Vinyl chloride	BDL	0.0013	mg/kg	8260B	08/10/08	1
Xylenes, Total	BDL	0.0040	mg/kg	8260B	08/10/08	1
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	08/10/08	1
Dibromofluoromethane	115.		% Rec.	8260B	08/10/08	1
4-Bromofluorobenzene	124.		% Rec.	8260B	08/10/08	1
Extractable Petroleum Hydrocarb	BDL	8.8	mg/kg	MADEPE	08/13/08	1
C9-C18 Aliphatics	BDL	8.8	mg/kg	MADEPE	08/13/08	1
C19-C36 Aliphatics	BDL	8.8	mg/kg	MADEPE	08/13/08	1
C11-C22 Aromatics	BDL	8.8	mg/kg	MADEPE	08/13/08	1
Surrogate Recovery						
o-Terphenyl	101.		% Rec.	MADEPE	08/13/08	1

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Raleigh, NC 27613

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 832 HUGHES BOTTOM  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359036-05

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1-Chloro-octadecane	88.5		% Rec.	MADEPE	08/13/08	1
2-Fluorobiphenyl	78.3		% Rec.	MADEPE	08/13/08	1
2-Bromonaphthanene	97.5		% Rec.	MADEPE	08/13/08	1
<b>Base/Neutral Extractables</b>						
Acenaphthene	BDL	0.44	mg/kg	8270C	08/12/08	1
Acenaphthylene	BDL	0.44	mg/kg	8270C	08/12/08	1
Anthracene	BDL	0.44	mg/kg	8270C	08/12/08	1
Benzidine	BDL	0.44	mg/kg	8270C	08/12/08	1
Benzo (a) anthracene	BDL	0.44	mg/kg	8270C	08/12/08	1
Benzo (b) fluoranthene	BDL	0.44	mg/kg	8270C	08/12/08	1
Benzo (k) fluoranthene	BDL	0.44	mg/kg	8270C	08/12/08	1
Benzo (g,h,i) perylene	BDL	0.44	mg/kg	8270C	08/12/08	1
Benzo (a) pyrene	BDL	0.44	mg/kg	8270C	08/12/08	1
Bis (2-chlorethoxy)methane	BDL	0.44	mg/kg	8270C	08/12/08	1
Bis (2-chloroethyl) ether	BDL	0.44	mg/kg	8270C	08/12/08	1
Bis (2-chloroisopropyl) ether	BDL	0.44	mg/kg	8270C	08/12/08	1
4-Bromophenyl-phenylether	BDL	0.44	mg/kg	8270C	08/12/08	1
2-Chloronaphthalene	BDL	0.44	mg/kg	8270C	08/12/08	1
4-Chlorophenyl-phenylether	BDL	0.44	mg/kg	8270C	08/12/08	1
Chrysene	BDL	0.44	mg/kg	8270C	08/12/08	1
Dibenz (a,h) anthracene	BDL	0.44	mg/kg	8270C	08/12/08	1
3,3-Dichlorobenzidine	BDL	0.44	mg/kg	8270C	08/12/08	1
2,4-Dinitrotoluene	BDL	0.44	mg/kg	8270C	08/12/08	1
2,6-Dinitrotoluene	BDL	0.44	mg/kg	8270C	08/12/08	1
Fluoranthene	BDL	0.44	mg/kg	8270C	08/12/08	1
Fluorene	BDL	0.44	mg/kg	8270C	08/12/08	1
Hexachlorobenzene	BDL	0.44	mg/kg	8270C	08/12/08	1
Hexachloro-1,3-butadiene	BDL	0.44	mg/kg	8270C	08/12/08	1
Hexachlorocyclopentadiene	BDL	0.44	mg/kg	8270C	08/12/08	1
Hexachloroethane	BDL	0.44	mg/kg	8270C	08/12/08	1
Indeno (1,2,3-cd) pyrene	BDL	0.44	mg/kg	8270C	08/12/08	1
Isophorone	BDL	0.44	mg/kg	8270C	08/12/08	1
Naphthalene	BDL	0.44	mg/kg	8270C	08/12/08	1
Nitrobenzene	BDL	0.44	mg/kg	8270C	08/12/08	1
n-Nitrosodimethylamine	BDL	0.44	mg/kg	8270C	08/12/08	1
n-Nitrosodiphenylamine	BDL	0.44	mg/kg	8270C	08/12/08	1
n-Nitrosodi-n-propylamine	BDL	0.44	mg/kg	8270C	08/12/08	1
Phenanthrene	BDL	0.44	mg/kg	8270C	08/12/08	1
Benzylbutyl phthalate	BDL	0.44	mg/kg	8270C	08/12/08	1
Bis (2-ethylhexyl) phthalate	BDL	0.44	mg/kg	8270C	08/12/08	1
Di-n-butyl phthalate	BDL	0.44	mg/kg	8270C	08/12/08	1
Diethyl phthalate	BDL	0.44	mg/kg	8270C	08/12/08	1
Dimethyl phthalate	BDL	0.44	mg/kg	8270C	08/12/08	1

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August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 832 HUGHES BOTTOM  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359036-05

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-n-octyl phthalate	BDL	0.44	mg/kg	8270C	08/12/08	1
Pyrene	BDL	0.44	mg/kg	8270C	08/12/08	1
1,2,4-Trichlorobenzene	BDL	0.44	mg/kg	8270C	08/12/08	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.44	mg/kg	8270C	08/12/08	1
2-Chlorophenol	BDL	0.44	mg/kg	8270C	08/12/08	1
2,4-Dichlorophenol	BDL	0.44	mg/kg	8270C	08/12/08	1
2,4-Dimethylphenol	BDL	0.44	mg/kg	8270C	08/12/08	1
4,6-Dinitro-2-methylphenol	BDL	0.44	mg/kg	8270C	08/12/08	1
2,4-Dinitrophenol	BDL	0.44	mg/kg	8270C	08/12/08	1
2-Nitrophenol	BDL	0.44	mg/kg	8270C	08/12/08	1
4-Nitrophenol	BDL	0.44	mg/kg	8270C	08/12/08	1
Pentachlorophenol	BDL	0.44	mg/kg	8270C	08/12/08	1
Phenol	BDL	0.44	mg/kg	8270C	08/12/08	1
2,4,6-Trichlorophenol	BDL	0.44	mg/kg	8270C	08/12/08	1
Surrogate Recovery						
Nitrobenzene-d5	56.0		% Rec.	8270C	08/12/08	1
2-Fluorobiphenyl	70.6		% Rec.	8270C	08/12/08	1
p-Terphenyl-d14	73.6		% Rec.	8270C	08/12/08	1
Phenol-d5	70.9		% Rec.	8270C	08/12/08	1
2-Fluorophenol	65.0		% Rec.	8270C	08/12/08	1
2,4,6-Tribromophenol	81.5		% Rec.	8270C	08/12/08	1

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Attachment A  
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L359036-01	C9-C10 Aromatics	J5
L359036-03	Chloroform	J4
	cis-1,2-Dichloroethene	J4
	1,1,1-Trichloroethane	J4
L359036-04	Naphthalene	E
	o-Terphenyl	J7
	1-Chloro-octadecane	J7
	2-Fluorobiphenyl	J7
	2-Bromonaphthanene	J7
L359036-05	Chloroform	J4
	cis-1,2-Dichloroethene	J4
	1,1,1-Trichloroethane	J4

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
E	GTL (EPA) - Greater than upper calibration limit: Actual value is known to be greater than the upper calibration range.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high
J7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed  
08/18/08 at 16:51:39

TSR Signing Reports: 064  
R5 - Desired TAT

Sample: L359036-01 Account: SITCONRNC Received: 08/08/08 09:00 Due Date: 08/15/08 00:00 RPT Date: 08/18/08 16:50  
Sample: L359036-02 Account: SITCONRNC Received: 08/08/08 09:00 Due Date: 08/15/08 00:00 RPT Date: 08/18/08 16:50  
Sample: L359036-03 Account: SITCONRNC Received: 08/08/08 09:00 Due Date: 08/15/08 00:00 RPT Date: 08/18/08 16:50  
Sample: L359036-04 Account: SITCONRNC Received: 08/08/08 09:00 Due Date: 08/15/08 00:00 RPT Date: 08/18/08 16:50  
Sample: L359036-05 Account: SITCONRNC Received: 08/08/08 09:00 Due Date: 08/15/08 00:00 RPT Date: 08/18/08 16:50



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Quality Assurance Report  
Level II  
L359036

August 18, 2008

Analyte	Result	Laboratory Blank		Date Analyzed	Batch
		Units			
1,1,1,2-Tetrachloroethane	< .001	mg/kg		08/10/08 03:21	WG376845
1,1,1-Trichloroethane	< .001	mg/kg		08/10/08 03:21	WG376845
1,1,2,2-Tetrachloroethane	< .001	mg/kg		08/10/08 03:21	WG376845
1,1,2-Trichloroethane	< .001	mg/kg		08/10/08 03:21	WG376845
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg		08/10/08 03:21	WG376845
1,1-Dichloroethane	< .001	mg/kg		08/10/08 03:21	WG376845
1,1-Dichloroethene	< .001	mg/kg		08/10/08 03:21	WG376845
1,1-Dichloropropene	< .001	mg/kg		08/10/08 03:21	WG376845
1,2,3-Trichlorobenzene	< .001	mg/kg		08/10/08 03:21	WG376845
1,2,3-Trichloropropane	< .001	mg/kg		08/10/08 03:21	WG376845
1,2,3-Trimethylbenzene	< .001	mg/kg		08/10/08 03:21	WG376845
1,2,4-Trichlorobenzene	< .001	mg/kg		08/10/08 03:21	WG376845
1,2,4-Trimethylbenzene	< .001	mg/kg		08/10/08 03:21	WG376845
1,2-Dibromo-3-Chloropropane	< .005	mg/kg		08/10/08 03:21	WG376845
1,2-Dibromoethane	< .001	mg/kg		08/10/08 03:21	WG376845
1,2-Dichlorobenzene	< .001	mg/kg		08/10/08 03:21	WG376845
1,2-Dichloroethane	< .001	mg/kg		08/10/08 03:21	WG376845
1,2-Dichloropropane	< .001	mg/kg		08/10/08 03:21	WG376845
1,3,5-Trimethylbenzene	< .001	mg/kg		08/10/08 03:21	WG376845
1,3-Dichlorobenzene	< .001	mg/kg		08/10/08 03:21	WG376845
1,3-Dichloropropane	< .001	mg/kg		08/10/08 03:21	WG376845
1,4-Dichlorobenzene	< .001	mg/kg		08/10/08 03:21	WG376845
2,2-Dichloropropane	< .001	mg/kg		08/10/08 03:21	WG376845
2-Butanone (MEK)	< .01	mg/kg		08/10/08 03:21	WG376845
2-Chloroethyl vinyl ether	< .001	mg/kg		08/10/08 03:21	WG376845
2-Chlorotoluene	< .001	mg/kg		08/10/08 03:21	WG376845
4-Chlorotoluene	< .001	mg/kg		08/10/08 03:21	WG376845
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg		08/10/08 03:21	WG376845
Acetone	< .05	mg/kg		08/10/08 03:21	WG376845
Acrylonitrile	< .01	mg/kg		08/10/08 03:21	WG376845
Benzene	< .001	mg/kg		08/10/08 03:21	WG376845
Bromobenzene	< .001	mg/kg		08/10/08 03:21	WG376845
Bromodichloromethane	< .001	mg/kg		08/10/08 03:21	WG376845
Bromoform	< .001	mg/kg		08/10/08 03:21	WG376845
Bromomethane	< .005	mg/kg		08/10/08 03:21	WG376845
Carbon tetrachloride	< .001	mg/kg		08/10/08 03:21	WG376845
Chlorobenzene	< .001	mg/kg		08/10/08 03:21	WG376845
Chlorodibromomethane	< .001	mg/kg		08/10/08 03:21	WG376845
Chloroethane	< .005	mg/kg		08/10/08 03:21	WG376845
Chloroform	< .005	mg/kg		08/10/08 03:21	WG376845
Chloromethane	< .001	mg/kg		08/10/08 03:21	WG376845
cis-1,2-Dichloroethene	< .001	mg/kg		08/10/08 03:21	WG376845
cis-1,3-Dichloropropene	< .001	mg/kg		08/10/08 03:21	WG376845
Di-isopropyl ether	< .001	mg/kg		08/10/08 03:21	WG376845
Dibromomethane	< .001	mg/kg		08/10/08 03:21	WG376845
Dichlorodifluoromethane	< .005	mg/kg		08/10/08 03:21	WG376845
Ethylbenzene	< .001	mg/kg		08/10/08 03:21	WG376845
Hexachloro-1,3-butadiene	< .001	mg/kg		08/10/08 03:21	WG376845
Isopropylbenzene	< .001	mg/kg		08/10/08 03:21	WG376845
Methyl tert-butyl ether	< .001	mg/kg		08/10/08 03:21	WG376845
Methylene Chloride	< .005	mg/kg		08/10/08 03:21	WG376845
n-Butylbenzene	< .001	mg/kg		08/10/08 03:21	WG376845
n-Propylbenzene	< .001	mg/kg		08/10/08 03:21	WG376845
Naphthalene	< .005	mg/kg		08/10/08 03:21	WG376845
p-Isopropyltoluene	< .001	mg/kg		08/10/08 03:21	WG376845
sec-Butylbenzene	< .001	mg/kg		08/10/08 03:21	WG376845
Styrene	< .001	mg/kg		08/10/08 03:21	WG376845
tert-Butylbenzene	< .001	mg/kg		08/10/08 03:21	WG376845
Tetrachloroethene	< .001	mg/kg		08/10/08 03:21	WG376845
Toluene	< .005	mg/kg		08/10/08 03:21	WG376845



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Mr. Simon List  
9000 Breeland Way

Quality Assurance Report  
Level II

Raleigh, NC 27613

August 18, 2008

L359036

trans-1,2-Dichloroethene < .001 mg/kg 08/10/08 03:21 WG376845

Analyte	Result	Laboratory Blank		Date Analyzed	Batch
		Units			
trans-1,3-Dichloropropene	< .001	mg/kg		08/10/08 03:21	WG376845
Trichloroethene	< .001	mg/kg		08/10/08 03:21	WG376845
Trichlorofluoromethane	< .005	mg/kg		08/10/08 03:21	WG376845
Vinyl chloride	< .001	mg/kg		08/10/08 03:21	WG376845
Xylenes, Total	< .003	mg/kg		08/10/08 03:21	WG376845
1,2,4-Trichlorobenzene	< .33	ppm		08/12/08 11:17	WG376896
2,4,6-Trichlorophenol	< .33	ppm		08/12/08 11:17	WG376896
2,4-Dichlorophenol	< .33	ppm		08/12/08 11:17	WG376896
2,4-Dimethylphenol	< .33	ppm		08/12/08 11:17	WG376896
2,4-Dinitrophenol	< .33	ppm		08/12/08 11:17	WG376896
2,4-Dinitrotoluene	< .33	ppm		08/12/08 11:17	WG376896
2,6-Dinitrotoluene	< .33	ppm		08/12/08 11:17	WG376896
2-Chloronaphthalene	< .33	ppm		08/12/08 11:17	WG376896
2-Chlorophenol	< .33	ppm		08/12/08 11:17	WG376896
2-Nitrophenol	< .33	ppm		08/12/08 11:17	WG376896
3,3-Dichlorobenzidine	< .33	ppm		08/12/08 11:17	WG376896
4,6-Dinitro-2-methylphenol	< .33	ppm		08/12/08 11:17	WG376896
4-Bromophenyl-phenylether	< .33	ppm		08/12/08 11:17	WG376896
4-Chloro-3-methylphenol	< .33	ppm		08/12/08 11:17	WG376896
4-Chlorophenyl-phenylether	< .33	ppm		08/12/08 11:17	WG376896
4-Nitrophenol	< .33	ppm		08/12/08 11:17	WG376896
Acenaphthene	< .33	ppm		08/12/08 11:17	WG376896
Acenaphthylene	< .33	ppm		08/12/08 11:17	WG376896
Anthracene	< .33	ppm		08/12/08 11:17	WG376896
Benzidine	< .33	ppm		08/12/08 11:17	WG376896
Benzo (a) anthracene	< .33	ppm		08/12/08 11:17	WG376896
Benzo (a) pyrene	< .33	ppm		08/12/08 11:17	WG376896
Benzo (b) fluoranthene	< .33	ppm		08/12/08 11:17	WG376896
Benzo (g, h, i) perylene	< .33	ppm		08/12/08 11:17	WG376896
Benzo (k) fluoranthene	< .33	ppm		08/12/08 11:17	WG376896
Benzylbutyl phthalate	< .33	ppm		08/12/08 11:17	WG376896
Bis (2-chlorethoxy)methane	< .33	ppm		08/12/08 11:17	WG376896
Bis (2-chloroethyl) ether	< .33	ppm		08/12/08 11:17	WG376896
Bis (2-chloroisopropyl) ether	< .33	ppm		08/12/08 11:17	WG376896
Bis (2-ethylhexyl) phthalate	< .33	ppm		08/12/08 11:17	WG376896
Chrysene	< .33	ppm		08/12/08 11:17	WG376896
Di-n-butyl phthalate	< .33	ppm		08/12/08 11:17	WG376896
Di-n-octyl phthalate	< .33	ppm		08/12/08 11:17	WG376896
Dibenz (a, h) anthracene	< .33	ppm		08/12/08 11:17	WG376896
Diethyl phthalate	< .33	ppm		08/12/08 11:17	WG376896
Dimethyl phthalate	< .33	ppm		08/12/08 11:17	WG376896
Fluoranthene	< .33	ppm		08/12/08 11:17	WG376896
Fluorene	< .33	ppm		08/12/08 11:17	WG376896
Hexachloro-1,3-butadiene	< .33	ppm		08/12/08 11:17	WG376896
Hexachlorobenzene	< .33	ppm		08/12/08 11:17	WG376896
Hexachlorocyclopentadiene	< .33	ppm		08/12/08 11:17	WG376896
Hexachloroethane	< .33	ppm		08/12/08 11:17	WG376896
Indeno (1,2,3-cd) pyrene	< .33	ppm		08/12/08 11:17	WG376896
Isophorone	< .33	ppm		08/12/08 11:17	WG376896
n-Nitrosodi-n-propylamine	< .33	ppm		08/12/08 11:17	WG376896
n-Nitrosodimethylamine	< .33	ppm		08/12/08 11:17	WG376896
n-Nitrosodiphenylamine	< .33	ppm		08/12/08 11:17	WG376896
Naphthalene	< .33	ppm		08/12/08 11:17	WG376896
Nitrobenzene	< .33	ppm		08/12/08 11:17	WG376896
Pentachlorophenol	< .33	ppm		08/12/08 11:17	WG376896
Phenanthrene	< .33	ppm		08/12/08 11:17	WG376896
Phenol	< .33	ppm		08/12/08 11:17	WG376896
Pyrene	< .33	ppm		08/12/08 11:17	WG376896



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Quality Assurance Report  
Level II  
L359036

August 18, 2008

Analyte	Result	Laboratory Blank		Date Analyzed	Batch
		Units			
1,1,1,2-Tetrachloroethane	<.001	mg/kg		08/11/08 18:20	WG377014
1,1,1-Trichloroethane	<.001	mg/kg		08/11/08 18:20	WG377014
1,1,2,2-Tetrachloroethane	<.001	mg/kg		08/11/08 18:20	WG377014
1,1,2-Trichloroethane	<.001	mg/kg		08/11/08 18:20	WG377014
1,1,2-Trichloro-1,2,2-trifluoroethane	<.001	mg/kg		08/11/08 18:20	WG377014
1,1-Dichloroethane	<.001	mg/kg		08/11/08 18:20	WG377014
1,1-Dichloroethene	<.001	mg/kg		08/11/08 18:20	WG377014
1,1-Dichloropropene	<.001	mg/kg		08/11/08 18:20	WG377014
1,2,3-Trichlorobenzene	<.001	mg/kg		08/11/08 18:20	WG377014
1,2,3-Trichloropropane	<.001	mg/kg		08/11/08 18:20	WG377014
1,2,3-Trimethylbenzene	<.001	mg/kg		08/11/08 18:20	WG377014
1,2,4-Trichlorobenzene	<.001	mg/kg		08/11/08 18:20	WG377014
1,2,4-Trimethylbenzene	<.001	mg/kg		08/11/08 18:20	WG377014
1,2-Dibromo-3-Chloropropane	<.005	mg/kg		08/11/08 18:20	WG377014
1,2-Dibromoethane	<.001	mg/kg		08/11/08 18:20	WG377014
1,2-Dichlorobenzene	<.001	mg/kg		08/11/08 18:20	WG377014
1,2-Dichloroethane	<.001	mg/kg		08/11/08 18:20	WG377014
1,2-Dichloropropane	<.001	mg/kg		08/11/08 18:20	WG377014
1,3,5-Trimethylbenzene	<.001	mg/kg		08/11/08 18:20	WG377014
1,3-Dichlorobenzene	<.001	mg/kg		08/11/08 18:20	WG377014
1,3-Dichloropropane	<.001	mg/kg		08/11/08 18:20	WG377014
1,4-Dichlorobenzene	<.001	mg/kg		08/11/08 18:20	WG377014
2,2-Dichloropropane	<.001	mg/kg		08/11/08 18:20	WG377014
2-Butanone (MEK)	<.01	mg/kg		08/11/08 18:20	WG377014
2-Chloroethyl vinyl ether	<.001	mg/kg		08/11/08 18:20	WG377014
2-Chlorotoluene	<.001	mg/kg		08/11/08 18:20	WG377014
4-Chlorotoluene	<.001	mg/kg		08/11/08 18:20	WG377014
4-Methyl-2-pentanone (MIBK)	<.01	mg/kg		08/11/08 18:20	WG377014
Acetone	<.05	mg/kg		08/11/08 18:20	WG377014
Acrylonitrile	<.01	mg/kg		08/11/08 18:20	WG377014
Benzene	<.001	mg/kg		08/11/08 18:20	WG377014
Bromobenzene	<.001	mg/kg		08/11/08 18:20	WG377014
Bromodichloromethane	<.001	mg/kg		08/11/08 18:20	WG377014
Bromoform	<.001	mg/kg		08/11/08 18:20	WG377014
Bromomethane	<.005	mg/kg		08/11/08 18:20	WG377014
Carbon tetrachloride	<.001	mg/kg		08/11/08 18:20	WG377014
Chlorobenzene	<.001	mg/kg		08/11/08 18:20	WG377014
Chlorodibromomethane	<.001	mg/kg		08/11/08 18:20	WG377014
Chloroethane	<.005	mg/kg		08/11/08 18:20	WG377014
Chloroform	<.005	mg/kg		08/11/08 18:20	WG377014
Chloromethane	<.001	mg/kg		08/11/08 18:20	WG377014
cis-1,2-Dichloroethene	<.001	mg/kg		08/11/08 18:20	WG377014
cis-1,3-Dichloropropene	<.001	mg/kg		08/11/08 18:20	WG377014
Di-isopropyl ether	<.001	mg/kg		08/11/08 18:20	WG377014
Dibromomethane	<.001	mg/kg		08/11/08 18:20	WG377014
Dichlorodifluoromethane	<.005	mg/kg		08/11/08 18:20	WG377014
Ethylbenzene	<.001	mg/kg		08/11/08 18:20	WG377014
Hexachloro-1,3-butadiene	<.001	mg/kg		08/11/08 18:20	WG377014
Isopropylbenzene	<.001	mg/kg		08/11/08 18:20	WG377014
Methyl tert-butyl ether	<.001	mg/kg		08/11/08 18:20	WG377014
Methylene Chloride	<.005	mg/kg		08/11/08 18:20	WG377014
n-Butylbenzene	<.001	mg/kg		08/11/08 18:20	WG377014
n-Propylbenzene	<.001	mg/kg		08/11/08 18:20	WG377014
Naphthalene	<.005	mg/kg		08/11/08 18:20	WG377014
p-Isopropyltoluene	<.001	mg/kg		08/11/08 18:20	WG377014
sec-Butylbenzene	<.001	mg/kg		08/11/08 18:20	WG377014
Styrene	<.001	mg/kg		08/11/08 18:20	WG377014
tert-Butylbenzene	<.001	mg/kg		08/11/08 18:20	WG377014
Tetrachloroethene	<.001	mg/kg		08/11/08 18:20	WG377014



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**Quality Assurance Report  
Level II**

Raleigh, NC 27613

L359036

August 18, 2008

Analyte	Result	Units	Date Analyzed	Batch
Toluene	< .005	mg/kg	08/11/08 18:20	WG377014
Laboratory Blank				
trans-1,2-Dichloroethene	< .001	mg/kg	08/11/08 18:20	WG377014
trans-1,3-Dichloropropene	< .001	mg/kg	08/11/08 18:20	WG377014
Trichloroethene	< .001	mg/kg	08/11/08 18:20	WG377014
Trichlorofluoromethane	< .005	mg/kg	08/11/08 18:20	WG377014
Vinyl chloride	< .001	mg/kg	08/11/08 18:20	WG377014
Xylenes, Total	< .003	mg/kg	08/11/08 18:20	WG377014
Total Solids	< .1	%	08/14/08 11:17	WG377401

Analyte	Units	Duplicate Result	Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	79.6	78.8	1.04	5	L359037-04	WG377401

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.0556	111.	73-134	WG376845
1,1,1-Trichloroethane	mg/kg	.05	0.0623	125.	62-135	WG376845
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0478	95.7	74-129	WG376845
1,1,2-Trichloroethane	mg/kg	.05	0.0545	109.	77-124	WG376845
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0512	102.	49-155	WG376845
1,1-Dichloroethane	mg/kg	.05	0.0599	120.	61-134	WG376845
1,1-Dichloroethene	mg/kg	.05	0.0575	115.	53-136	WG376845
1,1-Dichloropropene	mg/kg	.05	0.0556	111.	63-132	WG376845
1,2,3-Trichlorobenzene	mg/kg	.05	0.0450	90.0	62-146	WG376845
1,2,3-Trichloropropane	mg/kg	.05	0.0555	111.	70-133	WG376845
1,2,3-Trimethylbenzene	mg/kg	.05	0.0470	94.0	73-126	WG376845
1,2,4-Trichlorobenzene	mg/kg	.05	0.0453	90.7	61-148	WG376845
1,2,4-Trimethylbenzene	mg/kg	.05	0.0531	106.	68-135	WG376845
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0413	82.5	61-134	WG376845
1,2-Dibromoethane	mg/kg	.05	0.0526	105.	76-127	WG376845
1,2-Dichlorobenzene	mg/kg	.05	0.0458	91.7	77-123	WG376845
1,2-Dichloroethane	mg/kg	.05	0.0620	124.	58-141	WG376845
1,2-Dichloropropane	mg/kg	.05	0.0543	109.	71-128	WG376845
1,3,5-Trimethylbenzene	mg/kg	.05	0.0552	110.	71-133	WG376845
1,3-Dichlorobenzene	mg/kg	.05	0.0514	103.	71-132	WG376845
1,3-Dichloropropane	mg/kg	.05	0.0507	101.	76-120	WG376845
1,4-Dichlorobenzene	mg/kg	.05	0.0453	90.6	72-123	WG376845
2,2-Dichloropropane	mg/kg	.05	0.0654	131.	50-147	WG376845
2-Butanone (MEK)	mg/kg	.25	0.281	112.	51-131	WG376845
2-Chloroethyl vinyl ether	mg/kg	.25	0.264	106.	0-188	WG376845
2-Chlorotoluene	mg/kg	.05	0.0539	108.	73-128	WG376845
4-Chlorotoluene	mg/kg	.05	0.0532	106.	72-129	WG376845
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.263	105.	61-143	WG376845
Acetone	mg/kg	.25	0.314	126.	44-140	WG376845
Acrylonitrile	mg/kg	.25	0.287	115.	55-143	WG376845
Benzene	mg/kg	.05	0.0582	116.	65-128	WG376845
Bromobenzene	mg/kg	.05	0.0514	103.	75-123	WG376845
Bromodichloromethane	mg/kg	.05	0.0601	120.	66-126	WG376845
Bromoform	mg/kg	.05	0.0534	107.	64-139	WG376845
Bromomethane	mg/kg	.05	0.0657	131.	41-175	WG376845
Carbon tetrachloride	mg/kg	.05	0.0601	120.	60-140	WG376845
Chlorobenzene	mg/kg	.05	0.0528	106.	75-125	WG376845
Chlorodibromomethane	mg/kg	.05	0.0576	115.	72-137	WG376845
Chloroethane	mg/kg	.05	0.0709	142.	44-159	WG376845
Chloroform	mg/kg	.05	0.0634	127.	63-123	WG376845
Chloromethane	mg/kg	.05	0.0597	119.	42-149	WG376845
cis-1,2-Dichloroethene	mg/kg	.05	0.0620	124.	71-129	WG376845



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August 18, 2008

L359036

cis-1,3-Dichloropropene      mg/kg      .05      0.0574      115.      73-132      WG376845

Analyte	Laboratory Control		Sample Result	% Rec	Limit	Batch
	Units	Known Val				
Di-isopropyl ether	mg/kg	.05	0.0609	122.	59-143	WG376845
Dibromomethane	mg/kg	.05	0.0548	110.	70-130	WG376845
Dichlorodifluoromethane	mg/kg	.05	0.0638	128.	26-186	WG376845
Ethylbenzene	mg/kg	.05	0.0529	106.	74-128	WG376845
Hexachloro-1,3-butadiene	mg/kg	.05	0.0492	98.5	65-137	WG376845
Isopropylbenzene	mg/kg	.05	0.0542	108.	73-130	WG376845
Methyl tert-butyl ether	mg/kg	.05	0.0609	122.	44-148	WG376845
Methylene Chloride	mg/kg	.05	0.0590	118.	57-129	WG376845
n-Butylbenzene	mg/kg	.05	0.0442	88.4	60-145	WG376845
n-Propylbenzene	mg/kg	.05	0.0513	103.	71-132	WG376845
Naphthalene	mg/kg	.05	0.0395	78.9	61-142	WG376845
p-Isopropyltoluene	mg/kg	.05	0.0531	106.	67-138	WG376845
sec-Butylbenzene	mg/kg	.05	0.0515	103.	71-134	WG376845
Styrene	mg/kg	.05	0.0541	108.	76-133	WG376845
tert-Butylbenzene	mg/kg	.05	0.0525	105.	72-132	WG376845
Tetrachloroethene	mg/kg	.05	0.0508	102.	65-135	WG376845
Toluene	mg/kg	.05	0.0517	103.	70-120	WG376845
trans-1,2-Dichloroethene	mg/kg	.05	0.0598	120.	61-133	WG376845
trans-1,3-Dichloropropene	mg/kg	.05	0.0547	109.	70-135	WG376845
Trichloroethene	mg/kg	.05	0.0569	114.	71-126	WG376845
Trichlorofluoromethane	mg/kg	.05	0.0663	133.	52-147	WG376845
Vinyl chloride	mg/kg	.05	0.0618	124.	50-151	WG376845
Xylenes, Total	mg/kg	.15	0.157	105.	74-127	WG376845
1,2,4-Trichlorobenzene	ppm	.333	0.199	59.9	46-99	WG376896
2,4,6-Trichlorophenol	ppm	.333	0.272	81.5	56-109	WG376896
2,4-Dichlorophenol	ppm	.333	0.240	72.2	54-107	WG376896
2,4-Dimethylphenol	ppm	.333	0.323	97.1	58-119	WG376896
2,4-Dinitrophenol	ppm	.333	0.255	76.7	16-130	WG376896
2,4-Dinitrotoluene	ppm	.333	0.253	76.0	53-120	WG376896
2,6-Dinitrotoluene	ppm	.333	0.249	74.7	56-113	WG376896
2-Chloronaphthalene	ppm	.333	0.245	73.6	55-103	WG376896
2-Chlorophenol	ppm	.333	0.202	60.5	52-108	WG376896
2-Nitrophenol	ppm	.333	0.237	71.1	38-110	WG376896
3,3-Dichlorobenzidine	ppm	.333	0.217	65.2	24-123	WG376896
4,6-Dinitro-2-methylphenol	ppm	.333	0.261	78.5	34-111	WG376896
4-Bromophenyl-phenylether	ppm	.333	0.287	86.1	47-98	WG376896
4-Chloro-3-methylphenol	ppm	.333	0.245	73.6	54-116	WG376896
4-Chlorophenyl-phenylether	ppm	.333	0.270	80.9	55-106	WG376896
4-Nitrophenol	ppm	.333	0.239	71.7	34-123	WG376896
Acenaphthene	ppm	.333	0.244	73.3	54-102	WG376896
Acenaphthylene	ppm	.333	0.247	74.2	56-104	WG376896
Anthracene	ppm	.333	0.266	79.8	57-112	WG376896
Benzidine	ppm	.333	0.0000800	0.0240	0-13	WG376896
Benzo(a)anthracene	ppm	.333	0.252	75.8	55-105	WG376896
Benzo(a)pyrene	ppm	.333	0.266	79.8	59-114	WG376896
Benzo(b)fluoranthene	ppm	.333	0.182	54.6	44-116	WG376896
Benzo(g,h,i)perylene	ppm	.333	0.188	56.4	41-127	WG376896
Benzo(k)fluoranthene	ppm	.333	0.155	46.6	36-119	WG376896
Benzylbutyl phthalate	ppm	.333	0.307	92.3	57-130	WG376896
Bis(2-chlorethoxy)methane	ppm	.333	0.255	76.7	52-107	WG376896
Bis(2-chloroethyl) ether	ppm	.333	0.198	59.4	38-115	WG376896
Bis(2-chloroisopropyl) ether	ppm	.333	0.220	66.0	49-106	WG376896
Bis(2-ethylhexyl) phthalate	ppm	.333	0.300	90.0	50-130	WG376896
Chrysene	ppm	.333	0.252	75.8	54-103	WG376896
Di-n-butyl phthalate	ppm	.333	0.306	91.9	56-121	WG376896
Di-n-octyl phthalate	ppm	.333	0.288	86.4	50-128	WG376896
Dibenz(a,h)anthracene	ppm	.333	0.189	56.7	42-128	WG376896
Diethyl phthalate	ppm	.333	0.272	81.7	57-110	WG376896



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**Quality Assurance Report  
Level II**

Raleigh, NC 27613

August 18, 2008

L359036

Dimethyl phthalate	ppm	.333	0.282	84.8	57-108	WG376896
Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
Fluoranthene	ppm	.333	0.257	77.3	51-109	WG376896
Fluorene	ppm	.333	0.245	73.5	53-106	WG376896
Hexachloro-1,3-butadiene	ppm	.333	0.219	65.8	46-110	WG376896
Hexachlorobenzene	ppm	.333	0.283	85.1	51-117	WG376896
Hexachlorocyclopentadiene	ppm	.333	0.195	58.5	21-127	WG376896
Hexachloroethane	ppm	.333	0.180	54.1	43-104	WG376896
Indeno(1,2,3-cd)pyrene	ppm	.333	0.188	56.5	42-127	WG376896
Isophorone	ppm	.333	0.223	67.1	56-116	WG376896
n-Nitrosodi-n-propylamine	ppm	.333	0.279	83.7	54-113	WG376896
n-Nitrosodimethylamine	ppm	.333	0.193	57.9	35-111	WG376896
n-Nitrosodiphenylamine	ppm	.333	0.310	93.1	66-126	WG376896
Naphthalene	ppm	.333	0.204	61.3	46-97	WG376896
Nitrobenzene	ppm	.333	0.205	61.4	46-102	WG376896
Pentachlorophenol	ppm	.333	0.284	85.2	37-118	WG376896
Phenanthrene	ppm	.333	0.255	76.5	56-102	WG376896
Phenol	ppm	.333	0.250	75.2	55-115	WG376896
Pyrene	ppm	.333	0.265	79.7	53-111	WG376896
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.0476	95.3	73-134	WG377014
1,1,1-Trichloroethane	mg/kg	.05	0.0463	92.5	62-135	WG377014
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0470	94.1	74-129	WG377014
1,1,2-Trichloroethane	mg/kg	.05	0.0464	92.7	77-124	WG377014
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0456	91.3	49-155	WG377014
1,1-Dichloroethane	mg/kg	.05	0.0441	88.3	61-134	WG377014
1,1-Dichloroethene	mg/kg	.05	0.0465	93.1	53-136	WG377014
1,1-Dichloropropene	mg/kg	.05	0.0456	91.3	63-132	WG377014
1,2,3-Trichlorobenzene	mg/kg	.05	0.0483	96.6	62-146	WG377014
1,2,3-Trichloropropane	mg/kg	.05	0.0413	82.7	70-133	WG377014
1,2,3-Trimethylbenzene	mg/kg	.05	0.0472	94.3	73-126	WG377014
1,2,4-Trichlorobenzene	mg/kg	.05	0.0467	93.4	61-148	WG377014
1,2,4-Trimethylbenzene	mg/kg	.05	0.0420	84.0	68-135	WG377014
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0500	100.	61-134	WG377014
1,2-Dibromoethane	mg/kg	.05	0.0472	94.5	76-127	WG377014
1,2-Dichlorobenzene	mg/kg	.05	0.0461	92.3	77-123	WG377014
1,2-Dichloroethane	mg/kg	.05	0.0460	91.9	58-141	WG377014
1,2-Dichloropropane	mg/kg	.05	0.0453	90.7	71-128	WG377014
1,3,5-Trimethylbenzene	mg/kg	.05	0.0409	81.8	71-133	WG377014
1,3-Dichlorobenzene	mg/kg	.05	0.0488	97.6	71-132	WG377014
1,3-Dichloropropane	mg/kg	.05	0.0451	90.3	76-120	WG377014
1,4-Dichlorobenzene	mg/kg	.05	0.0456	91.2	72-123	WG377014
2,2-Dichloropropane	mg/kg	.05	0.0462	92.4	50-147	WG377014
2-Butanone (MEK)	mg/kg	.25	0.224	89.7	51-131	WG377014
2-Chloroethyl vinyl ether	mg/kg	.25	0.237	95.0	0-188	WG377014
2-Chlorotoluene	mg/kg	.05	0.0478	95.7	73-128	WG377014
4-Chlorotoluene	mg/kg	.05	0.0489	97.8	72-129	WG377014
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.237	94.7	61-143	WG377014
Acetone	mg/kg	.25	0.200	79.8	44-140	WG377014
Acrylonitrile	mg/kg	.25	0.232	92.8	55-143	WG377014
Benzene	mg/kg	.05	0.0432	86.4	65-128	WG377014
Bromobenzene	mg/kg	.05	0.0460	91.9	75-123	WG377014
Bromodichloromethane	mg/kg	.05	0.0480	96.1	66-126	WG377014
Bromoform	mg/kg	.05	0.0410	81.9	64-139	WG377014
Bromomethane	mg/kg	.05	0.0386	77.2	41-175	WG377014
Carbon tetrachloride	mg/kg	.05	0.0477	95.4	60-140	WG377014
Chlorobenzene	mg/kg	.05	0.0459	91.8	75-125	WG377014
Chlorodibromomethane	mg/kg	.05	0.0490	98.1	72-137	WG377014
Chloroethane	mg/kg	.05	0.0431	86.3	44-159	WG377014
Chloroform	mg/kg	.05	0.0452	90.3	63-123	WG377014
Chloromethane	mg/kg	.05	0.0453	90.5	42-149	WG377014



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Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
cis-1,2-Dichloroethene	mg/kg	.05	0.0465	93.1	71-129	WG377014
cis-1,3-Dichloropropene	mg/kg	.05	0.0473	94.7	73-132	WG377014
Di-isopropyl ether	mg/kg	.05	0.0464	92.8	59-143	WG377014
Dibromomethane	mg/kg	.05	0.0462	92.3	70-130	WG377014
Dichlorodifluoromethane	mg/kg	.05	0.0467	93.5	26-186	WG377014
Ethylbenzene	mg/kg	.05	0.0482	96.5	74-128	WG377014
Hexachloro-1,3-butadiene	mg/kg	.05	0.0492	98.4	65-137	WG377014
Isopropylbenzene	mg/kg	.05	0.0480	96.1	73-130	WG377014
Methyl tert-butyl ether	mg/kg	.05	0.0466	93.1	44-148	WG377014
Methylene Chloride	mg/kg	.05	0.0390	78.0	57-129	WG377014
n-Butylbenzene	mg/kg	.05	0.0521	104.1	60-145	WG377014
n-Propylbenzene	mg/kg	.05	0.0488	97.7	71-132	WG377014
Naphthalene	mg/kg	.05	0.0472	94.4	61-142	WG377014
p-Isopropyltoluene	mg/kg	.05	0.0411	82.3	67-138	WG377014
sec-Butylbenzene	mg/kg	.05	0.0477	95.4	71-134	WG377014
Styrene	mg/kg	.05	0.0399	79.8	76-133	WG377014
tert-Butylbenzene	mg/kg	.05	0.0406	81.1	72-132	WG377014
Tetrachloroethene	mg/kg	.05	0.0466	93.2	65-135	WG377014
Toluene	mg/kg	.05	0.0437	87.4	70-120	WG377014
trans-1,2-Dichloroethene	mg/kg	.05	0.0466	93.2	61-133	WG377014
trans-1,3-Dichloropropene	mg/kg	.05	0.0413	82.6	70-135	WG377014
Trichloroethene	mg/kg	.05	0.0470	94.0	71-126	WG377014
Trichlorofluoromethane	mg/kg	.05	0.0428	85.7	52-147	WG377014
Vinyl chloride	mg/kg	.05	0.0464	92.8	50-151	WG377014
Xylenes, Total	mg/kg	.15	0.128	85.2	74-127	WG377014
Total Solids	%	50	50.0	100.	85-115	WG377401

Analyte	Units	Laboratory Control LCSD Res	Sample Ref Res	Duplicate RPD	Limit	%Rec	Batch
1,1,1,2-Tetrachloroethane	mg/kg	0.0563	0.0556	1.25	20	113	WG376845
1,1,1-Trichloroethane	mg/kg	0.0681	0.0623	8.85	20	136	WG376845
1,1,2,2-Tetrachloroethane	mg/kg	0.0495	0.0478	3.48	20	99	WG376845
1,1,2-Trichloroethane	mg/kg	0.0538	0.0545	1.27	20	108	WG376845
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0542	0.0512	5.59	20	108	WG376845
1,1-Dichloroethane	mg/kg	0.0640	0.0599	6.77	20	128	WG376845
1,1-Dichloropropene	mg/kg	0.0585	0.0575	1.70	20	117	WG376845
1,2-Dichloroethane	mg/kg	0.0615	0.0556	10.1	20	123	WG376845
1,2,3-Trichlorobenzene	mg/kg	0.0504	0.0450	11.3	20	101	WG376845
1,2,3-Trichloropropane	mg/kg	0.0587	0.0555	5.59	20	117	WG376845
1,2,3-Trimethylbenzene	mg/kg	0.0495	0.0470	5.16	20	99	WG376845
1,2,4-Trichlorobenzene	mg/kg	0.0491	0.0453	7.90	20	98	WG376845
1,2,4-Trimethylbenzene	mg/kg	0.0552	0.0531	3.91	20	110	WG376845
1,2-Dibromo-3-Chloropropane	mg/kg	0.0414	0.0413	0.355	21	83	WG376845
1,2-Dibromoethane	mg/kg	0.0542	0.0526	2.92	20	108	WG376845
1,2-Dichlorobenzene	mg/kg	0.0479	0.0458	4.39	20	96	WG376845
1,2-Dichloroethane	mg/kg	0.0671	0.0620	7.98	20	134	WG376845
1,2-Dichloropropane	mg/kg	0.0543	0.0543	0.0874	20	109	WG376845
1,3,5-Trimethylbenzene	mg/kg	0.0571	0.0552	3.40	20	114	WG376845
1,3-Dichlorobenzene	mg/kg	0.0534	0.0514	3.69	20	107	WG376845
1,3-Dichloropropane	mg/kg	0.0514	0.0507	1.43	20	103	WG376845
1,4-Dichlorobenzene	mg/kg	0.0477	0.0453	5.12	20	95	WG376845
2,2-Dichloropropane	mg/kg	0.0679	0.0654	3.73	20	136	WG376845
2-Butanone (MEK)	mg/kg	0.295	0.281	4.82	25	118	WG376845
2-Chloroethyl vinyl ether	mg/kg	0.281	0.264	6.15	39	112	WG376845
2-Chlorotoluene	mg/kg	0.0561	0.0539	3.97	20	112	WG376845
4-Chlorotoluene	mg/kg	0.0555	0.0532	4.07	20	111	WG376845
4-Methyl-2-pentanone (MIBK)	mg/kg	0.263	0.263	0.0093	23	105	WG376845
Acetone	mg/kg	0.314	0.314	0.0075	25	126	WG376845



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**Quality Assurance Report  
Level II**

August 18, 2008

L359036

Acrylonitrile mg/kg 0.287 0.287 0.0843 20 115 WG376845

Analyte	Laboratory Control		Sample		RPD	Limit	%Rec	Batch
	Units	LCSD	Res	Ref Res				
Benzene	mg/kg	0.0628	0.0582	7.59	20	126	WG376845	
Bromobenzene	mg/kg	0.0541	0.0514	5.01	20	108	WG376845	
Bromodichloromethane	mg/kg	0.0618	0.0601	2.71	20	124	WG376845	
Bromoform	mg/kg	0.0522	0.0534	2.39	20	104	WG376845	
Bromomethane	mg/kg	0.0727	0.0657	10.0	20	145	WG376845	
Carbon tetrachloride	mg/kg	0.0666	0.0601	10.2	20	133	WG376845	
Chlorobenzene	mg/kg	0.0546	0.0528	3.29	20	109	WG376845	
Chlorodibromomethane	mg/kg	0.0573	0.0576	0.421	20	115	WG376845	
Chloroethane	mg/kg	0.0766	0.0709	7.67	20	153	WG376845	
Chloroform	mg/kg	0.0662	0.0634	4.32	20	132	WG376845	
Chloromethane	mg/kg	0.0619	0.0597	3.69	20	124	WG376845	
cis-1,2-Dichloroethene	mg/kg	0.0663	0.0620	6.79	20	133	WG376845	
cis-1,3-Dichloropropene	mg/kg	0.0588	0.0574	2.39	20	118	WG376845	
Di-isopropyl ether	mg/kg	0.0644	0.0609	5.54	20	129	WG376845	
Dibromomethane	mg/kg	0.0559	0.0548	1.99	20	112	WG376845	
Dichlorodifluoromethane	mg/kg	0.0697	0.0638	8.78	22	139	WG376845	
Ethylbenzene	mg/kg	0.0537	0.0529	1.60	20	107	WG376845	
Hexachloro-1,3-butadiene	mg/kg	0.0525	0.0492	6.38	20	105	WG376845	
Isopropylbenzene	mg/kg	0.0561	0.0542	3.46	20	112	WG376845	
Methyl tert-butyl ether	mg/kg	0.0633	0.0609	3.78	20	127	WG376845	
Methylene Chloride	mg/kg	0.0592	0.0590	0.245	20	118	WG376845	
n-Butylbenzene	mg/kg	0.0484	0.0442	9.06	20	97	WG376845	
n-Propylbenzene	mg/kg	0.0539	0.0513	4.85	20	108	WG376845	
Naphthalene	mg/kg	0.0460	0.0395	15.3	20	92	WG376845	
p-Isopropyltoluene	mg/kg	0.0562	0.0531	5.69	20	112	WG376845	
sec-Butylbenzene	mg/kg	0.0544	0.0515	5.43	20	109	WG376845	
Styrene	mg/kg	0.0556	0.0541	2.66	20	111	WG376845	
tert-Butylbenzene	mg/kg	0.0556	0.0525	5.69	20	111	WG376845	
Tetrachloroethene	mg/kg	0.0531	0.0508	4.46	20	106	WG376845	
Toluene	mg/kg	0.0541	0.0517	4.54	20	108	WG376845	
trans-1,2-Dichloroethene	mg/kg	0.0582	0.0598	2.79	20	116	WG376845	
trans-1,3-Dichloropropene	mg/kg	0.0537	0.0547	1.85	20	107	WG376845	
Trichloroethene	mg/kg	0.0617	0.0569	8.09	20	123	WG376845	
Trichlorofluoromethane	mg/kg	0.0721	0.0663	8.40	20	144	WG376845	
Vinyl chloride	mg/kg	0.0660	0.0618	6.57	20	132	WG376845	
Xylenes, Total	mg/kg	0.162	0.157	3.12	20	108	WG376845	
1,2,4-Trichlorobenzene	ppm	0.206	0.199	3.45	24	62	WG376896	
2,4,6-Trichlorophenol	ppm	0.264	0.272	2.90	20	79	WG376896	
2,4-Dichlorophenol	ppm	0.241	0.240	0.245	21	72	WG376896	
2,4-Dimethylphenol	ppm	0.325	0.323	0.358	23	97	WG376896	
2,4-Dinitrophenol	ppm	0.270	0.255	5.64	45	81	WG376896	
2,4-Dinitrotoluene	ppm	0.243	0.253	4.00	23	73	WG376896	
2,6-Dinitrotoluene	ppm	0.250	0.249	0.361	22	75	WG376896	
2-Chloronaphthalene	ppm	0.234	0.245	4.52	20	70	WG376896	
2-Chlorophenol	ppm	0.210	0.202	4.22	24	63	WG376896	
2-Nitrophenol	ppm	0.244	0.237	2.79	24	73	WG376896	
3,3-Dichlorobenzidine	ppm	0.207	0.217	4.91	35	62	WG376896	
4,6-Dinitro-2-methylphenol	ppm	0.263	0.261	0.675	33	79	WG376896	
4-Bromophenyl-phenylether	ppm	0.250	0.287	13.8	23	75	WG376896	
4-Chloro-3-methylphenol	ppm	0.244	0.245	0.290	23	73	WG376896	
4-Chlorophenyl-phenylether	ppm	0.261	0.270	3.05	22	79	WG376896	
4-Nitrophenol	ppm	0.246	0.239	2.83	36	74	WG376896	
Acenaphthene	ppm	0.234	0.244	4.06	20	70	WG376896	
Acenaphthylene	ppm	0.238	0.247	3.63	20	72	WG376896	
Anthracene	ppm	0.254	0.266	4.66	21	76	WG376896	
Benzidine	ppm	0.0000	0.0000	11.8	50	0	WG376896	
Benzo(a)anthracene	ppm	0.244	0.252	3.31	21	73	WG376896	
Benzo(a)pyrene	ppm	0.250	0.266	5.96	22	75	WG376896	



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**Quality Assurance Report  
Level II**

Raleigh, NC 27613

August 18, 2008

L359036

Benzo (b) fluoranthene ppm 0.177 0.182 2.64 33 53 WG376896

Analyte	Laboratory Control		Sample Duplicate		Limit	%Rec	Batch
	Units	LCSD Res	Ref Res	RPD			
Benzo (g, h, i) perylene	ppm	0.176	0.188	6.23	29	53	WG376896
Benzo (k) fluoranthene	ppm	0.139	0.155	10.9	37	42	WG376896
Benzylbutyl phthalate	ppm	0.275	0.307	10.9	27	83	WG376896
Bis (2-chloroethoxy) methane	ppm	0.257	0.255	0.449	21	77	WG376896
Bis (2-chloroethyl) ether	ppm	0.208	0.198	5.07	28	63	WG376896
Bis (2-chloroisopropyl) ether	ppm	0.224	0.220	1.75	25	67	WG376896
Bis (2-ethylhexyl) phthalate	ppm	0.260	0.300	14.1	29	78	WG376896
Chrysene	ppm	0.244	0.252	3.21	23	73	WG376896
Di-n-butyl phthalate	ppm	0.271	0.306	12.0	22	82	WG376896
Di-n-octyl phthalate	ppm	0.259	0.288	10.6	26	78	WG376896
Dibenz (a, h) anthracene	ppm	0.180	0.189	4.98	28	54	WG376896
Diethyl phthalate	ppm	0.263	0.272	3.53	20	79	WG376896
Dimethyl phthalate	ppm	0.266	0.282	5.89	20	80	WG376896
Fluoranthene	ppm	0.243	0.257	5.89	26	73	WG376896
Fluorene	ppm	0.236	0.245	3.45	20	71	WG376896
Hexachloro-1,3-butadiene	ppm	0.230	0.219	4.61	25	69	WG376896
Hexachlorobenzene	ppm	0.252	0.283	11.9	24	76	WG376896
Hexachlorocyclopentadiene	ppm	0.205	0.195	5.00	40	62	WG376896
Hexachloroethane	ppm	0.187	0.180	3.82	27	56	WG376896
Indeno (1,2,3-cd) pyrene	ppm	0.177	0.188	6.14	28	53	WG376896
Isophorone	ppm	0.221	0.223	0.890	21	67	WG376896
n-Nitrosodi-n-propylamine	ppm	0.272	0.279	2.39	21	82	WG376896
n-Nitrosodimethylamine	ppm	0.236	0.193	20.1	35	71	WG376896
n-Nitrosodiphenylamine	ppm	0.284	0.310	8.80	22	85	WG376896
Naphthalene	ppm	0.209	0.204	2.35	23	63	WG376896
Nitrobenzene	ppm	0.207	0.205	1.25	23	62	WG376896
Pentachlorophenol	ppm	0.278	0.284	2.23	28	83	WG376896
Phenanthrene	ppm	0.236	0.255	7.79	20	71	WG376896
Phenol	ppm	0.255	0.250	1.95	22	77	WG376896
Pyrene	ppm	0.239	0.265	10.6	26	72	WG376896
1,1,1,2-Tetrachloroethane	mg/kg	0.0528	0.0476	10.4	20	106	WG377014
1,1,1-Trichloroethane	mg/kg	0.0498	0.0463	7.32	20	100	WG377014
1,1,2,2-Tetrachloroethane	mg/kg	0.0502	0.0470	6.60	20	100	WG377014
1,1,2-Trichloroethane	mg/kg	0.0506	0.0464	8.70	20	101	WG377014
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0486	0.0456	6.18	20	97	WG377014
1,1-Dichloroethane	mg/kg	0.0473	0.0441	7.03	20	95	WG377014
1,1-Dichloroethene	mg/kg	0.0493	0.0465	5.74	20	99	WG377014
1,1-Dichloropropene	mg/kg	0.0487	0.0456	6.57	20	97	WG377014
1,2,3-Trichlorobenzene	mg/kg	0.0466	0.0483	3.50	20	93	WG377014
1,2,3-Trichloropropane	mg/kg	0.0437	0.0413	5.42	20	87	WG377014
1,2,3-Trimethylbenzene	mg/kg	0.0494	0.0472	4.56	20	99	WG377014
1,2,4-Trichlorobenzene	mg/kg	0.0467	0.0467	0.109	20	93	WG377014
1,2,4-Trimethylbenzene	mg/kg	0.0448	0.0420	6.39	20	90	WG377014
1,2-Dibromo-3-Chloropropane	mg/kg	0.0499	0.0500	0.221	21	100	WG377014
1,2-Dibromoethane	mg/kg	0.0518	0.0472	9.27	20	104	WG377014
1,2-Dichlorobenzene	mg/kg	0.0477	0.0461	3.43	20	95	WG377014
1,2-Dichloroethane	mg/kg	0.0485	0.0460	5.34	20	97	WG377014
1,2-Dichloropropane	mg/kg	0.0483	0.0453	6.31	20	97	WG377014
1,3,5-Trimethylbenzene	mg/kg	0.0443	0.0409	7.83	20	89	WG377014
1,3-Dichlorobenzene	mg/kg	0.0521	0.0488	6.56	20	104	WG377014
1,3-Dichloropropane	mg/kg	0.0488	0.0451	7.69	20	98	WG377014
1,4-Dichlorobenzene	mg/kg	0.0473	0.0456	3.66	20	95	WG377014
2,2-Dichloropropane	mg/kg	0.0497	0.0462	7.19	20	99	WG377014
2-Butanone (MEK)	mg/kg	0.235	0.224	4.74	25	94	WG377014
2-Chloroethyl vinyl ether	mg/kg	0.248	0.237	4.33	39	99	WG377014
2-Chlorotoluene	mg/kg	0.0519	0.0478	8.22	20	104	WG377014
4-Chlorotoluene	mg/kg	0.0525	0.0489	7.06	20	105	WG377014
4-Methyl-2-pentanone (MIBK)	mg/kg	0.246	0.237	3.60	23	98	WG377014



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Acetone	mg/kg	0.207	0.200	3.91	25	83	WG377014	
Analyte	Units	LCSD	Res	Ref	Res	RPD	Limit %Rec	Batch
Acrylonitrile	mg/kg	0.243	0.232	4.78	20	97	WG377014	
Benzene	mg/kg	0.0462	0.0432	6.69	20	92	WG377014	
Bromobenzene	mg/kg	0.0509	0.0460	10.2	20	102	WG377014	
Bromodichloromethane	mg/kg	0.0510	0.0480	6.07	20	102	WG377014	
Bromoform	mg/kg	0.0439	0.0410	6.99	20	88	WG377014	
Bromomethane	mg/kg	0.0398	0.0386	3.02	20	80	WG377014	
Carbon tetrachloride	mg/kg	0.0509	0.0477	6.50	20	102	WG377014	
Chlorobenzene	mg/kg	0.0509	0.0459	10.3	20	102	WG377014	
Chlorodibromomethane	mg/kg	0.0537	0.0490	9.10	20	107	WG377014	
Chloroethane	mg/kg	0.0432	0.0431	0.0979	20	86	WG377014	
Chloroform	mg/kg	0.0481	0.0452	6.38	20	96	WG377014	
Chloromethane	mg/kg	0.0488	0.0453	7.59	20	98	WG377014	
cis-1,2-Dichloroethene	mg/kg	0.0494	0.0465	5.93	20	99	WG377014	
cis-1,3-Dichloropropene	mg/kg	0.0506	0.0473	6.63	20	101	WG377014	
Di-isopropyl ether	mg/kg	0.0499	0.0464	7.31	20	100	WG377014	
Dibromomethane	mg/kg	0.0490	0.0462	5.92	20	98	WG377014	
Dichlorodifluoromethane	mg/kg	0.0498	0.0467	6.30	22	100	WG377014	
Ethylbenzene	mg/kg	0.0526	0.0482	8.64	20	105	WG377014	
Hexachloro-1,3-butadiene	mg/kg	0.0495	0.0492	0.648	20	99	WG377014	
Isopropylbenzene	mg/kg	0.0526	0.0480	9.08	20	105	WG377014	
Methyl tert-butyl ether	mg/kg	0.0499	0.0466	6.85	20	100	WG377014	
Methylene Chloride	mg/kg	0.0422	0.0390	8.01	20	84	WG377014	
n-Butylbenzene	mg/kg	0.0537	0.0521	3.01	20	107	WG377014	
n-Propylbenzene	mg/kg	0.0534	0.0488	8.86	20	107	WG377014	
Naphthalene	mg/kg	0.0454	0.0472	3.94	20	91	WG377014	
p-Isopropyltoluene	mg/kg	0.0439	0.0411	6.43	20	88	WG377014	
sec-Butylbenzene	mg/kg	0.0522	0.0477	8.99	20	104	WG377014	
Styrene	mg/kg	0.0435	0.0399	8.63	20	87	WG377014	
tert-Butylbenzene	mg/kg	0.0438	0.0406	7.57	20	88	WG377014	
Tetrachloroethene	mg/kg	0.0513	0.0466	9.56	20	103	WG377014	
Toluene	mg/kg	0.0465	0.0437	6.17	20	93	WG377014	
trans-1,2-Dichloroethene	mg/kg	0.0487	0.0466	4.47	20	97	WG377014	
trans-1,3-Dichloropropene	mg/kg	0.0439	0.0413	5.99	20	88	WG377014	
Trichloroethene	mg/kg	0.0499	0.0470	5.92	20	100	WG377014	
Trichlorofluoromethane	mg/kg	0.0451	0.0428	5.07	20	90	WG377014	
Vinyl chloride	mg/kg	0.0479	0.0464	3.10	20	96	WG377014	
Xylenes, Total	mg/kg	0.139	0.128	8.67	20	93	WG377014	

Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
1,1,1,2-Tetrachloroethane	mg/kg	0.0494	0.00	.05	98.9	29-145	L359027-20	WG376845
1,1,1-Trichloroethane	mg/kg	0.0592	0.00	.05	118.	23-147	L359027-20	WG376845
1,1,2,2-Tetrachloroethane	mg/kg	0.0467	0.00	.05	93.4	18-150	L359027-20	WG376845
1,1,2-Trichloroethane	mg/kg	0.0498	0.00	.05	99.7	35-140	L359027-20	WG376845
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0503	0.00	.05	101.	10-145	L359027-20	WG376845
1,1-Dichloroethane	mg/kg	0.0576	0.00	.05	115.	24-148	L359027-20	WG376845
1,1-Dichloroethene	mg/kg	0.0515	0.00	.05	103.	10-149	L359027-20	WG376845
1,1-Dichloropropene	mg/kg	0.0494	0.00	.05	98.8	10-141	L359027-20	WG376845
1,2,3-Trichlorobenzene	mg/kg	0.0343	0.00	.05	68.5	10-129	L359027-20	WG376845
1,2,3-Trichloropropane	mg/kg	0.0498	0.00	.05	99.6	30-148	L359027-20	WG376845
1,2,3-Trimethylbenzene	mg/kg	0.0422	0.00	.05	84.4	10-137	L359027-20	WG376845
1,2,4-Trichlorobenzene	mg/kg	0.0361	0.00	.05	72.1	10-119	L359027-20	WG376845
1,2,4-Trimethylbenzene	mg/kg	0.0443	0.00	.05	88.6	10-145	L359027-20	WG376845
1,2-Dibromo-3-Chloropropane	mg/kg	0.0394	0.00	.05	78.8	19-145	L359027-20	WG376845
1,2-Dibromoethane	mg/kg	0.0470	0.00	.05	93.9	24-145	L359027-20	WG376845
1,2-Dichlorobenzene	mg/kg	0.0404	0.00	.05	80.8	12-130	L359027-20	WG376845
1,2-Dichloroethane	mg/kg	0.0600	0.00	.05	120.	21-155	L359027-20	WG376845
1,2-Dichloropropane	mg/kg	0.0476	0.00	.05	95.2	28-144	L359027-20	WG376845



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**Quality Assurance Report  
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August 18, 2008

L359036

1,3,5-Trimethylbenzene mg/kg 0.0461 0.00 .05 92.2 10-135 L359027-20 WG376845

Analyte	Units	Matrik Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
1,3-Dichlorobenzene	mg/kg	0.0424	0.00	.05	84.7	10-129	L359027-20	WG376845
1,3-Dichloropropane	mg/kg	0.0460	0.00	.05	91.9	31-137	L359027-20	WG376845
1,4-Dichlorobenzene	mg/kg	0.0380	0.00	.05	76.0	10-121	L359027-20	WG376845
2,2-Dichloropropane	mg/kg	0.0598	0.00	.05	120.	18-144	L359027-20	WG376845
2-Butanone (MEK)	mg/kg	0.273	0.00	.25	109.	21-143	L359027-20	WG376845
2-Chloroethyl vinyl ether	mg/kg	0.242	0.00	.25	97.0	0-176	L359027-20	WG376845
2-Chlorotoluene	mg/kg	0.0458	0.00	.05	91.6	10-132	L359027-20	WG376845
4-Chlorotoluene	mg/kg	0.0444	0.00	.05	88.8	10-129	L359027-20	WG376845
4-Methyl-2-pentanone (MIBK)	mg/kg	0.269	0.00	.25	108.	31-151	L359027-20	WG376845
Acetone	mg/kg	0.294	0.00	.25	117.	13-158	L359027-20	WG376845
Acrylonitrile	mg/kg	0.291	0.00	.25	116.	20-154	L359027-20	WG376845
Benzene	mg/kg	0.0529	0.00	.05	106.	16-143	L359027-20	WG376845
Bromobenzene	mg/kg	0.0443	0.00	.05	88.6	14-135	L359027-20	WG376845
Bromodichloromethane	mg/kg	0.0554	0.00	.05	111.	27-139	L359027-20	WG376845
Bromoform	mg/kg	0.0479	0.00	.05	95.8	21-144	L359027-20	WG376845
Bromomethane	mg/kg	0.0528	0.00	.05	106.	0-180	L359027-20	WG376845
Carbon tetrachloride	mg/kg	0.0577	0.00	.05	115.	12-149	L359027-20	WG376845
Chlorobenzene	mg/kg	0.0457	0.00	.05	91.5	17-134	L359027-20	WG376845
Chlorodibromomethane	mg/kg	0.0536	0.00	.05	107.	28-147	L359027-20	WG376845
Chloroethane	mg/kg	0.0569	0.00	.05	114.	0-172	L359027-20	WG376845
Chloroform	mg/kg	0.0610	0.00	.05	122.	28-138	L359027-20	WG376845
Chloromethane	mg/kg	0.0458	0.00	.05	91.6	10-158	L359027-20	WG376845
cis-1,2-Dichloroethene	mg/kg	0.0589	0.00	.05	118.	21-147	L359027-20	WG376845
cis-1,3-Dichloropropene	mg/kg	0.0522	0.00	.05	104.	17-145	L359027-20	WG376845
Di-isopropyl ether	mg/kg	0.0607	0.00	.05	121.	31-153	L359027-20	WG376845
Dibromomethane	mg/kg	0.0498	0.00	.05	99.5	24-147	L359027-20	WG376845
Dichlorodifluoromethane	mg/kg	0.0432	0.00	.05	86.3	0-192	L359027-20	WG376845
Ethylbenzene	mg/kg	0.0454	0.00	.05	90.8	12-137	L359027-20	WG376845
Hexachloro-1,3-butadiene	mg/kg	0.0389	0.00	.05	77.9	10-123	L359027-20	WG376845
Isopropylbenzene	mg/kg	0.0466	0.00	.05	93.3	14-134	L359027-20	WG376845
Methyl tert-butyl ether	mg/kg	0.0637	0.00	.05	127.	21-157	L359027-20	WG376845
Methylene Chloride	mg/kg	0.0524	0.00	.05	105.	12-149	L359027-20	WG376845
n-Butylbenzene	mg/kg	0.0368	0.00	.05	73.5	10-130	L359027-20	WG376845
n-Propylbenzene	mg/kg	0.0432	0.00	.05	86.3	10-130	L359027-20	WG376845
Naphthalene	mg/kg	0.0364	0.00	.05	72.9	0-146	L359027-20	WG376845
p-Isopropyltoluene	mg/kg	0.0434	0.00	.05	86.7	10-131	L359027-20	WG376845
sec-Butylbenzene	mg/kg	0.0441	0.00	.05	88.2	10-134	L359027-20	WG376845
Styrene	mg/kg	0.0477	0.00	.05	95.4	10-140	L359027-20	WG376845
tert-Butylbenzene	mg/kg	0.0459	0.00	.05	91.9	11-137	L359027-20	WG376845
Tetrachloroethene	mg/kg	0.0396	0.00	.05	79.3	10-131	L359027-20	WG376845
Toluene	mg/kg	0.0459	0.00	.05	91.8	12-136	L359027-20	WG376845
trans-1,2-Dichloroethene	mg/kg	0.0517	0.00	.05	103.	10-143	L359027-20	WG376845
trans-1,3-Dichloropropene	mg/kg	0.0518	0.00	.05	104.	16-147	L359027-20	WG376845
Trichloroethene	mg/kg	0.0483	0.00	.05	96.6	10-155	L359027-20	WG376845
Trichlorofluoromethane	mg/kg	0.0567	0.00	.05	113.	10-154	L359027-20	WG376845
Vinyl chloride	mg/kg	0.0482	0.00	.05	96.3	10-159	L359027-20	WG376845
Xylenes, Total	mg/kg	0.134	0.00	.15	89.4	10-138	L359027-20	WG376845
1,2,4-Trichlorobenzene	ppm	0.236	0.00	.333	70.9	37-104	L359027-20	WG376896
2,4,6-Trichlorophenol	ppm	0.289	0.00	.333	86.7	27-128	L359027-20	WG376896
2,4-Dichlorophenol	ppm	0.264	0.00	.333	79.3	39-116	L359027-20	WG376896
2,4-Dimethylphenol	ppm	0.366	0.00	.333	110.	50-119	L359027-20	WG376896
2,4-Dinitrophenol	ppm	0.278	0.00	.333	83.5	10-123	L359027-20	WG376896
2,4-Dinitrotoluene	ppm	0.266	0.00	.333	80.0	52-121	L359027-20	WG376896
2,6-Dinitrotoluene	ppm	0.267	0.00	.333	80.2	53-114	L359027-20	WG376896
2-Chloronaphthalene	ppm	0.258	0.00	.333	77.3	52-101	L359027-20	WG376896
2-Chlorophenol	ppm	0.237	0.00	.333	71.1	41-112	L359027-20	WG376896
2-Nitrophenol	ppm	0.271	0.00	.333	81.4	23-117	L359027-20	WG376896
3,3-Dichlorobenzidine	ppm	0.211	0.00	.333	63.5	10-133	L359027-20	WG376896



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(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

SiTech Consulting, PC.  
Mr. Simon List  
9000 Breeland Way

**Quality Assurance Report  
Level II**

Raleigh, NC 27613

August 18, 2008

L359036

4,6-Dinitro-2-methylphenol ppm 0.289 0.00 .333 86.9 10-124 L359027-20 WG376896

Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
4-Bromophenyl-phenylether	ppm	0.279	0.00	.333	83.9	37-103	L359027-20	WG376896
4-Chloro-3-methylphenol	ppm	0.260	0.00	.333	78.1	52-119	L359027-20	WG376896
4-Chlorophenyl-phenylether	ppm	0.282	0.00	.333	84.7	53-105	L359027-20	WG376896
4-Nitrophenol	ppm	0.267	0.00	.333	80.3	15-140	L359027-20	WG376896
Acenaphthene	ppm	0.258	0.00	.333	77.4	52-102	L359027-20	WG376896
Acenaphthylene	ppm	0.263	0.00	.333	78.9	54-103	L359027-20	WG376896
Anthracene	ppm	0.278	0.00	.333	83.3	55-114	L359027-20	WG376896
Benzidine	ppm	0.0006	0.00	.333	0.1	0-45	L359027-20	WG376896
Benzo(a)anthracene	ppm	0.262	0.00	.333	78.6	37-124	L359027-20	WG376896
Benzo(a)pyrene	ppm	0.275	0.00	.333	82.6	44-129	L359027-20	WG376896
Benzo(b)fluoranthene	ppm	0.185	0.00	.333	55.6	28-135	L359027-20	WG376896
Benzo(g,h,i)perylene	ppm	0.191	0.00	.333	57.5	25-123	L359027-20	WG376896
Benzo(k)fluoranthene	ppm	0.164	0.00	.333	49.1	41-116	L359027-20	WG376896
Benzylbutyl phthalate	ppm	0.285	0.00	.333	85.4	45-143	L359027-20	WG376896
Bis(2-chlorethoxy)methane	ppm	0.289	0.00	.333	86.9	48-108	L359027-20	WG376896
Bis(2-chloroethyl) ether	ppm	0.242	0.00	.333	72.7	36-115	L359027-20	WG376896
Bis(2-chloroisopropyl) ether	ppm	0.270	0.00	.333	81.1	44-109	L359027-20	WG376896
Bis(2-ethylhexyl) phthalate	ppm	0.278	0.00	.333	83.5	40-128	L359027-20	WG376896
Chrysene	ppm	0.267	0.00	.333	80.1	39-119	L359027-20	WG376896
Di-n-butyl phthalate	ppm	0.299	0.00	.333	89.6	49-121	L359027-20	WG376896
Di-n-octyl phthalate	ppm	0.279	0.00	.333	83.9	40-132	L359027-20	WG376896
Dibenz(a,h)anthracene	ppm	0.193	0.00	.333	58.1	29-123	L359027-20	WG376896
Diethyl phthalate	ppm	0.286	0.00	.333	85.8	51-113	L359027-20	WG376896
Dimethyl phthalate	ppm	0.295	0.00	.333	88.7	54-108	L359027-20	WG376896
Fluoranthene	ppm	0.267	0.00	.333	80.1	23-143	L359027-20	WG376896
Fluorene	ppm	0.259	0.00	.333	77.7	53-107	L359027-20	WG376896
Hexachloro-1,3-butadiene	ppm	0.266	0.00	.333	79.9	39-113	L359027-20	WG376896
Hexachlorobenzene	ppm	0.279	0.00	.333	83.9	49-108	L359027-20	WG376896
Hexachlorocyclopentadiene	ppm	0.213	0.00	.333	64.0	10-131	L359027-20	WG376896
Hexachloroethane	ppm	0.226	0.00	.333	67.8	25-118	L359027-20	WG376896
Indeno(1,2,3-cd)pyrene	ppm	0.190	0.00	.333	57.1	28-125	L359027-20	WG376896
Isophorone	ppm	0.246	0.00	.333	73.9	51-115	L359027-20	WG376896
n-Nitrosodi-n-propylamine	ppm	0.303	0.00	.333	91.0	54-110	L359027-20	WG376896
n-Nitrosodimethylamine	ppm	0.234	0.00	.333	70.2	20-116	L359027-20	WG376896
n-Nitrosodiphenylamine	ppm	0.312	0.00	.333	93.7	54-138	L359027-20	WG376896
Naphthalene	ppm	0.235	0.00	.333	70.5	41-100	L359027-20	WG376896
Nitrobenzene	ppm	0.239	0.00	.333	71.6	40-102	L359027-20	WG376896
Pentachlorophenol	ppm	0.303	0.00	.333	91.1	10-146	L359027-20	WG376896
Phenanthrene	ppm	0.264	0.00	.333	79.4	37-125	L359027-20	WG376896
Phenol	ppm	0.283	0.00	.333	85.0	52-111	L359027-20	WG376896
Pyrene	ppm	0.253	0.00	.333	75.9	22-151	L359027-20	WG376896
C5-C8 Aliphatics	mg/kg	33.2	0.00	.75	108.	70-130	L359036-01	WG376919
C9-C10 Aromatics	mg/kg	7.22	0.00	.1	176.	70-130	L359036-01	WG376919
C9-C12 Aliphatics	mg/kg	27.9	0.00	.55	124.	70-130	L359036-01	WG376919
Volatile Petroleum Hydrocarbons	mg/kg	53.9	0.00	.05	2630	70-130	L359036-01	WG376919
1,1,1,2-Tetrachloroethane	mg/kg	0.228	0.00	.05	91.3	29-145	L359201-21	WG377014
1,1,1-Trichloroethane	mg/kg	0.210	0.00	.05	84.0	23-147	L359201-21	WG377014
1,1,2,2-Tetrachloroethane	mg/kg	0.0871	0.00	.05	34.8	18-150	L359201-21	WG377014
1,1,2-Trichloroethane	mg/kg	0.227	0.00	.05	90.7	35-140	L359201-21	WG377014
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.199	0.00	.05	79.4	10-145	L359201-21	WG377014
1,1-Dichloroethane	mg/kg	0.206	0.00	.05	82.2	24-148	L359201-21	WG377014
1,1-Dichloroethene	mg/kg	0.200	0.00	.05	79.9	10-149	L359201-21	WG377014
1,1-Dichloropropene	mg/kg	0.195	0.00	.05	77.9	10-141	L359201-21	WG377014
1,2,3-Trichlorobenzene	mg/kg	0.206	0.00	.05	82.6	10-129	L359201-21	WG377014
1,2,3-Trichloropropane	mg/kg	0.212	0.00	.05	84.7	30-148	L359201-21	WG377014
1,2,3-Trimethylbenzene	mg/kg	0.205	0.00	.05	82.1	10-137	L359201-21	WG377014
1,2,4-Trichlorobenzene	mg/kg	0.197	0.00	.05	78.6	10-119	L359201-21	WG377014



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**Quality Assurance Report  
Level II**

August 18, 2008

L359036

1,2,4-Trimethylbenzene mg/kg 0.183 0.00 .05 73.1 10-145 L359201-21 WG377014

Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
1,2-Dibromo-3-Chloropropane	mg/kg	0.251	0.00	.05	100.	19-145	L359201-21	WG377014
1,2-Dibromoethane	mg/kg	0.228	0.00	.05	91.2	24-145	L359201-21	WG377014
1,2-Dichlorobenzene	mg/kg	0.207	0.00	.05	82.7	12-130	L359201-21	WG377014
1,2-Dichloroethane	mg/kg	0.217	0.00	.05	86.8	21-155	L359201-21	WG377014
1,2-Dichloropropane	mg/kg	0.213	0.00	.05	85.2	28-144	L359201-21	WG377014
1,3,5-Trimethylbenzene	mg/kg	0.181	0.00	.05	72.3	10-135	L359201-21	WG377014
1,3-Dichlorobenzene	mg/kg	0.216	0.00	.05	86.3	10-129	L359201-21	WG377014
1,3-Dichloropropane	mg/kg	0.217	0.00	.05	86.6	31-137	L359201-21	WG377014
1,4-Dichlorobenzene	mg/kg	0.198	0.00	.05	79.3	10-121	L359201-21	WG377014
2,2-Dichloropropane	mg/kg	0.213	0.00	.05	85.1	18-144	L359201-21	WG377014
2-Butanone (MEK)	mg/kg	1.20	0.00	.25	96.3	21-143	L359201-21	WG377014
2-Chloroethyl vinyl ether	mg/kg	1.17	0.00	.25	93.3	0-176	L359201-21	WG377014
2-Chlorotoluene	mg/kg	0.213	0.00	.05	85.3	10-132	L359201-21	WG377014
4-Chlorotoluene	mg/kg	0.218	0.00	.05	87.2	10-129	L359201-21	WG377014
4-Methyl-2-pentanone (MIBK)	mg/kg	1.26	0.00	.25	101.	31-151	L359201-21	WG377014
Acetone	mg/kg	1.11	0.00	.25	88.8	13-158	L359201-21	WG377014
Acrylonitrile	mg/kg	1.23	0.00	.25	98.1	20-154	L359201-21	WG377014
Benzene	mg/kg	0.193	0.00	.05	77.3	16-143	L359201-21	WG377014
Bromobenzene	mg/kg	0.213	0.00	.05	85.2	14-135	L359201-21	WG377014
Bromodichloromethane	mg/kg	0.226	0.00	.05	90.5	27-139	L359201-21	WG377014
Bromoform	mg/kg	0.206	0.00	.05	82.4	21-144	L359201-21	WG377014
Bromomethane	mg/kg	0.161	0.00	.05	64.5	0-180	L359201-21	WG377014
Carbon tetrachloride	mg/kg	0.212	0.00	.05	84.8	12-149	L359201-21	WG377014
Chlorobenzene	mg/kg	0.209	0.00	.05	83.8	17-134	L359201-21	WG377014
Chlorodibromomethane	mg/kg	0.238	0.00	.05	95.4	28-147	L359201-21	WG377014
Chloroethane	mg/kg	0.165	0.00	.05	66.1	0-172	L359201-21	WG377014
Chloroform	mg/kg	0.210	0.00	.05	83.8	28-138	L359201-21	WG377014
Chloromethane	mg/kg	0.180	0.00	.05	72.2	10-158	L359201-21	WG377014
cis-1,2-Dichloroethene	mg/kg	0.207	0.00	.05	82.6	21-147	L359201-21	WG377014
cis-1,3-Dichloropropene	mg/kg	0.221	0.00	.05	88.4	17-145	L359201-21	WG377014
Di-isopropyl ether	mg/kg	0.222	0.00	.05	88.9	31-153	L359201-21	WG377014
Dibromomethane	mg/kg	0.220	0.00	.05	88.2	24-147	L359201-21	WG377014
Dichlorodifluoromethane	mg/kg	0.176	0.00	.05	70.5	0-192	L359201-21	WG377014
Ethylbenzene	mg/kg	0.209	0.00	.05	83.8	12-137	L359201-21	WG377014
Hexachloro-1,3-butadiene	mg/kg	0.175	0.00	.05	70.2	10-123	L359201-21	WG377014
Isopropylbenzene	mg/kg	0.211	0.00	.05	84.2	14-134	L359201-21	WG377014
Methyl tert-butyl ether	mg/kg	0.237	0.00	.05	94.7	21-157	L359201-21	WG377014
Methylene Chloride	mg/kg	0.179	0.00	.05	71.5	12-149	L359201-21	WG377014
n-Butylbenzene	mg/kg	0.204	0.00	.05	81.7	10-130	L359201-21	WG377014
n-Propylbenzene	mg/kg	0.208	0.00	.05	83.1	10-130	L359201-21	WG377014
Naphthalene	mg/kg	0.222	0.00	.05	88.7	0-146	L359201-21	WG377014
p-Isopropyltoluene	mg/kg	0.172	0.00	.05	69.0	10-131	L359201-21	WG377014
sec-Butylbenzene	mg/kg	0.201	0.00	.05	80.5	10-134	L359201-21	WG377014
Styrene	mg/kg	0.181	0.00	.05	72.6	10-140	L359201-21	WG377014
tert-Butylbenzene	mg/kg	0.178	0.00	.05	71.0	11-137	L359201-21	WG377014
Tetrachloroethene	mg/kg	0.201	0.00	.05	80.5	10-131	L359201-21	WG377014
Toluene	mg/kg	0.193	0.00	.05	77.2	12-136	L359201-21	WG377014
trans-1,2-Dichloroethene	mg/kg	0.196	0.00	.05	78.2	10-143	L359201-21	WG377014
trans-1,3-Dichloropropene	mg/kg	0.196	0.00	.05	78.3	16-147	L359201-21	WG377014
Trichloroethene	mg/kg	0.348	0.00	.05	139.	10-155	L359201-21	WG377014
Trichlorofluoromethane	mg/kg	0.175	0.00	.05	70.0	10-154	L359201-21	WG377014
Vinyl chloride	mg/kg	0.184	0.00	.05	73.7	10-159	L359201-21	WG377014
Xylenes, Total	mg/kg	0.565	0.00	.15	75.4	10-138	L359201-21	WG377014

Analyte	Units	Matrix Spike Duplicate			Limit	%Rec	Ref Samp	Batch
		MSD Res	Ref Res	RPD				
1,1,1,2-Tetrachloroethane	mg/kg	0.0535	0.0494	7.97	31	107.	L359027-20	WG376845
1,1,1-Trichloroethane	mg/kg	0.0597	0.0592	0.901	32	119.	L359027-20	WG376845



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**Quality Assurance Report  
Level II**

August 18, 2008

L359036

1,1,2,2-Tetrachloroethane mg/kg 0.0510 0.0467 8.74 33 102. L359027-20 WG376845

Analyte	Units	Matrix Spike Duplicate		RPD	Limit	%Rec	Ref Samp	Batch
		MSD Res	Ref Res					
1,1,2-Trichloroethane	mg/kg	0.0519	0.0498	3.98	29	104.	L359027-20	WG376845
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0507	0.0503	0.752	35	101.	L359027-20	WG376845
1,1-Dichloroethane	mg/kg	0.0556	0.0576	3.48	31	111.	L359027-20	WG376845
1,1-Dichloroethene	mg/kg	0.0505	0.0515	1.98	34	101.	L359027-20	WG376845
1,1-Dichloropropene	mg/kg	0.0508	0.0494	2.87	34	102.	L359027-20	WG376845
1,2,3-Trichlorobenzene	mg/kg	0.0384	0.0343	11.3	43	76.7	L359027-20	WG376845
1,2,3-Trichloropropane	mg/kg	0.0577	0.0498	14.7	32	115.	L359027-20	WG376845
1,2,3-Trimethylbenzene	mg/kg	0.0407	0.0422	3.64	36	81.4	L359027-20	WG376845
1,2,4-Trichlorobenzene	mg/kg	0.0363	0.0361	0.748	44	72.7	L359027-20	WG376845
1,2,4-Trimethylbenzene	mg/kg	0.0484	0.0443	8.84	41	96.8	L359027-20	WG376845
1,2-Dibromo-3-Chloropropane	mg/kg	0.0389	0.0394	1.21	35	77.8	L359027-20	WG376845
1,2-Dibromoethane	mg/kg	0.0497	0.0470	5.74	31	99.5	L359027-20	WG376845
1,2-Dichlorobenzene	mg/kg	0.0406	0.0404	0.414	35	81.2	L359027-20	WG376845
1,2-Dichloroethane	mg/kg	0.0573	0.0600	4.68	29	115.	L359027-20	WG376845
1,2-Dichloropropane	mg/kg	0.0480	0.0476	0.817	30	96.0	L359027-20	WG376845
1,3,5-Trimethylbenzene	mg/kg	0.0509	0.0461	9.82	39	102.	L359027-20	WG376845
1,3-Dichlorobenzene	mg/kg	0.0459	0.0424	8.00	38	91.8	L359027-20	WG376845
1,3-Dichloropropane	mg/kg	0.0486	0.0460	5.60	29	97.2	L359027-20	WG376845
1,4-Dichlorobenzene	mg/kg	0.0383	0.0380	0.760	36	76.5	L359027-20	WG376845
2,2-Dichloropropane	mg/kg	0.0626	0.0598	4.57	32	125.	L359027-20	WG376845
2-Butanone (MEK)	mg/kg	0.253	0.273	7.65	37	101.	L359027-20	WG376845
2-Chloroethyl vinyl ether	mg/kg	0.247	0.242	2.04	50	99.0	L359027-20	WG376845
2-Chlorotoluene	mg/kg	0.0501	0.0458	9.06	37	100.	L359027-20	WG376845
4-Chlorotoluene	mg/kg	0.0480	0.0444	7.86	38	96.1	L359027-20	WG376845
4-Methyl-2-pentanone (MIBK)	mg/kg	0.239	0.269	11.8	36	95.6	L359027-20	WG376845
Acetone	mg/kg	0.256	0.294	13.7	34	102.	L359027-20	WG376845
Acrylonitrile	mg/kg	0.255	0.291	13.4	35	102.	L359027-20	WG376845
Benzene	mg/kg	0.0520	0.0529	1.74	31	104.	L359027-20	WG376845
Bromobenzene	mg/kg	0.0490	0.0443	10.1	39	98.0	L359027-20	WG376845
Bromodichloromethane	mg/kg	0.0536	0.0554	3.36	30	107.	L359027-20	WG376845
Bromoform	mg/kg	0.0507	0.0479	5.64	34	101.	L359027-20	WG376845
Bromomethane	mg/kg	0.0542	0.0528	2.61	41	108.	L359027-20	WG376845
Carbon tetrachloride	mg/kg	0.0581	0.0577	0.676	34	116.	L359027-20	WG376845
Chlorobenzene	mg/kg	0.0501	0.0457	9.08	34	100.	L359027-20	WG376845
Chlorodibromomethane	mg/kg	0.0537	0.0536	0.211	32	107.	L359027-20	WG376845
Chloroethane	mg/kg	0.0593	0.0569	4.13	38	119.	L359027-20	WG376845
Chloroform	mg/kg	0.0591	0.0610	3.25	30	118.	L359027-20	WG376845
Chloromethane	mg/kg	0.0437	0.0458	4.74	35	87.3	L359027-20	WG376845
cis-1,2-Dichloroethene	mg/kg	0.0575	0.0589	2.34	31	115.	L359027-20	WG376845
cis-1,3-Dichloropropene	mg/kg	0.0491	0.0522	6.10	32	98.2	L359027-20	WG376845
Di-isopropyl ether	mg/kg	0.0567	0.0607	6.84	29	113.	L359027-20	WG376845
Dibromomethane	mg/kg	0.0483	0.0498	3.04	30	96.5	L359027-20	WG376845
Dichlorodifluoromethane	mg/kg	0.0434	0.0432	0.521	38	86.8	L359027-20	WG376845
Ethylbenzene	mg/kg	0.0483	0.0454	6.21	36	96.7	L359027-20	WG376845
Hexachloro-1,3-butadiene	mg/kg	0.0399	0.0389	2.49	50	79.9	L359027-20	WG376845
Isopropylbenzene	mg/kg	0.0518	0.0466	10.6	37	104.	L359027-20	WG376845
Methyl tert-butyl ether	mg/kg	0.0563	0.0637	12.4	31	113.	L359027-20	WG376845
Methylene Chloride	mg/kg	0.0481	0.0524	8.73	31	96.1	L359027-20	WG376845
n-Butylbenzene	mg/kg	0.0364	0.0368	1.02	48	72.8	L359027-20	WG376845
n-Propylbenzene	mg/kg	0.0485	0.0432	11.7	40	97.1	L359027-20	WG376845
Naphthalene	mg/kg	0.0399	0.0364	9.16	43	79.9	L359027-20	WG376845
p-Isopropyltoluene	mg/kg	0.0486	0.0434	11.3	43	97.1	L359027-20	WG376845
sec-Butylbenzene	mg/kg	0.0495	0.0441	11.5	43	98.9	L359027-20	WG376845
Styrene	mg/kg	0.0509	0.0477	6.48	35	102.	L359027-20	WG376845
tert-Butylbenzene	mg/kg	0.0520	0.0459	12.5	39	104.	L359027-20	WG376845
Tetrachloroethene	mg/kg	0.0445	0.0396	11.6	35	89.1	L359027-20	WG376845
Toluene	mg/kg	0.0439	0.0459	4.58	32	87.7	L359027-20	WG376845
trans-1,2-Dichloroethene	mg/kg	0.0505	0.0517	2.35	33	101.	L359027-20	WG376845
trans-1,3-Dichloropropene	mg/kg	0.0485	0.0518	6.61	32	97.0	L359027-20	WG376845



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9000 Breeland Way

**Quality Assurance Report  
Level II**

Raleigh, NC 27613

August 18, 2008

L359036

Analyte	Units	MSD	Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Trichloroethene	mg/kg	0.0509	0.0483	5.25	33	102.		L359027-20	WG376845
Trichlorofluoromethane	mg/kg	0.0572	0.0567	0.864	32	114.		L359027-20	WG376845
Vinyl chloride	mg/kg	0.0485	0.0482	0.752	36	97.0		L359027-20	WG376845
Xylenes, Total	mg/kg	0.145	0.134	7.96	36	96.8		L359027-20	WG376845
1,2,4-Trichlorobenzene	ppm	0.181	0.236	26.2	26	54.5		L359027-20	WG376896
2,4,6-Trichlorophenol	ppm	0.267	0.289	7.64	31	80.3		L359027-20	WG376896
2,4-Dichlorophenol	ppm	0.239	0.264	10.2	23	71.6		L359027-20	WG376896
2,4-Dimethylphenol	ppm	0.323	0.366	12.3	27	97.1		L359027-20	WG376896
2,4-Dinitrophenol	ppm	0.289	0.278	3.79	42	86.7		L359027-20	WG376896
2,4-Dinitrotoluene	ppm	0.253	0.266	5.03	23	76.0		L359027-20	WG376896
2,6-Dinitrotoluene	ppm	0.251	0.267	6.34	22	75.3		L359027-20	WG376896
2-Chloronaphthalene	ppm	0.233	0.258	10.1	20	69.9		L359027-20	WG376896
2-Chlorophenol	ppm	0.186	0.237	24.0	27	55.9		L359027-20	WG376896
2-Nitrophenol	ppm	0.220	0.271	20.7	31	66.1		L359027-20	WG376896
3,3-Dichlorobenzidine	ppm	0.203	0.211	4.15	41	60.9		L359027-20	WG376896
4,6-Dinitro-2-methylphenol	ppm	0.285	0.289	1.64	38	85.5		L359027-20	WG376896
4-Bromophenyl-phenylether	ppm	0.259	0.279	7.42	23	77.9		L359027-20	WG376896
4-Chloro-3-methylphenol	ppm	0.245	0.260	6.05	24	73.5		L359027-20	WG376896
4-Chlorophenyl-phenylether	ppm	0.266	0.282	5.77	20	80.0		L359027-20	WG376896
4-Nitrophenol	ppm	0.256	0.267	4.13	40	77.0		L359027-20	WG376896
Acenaphthene	ppm	0.236	0.258	8.82	23	70.9		L359027-20	WG376896
Acenaphthylene	ppm	0.243	0.263	7.90	22	72.9		L359027-20	WG376896
Anthracene	ppm	0.255	0.278	8.42	21	76.6		L359027-20	WG376896
Benzidine	ppm	0.0004	0.0006	28.1	50	0.147		L359027-20	WG376896
Benzo(a)anthracene	ppm	0.245	0.262	6.57	33	73.6		L359027-20	WG376896
Benzo(a)pyrene	ppm	0.254	0.275	8.09	27	76.1		L359027-20	WG376896
Benzo(b)fluoranthene	ppm	0.174	0.185	6.22	33	52.2		L359027-20	WG376896
Benzo(g,h,i)perylene	ppm	0.178	0.191	7.37	35	53.4		L359027-20	WG376896
Benzo(k)fluoranthene	ppm	0.145	0.164	12.3	34	43.5		L359027-20	WG376896
Benzylbutyl phthalate	ppm	0.287	0.285	0.885	39	86.2		L359027-20	WG376896
Bis(2-chloroethoxy)methane	ppm	0.251	0.289	14.3	23	75.3		L359027-20	WG376896
Bis(2-chloroethyl) ether	ppm	0.181	0.242	29.1	30	54.2		L359027-20	WG376896
Bis(2-chloroisopropyl) ether	ppm	0.209	0.270	25.5	27	62.8		L359027-20	WG376896
Bis(2-ethylhexyl) phthalate	ppm	0.282	0.278	1.52	34	84.8		L359027-20	WG376896
Chrysene	ppm	0.242	0.267	9.54	31	72.8		L359027-20	WG376896
Di-n-butyl phthalate	ppm	0.281	0.299	6.16	22	84.3		L359027-20	WG376896
Di-n-octyl phthalate	ppm	0.271	0.279	3.12	27	81.3		L359027-20	WG376896
Dibenz(a,h)anthracene	ppm	0.177	0.193	8.87	30	53.2		L359027-20	WG376896
Diethyl phthalate	ppm	0.268	0.286	6.33	21	80.6		L359027-20	WG376896
Dimethyl phthalate	ppm	0.278	0.295	6.09	23	83.5		L359027-20	WG376896
Fluoranthene	ppm	0.246	0.267	7.92	29	74.0		L359027-20	WG376896
Fluorene	ppm	0.243	0.259	6.39	22	72.9		L359027-20	WG376896
Hexachloro-1,3-butadiene	ppm	0.199	0.266	29.0	26	59.7		L359027-20	WG376896
Hexachlorobenzene	ppm	0.257	0.279	8.36	27	77.2		L359027-20	WG376896
Hexachlorocyclopentadiene	ppm	0.177	0.213	18.7	39	53.1		L359027-20	WG376896
Hexachloroethane	ppm	0.147	0.226	42.0	35	44.3		L359027-20	WG376896
Indeno(1,2,3-cd)pyrene	ppm	0.178	0.190	6.45	32	53.6		L359027-20	WG376896
Isophorone	ppm	0.215	0.246	13.4	22	64.6		L359027-20	WG376896
n-Nitrosodi-n-propylamine	ppm	0.272	0.303	10.7	23	81.8		L359027-20	WG376896
n-Nitrosodimethylamine	ppm	0.172	0.234	30.3	38	51.7		L359027-20	WG376896
n-Nitrosodiphenylamine	ppm	0.288	0.312	7.97	26	86.5		L359027-20	WG376896
Naphthalene	ppm	0.192	0.235	19.9	26	57.7		L359027-20	WG376896
Nitrobenzene	ppm	0.187	0.239	24.1	24	56.2		L359027-20	WG376896
Pentachlorophenol	ppm	0.300	0.303	1.17	35	90.1		L359027-20	WG376896
Phenanthrene	ppm	0.244	0.264	7.88	27	73.3		L359027-20	WG376896
Phenol	ppm	0.237	0.283	17.7	22	71.2		L359027-20	WG376896
Pyrene	ppm	0.246	0.253	2.79	38	73.8		L359027-20	WG376896
C5-C8 Aliphatics	mg/kg	32.9	33.2	0.817	25	107.		L359036-01	WG376919



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**Quality Assurance Report  
Level II**

Raleigh, NC 27613

August 18, 2008

L359036

C9-C10 Aromatics mg/kg 6.77 7.22 6.38 25 165. L359036-01 WG376919

Analyte	Units	Matrix Spike Duplicate		RPD	Limit	%Rec	Ref Samp	Batch
		MSD Res	Ref Res					
C9-C12 Aliphatics	mg/kg	27.0	27.9	3.43	25	120.	L359036-01	WG376919
Volatile Petroleum Hydrocarbons	mg/kg	53.1	53.9	1.43	0	2590	L359036-01	WG376919
1,1,1,2-Tetrachloroethane	mg/kg	0.239	0.228	4.43	31	95.4	L359201-21	WG377014
1,1,1-Trichloroethane	mg/kg	0.223	0.210	6.02	32	89.3	L359201-21	WG377014
1,1,2,2-Tetrachloroethane	mg/kg	0.0291	0.0871	99.8	33	11.7	L359201-21	WG377014
1,1,2-Trichloroethane	mg/kg	0.234	0.227	3.26	29	93.7	L359201-21	WG377014
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.208	0.199	4.85	35	83.4	L359201-21	WG377014
1,1-Dichloroethane	mg/kg	0.215	0.206	4.27	31	85.8	L359201-21	WG377014
1,1-Dichloroethene	mg/kg	0.210	0.200	5.03	34	84.0	L359201-21	WG377014
1,1-Dichloropropane	mg/kg	0.207	0.195	5.84	34	82.6	L359201-21	WG377014
1,2,3-Trichlorobenzene	mg/kg	0.218	0.206	5.65	43	87.4	L359201-21	WG377014
1,2,3-Trichloropropane	mg/kg	0.217	0.212	2.36	32	86.7	L359201-21	WG377014
1,2,3-Trimethylbenzene	mg/kg	0.220	0.205	7.14	36	88.1	L359201-21	WG377014
1,2,4-Trichlorobenzene	mg/kg	0.211	0.197	6.87	44	84.2	L359201-21	WG377014
1,2,4-Trimethylbenzene	mg/kg	0.191	0.183	4.33	41	76.3	L359201-21	WG377014
1,2-Dibromo-3-Chloropropane	mg/kg	0.271	0.251	7.59	35	108.	L359201-21	WG377014
1,2-Dibromoethane	mg/kg	0.236	0.228	3.32	31	94.2	L359201-21	WG377014
1,2-Dichlorobenzene	mg/kg	0.219	0.207	5.68	35	87.5	L359201-21	WG377014
1,2-Dichloroethane	mg/kg	0.227	0.217	4.69	29	90.9	L359201-21	WG377014
1,2-Dichloropropane	mg/kg	0.221	0.213	3.52	30	88.2	L359201-21	WG377014
1,3,5-Trimethylbenzene	mg/kg	0.188	0.181	4.15	39	75.3	L359201-21	WG377014
1,3-Dichlorobenzene	mg/kg	0.223	0.216	3.29	38	89.2	L359201-21	WG377014
1,3-Dichloropropane	mg/kg	0.225	0.217	3.68	29	89.9	L359201-21	WG377014
1,4-Dichlorobenzene	mg/kg	0.212	0.198	6.91	36	85.0	L359201-21	WG377014
2,2-Dichloropropane	mg/kg	0.225	0.213	5.76	32	90.2	L359201-21	WG377014
2-Butanone (MEK)	mg/kg	1.20	1.20	0.430	37	95.8	L359201-21	WG377014
2-Chloroethyl vinyl ether	mg/kg	1.19	1.17	1.61	50	94.8	L359201-21	WG377014
2-Chlorotoluene	mg/kg	0.220	0.213	3.14	37	88.0	L359201-21	WG377014
4-Chlorotoluene	mg/kg	0.226	0.218	3.51	38	90.3	L359201-21	WG377014
4-Methyl-2-pentanone (MIBK)	mg/kg	1.27	1.26	0.867	36	102.	L359201-21	WG377014
Acetone	mg/kg	1.12	1.11	0.644	34	89.3	L359201-21	WG377014
Acrylonitrile	mg/kg	1.24	1.23	1.15	35	99.2	L359201-21	WG377014
Benzene	mg/kg	0.202	0.193	4.32	31	80.7	L359201-21	WG377014
Bromobenzene	mg/kg	0.220	0.213	3.25	39	88.0	L359201-21	WG377014
Bromodichloromethane	mg/kg	0.236	0.226	4.14	30	94.3	L359201-21	WG377014
Bromoform	mg/kg	0.211	0.206	2.60	34	84.6	L359201-21	WG377014
Bromomethane	mg/kg	0.166	0.161	2.77	41	66.3	L359201-21	WG377014
Carbon tetrachloride	mg/kg	0.221	0.212	4.37	34	88.6	L359201-21	WG377014
Chlorobenzene	mg/kg	0.219	0.209	4.42	34	87.6	L359201-21	WG377014
Chlorodibromomethane	mg/kg	0.247	0.238	3.66	32	98.9	L359201-21	WG377014
Chloroethane	mg/kg	0.153	0.165	7.71	38	61.2	L359201-21	WG377014
Chloroform	mg/kg	0.223	0.210	6.10	30	89.1	L359201-21	WG377014
Chloromethane	mg/kg	0.190	0.180	4.98	35	75.9	L359201-21	WG377014
cis-1,2-Dichloroethene	mg/kg	0.218	0.207	5.17	31	87.0	L359201-21	WG377014
cis-1,3-Dichloropropene	mg/kg	0.228	0.221	3.19	32	91.3	L359201-21	WG377014
Di-isopropyl ether	mg/kg	0.235	0.222	5.65	29	94.1	L359201-21	WG377014
Dibromomethane	mg/kg	0.226	0.220	2.58	30	90.5	L359201-21	WG377014
Dichlorodifluoromethane	mg/kg	0.185	0.176	4.84	38	73.9	L359201-21	WG377014
Ethylbenzene	mg/kg	0.221	0.209	5.33	36	88.4	L359201-21	WG377014
Hexachloro-1,3-butadiene	mg/kg	0.200	0.175	12.9	50	79.8	L359201-21	WG377014
Isopropylbenzene	mg/kg	0.223	0.211	5.77	37	89.2	L359201-21	WG377014
Methyl tert-butyl ether	mg/kg	0.246	0.237	3.81	31	98.4	L359201-21	WG377014
Methylene Chloride	mg/kg	0.189	0.179	5.77	31	75.7	L359201-21	WG377014
n-Butylbenzene	mg/kg	0.222	0.204	8.38	48	88.8	L359201-21	WG377014
n-Propylbenzene	mg/kg	0.219	0.208	5.30	40	87.6	L359201-21	WG377014
Naphthalene	mg/kg	0.229	0.222	3.12	43	91.5	L359201-21	WG377014
p-Isopropyltoluene	mg/kg	0.183	0.172	5.73	43	73.1	L359201-21	WG377014
sec-Butylbenzene	mg/kg	0.215	0.201	6.37	43	85.8	L359201-21	WG377014



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Raleigh, NC 27613

**Quality Assurance Report  
Level II  
L359036**

August 18, 2008

Styrene mg/kg 0.190 0.181 4.82 35 76.2 L359201-21 WG377014

Analyte	Units	Matrix Spike Duplicate		RPD	Limit	%Rec	Ref Samp	Batch
		MSD Res	Ref Res					
tert-Butylbenzene	mg/kg	0.188	0.178	5.91	39	75.4	L359201-21	WG377014
Tetrachloroethene	mg/kg	0.210	0.201	4.23	35	84.0	L359201-21	WG377014
Toluene	mg/kg	0.202	0.193	4.35	32	80.6	L359201-21	WG377014
trans-1,2-Dichloroethene	mg/kg	0.202	0.196	3.02	33	80.6	L359201-21	WG377014
trans-1,3-Dichloropropene	mg/kg	0.203	0.196	3.90	32	81.4	L359201-21	WG377014
Trichloroethene	mg/kg	0.399	0.348	13.9	33	160.	L359201-21	WG377014
Trichlorofluoromethane	mg/kg	0.189	0.175	7.69	32	75.6	L359201-21	WG377014
Vinyl chloride	mg/kg	0.190	0.184	2.95	36	75.9	L359201-21	WG377014
Xylenes, Total	mg/kg	0.591	0.565	4.34	36	78.7	L359201-21	WG377014

Batch number /Run number / Sample number cross reference

WG376845: R442285: L359036-03 05  
 WG377014: R443484: L359036-01 02 04  
 WG376896: R446704: L359036-01 02 03 04 05  
 WG376919: R446789: L359036-01 02 03 04 05  
 WG376982: R447284: L359036-01 02 03 04 05  
 WG377401: R447425: L359036-01 02 03 04 05

\* \* Calculations are performed prior to rounding of reported values .



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Quality Assurance Report  
Level II  
L359036

August 18, 2008

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Company Name/Address:

SITECH CONSULTING PC  
9000 Bealwood Way  
Raleigh, NC 27613

Report to: S. R. LIST

Project Description: BADGESTONE STATION

Phone: 919 8700762  
FAX:

Email to: sliste@sitechem.com

City/State Collected

ESC Key:

Collected by: S. R. LIST

Collect by (signature):

Immediately Packed on Ice N  Y

Site/Facility ID#: 1252

[Rush?] ( Lab MUST Be Notified )  
Same Day..... 200%  
Next Day..... 100%  
Two Day..... 50%  
Three Day..... 25%

Date Results Needed:  
Email? \_\_\_ No \_\_\_ Yes  
FAX? \_\_\_ No \_\_\_ Yes

No. of Cntrs

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time
832 Hughes Site 1		Soil	3-6	8/7	
832 Hughes Site 2			5-6		
832 Hughes Site 3			5-6		
832 Hughes Site 4			5-6		
Bottom			14-15.5		

Alternate billing information:

Analysis/Container/Preservative	Get Code	Template/Prelog In	Shipped Via	Remarks/Contaminant	Sample # (lab only)
MR MRB					125-1021-01
8260 / 5006					
8230 + 10 RAKS					

Chain of Custody Page \_\_\_ of \_\_\_

Prepared by:

ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (615) 758-5858

Phone (800) 767-5859

FAX (615) 758-5859

\*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH \_\_\_\_\_ Temp \_\_\_\_\_

Remarks:

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature)	Date: 8/7/08	Time: 1635	Received by: (Signature)	Date: 8/7/08	Time: 1635
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:

Samples returned via:  UPS  FedEx  Courier  SMA

Bottles Received: 23

Date: 8-7-08

Time: 1635

Condition:

Chain of Custody (lab use only)



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Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeland Way

Raleigh, NC 27613

Report Summary

Wednesday September 03, 2008

Report Number: L361688

Samples Received: 08/23/08

Client Project: 1252

Description: 832 Hughes

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

*Terrie Fudge*  
Terrie Fudge, ESC Representative

**Laboratory Certification Numbers**

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487  
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140  
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233  
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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3 Samples Reported: 09/03/08 12:47 Printed: 09/03/08 12:47

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**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeiland Way  
Raleigh, NC 27613

September 03, 2008

Date Received : August 23, 2008  
Description : 900 Hughes  
Sample ID : S1.1 6FT  
Collected By : S. R. List  
Collection Date : 08/22/08 00:00

ESC Sample # : L361688-01

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	78.0		%	2540G	08/29/08	1
Volatile Petroleum Hydrocarbons	BDL	6.0	mg/kg	MADEPV	08/30/08	47
C5-C8 Aliphatics	BDL	6.0	mg/kg	MADEPV	08/30/08	47
C9-C12 Aliphatics	BDL	6.0	mg/kg	MADEPV	08/30/08	47
C9-C10 Aromatics	BDL	6.0	mg/kg	MADEPV	08/30/08	47
Surrogate Recovery						
2,5-Dibromotoluene (FID)	89.9		% Rec.	MADEPV	08/30/08	47
2,5-Dibromotoluene (PID)	85.0		% Rec.	MADEPV	08/30/08	47
Volatile Organics						
Acetone	BDL	0.064	mg/kg	8260B	08/26/08	1
Acrylonitrile	BDL	0.013	mg/kg	8260B	08/26/08	1
Benzene	BDL	0.0013	mg/kg	8260B	08/26/08	1
Bromobenzene	BDL	0.0013	mg/kg	8260B	08/26/08	1
Bromodichloromethane	BDL	0.0013	mg/kg	8260B	08/26/08	1
Bromoform	BDL	0.0013	mg/kg	8260B	08/26/08	1
Bromomethane	BDL	0.0064	mg/kg	8260B	08/26/08	1
n-Butylbenzene	BDL	0.0013	mg/kg	8260B	08/26/08	1
sec-Butylbenzene	BDL	0.0013	mg/kg	8260B	08/26/08	1
tert-Butylbenzene	BDL	0.0013	mg/kg	8260B	08/26/08	1
Carbon tetrachloride	BDL	0.0013	mg/kg	8260B	08/26/08	1
Chlorobenzene	BDL	0.0013	mg/kg	8260B	08/26/08	1
Chlorodibromomethane	BDL	0.0013	mg/kg	8260B	08/26/08	1
Chloroethane	BDL	0.0064	mg/kg	8260B	08/26/08	1
2-Chloroethyl vinyl ether	BDL	0.064	mg/kg	8260B	08/26/08	1
Chloroform	BDL	0.0064	mg/kg	8260B	08/26/08	1
Chloromethane	BDL	0.0013	mg/kg	8260B	08/26/08	1
2-Chlorotoluene	BDL	0.0013	mg/kg	8260B	08/26/08	1
4-Chlorotoluene	BDL	0.0013	mg/kg	8260B	08/26/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0064	mg/kg	8260B	08/26/08	1
1,2-Dibromoethane	BDL	0.0013	mg/kg	8260B	08/26/08	1
Dibromomethane	BDL	0.0013	mg/kg	8260B	08/26/08	1
1,2-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	08/26/08	1
1,3-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	08/26/08	1
1,4-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	08/26/08	1
Dichlorodifluoromethane	BDL	0.0064	mg/kg	8260B	08/26/08	1
1,1-Dichloroethane	BDL	0.0013	mg/kg	8260B	08/26/08	1
1,2-Dichloroethane	BDL	0.0013	mg/kg	8260B	08/26/08	1
1,1-Dichloroethene	BDL	0.0013	mg/kg	8260B	08/26/08	1
cis-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	08/26/08	1
trans-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	08/26/08	1
1,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	08/26/08	1
1,1-Dichloropropene	BDL	0.0013	mg/kg	8260B	08/26/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Tax I.D. 62-0814289

Est. 1970

**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeland Way  
Raleigh, NC 27613

September 03, 2008

Date Received : August 23, 2008  
Description : 900 Hughes

ESC Sample # : L361688-01

Sample ID : S1.1 6FT

Site ID :

Collected By : S. R. List  
Collection Date : 08/22/08 00:00

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.0013	mg/kg	8260B	08/26/08	1
cis-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	08/26/08	1
trans-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	08/26/08	1
2,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	08/26/08	1
Di-isopropyl ether	BDL	0.0013	mg/kg	8260B	08/26/08	1
Ethylbenzene	BDL	0.0013	mg/kg	8260B	08/26/08	1
Hexachloro-1,3-butadiene	BDL	0.0013	mg/kg	8260B	08/26/08	1
Isopropylbenzene	BDL	0.0013	mg/kg	8260B	08/26/08	1
p-Isopropyltoluene	BDL	0.0013	mg/kg	8260B	08/26/08	1
2-Butanone (MEK)	BDL	0.013	mg/kg	8260B	08/26/08	1
Methylene Chloride	BDL	0.0064	mg/kg	8260B	08/26/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.013	mg/kg	8260B	08/26/08	1
Methyl tert-butyl ether	BDL	0.0013	mg/kg	8260B	08/26/08	1
Naphthalene	BDL	0.0064	mg/kg	8260B	08/26/08	1
n-Propylbenzene	BDL	0.0013	mg/kg	8260B	08/26/08	1
Styrene	BDL	0.0013	mg/kg	8260B	08/26/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	08/26/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	08/26/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0013	mg/kg	8260B	08/26/08	1
Tetrachloroethene	BDL	0.0013	mg/kg	8260B	08/26/08	1
Toluene	BDL	0.0064	mg/kg	8260B	08/26/08	1
1,2,3-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	08/26/08	1
1,2,4-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	08/26/08	1
1,1,1-Trichloroethane	BDL	0.0013	mg/kg	8260B	08/26/08	1
1,1,2-Trichloroethane	BDL	0.0013	mg/kg	8260B	08/26/08	1
Trichloroethene	BDL	0.0013	mg/kg	8260B	08/26/08	1
Trichlorofluoromethane	BDL	0.0064	mg/kg	8260B	08/26/08	1
1,2,3-Trichloropropane	BDL	0.0013	mg/kg	8260B	08/26/08	1
1,2,4-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	08/26/08	1
1,2,3-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	08/26/08	1
1,3,5-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	08/26/08	1
Vinyl chloride	BDL	0.0013	mg/kg	8260B	08/26/08	1
Xylenes, Total	BDL	0.0038	mg/kg	8260B	08/26/08	1
<b>Surrogate Recovery</b>						
Toluene-d8	101.		% Rec.	8260B	08/26/08	1
Dibromofluoromethane	98.2		% Rec.	8260B	08/26/08	1
4-Bromofluorobenzene	97.0		% Rec.	8260B	08/26/08	1
<b>Extractable Petroleum Hydrocarb</b>						
C9-C18 Aliphatics	BDL	8.3	mg/kg	MADEPE	08/29/08	1
C19-C36 Aliphatics	BDL	8.3	mg/kg	MADEPE	08/29/08	1
C11-C22 Aromatics	BDL	8.3	mg/kg	MADEPE	08/29/08	1
<b>Surrogate Recovery</b>						
o-Terphenyl	105.		% Rec.	MADEPE	08/29/08	1

Results listed are dry weight basis.

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Est. 1970

REPORT OF ANALYSIS

September 03, 2008

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeleand Way  
Raleigh, NC 27613

Date Received : August 23, 2008  
Description : 900 Hughes  
Sample ID : S1.1 6FT  
Collected By : S. R. List  
Collection Date : 08/22/08 00:00

ESC Sample # : L361688-01

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1-Chloro-octadecane	97.9		% Rec.	MADEPE	08/29/08	1
2-Fluorobiphenyl	85.3		% Rec.	MADEPE	08/29/08	1
2-Bromonaphthanene	35.6		% Rec.	MADEPE	08/29/08	1
<b>Base/Neutral Extractables</b>						
Acenaphthene	BDL	0.42	mg/kg	8270C	08/29/08	1
Acenaphthylene	BDL	0.42	mg/kg	8270C	08/29/08	1
Anthracene	BDL	0.42	mg/kg	8270C	08/29/08	1
Benzidine	BDL	0.42	mg/kg	8270C	08/29/08	1
Benzo (a) anthracene	BDL	0.42	mg/kg	8270C	08/29/08	1
Benzo (b) fluoranthene	BDL	0.42	mg/kg	8270C	08/29/08	1
Benzo (k) fluoranthene	BDL	0.42	mg/kg	8270C	08/29/08	1
Benzo (g, h, i) perylene	BDL	0.42	mg/kg	8270C	08/29/08	1
Benzo (a) pyrene	BDL	0.42	mg/kg	8270C	08/29/08	1
Bis (2-chlorethoxy) methane	BDL	0.42	mg/kg	8270C	08/29/08	1
Bis (2-chloroethyl) ether	BDL	0.42	mg/kg	8270C	08/29/08	1
Bis (2-chloroisopropyl) ether	BDL	0.42	mg/kg	8270C	08/29/08	1
4-Bromophenyl-phenylether	BDL	0.42	mg/kg	8270C	08/29/08	1
2-Chloronaphthalene	BDL	0.42	mg/kg	8270C	08/29/08	1
4-Chlorophenyl-phenylether	BDL	0.42	mg/kg	8270C	08/29/08	1
Chrysene	BDL	0.42	mg/kg	8270C	08/29/08	1
Dibenz (a, h) anthracene	BDL	0.42	mg/kg	8270C	08/29/08	1
3,3-Dichlorobenzidine	BDL	0.42	mg/kg	8270C	08/29/08	1
2,4-Dinitrotoluene	BDL	0.42	mg/kg	8270C	08/29/08	1
2,6-Dinitrotoluene	BDL	0.42	mg/kg	8270C	08/29/08	1
Fluoranthene	BDL	0.42	mg/kg	8270C	08/29/08	1
Fluorene	BDL	0.42	mg/kg	8270C	08/29/08	1
Hexachlorobenzene	BDL	0.42	mg/kg	8270C	08/29/08	1
Hexachloro-1,3-butadiene	BDL	0.42	mg/kg	8270C	08/29/08	1
Hexachlorocyclopentadiene	BDL	0.42	mg/kg	8270C	08/29/08	1
Hexachloroethane	BDL	0.42	mg/kg	8270C	08/29/08	1
Indeno (1,2,3-cd) pyrene	BDL	0.42	mg/kg	8270C	08/29/08	1
Isophorone	BDL	0.42	mg/kg	8270C	08/29/08	1
Naphthalene	BDL	0.42	mg/kg	8270C	08/29/08	1
Nitrobenzene	BDL	0.42	mg/kg	8270C	08/29/08	1
n-Nitrosodimethylamine	BDL	0.42	mg/kg	8270C	08/29/08	1
n-Nitrosodiphenylamine	BDL	0.42	mg/kg	8270C	08/29/08	1
n-Nitrosodi-n-propylamine	BDL	0.42	mg/kg	8270C	08/29/08	1
Phenanthrene	BDL	0.42	mg/kg	8270C	08/29/08	1
Benzylbutyl phthalate	BDL	0.42	mg/kg	8270C	08/29/08	1
Bis (2-ethylhexyl) phthalate	BDL	0.42	mg/kg	8270C	08/29/08	1
Di-n-butyl phthalate	BDL	0.42	mg/kg	8270C	08/29/08	1
Diethyl phthalate	BDL	0.42	mg/kg	8270C	08/29/08	1
Dimethyl phthalate	BDL	0.42	mg/kg	8270C	08/29/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

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**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 BreeLand Way  
Raleigh, NC 27613

September 03, 2008

Date Received : August 23, 2008  
Description : 900 Hughes

ESC Sample # : L361688-01

Sample ID : S1.1 6FT

Site ID :

Collected By : S. R. List  
Collection Date : 08/22/08 00:00

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-n-octyl phthalate	BDL	0.42	mg/kg	8270C	08/29/08	1
Pyrene	BDL	0.42	mg/kg	8270C	08/29/08	1
1,2,4-Trichlorobenzene	BDL	0.42	mg/kg	8270C	08/29/08	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.42	mg/kg	8270C	08/29/08	1
2-Chlorophenol	BDL	0.42	mg/kg	8270C	08/29/08	1
2,4-Dichlorophenol	BDL	0.42	mg/kg	8270C	08/29/08	1
2,4-Dimethylphenol	BDL	0.42	mg/kg	8270C	08/29/08	1
4,6-Dinitro-2-methylphenol	BDL	0.42	mg/kg	8270C	08/29/08	1
2,4-Dinitrophenol	BDL	0.42	mg/kg	8270C	08/29/08	1
2-Nitrophenol	BDL	0.42	mg/kg	8270C	08/29/08	1
4-Nitrophenol	BDL	0.42	mg/kg	8270C	08/29/08	1
Pentachlorophenol	BDL	0.42	mg/kg	8270C	08/29/08	1
Phenol	BDL	0.42	mg/kg	8270C	08/29/08	1
2,4,6-Trichlorophenol	BDL	0.42	mg/kg	8270C	08/29/08	1
Surrogate Recovery						
Nitrobenzene-d5	80.3		% Rec.	8270C	08/29/08	1
2-Fluorobiphenyl	81.4		% Rec.	8270C	08/29/08	1
p-Terphenyl-d14	106.		% Rec.	8270C	08/29/08	1
Phenol-d5	95.5		% Rec.	8270C	08/29/08	1
2-Fluorophenol	94.5		% Rec.	8270C	08/29/08	1
2,4,6-Tribromophenol	80.9		% Rec.	8270C	08/29/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

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Reported: 09/03/08 12:47 Printed: 09/03/08 12:47



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**REPORT OF ANALYSIS**

September 03, 2008

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeland Way  
Raleigh, NC 27613

Date Received : August 23, 2008  
Description : 900 Hughes  
Sample ID : S2.1 6FT  
Collected By : S. R. List  
Collection Date : 08/22/08 00:00

ESC Sample # : L361688-02

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	82.3		%	2540G	08/29/08	1
Volatile Petroleum Hydrocarbons	BDL	5.9	mg/kg	MADEPV	08/30/08	48.5
C5-C8 Aliphatics	BDL	5.9	mg/kg	MADEPV	08/30/08	48.5
C9-C12 Aliphatics	BDL	5.9	mg/kg	MADEPV	08/30/08	48.5
C9-C10 Aromatics	BDL	5.9	mg/kg	MADEPV	08/30/08	48.5
Surrogate Recovery						
2,5-Dibromotoluene (FID)	89.0		% Rec.	MADEPV	08/30/08	48.5
2,5-Dibromotoluene (PID)	84.1		% Rec.	MADEPV	08/30/08	48.5
Volatile Organics						
Acetone	BDL	0.061	mg/kg	8260B	08/26/08	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	08/26/08	1
Benzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
Bromoform	BDL	0.0012	mg/kg	8260B	08/26/08	1
Bromomethane	BDL	0.0061	mg/kg	8260B	08/26/08	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	08/26/08	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
Chloroethane	BDL	0.0061	mg/kg	8260B	08/26/08	1
2-Chloroethyl vinyl ether	BDL	0.061	mg/kg	8260B	08/26/08	1
Chloroform	BDL	0.0061	mg/kg	8260B	08/26/08	1
Chloromethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	08/26/08	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0061	mg/kg	8260B	08/26/08	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Dichlorodifluoromethane	BDL	0.0061	mg/kg	8260B	08/26/08	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	08/26/08	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	08/26/08	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	08/26/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeleand Way  
Raleigh, NC 27613

September 03, 2008

Date Received : August 23, 2008  
Description : 900 Hughes  
Sample ID : S2.1 6FT  
Collected By : S. R. List  
Collection Date : 08/22/08 00:00

ESC Sample # : L361688-02

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	08/26/08	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	08/26/08	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	08/26/08	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	08/26/08	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	08/26/08	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	08/26/08	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	08/26/08	1
Methylene Chloride	BDL	0.0061	mg/kg	8260B	08/26/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	08/26/08	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	08/26/08	1
Naphthalene	BDL	0.0061	mg/kg	8260B	08/26/08	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Styrene	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	08/26/08	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Toluene	BDL	0.0061	mg/kg	8260B	08/26/08	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Trichlorofluoromethane	BDL	0.0061	mg/kg	8260B	08/26/08	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,2,3-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	08/26/08	1
Xylenes, Total	BDL	0.0036	mg/kg	8260B	08/26/08	1
Surrogate Recovery						
Toluene-d8	99.5		% Rec.	8260B	08/26/08	1
Dibromofluoromethane	99.0		% Rec.	8260B	08/26/08	1
4-Bromofluorobenzene	100.		% Rec.	8260B	08/26/08	1
Extractable Petroleum Hydrocarb	10.	7.9	mg/kg	MADEPE	08/29/08	1
C9-C18 Aliphatics	BDL	7.9	mg/kg	MADEPE	08/29/08	1
C19-C36 Aliphatics	10.	7.9	mg/kg	MADEPE	08/29/08	1
C11-C22 Aromatics	BDL	7.9	mg/kg	MADEPE	08/29/08	1
Surrogate Recovery						
o-Terphenyl	102.		% Rec.	MADEPE	08/29/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Tax I.D. 62-0814289

Est. 1970

**REPORT OF ANALYSIS**

September 03, 2008

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breezland Way  
Raleigh, NC 27613

Date Received : August 23, 2008  
Description : 900 Hughes  
Sample ID : S2.1 6FT  
Collected By : S. R. List  
Collection Date : 08/22/08 00:00

ESC Sample # : L361688-02

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1-Chloro-octadecane	88.5		% Rec.	MADEPE	08/29/08	1
2-Fluorobiphenyl	88.4		% Rec.	MADEPE	08/29/08	1
2-Bromonaphthanene	54.1		% Rec.	MADEPE	08/29/08	1
<b>Base/Neutral Extractables</b>						
Acenaphthene	BDL	0.40	mg/kg	8270C	08/29/08	1
Acenaphthylene	BDL	0.40	mg/kg	8270C	08/29/08	1
Anthracene	BDL	0.40	mg/kg	8270C	08/29/08	1
Benzidine	BDL	0.40	mg/kg	8270C	08/29/08	1
Benzo(a)anthracene	BDL	0.40	mg/kg	8270C	08/29/08	1
Benzo(b)fluoranthene	BDL	0.40	mg/kg	8270C	08/29/08	1
Benzo(k)fluoranthene	BDL	0.40	mg/kg	8270C	08/29/08	1
Benzo(g,h,i)perylene	BDL	0.40	mg/kg	8270C	08/29/08	1
Benzo(a)pyrene	BDL	0.40	mg/kg	8270C	08/29/08	1
Bis(2-chlorethoxy)methane	BDL	0.40	mg/kg	8270C	08/29/08	1
Bis(2-chloroethyl)ether	BDL	0.40	mg/kg	8270C	08/29/08	1
Bis(2-chloroisopropyl)ether	BDL	0.40	mg/kg	8270C	08/29/08	1
4-Bromophenyl-phenylether	BDL	0.40	mg/kg	8270C	08/29/08	1
2-Chloronaphthalene	BDL	0.40	mg/kg	8270C	08/29/08	1
4-Chlorophenyl-phenylether	BDL	0.40	mg/kg	8270C	08/29/08	1
Chrysene	BDL	0.40	mg/kg	8270C	08/29/08	1
Dibenz(a,h)anthracene	BDL	0.40	mg/kg	8270C	08/29/08	1
3,3-Dichlorobenzidine	BDL	0.40	mg/kg	8270C	08/29/08	1
2,4-Dinitrotoluene	BDL	0.40	mg/kg	8270C	08/29/08	1
2,6-Dinitrotoluene	BDL	0.40	mg/kg	8270C	08/29/08	1
Fluoranthene	BDL	0.40	mg/kg	8270C	08/29/08	1
Fluorene	BDL	0.40	mg/kg	8270C	08/29/08	1
Hexachlorobenzene	BDL	0.40	mg/kg	8270C	08/29/08	1
Hexachloro-1,3-butadiene	BDL	0.40	mg/kg	8270C	08/29/08	1
Hexachlorocyclopentadiene	BDL	0.40	mg/kg	8270C	08/29/08	1
Hexachloroethane	BDL	0.40	mg/kg	8270C	08/29/08	1
Indeno(1,2,3-cd)pyrene	BDL	0.40	mg/kg	8270C	08/29/08	1
Isophorone	BDL	0.40	mg/kg	8270C	08/29/08	1
Naphthalene	BDL	0.40	mg/kg	8270C	08/29/08	1
Nitrobenzene	BDL	0.40	mg/kg	8270C	08/29/08	1
n-Nitrosodimethylamine	BDL	0.40	mg/kg	8270C	08/29/08	1
n-Nitrosodiphenylamine	BDL	0.40	mg/kg	8270C	08/29/08	1
n-Nitrosodi-n-propylamine	BDL	0.40	mg/kg	8270C	08/29/08	1
Phenanthrene	BDL	0.40	mg/kg	8270C	08/29/08	1
Benzylbutyl phthalate	BDL	0.40	mg/kg	8270C	08/29/08	1
Bis(2-ethylhexyl)phthalate	BDL	0.40	mg/kg	8270C	08/29/08	1
Di-n-butyl phthalate	BDL	0.40	mg/kg	8270C	08/29/08	1
Diethyl phthalate	BDL	0.40	mg/kg	8270C	08/29/08	1
Dimethyl phthalate	BDL	0.40	mg/kg	8270C	08/29/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeland Way  
Raleigh, NC 27613

September 03, 2008

Date Received : August 23, 2008  
Description : 900 Hughes  
Sample ID : S2.1 6FT  
Collected By : S. R. List  
Collection Date : 08/22/08 00:00

ESC Sample # : L361688-02

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-n-octyl phthalate	BDL	0.40	mg/kg	8270C	08/29/08	1
Pyrene	BDL	0.40	mg/kg	8270C	08/29/08	1
1,2,4-Trichlorobenzene	BDL	0.40	mg/kg	8270C	08/29/08	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.40	mg/kg	8270C	08/29/08	1
2-Chlorophenol	BDL	0.40	mg/kg	8270C	08/29/08	1
2,4-Dichlorophenol	BDL	0.40	mg/kg	8270C	08/29/08	1
2,4-Dimethylphenol	BDL	0.40	mg/kg	8270C	08/29/08	1
4,6-Dinitro-2-methylphenol	BDL	0.40	mg/kg	8270C	08/29/08	1
2,4-Dinitrophenol	BDL	0.40	mg/kg	8270C	08/29/08	1
2-Nitrophenol	BDL	0.40	mg/kg	8270C	08/29/08	1
4-Nitrophenol	BDL	0.40	mg/kg	8270C	08/29/08	1
Pentachlorophenol	BDL	0.40	mg/kg	8270C	08/29/08	1
Phenol	BDL	0.40	mg/kg	8270C	08/29/08	1
2,4,6-Trichlorophenol	BDL	0.40	mg/kg	8270C	08/29/08	1
Surrogate Recovery						
Nitrobenzene-d5	78.4		% Rec.	8270C	08/29/08	1
2-Fluorobiphenyl	80.2		% Rec.	8270C	08/29/08	1
p-Terphenyl-d14	108.		% Rec.	8270C	08/29/08	1
Phenol-d5	93.9		% Rec.	8270C	08/29/08	1
2-Fluorophenol	89.5		% Rec.	8270C	08/29/08	1
2,4,6-Tribromophenol	81.6		% Rec.	8270C	08/29/08	1

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BDL - Below Detection Limit

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Reported: 09/03/08 12:47 Printed: 09/03/08 12:47



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Est. 1970

**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeland Way  
Raleigh, NC 27613

September 03, 2008

Date Received : August 23, 2008  
Description : 900 Hughes  
Sample ID : S4.1 6FT  
Collected By : S. R. List  
Collection Date : 08/22/08 00:00

ESC Sample # : L361688-03

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	80.5		%	2540G	08/29/08	1
Volatile Petroleum Hydrocarbons	BDL	5.5	mg/kg	MADEPV	08/31/08	44
C5-C8 Aliphatics	BDL	5.5	mg/kg	MADEPV	08/31/08	44
C9-C12 Aliphatics	BDL	5.5	mg/kg	MADEPV	08/31/08	44
C9-C10 Aromatics	BDL	5.5	mg/kg	MADEPV	08/31/08	44
Surrogate Recovery						
2,5-Dibromotoluene (FID)	88.4		% Rec.	MADEPV	08/31/08	44
2,5-Dibromotoluene (PID)	84.3		% Rec.	MADEPV	08/31/08	44
Volatile Organics						
Acetone	BDL	0.062	mg/kg	8260B	08/26/08	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	08/26/08	1
Benzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
Bromoform	BDL	0.0012	mg/kg	8260B	08/26/08	1
Bromomethane	BDL	0.0062	mg/kg	8260B	08/26/08	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	08/26/08	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
Chloroethane	BDL	0.0062	mg/kg	8260B	08/26/08	1
2-Chloroethyl vinyl ether	BDL	0.062	mg/kg	8260B	08/26/08	1
Chloroform	BDL	0.0062	mg/kg	8260B	08/26/08	1
Chloromethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	08/26/08	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0062	mg/kg	8260B	08/26/08	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Dichlorodifluoromethane	BDL	0.0062	mg/kg	8260B	08/26/08	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	08/26/08	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	08/26/08	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	08/26/08	1

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**REPORT OF ANALYSIS**

September 03, 2008

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeland Way  
Raleigh, NC 27613

Date Received : August 23, 2008  
Description : 900 Hughes  
Sample ID : S4.1 6FT  
Collected By : S. R. List  
Collection Date : 08/22/08 00:00

ESC Sample # : L361688-03

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	08/26/08	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	08/26/08	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	08/26/08	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	08/26/08	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	08/26/08	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	08/26/08	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	08/26/08	1
Methylene Chloride	BDL	0.0062	mg/kg	8260B	08/26/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	08/26/08	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	08/26/08	1
Naphthalene	BDL	0.0062	mg/kg	8260B	08/26/08	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Styrene	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	08/26/08	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Toluene	BDL	0.0062	mg/kg	8260B	08/26/08	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	08/26/08	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Trichlorofluoromethane	BDL	0.0062	mg/kg	8260B	08/26/08	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,2,3-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	08/26/08	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	08/26/08	1
Xylenes, Total	BDL	0.0037	mg/kg	8260B	08/26/08	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	08/26/08	1
Dibromofluoromethane	109.		% Rec.	8260B	08/26/08	1
4-Bromofluorobenzene	96.9		% Rec.	8260B	08/26/08	1
Extractable Petroleum Hydrocarb	BDL	8.1	mg/kg	MADEPE	08/29/08	1
C9-C18 Aliphatics	BDL	8.1	mg/kg	MADEPE	08/29/08	1
C19-C36 Aliphatics	BDL	8.1	mg/kg	MADEPE	08/29/08	1
C11-C22 Aromatics	BDL	8.1	mg/kg	MADEPE	08/29/08	1
Surrogate Recovery						
o-Terphenyl	99.6		% Rec.	MADEPE	08/29/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeland Way  
Raleigh, NC 27613

September 03, 2008

Date Received : August 23, 2008  
Description : 900 Hughes

ESC Sample # : L361688-03

Sample ID : S4.1 6FT

Site ID :

Collected By : S. R. List  
Collection Date : 08/22/08 00:00

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1-Chloro-octadecane	82.9		% Rec.	MADEPE	08/29/08	1
2-Fluorobiphenyl	87.4		% Rec.	MADEPE	08/29/08	1
2-Bromonaphthanene	63.0		% Rec.	MADEPE	08/29/08	1
<b>Base/Neutral Extractables</b>						
Acenaphthene	BDL	0.41	mg/kg	8270C	08/29/08	1
Acenaphthylene	BDL	0.41	mg/kg	8270C	08/29/08	1
Anthracene	BDL	0.41	mg/kg	8270C	08/29/08	1
Benzydine	BDL	0.41	mg/kg	8270C	08/29/08	1
Benzo(a)anthracene	BDL	0.41	mg/kg	8270C	08/29/08	1
Benzo(b)fluoranthene	BDL	0.41	mg/kg	8270C	08/29/08	1
Benzo(k)fluoranthene	BDL	0.41	mg/kg	8270C	08/29/08	1
Benzo(g,h,i)perylene	BDL	0.41	mg/kg	8270C	08/29/08	1
Benzo(a)pyrene	BDL	0.41	mg/kg	8270C	08/29/08	1
Bis(2-chlorethoxy)methane	BDL	0.41	mg/kg	8270C	08/29/08	1
Bis(2-chloroethyl)ether	BDL	0.41	mg/kg	8270C	08/29/08	1
Bis(2-chloroisopropyl)ether	BDL	0.41	mg/kg	8270C	08/29/08	1
4-Bromophenyl-phenylether	BDL	0.41	mg/kg	8270C	08/29/08	1
2-Chloronaphthalene	BDL	0.41	mg/kg	8270C	08/29/08	1
4-Chlorophenyl-phenylether	BDL	0.41	mg/kg	8270C	08/29/08	1
Chrysene	BDL	0.41	mg/kg	8270C	08/29/08	1
Dibenz(a,h)anthracene	BDL	0.41	mg/kg	8270C	08/29/08	1
3,3-Dichlorobenzidine	BDL	0.41	mg/kg	8270C	08/29/08	1
2,4-Dinitrotoluene	BDL	0.41	mg/kg	8270C	08/29/08	1
2,6-Dinitrotoluene	BDL	0.41	mg/kg	8270C	08/29/08	1
Fluoranthene	BDL	0.41	mg/kg	8270C	08/29/08	1
Fluorene	BDL	0.41	mg/kg	8270C	08/29/08	1
Hexachlorobenzene	BDL	0.41	mg/kg	8270C	08/29/08	1
Hexachloro-1,3-butadiene	BDL	0.41	mg/kg	8270C	08/29/08	1
Hexachlorocyclopentadiene	BDL	0.41	mg/kg	8270C	08/29/08	1
Hexachloroethane	BDL	0.41	mg/kg	8270C	08/29/08	1
Indeno(1,2,3-cd)pyrene	BDL	0.41	mg/kg	8270C	08/29/08	1
Isophorone	BDL	0.41	mg/kg	8270C	08/29/08	1
Naphthalene	BDL	0.41	mg/kg	8270C	08/29/08	1
Nitrobenzene	BDL	0.41	mg/kg	8270C	08/29/08	1
n-Nitrosodimethylamine	BDL	0.41	mg/kg	8270C	08/29/08	1
n-Nitrosodiphenylamine	BDL	0.41	mg/kg	8270C	08/29/08	1
n-Nitrosodi-n-propylamine	BDL	0.41	mg/kg	8270C	08/29/08	1
Phenanthrene	BDL	0.41	mg/kg	8270C	08/29/08	1
Benzylbutyl phthalate	BDL	0.41	mg/kg	8270C	08/29/08	1
Bis(2-ethylhexyl)phthalate	BDL	0.41	mg/kg	8270C	08/29/08	1
Di-n-butyl phthalate	BDL	0.41	mg/kg	8270C	08/29/08	1
Diethyl phthalate	BDL	0.41	mg/kg	8270C	08/29/08	1
Dimethyl phthalate	BDL	0.41	mg/kg	8270C	08/29/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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The reported analytical results relate only to the sample submitted



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Est. 1970

**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeland Way  
Raleigh, NC 27613

September 03, 2008

Date Received : August 23, 2008  
Description : 900 Hughes  
Sample ID : S4.1 6FT  
Collected By : S. R. List  
Collection Date : 08/22/08 00:00

ESC Sample # : L361688-03

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-n-octyl phthalate	BDL	0.41	mg/kg	8270C	08/29/08	1
Pyrene	BDL	0.41	mg/kg	8270C	08/29/08	1
1,2,4-Trichlorobenzene	BDL	0.41	mg/kg	8270C	08/29/08	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.41	mg/kg	8270C	08/29/08	1
2-Chlorophenol	BDL	0.41	mg/kg	8270C	08/29/08	1
2,4-Dichlorophenol	BDL	0.41	mg/kg	8270C	08/29/08	1
2,4-Dimethylphenol	BDL	0.41	mg/kg	8270C	08/29/08	1
4,6-Dinitro-2-methylphenol	BDL	0.41	mg/kg	8270C	08/29/08	1
2,4-Dinitrophenol	BDL	0.41	mg/kg	8270C	08/29/08	1
2-Nitrophenol	BDL	0.41	mg/kg	8270C	08/29/08	1
4-Nitrophenol	BDL	0.41	mg/kg	8270C	08/29/08	1
Pentachlorophenol	BDL	0.41	mg/kg	8270C	08/29/08	1
Phenol	BDL	0.41	mg/kg	8270C	08/29/08	1
2,4,6-Trichlorophenol	BDL	0.41	mg/kg	8270C	08/29/08	1
Surrogate Recovery						
Nitrobenzene-d5	77.8		% Rec.	8270C	08/29/08	1
2-Fluorobiphenyl	79.1		% Rec.	8270C	08/29/08	1
p-Terphenyl-d14	101.		% Rec.	8270C	08/29/08	1
Phenol-d5	94.5		% Rec.	8270C	08/29/08	1
2-Fluorophenol	92.5		% Rec.	8270C	08/29/08	1
2,4,6-Tribromophenol	78.4		% Rec.	8270C	08/29/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Reported: 09/03/08 12:47 Printed: 09/03/08 12:47

Attachment A  
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L361688-01	Benzidine	J4
	2-Bromonaphthanene	J2
L361688-02	Benzidine	J4
	C9-C18 Aliphatics	J6
	C19-C36 Aliphatics	J6J3
L361688-03	Benzidine	J4

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low
J3	The associated batch QC was outside the established quality control range for precision.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

- Accuracy** - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision** - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate** - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC** - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed  
09/03/08 at 12:48:02

TSR Signing Reports: 064  
R5 - Desired TAT

Sample: L361688-01 Account: SITCONRNC Received: 08/23/08 07:45 Due Date: 08/29/08 00:00 RPT Date: 09/03/08 12:47  
Sample: L361688-02 Account: SITCONRNC Received: 08/23/08 07:45 Due Date: 08/29/08 00:00 RPT Date: 09/03/08 12:47  
Sample: L361688-03 Account: SITCONRNC Received: 08/23/08 07:45 Due Date: 08/29/08 00:00 RPT Date: 09/03/08 12:47



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9000 Breeland Way  
Raleigh, NC 27613

Quality Assurance Report  
Level II

L361688

September 03, 2008

Analyte	Result	Laboratory Blank		Date Analyzed	Batch
		Units			
1,1,1,2-Tetrachloroethane	< .001	mg/kg		08/26/08 10:28	WG379701
1,1,1-Trichloroethane	< .001	mg/kg		08/26/08 10:28	WG379701
1,1,2,2-Tetrachloroethane	< .001	mg/kg		08/26/08 10:28	WG379701
1,1,2-Trichloroethane	< .001	mg/kg		08/26/08 10:28	WG379701
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg		08/26/08 10:28	WG379701
1,1-Dichloroethane	< .001	mg/kg		08/26/08 10:28	WG379701
1,1-Dichloroethene	< .001	mg/kg		08/26/08 10:28	WG379701
1,1-Dichloropropene	< .001	mg/kg		08/26/08 10:28	WG379701
1,2,3-Trichlorobenzene	< .001	mg/kg		08/26/08 10:28	WG379701
1,2,3-Trichloropropane	< .001	mg/kg		08/26/08 10:28	WG379701
1,2,3-Trimethylbenzene	< .001	mg/kg		08/26/08 10:28	WG379701
1,2,4-Trichlorobenzene	< .001	mg/kg		08/26/08 10:28	WG379701
1,2,4-Trimethylbenzene	< .001	mg/kg		08/26/08 10:28	WG379701
1,2-Dibromo-3-Chloropropane	< .005	mg/kg		08/26/08 10:28	WG379701
1,2-Dibromoethane	< .001	mg/kg		08/26/08 10:28	WG379701
1,2-Dichlorobenzene	< .001	mg/kg		08/26/08 10:28	WG379701
1,2-Dichloroethane	< .001	mg/kg		08/26/08 10:28	WG379701
1,2-Dichloropropane	< .001	mg/kg		08/26/08 10:28	WG379701
1,3,5-Trimethylbenzene	< .001	mg/kg		08/26/08 10:28	WG379701
1,3-Dichlorobenzene	< .001	mg/kg		08/26/08 10:28	WG379701
1,3-Dichloropropane	< .001	mg/kg		08/26/08 10:28	WG379701
1,4-Dichlorobenzene	< .001	mg/kg		08/26/08 10:28	WG379701
2,2-Dichloropropane	< .001	mg/kg		08/26/08 10:28	WG379701
2-Butanone (MEK)	< .01	mg/kg		08/26/08 10:28	WG379701
2-Chloroethyl vinyl ether	< .001	mg/kg		08/26/08 10:28	WG379701
2-Chlorotoluene	< .001	mg/kg		08/26/08 10:28	WG379701
4-Chlorotoluene	< .001	mg/kg		08/26/08 10:28	WG379701
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg		08/26/08 10:28	WG379701
Acetone	< .05	mg/kg		08/26/08 10:28	WG379701
Acrylonitrile	< .01	mg/kg		08/26/08 10:28	WG379701
Benzene	< .001	mg/kg		08/26/08 10:28	WG379701
Bromobenzene	< .001	mg/kg		08/26/08 10:28	WG379701
Bromodichloromethane	< .001	mg/kg		08/26/08 10:28	WG379701
Bromoform	< .001	mg/kg		08/26/08 10:28	WG379701
Bromomethane	< .005	mg/kg		08/26/08 10:28	WG379701
Carbon tetrachloride	< .001	mg/kg		08/26/08 10:28	WG379701
Chlorobenzene	< .001	mg/kg		08/26/08 10:28	WG379701
Chlorodibromomethane	< .001	mg/kg		08/26/08 10:28	WG379701
Chloroethane	< .005	mg/kg		08/26/08 10:28	WG379701
Chloroform	< .005	mg/kg		08/26/08 10:28	WG379701
Chloromethane	< .001	mg/kg		08/26/08 10:28	WG379701
cis-1,2-Dichloroethene	< .001	mg/kg		08/26/08 10:28	WG379701
cis-1,3-Dichloropropene	< .001	mg/kg		08/26/08 10:28	WG379701
Di-isopropyl ether	< .001	mg/kg		08/26/08 10:28	WG379701
Dibromomethane	< .001	mg/kg		08/26/08 10:28	WG379701
Dichlorodifluoromethane	< .005	mg/kg		08/26/08 10:28	WG379701
Ethylbenzene	< .001	mg/kg		08/26/08 10:28	WG379701
Hexachloro-1,3-butadiene	< .001	mg/kg		08/26/08 10:28	WG379701
Isopropylbenzene	< .001	mg/kg		08/26/08 10:28	WG379701
Methyl tert-butyl ether	< .001	mg/kg		08/26/08 10:28	WG379701
Methylene Chloride	< .005	mg/kg		08/26/08 10:28	WG379701
n-Butylbenzene	< .001	mg/kg		08/26/08 10:28	WG379701
n-Propylbenzene	< .001	mg/kg		08/26/08 10:28	WG379701
Naphthalene	< .005	mg/kg		08/26/08 10:28	WG379701
p-Isopropyltoluene	< .001	mg/kg		08/26/08 10:28	WG379701
sec-Butylbenzene	< .001	mg/kg		08/26/08 10:28	WG379701
Styrene	< .001	mg/kg		08/26/08 10:28	WG379701
tert-Butylbenzene	< .001	mg/kg		08/26/08 10:28	WG379701
Tetrachloroethene	< .001	mg/kg		08/26/08 10:28	WG379701
Toluene	< .005	mg/kg		08/26/08 10:28	WG379701



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**Quality Assurance Report  
Level II**

Raleigh, NC 27613

September 03, 2008

L361688

trans-1,2-Dichloroethene < .001 mg/kg 08/26/08 10:28 WG379701

Analyte	Result	Laboratory Blank		Date Analyzed	Batch
		Units			
trans-1,3-Dichloropropene	< .001	mg/kg		08/26/08 10:28	WG379701
Trichloroethene	< .001	mg/kg		08/26/08 10:28	WG379701
Trichlorofluoromethane	< .005	mg/kg		08/26/08 10:28	WG379701
Vinyl chloride	< .001	mg/kg		08/26/08 10:28	WG379701
Xylenes, Total	< .003	mg/kg		08/26/08 10:28	WG379701
1,1,1,2-Tetrachloroethane	< .001	mg/kg		08/26/08 06:37	WG379714
1,1,1-Trichloroethane	< .001	mg/kg		08/26/08 06:37	WG379714
1,1,2,2-Tetrachloroethane	< .001	mg/kg		08/26/08 06:37	WG379714
1,1,2-Trichloroethane	< .001	mg/kg		08/26/08 06:37	WG379714
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg		08/26/08 06:37	WG379714
1,1-Dichloroethane	< .001	mg/kg		08/26/08 06:37	WG379714
1,1-Dichloroethene	< .001	mg/kg		08/26/08 06:37	WG379714
1,1-Dichloropropene	< .001	mg/kg		08/26/08 06:37	WG379714
1,2,3-Trichlorobenzene	< .001	mg/kg		08/26/08 06:37	WG379714
1,2,3-Trichloropropene	< .001	mg/kg		08/26/08 06:37	WG379714
1,2,3-Trimethylbenzene	< .001	mg/kg		08/26/08 06:37	WG379714
1,2,4-Trichlorobenzene	< .001	mg/kg		08/26/08 06:37	WG379714
1,2,4-Trimethylbenzene	< .001	mg/kg		08/26/08 06:37	WG379714
1,2-Dibromo-3-Chloropropane	< .005	mg/kg		08/26/08 06:37	WG379714
1,2-Dibromoethane	< .001	mg/kg		08/26/08 06:37	WG379714
1,2-Dichlorobenzene	< .001	mg/kg		08/26/08 06:37	WG379714
1,2-Dichloroethane	< .001	mg/kg		08/26/08 06:37	WG379714
1,2-Dichloropropane	< .001	mg/kg		08/26/08 06:37	WG379714
1,3,5-Trimethylbenzene	< .001	mg/kg		08/26/08 06:37	WG379714
1,3-Dichlorobenzene	< .001	mg/kg		08/26/08 06:37	WG379714
1,3-Dichloropropane	< .001	mg/kg		08/26/08 06:37	WG379714
1,4-Dichlorobenzene	< .001	mg/kg		08/26/08 06:37	WG379714
2,2-Dichloropropane	< .001	mg/kg		08/26/08 06:37	WG379714
2-Butanone (MEK)	< .01	mg/kg		08/26/08 06:37	WG379714
2-Chloroethyl vinyl ether	< .001	mg/kg		08/26/08 06:37	WG379714
2-Chlorotoluene	< .001	mg/kg		08/26/08 06:37	WG379714
4-Chlorotoluene	< .001	mg/kg		08/26/08 06:37	WG379714
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg		08/26/08 06:37	WG379714
Acetone	< .05	mg/kg		08/26/08 06:37	WG379714
Acrylonitrile	< .01	mg/kg		08/26/08 06:37	WG379714
Benzene	< .001	mg/kg		08/26/08 06:37	WG379714
Bromobenzene	< .001	mg/kg		08/26/08 06:37	WG379714
Bromodichloromethane	< .001	mg/kg		08/26/08 06:37	WG379714
Bromoform	< .001	mg/kg		08/26/08 06:37	WG379714
Bromomethane	< .005	mg/kg		08/26/08 06:37	WG379714
Carbon tetrachloride	< .001	mg/kg		08/26/08 06:37	WG379714
Chlorobenzene	< .001	mg/kg		08/26/08 06:37	WG379714
Chlorodibromomethane	< .001	mg/kg		08/26/08 06:37	WG379714
Chloroethane	< .005	mg/kg		08/26/08 06:37	WG379714
Chloroform	< .005	mg/kg		08/26/08 06:37	WG379714
Chloromethane	< .001	mg/kg		08/26/08 06:37	WG379714
cis-1,2-Dichloroethene	< .001	mg/kg		08/26/08 06:37	WG379714
cis-1,3-Dichloropropene	< .001	mg/kg		08/26/08 06:37	WG379714
Di-isopropyl ether	< .001	mg/kg		08/26/08 06:37	WG379714
Dibromomethane	< .001	mg/kg		08/26/08 06:37	WG379714
Dichlorodifluoromethane	< .005	mg/kg		08/26/08 06:37	WG379714
Ethylbenzene	< .001	mg/kg		08/26/08 06:37	WG379714
Hexachloro-1,3-butadiene	< .001	mg/kg		08/26/08 06:37	WG379714
Isopropylbenzene	< .001	mg/kg		08/26/08 06:37	WG379714
Methyl tert-butyl ether	< .001	mg/kg		08/26/08 06:37	WG379714
Methylene Chloride	< .005	mg/kg		08/26/08 06:37	WG379714
n-Butylbenzene	< .001	mg/kg		08/26/08 06:37	WG379714
n-Propylbenzene	< .001	mg/kg		08/26/08 06:37	WG379714



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Quality Assurance Report  
Level II  
L361688

September 03, 2008

Analyte	Result	Units	Date Analyzed	Batch
Naphthalene	< .005	mg/kg	08/26/08 06:37	WG379714
p-Isopropyltoluene	< .001	mg/kg	08/26/08 06:37	WG379714
sec-Butylbenzene	< .001	mg/kg	08/26/08 06:37	WG379714
Styrene	< .001	mg/kg	08/26/08 06:37	WG379714
tert-Butylbenzene	< .001	mg/kg	08/26/08 06:37	WG379714
Tetrachloroethene	< .001	mg/kg	08/26/08 06:37	WG379714
Toluene	< .005	mg/kg	08/26/08 06:37	WG379714
trans-1,2-Dichloroethene	< .001	mg/kg	08/26/08 06:37	WG379714
trans-1,3-Dichloropropene	< .001	mg/kg	08/26/08 06:37	WG379714
Trichloroethene	< .001	mg/kg	08/26/08 06:37	WG379714
Trichlorofluoromethane	< .005	mg/kg	08/26/08 06:37	WG379714
Vinyl chloride	< .001	mg/kg	08/26/08 06:37	WG379714
Xylenes, Total	< .003	mg/kg	08/26/08 06:37	WG379714
1,2,4-Trichlorobenzene	< .33	ppm	08/27/08 23:20	WG379820
2,4,6-Trichlorophenol	< .33	ppm	08/27/08 23:20	WG379820
2,4-Dichlorophenol	< .33	ppm	08/27/08 23:20	WG379820
2,4-Dimethylphenol	< .33	ppm	08/27/08 23:20	WG379820
2,4-Dinitrophenol	< .33	ppm	08/27/08 23:20	WG379820
2,4-Dinitrotoluene	< .33	ppm	08/27/08 23:20	WG379820
2,6-Dinitrotoluene	< .33	ppm	08/27/08 23:20	WG379820
2-Chloronaphthalene	< .33	ppm	08/27/08 23:20	WG379820
2-Chlorophenol	< .33	ppm	08/27/08 23:20	WG379820
2-Nitrophenol	< .33	ppm	08/27/08 23:20	WG379820
3,3-Dichlorobenzidine	< .33	ppm	08/27/08 23:20	WG379820
4,6-Dinitro-2-methylphenol	< .33	ppm	08/27/08 23:20	WG379820
4-Bromophenyl-phenylether	< .33	ppm	08/27/08 23:20	WG379820
4-Chloro-3-methylphenol	< .33	ppm	08/27/08 23:20	WG379820
4-Chlorophenyl-phenylether	< .33	ppm	08/27/08 23:20	WG379820
4-Nitrophenol	< .33	ppm	08/27/08 23:20	WG379820
Acenaphthene	< .33	ppm	08/27/08 23:20	WG379820
Acenaphthylene	< .33	ppm	08/27/08 23:20	WG379820
Anthracene	< .33	ppm	08/27/08 23:20	WG379820
Benidine	< .33	ppm	08/27/08 23:20	WG379820
Benzo (a) anthracene	< .33	ppm	08/27/08 23:20	WG379820
Benzo (a) pyrene	< .33	ppm	08/27/08 23:20	WG379820
Benzo (b) fluoranthene	< .33	ppm	08/27/08 23:20	WG379820
Benzo (g, h, i) perylene	< .33	ppm	08/27/08 23:20	WG379820
Benzo (k) fluoranthene	< .33	ppm	08/27/08 23:20	WG379820
Benzylbutyl phthalate	< .33	ppm	08/27/08 23:20	WG379820
Bis(2-chloroethoxy)methane	< .33	ppm	08/27/08 23:20	WG379820
Bis(2-chloroethyl) ether	< .33	ppm	08/27/08 23:20	WG379820
Bis(2-chloroisopropyl) ether	< .33	ppm	08/27/08 23:20	WG379820
Bis(2-ethylhexyl) phthalate	< .33	ppm	08/27/08 23:20	WG379820
Chrysene	< .33	ppm	08/27/08 23:20	WG379820
Di-n-butyl phthalate	< .33	ppm	08/27/08 23:20	WG379820
Di-n-octyl phthalate	< .33	ppm	08/27/08 23:20	WG379820
Dibenz (a, h) anthracene	< .33	ppm	08/27/08 23:20	WG379820
Diethyl phthalate	< .33	ppm	08/27/08 23:20	WG379820
Dimethyl phthalate	< .33	ppm	08/27/08 23:20	WG379820
Fluoranthene	< .33	ppm	08/27/08 23:20	WG379820
Fluorene	< .33	ppm	08/27/08 23:20	WG379820
Hexachloro-1,3-butadiene	< .33	ppm	08/27/08 23:20	WG379820
Hexachlorobenzene	< .33	ppm	08/27/08 23:20	WG379820
Hexachlorocyclopentadiene	< .33	ppm	08/27/08 23:20	WG379820
Hexachloroethane	< .33	ppm	08/27/08 23:20	WG379820
Indeno (1,2,3-cd) pyrene	< .33	ppm	08/27/08 23:20	WG379820
Isophorone	< .33	ppm	08/27/08 23:20	WG379820
n-Nitrosodi-n-propylamine	< .33	ppm	08/27/08 23:20	WG379820
n-Nitrosodimethylamine	< .33	ppm	08/27/08 23:20	WG379820



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Quality Assurance Report  
Level II  
L361688

September 03, 2008

n-Nitrosodiphenylamine < .33 ppm 08/27/08 23:20 WG379820

Analyte	Result	Laboratory Blank		Date Analyzed	Batch
		Units	Units		
Naphthalene	< .33	ppm		08/27/08 23:20	WG379820
Nitrobenzene	< .33	ppm		08/27/08 23:20	WG379820
Pentachlorophenol	< .33	ppm		08/27/08 23:20	WG379820
Phenanthrene	< .33	ppm		08/27/08 23:20	WG379820
Phenol	< .33	ppm		08/27/08 23:20	WG379820
Pyrene	< .33	ppm		08/27/08 23:20	WG379820
Total Solids	< .1	%		08/29/08 10:28	WG380336

Analyte	Units	Duplicate		RPD	Limit	Ref Samp	Batch
		Result	Duplicate				
Total Solids	%	80.7	79.8	1.10	5	L361689-02	WG380336

Analyte	Units	Laboratory Control		Sample Result	% Rec	Limit	Batch
		Known Val	Result				
1,1,1,2-Tetrachloroethane	mg/kg	.05		0.0479	95.8	73-134	WG379701
1,1,1-Trichloroethane	mg/kg	.05		0.0472	94.4	62-135	WG379701
1,1,2,2-Tetrachloroethane	mg/kg	.05		0.0510	102.	74-129	WG379701
1,1,2-Trichloroethane	mg/kg	.05		0.0489	97.7	77-124	WG379701
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05		0.0428	85.7	49-155	WG379701
1,1-Dichloroethane	mg/kg	.05		0.0467	93.4	61-134	WG379701
1,1-Dichloroethene	mg/kg	.05		0.0387	77.3	53-136	WG379701
1,1-Dichloropropene	mg/kg	.05		0.0458	91.6	63-132	WG379701
1,2,3-Trichlorobenzene	mg/kg	.05		0.0463	92.6	62-146	WG379701
1,2,3-Trichloropropane	mg/kg	.05		0.0490	97.9	70-133	WG379701
1,2,3-Trimethylbenzene	mg/kg	.05		0.0499	99.8	73-126	WG379701
1,2,4-Trichlorobenzene	mg/kg	.05		0.0443	88.6	61-148	WG379701
1,2,4-Trimethylbenzene	mg/kg	.05		0.0475	95.0	68-135	WG379701
1,2-Dibromo-3-Chloropropane	mg/kg	.05		0.0469	93.7	61-134	WG379701
1,2-Dibromoethane	mg/kg	.05		0.0489	97.7	76-127	WG379701
1,2-Dichlorobenzene	mg/kg	.05		0.0487	97.4	77-123	WG379701
1,2-Dichloroethane	mg/kg	.05		0.0509	102.	58-141	WG379701
1,2-Dichloropropane	mg/kg	.05		0.0492	98.3	71-128	WG379701
1,3,5-Trimethylbenzene	mg/kg	.05		0.0484	96.8	71-133	WG379701
1,3-Dichlorobenzene	mg/kg	.05		0.0437	87.4	71-132	WG379701
1,3-Dichloropropane	mg/kg	.05		0.0485	96.9	76-120	WG379701
1,4-Dichlorobenzene	mg/kg	.05		0.0452	90.3	72-123	WG379701
2,2-Dichloropropane	mg/kg	.05		0.0475	94.9	50-147	WG379701
2-Butanone (MEK)	mg/kg	.25		0.276	110.	51-131	WG379701
2-Chloroethyl vinyl ether	mg/kg	.25		0.230	91.9	0-188	WG379701
2-Chlorotoluene	mg/kg	.05		0.0463	92.7	73-128	WG379701
4-Chlorotoluene	mg/kg	.05		0.0462	92.4	72-129	WG379701
4-Methyl-2-pentanone (MIBK)	mg/kg	.25		0.287	115.	61-143	WG379701
Acetone	mg/kg	.25		0.253	101.	44-140	WG379701
Acrylonitrile	mg/kg	.25		0.282	113.	55-143	WG379701
Benzene	mg/kg	.05		0.0457	91.5	65-128	WG379701
Bromobenzene	mg/kg	.05		0.0487	97.5	75-123	WG379701
Bromodichloromethane	mg/kg	.05		0.0543	109.	66-126	WG379701
Bromoform	mg/kg	.05		0.0451	90.2	64-139	WG379701
Bromomethane	mg/kg	.05		0.0434	86.8	41-175	WG379701
Carbon tetrachloride	mg/kg	.05		0.0473	94.5	60-140	WG379701
Chlorobenzene	mg/kg	.05		0.0456	91.2	75-125	WG379701
Chlorodibromomethane	mg/kg	.05		0.0507	101.	72-137	WG379701
Chloroethane	mg/kg	.05		0.0429	85.7	44-159	WG379701
Chloroform	mg/kg	.05		0.0484	96.8	63-123	WG379701
Chloromethane	mg/kg	.05		0.0409	81.7	42-149	WG379701
cis-1,2-Dichloroethene	mg/kg	.05		0.0466	93.2	71-129	WG379701



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September 03, 2008

L361688

cis-1,3-Dichloropropene mg/kg .05 0.0560 112. 73-132 WG379701

Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
Di-isopropyl ether	mg/kg	.05	0.0509	102.	59-143	WG379701
Dibromomethane	mg/kg	.05	0.0501	100.	70-130	WG379701
Dichlorodifluoromethane	mg/kg	.05	0.0400	80.0	26-186	WG379701
Ethylbenzene	mg/kg	.05	0.0475	95.0	74-128	WG379701
Hexachloro-1,3-butadiene	mg/kg	.05	0.0505	101.	65-137	WG379701
Isopropylbenzene	mg/kg	.05	0.0480	96.1	73-130	WG379701
Methyl tert-butyl ether	mg/kg	.05	0.0521	104.	44-148	WG379701
Methylene Chloride	mg/kg	.05	0.0416	83.1	57-129	WG379701
n-Butylbenzene	mg/kg	.05	0.0516	103.	60-145	WG379701
n-Propylbenzene	mg/kg	.05	0.0464	92.9	71-132	WG379701
Naphthalene	mg/kg	.05	0.0486	97.3	61-142	WG379701
p-Isopropyltoluene	mg/kg	.05	0.0474	94.8	67-138	WG379701
sec-Butylbenzene	mg/kg	.05	0.0487	97.4	71-134	WG379701
Styrene	mg/kg	.05	0.0435	87.0	76-133	WG379701
tert-Butylbenzene	mg/kg	.05	0.0470	94.0	72-132	WG379701
Tetrachloroethene	mg/kg	.05	0.0428	85.7	65-135	WG379701
Toluene	mg/kg	.05	0.0471	94.2	70-120	WG379701
trans-1,2-Dichloroethene	mg/kg	.05	0.0402	80.4	61-133	WG379701
trans-1,3-Dichloropropene	mg/kg	.05	0.0568	114.	70-135	WG379701
Trichloroethene	mg/kg	.05	0.0475	95.0	71-126	WG379701
Trichlorofluoromethane	mg/kg	.05	0.0420	83.9	52-147	WG379701
Vinyl chloride	mg/kg	.05	0.0414	82.8	50-151	WG379701
Xylenes, Total	mg/kg	.15	0.136	90.7	74-127	WG379701
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.0531	106.	73-134	WG379714
1,1,1-Trichloroethane	mg/kg	.05	0.0497	99.4	62-135	WG379714
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0541	108.	74-129	WG379714
1,1,2-Trichloroethane	mg/kg	.05	0.0488	97.6	77-124	WG379714
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0433	86.7	49-155	WG379714
1,1-Dichloroethane	mg/kg	.05	0.0491	98.2	61-134	WG379714
1,1-Dichloroethene	mg/kg	.05	0.0441	88.1	53-136	WG379714
1,1-Dichloropropene	mg/kg	.05	0.0458	91.7	63-132	WG379714
1,2,3-Trichlorobenzene	mg/kg	.05	0.0508	102.	62-146	WG379714
1,2,3-Trichloropropane	mg/kg	.05	0.0468	93.7	70-133	WG379714
1,2,3-Trimethylbenzene	mg/kg	.05	0.0473	94.6	73-126	WG379714
1,2,4-Trichlorobenzene	mg/kg	.05	0.0503	101.	61-148	WG379714
1,2,4-Trimethylbenzene	mg/kg	.05	0.0499	99.8	68-135	WG379714
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0605	121.	61-134	WG379714
1,2-Dibromoethane	mg/kg	.05	0.0518	104.	76-127	WG379714
1,2-Dichlorobenzene	mg/kg	.05	0.0488	97.6	77-123	WG379714
1,2-Dichloroethane	mg/kg	.05	0.0473	94.6	58-141	WG379714
1,2-Dichloropropane	mg/kg	.05	0.0510	102.	71-128	WG379714
1,3,5-Trimethylbenzene	mg/kg	.05	0.0506	101.	71-133	WG379714
1,3-Dichlorobenzene	mg/kg	.05	0.0496	99.2	71-132	WG379714
1,3-Dichloropropane	mg/kg	.05	0.0476	95.2	76-120	WG379714
1,4-Dichlorobenzene	mg/kg	.05	0.0451	90.2	72-123	WG379714
2,2-Dichloropropane	mg/kg	.05	0.0528	106.	50-147	WG379714
2-Butanone (MEK)	mg/kg	.25	0.256	102.	51-131	WG379714
2-Chloroethyl vinyl ether	mg/kg	.25	0.241	96.2	0-188	WG379714
2-Chlorotoluene	mg/kg	.05	0.0514	103.	73-128	WG379714
4-Chlorotoluene	mg/kg	.05	0.0505	101.	72-129	WG379714
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.277	111.	61-143	WG379714
Acetone	mg/kg	.25	0.236	94.3	44-140	WG379714
Acrylonitrile	mg/kg	.25	0.247	98.9	55-143	WG379714
Benzene	mg/kg	.05	0.0451	90.2	65-128	WG379714
Bromobenzene	mg/kg	.05	0.0509	102.	75-123	WG379714
Bromodichloromethane	mg/kg	.05	0.0510	102.	66-126	WG379714
Bromoform	mg/kg	.05	0.0493	98.6	64-139	WG379714
Bromomethane	mg/kg	.05	0.0344	68.8	41-175	WG379714



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Level II**

Raleigh, NC 27613

September 03, 2008

L361688

Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
Carbon tetrachloride	mg/kg	.05	0.0482	96.4	60-140	WG379714
Chlorobenzene	mg/kg	.05	0.0489	97.9	75-125	WG379714
Chlorodibromomethane	mg/kg	.05	0.0543	109.	72-137	WG379714
Chloroethane	mg/kg	.05	0.0394	78.8	44-159	WG379714
Chloroform	mg/kg	.05	0.0488	97.5	63-123	WG379714
Chloromethane	mg/kg	.05	0.0392	78.4	42-149	WG379714
cis-1,2-Dichloroethene	mg/kg	.05	0.0491	98.3	71-129	WG379714
cis-1,3-Dichloropropene	mg/kg	.05	0.0529	106.	73-132	WG379714
Di-isopropyl ether	mg/kg	.05	0.0513	103.	59-143	WG379714
Dibromomethane	mg/kg	.05	0.0496	99.3	70-130	WG379714
Dichlorodifluoromethane	mg/kg	.05	0.0433	86.5	26-186	WG379714
Ethylbenzene	mg/kg	.05	0.0502	100.	74-128	WG379714
Hexachloro-1,3-butadiene	mg/kg	.05	0.0528	106.	65-137	WG379714
Isopropylbenzene	mg/kg	.05	0.0524	105.	73-130	WG379714
Methyl tert-butyl ether	mg/kg	.05	0.0509	102.	44-148	WG379714
Methylene Chloride	mg/kg	.05	0.0424	84.9	57-129	WG379714
n-Butylbenzene	mg/kg	.05	0.0506	101.	60-145	WG379714
n-Propylbenzene	mg/kg	.05	0.0506	101.	71-132	WG379714
Naphthalene	mg/kg	.05	0.0534	107.	61-142	WG379714
p-Isopropyltoluene	mg/kg	.05	0.0415	83.0	67-138	WG379714
sec-Butylbenzene	mg/kg	.05	0.0433	86.6	71-134	WG379714
Styrene	mg/kg	.05	0.0495	99.0	76-133	WG379714
tert-Butylbenzene	mg/kg	.05	0.0511	102.	72-132	WG379714
Tetrachloroethene	mg/kg	.05	0.0485	97.0	65-135	WG379714
Toluene	mg/kg	.05	0.0448	89.5	70-120	WG379714
trans-1,2-Dichloroethene	mg/kg	.05	0.0471	94.2	61-133	WG379714
trans-1,3-Dichloropropene	mg/kg	.05	0.0524	105.	70-135	WG379714
Trichloroethene	mg/kg	.05	0.0487	97.4	71-126	WG379714
Trichlorofluoromethane	mg/kg	.05	0.0386	77.2	52-147	WG379714
Vinyl chloride	mg/kg	.05	0.0386	77.2	50-151	WG379714
Xylenes, Total	mg/kg	.15	0.147	97.8	74-127	WG379714
1,2,4-Trichlorobenzene	ppm	.333	0.200	60.0	46-99	WG379820
2,4,6-Trichlorophenol	ppm	.333	0.217	65.3	56-109	WG379820
2,4-Dichlorophenol	ppm	.333	0.212	63.5	54-107	WG379820
2,4-Dimethylphenol	ppm	.333	0.310	93.2	58-119	WG379820
2,4-Dinitrophenol	ppm	.333	0.178	53.5	16-130	WG379820
2,4-Dinitrotoluene	ppm	.333	0.210	63.2	53-120	WG379820
2,6-Dinitrotoluene	ppm	.333	0.203	60.9	56-113	WG379820
2-Chloronaphthalene	ppm	.333	0.224	67.2	55-103	WG379820
2-Chlorophenol	ppm	.333	0.236	70.7	52-108	WG379820
2-Nitrophenol	ppm	.333	0.233	70.0	38-110	WG379820
3,3-Dichlorobenzidine	ppm	.333	0.134	40.2	24-123	WG379820
4,6-Dinitro-2-methylphenol	ppm	.333	0.199	59.7	34-111	WG379820
4-Bromophenyl-phenylether	ppm	.333	0.213	64.0	47-98	WG379820
4-Chloro-3-methylphenol	ppm	.333	0.218	65.5	54-116	WG379820
4-Chlorophenyl-phenylether	ppm	.333	0.228	68.6	55-106	WG379820
4-Nitrophenol	ppm	.333	0.211	63.3	34-123	WG379820
Acenaphthene	ppm	.333	0.221	66.4	54-102	WG379820
Acenaphthylene	ppm	.333	0.222	66.8	56-104	WG379820
Anthracene	ppm	.333	0.225	67.5	57-112	WG379820
Benzidine	ppm	.333	0.0536	16.1	0-13	WG379820
Benzo(a)anthracene	ppm	.333	0.224	67.3	55-105	WG379820
Benzo(a)pyrene	ppm	.333	0.231	69.4	59-114	WG379820
Benzo(b)fluoranthene	ppm	.333	0.230	69.2	44-116	WG379820
Benzo(g,h,i)perylene	ppm	.333	0.218	65.5	41-127	WG379820
Benzo(k)fluoranthene	ppm	.333	0.233	70.1	36-119	WG379820
Benzylbutyl phthalate	ppm	.333	0.266	80.0	57-130	WG379820
Bis(2-chloroethoxy)methane	ppm	.333	0.258	77.5	52-107	WG379820
Bis(2-chloroethyl) ether	ppm	.333	0.269	80.7	38-115	WG379820



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Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
Bis(2-chloroisopropyl) ether	ppm	.333	0.268	80.5	49-106	WG379820
Bis(2-ethylhexyl) phthalate	ppm	.333	0.270	81.2	50-130	WG379820
Chrysene	ppm	.333	0.229	68.7	54-103	WG379820
Di-n-butyl phthalate	ppm	.333	0.257	77.1	56-121	WG379820
Di-n-octyl phthalate	ppm	.333	0.244	73.2	50-128	WG379820
Dibenz(a,h)anthracene	ppm	.333	0.218	65.6	42-128	WG379820
Diethyl phthalate	ppm	.333	0.217	65.1	57-110	WG379820
Dimethyl phthalate	ppm	.333	0.237	71.1	57-108	WG379820
Fluoranthene	ppm	.333	0.223	67.0	51-109	WG379820
Fluorene	ppm	.333	0.218	65.4	53-106	WG379820
Hexachloro-1,3-butadiene	ppm	.333	0.215	64.6	46-110	WG379820
Hexachlorobenzene	ppm	.333	0.217	65.3	51-117	WG379820
Hexachlorocyclopentadiene	ppm	.333	0.244	73.4	21-127	WG379820
Hexachloroethane	ppm	.333	0.225	67.7	43-104	WG379820
Indeno(1,2,3-cd)pyrene	ppm	.333	0.220	66.2	42-127	WG379820
Isophorone	ppm	.333	0.232	69.6	56-116	WG379820
n-Nitrosodi-n-propylamine	ppm	.333	0.305	91.6	54-113	WG379820
n-Nitrosodimethylamine	ppm	.333	0.253	75.9	35-111	WG379820
n-Nitrosodiphenylamine	ppm	.333	0.239	71.7	66-126	WG379820
Naphthalene	ppm	.333	0.217	65.0	46-97	WG379820
Nitrobenzene	ppm	.333	0.236	70.8	46-102	WG379820
Pentachlorophenol	ppm	.333	0.225	67.4	37-118	WG379820
Phenanthrene	ppm	.333	0.224	67.4	56-102	WG379820
Phenol	ppm	.333	0.252	75.8	55-115	WG379820
Pyrene	ppm	.333	0.230	69.0	53-111	WG379820
Total Solids	%	50	50.0	100.	85-115	WG380336

Analyte	Units	Laboratory Control		Sample Duplicate		Limit	%Rec	Batch
		LCSD Res	Ref Res	RPD	RPD			
1,1,1,2-Tetrachloroethane	mg/kg	0.0489	0.0479	2.01	20	98	WG379701	
1,1,1-Trichloroethane	mg/kg	0.0477	0.0472	1.07	20	95	WG379701	
1,1,2,2-Tetrachloroethane	mg/kg	0.0521	0.0510	2.09	20	104	WG379701	
1,1,2-Trichloroethane	mg/kg	0.0497	0.0489	1.79	20	99	WG379701	
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0434	0.0428	1.30	20	87	WG379701	
1,1-Dichloroethane	mg/kg	0.0477	0.0467	2.01	20	95	WG379701	
1,1-Dichloroethene	mg/kg	0.0389	0.0387	0.657	20	78	WG379701	
1,1-Dichloropropene	mg/kg	0.0463	0.0458	1.13	20	93	WG379701	
1,2,3-Trichlorobenzene	mg/kg	0.0469	0.0463	1.27	20	94	WG379701	
1,2,3-Trichloropropane	mg/kg	0.0506	0.0490	3.38	20	101	WG379701	
1,2,3-Trimethylbenzene	mg/kg	0.0497	0.0499	0.533	20	99	WG379701	
1,2,4-Trichlorobenzene	mg/kg	0.0441	0.0443	0.493	20	88	WG379701	
1,2,4-Trimethylbenzene	mg/kg	0.0473	0.0475	0.467	20	95	WG379701	
1,2-Dibromo-3-Chloropropane	mg/kg	0.0493	0.0469	5.14	21	99	WG379701	
1,2-Dibromoethane	mg/kg	0.0506	0.0489	3.49	20	101	WG379701	
1,2-Dichlorobenzene	mg/kg	0.0489	0.0487	0.336	20	98	WG379701	
1,2-Dichloroethane	mg/kg	0.0511	0.0509	0.226	20	102	WG379701	
1,2-Dichloropropane	mg/kg	0.0496	0.0492	0.885	20	99	WG379701	
1,3,5-Trimethylbenzene	mg/kg	0.0472	0.0484	2.42	20	94	WG379701	
1,3-Dichlorobenzene	mg/kg	0.0433	0.0437	1.01	20	87	WG379701	
1,3-Dichloropropane	mg/kg	0.0489	0.0485	0.992	20	98	WG379701	
1,4-Dichlorobenzene	mg/kg	0.0446	0.0452	1.22	20	89	WG379701	
2,2-Dichloropropane	mg/kg	0.0474	0.0475	0.136	20	95	WG379701	
2-Butanone (MEK)	mg/kg	0.276	0.276	0.0384	25	110	WG379701	
2-Chloroethyl vinyl ether	mg/kg	0.228	0.230	0.724	39	91	WG379701	
2-Chlorotoluene	mg/kg	0.0467	0.0463	0.698	20	93	WG379701	
4-Chlorotoluene	mg/kg	0.0459	0.0462	0.632	20	92	WG379701	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.289	0.287	0.631	23	116	WG379701	
Acetone	mg/kg	0.253	0.253	0.0122	25	101	WG379701	



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**Quality Assurance Report  
Level II**

September 03, 2008

L361688

Acrylonitrile	mg/kg	0.289	0.282	2.26	20	116	WG379701
Analyte	Laboratory Control		Sample Duplicate		Limit	%Rec	Batch
	Units	LCSD	Res	Ref Res			
Benzene	mg/kg	0.0467	0.0457	2.00	20	93	WG379701
Bromobenzene	mg/kg	0.0495	0.0487	1.51	20	99	WG379701
Bromodichloromethane	mg/kg	0.0546	0.0543	0.487	20	109	WG379701
Bromoform	mg/kg	0.0459	0.0451	1.81	20	92	WG379701
Bromomethane	mg/kg	0.0447	0.0434	2.92	20	89	WG379701
Carbon tetrachloride	mg/kg	0.0489	0.0473	3.35	20	98	WG379701
Chlorobenzene	mg/kg	0.0462	0.0456	1.42	20	92	WG379701
Chlorodibromomethane	mg/kg	0.0520	0.0507	2.58	20	104	WG379701
Chloroethane	mg/kg	0.0435	0.0429	1.40	20	87	WG379701
Chloroform	mg/kg	0.0493	0.0484	1.96	20	99	WG379701
Chloromethane	mg/kg	0.0414	0.0409	1.34	20	83	WG379701
cis-1,2-Dichloroethene	mg/kg	0.0475	0.0466	2.02	20	95	WG379701
cis-1,3-Dichloropropene	mg/kg	0.0555	0.0560	0.876	20	111	WG379701
Di-isopropyl ether	mg/kg	0.0516	0.0509	1.20	20	103	WG379701
Dibromomethane	mg/kg	0.0504	0.0501	0.598	20	101	WG379701
Dichlorodifluoromethane	mg/kg	0.0410	0.0400	2.44	22	82	WG379701
Ethylbenzene	mg/kg	0.0476	0.0475	0.313	20	95	WG379701
Hexachloro-1,3-butadiene	mg/kg	0.0508	0.0505	0.460	20	102	WG379701
Isopropylbenzene	mg/kg	0.0481	0.0480	0.179	20	96	WG379701
Methyl tert-butyl ether	mg/kg	0.0524	0.0521	0.585	20	105	WG379701
Methylene Chloride	mg/kg	0.0426	0.0416	2.50	20	85	WG379701
n-Butylbenzene	mg/kg	0.0508	0.0516	1.58	20	102	WG379701
n-Propylbenzene	mg/kg	0.0471	0.0464	1.40	20	94	WG379701
Naphthalene	mg/kg	0.0490	0.0486	0.677	20	98	WG379701
p-Isopropyltoluene	mg/kg	0.0471	0.0474	0.692	20	94	WG379701
sec-Butylbenzene	mg/kg	0.0489	0.0487	0.447	20	98	WG379701
Styrene	mg/kg	0.0438	0.0435	0.743	20	88	WG379701
tert-Butylbenzene	mg/kg	0.0477	0.0470	1.48	20	95	WG379701
Tetrachloroethene	mg/kg	0.0431	0.0428	0.551	20	86	WG379701
Toluene	mg/kg	0.0467	0.0471	0.830	20	93	WG379701
trans-1,2-Dichloroethene	mg/kg	0.0406	0.0402	0.981	20	81	WG379701
trans-1,3-Dichloropropene	mg/kg	0.0565	0.0568	0.553	20	113	WG379701
Trichloroethene	mg/kg	0.0479	0.0475	0.801	20	96	WG379701
Trichlorofluoromethane	mg/kg	0.0431	0.0420	2.67	20	86	WG379701
Vinyl chloride	mg/kg	0.0435	0.0414	4.91	20	87	WG379701
Xylenes, Total	mg/kg	0.139	0.136	2.43	20	93	WG379701
1,1,1,2-Tetrachloroethane	mg/kg	0.0556	0.0531	4.71	20	111	WG379714
1,1,1-Trichloroethane	mg/kg	0.0500	0.0497	0.531	20	100	WG379714
1,1,2,2-Tetrachloroethane	mg/kg	0.0539	0.0541	0.234	20	108	WG379714
1,1,2-Trichloroethane	mg/kg	0.0506	0.0488	3.53	20	101	WG379714
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0398	0.0433	8.42	20	80	WG379714
1,1-Dichloroethane	mg/kg	0.0489	0.0491	0.396	20	98	WG379714
1,1-Dichloroethene	mg/kg	0.0425	0.0441	3.70	20	85	WG379714
1,1-Dichloropropene	mg/kg	0.0461	0.0458	0.566	20	92	WG379714
1,2,3-Trichlorobenzene	mg/kg	0.0578	0.0508	12.9	20	116	WG379714
1,2,3-Trichloropropane	mg/kg	0.0480	0.0468	2.51	20	96	WG379714
1,2,3-Trimethylbenzene	mg/kg	0.0497	0.0473	5.01	20	99	WG379714
1,2,4-Trichlorobenzene	mg/kg	0.0561	0.0503	10.9	20	112	WG379714
1,2,4-Trimethylbenzene	mg/kg	0.0527	0.0499	5.43	20	105	WG379714
1,2-Dibromo-3-Chloropropane	mg/kg	0.0597	0.0605	1.27	21	119	WG379714
1,2-Dibromoethane	mg/kg	0.0536	0.0518	3.30	20	107	WG379714
1,2-Dichlorobenzene	mg/kg	0.0510	0.0488	4.34	20	102	WG379714
1,2-Dichloroethane	mg/kg	0.0474	0.0473	0.164	20	95	WG379714
1,2-Dichloropropene	mg/kg	0.0529	0.0510	3.69	20	106	WG379714
1,3,5-Trimethylbenzene	mg/kg	0.0528	0.0506	4.25	20	106	WG379714
1,3-Dichlorobenzene	mg/kg	0.0527	0.0496	6.00	20	105	WG379714
1,3-Dichloropropane	mg/kg	0.0490	0.0476	2.92	20	98	WG379714
1,4-Dichlorobenzene	mg/kg	0.0468	0.0451	3.70	20	94	WG379714



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**Quality Assurance Report  
Level II**

L361688

September 03, 2008

2,2-Dichloropropane mg/kg 0.0550 0.0528 4.07 20 110 WG379714

Analyte	Laboratory Control		Sample Duplicate		Limit	%Rec	Batch
	Units	LCSD Res	Ref Res	RPD			
2-Butanone (MEK)	mg/kg	0.251	0.256	1.73	25	100	WG379714
2-Chloroethyl vinyl ether	mg/kg	0.257	0.241	6.68	39	103	WG379714
2-Chlorotoluene	mg/kg	0.0532	0.0514	3.47	20	106	WG379714
4-Chlorotoluene	mg/kg	0.0530	0.0505	4.73	20	106	WG379714
4-Methyl-2-pentanone (MIBK)	mg/kg	0.272	0.277	1.90	23	109	WG379714
Acetone	mg/kg	0.218	0.236	7.63	25	87	WG379714
Acrylonitrile	mg/kg	0.235	0.247	5.22	20	94	WG379714
Benzene	mg/kg	0.0455	0.0451	0.833	20	91	WG379714
Bromobenzene	mg/kg	0.0528	0.0509	3.76	20	106	WG379714
Bromodichloromethane	mg/kg	0.0520	0.0510	1.83	20	104	WG379714
Bromoform	mg/kg	0.0501	0.0493	1.60	20	100	WG379714
Bromomethane	mg/kg	0.0336	0.0344	2.46	20	67	WG379714
Carbon tetrachloride	mg/kg	0.0481	0.0482	0.253	20	96	WG379714
Chlorobenzene	mg/kg	0.0515	0.0489	5.13	20	103	WG379714
Chlorodibromomethane	mg/kg	0.0560	0.0543	3.10	20	112	WG379714
Chloroethane	mg/kg	0.0380	0.0394	3.55	20	76	WG379714
Chloroform	mg/kg	0.0482	0.0488	1.08	20	96	WG379714
Chloromethane	mg/kg	0.0373	0.0392	5.08	20	75	WG379714
cis-1,2-Dichloroethene	mg/kg	0.0497	0.0491	1.03	20	99	WG379714
cis-1,3-Dichloropropene	mg/kg	0.0545	0.0529	2.94	20	109	WG379714
Di-isopropyl ether	mg/kg	0.0516	0.0513	0.510	20	103	WG379714
Dibromomethane	mg/kg	0.0503	0.0496	1.30	20	101	WG379714
Dichlorodifluoromethane	mg/kg	0.0406	0.0433	6.45	22	81	WG379714
Ethylbenzene	mg/kg	0.0529	0.0502	5.13	20	106	WG379714
Hexachloro-1,3-butadiene	mg/kg	0.0581	0.0528	9.54	20	116	WG379714
Isopropylbenzene	mg/kg	0.0548	0.0524	4.48	20	110	WG379714
Methyl tert-butyl ether	mg/kg	0.0503	0.0509	1.16	20	101	WG379714
Methylene Chloride	mg/kg	0.0425	0.0424	0.125	20	85	WG379714
n-Butylbenzene	mg/kg	0.0529	0.0506	4.31	20	106	WG379714
n-Propylbenzene	mg/kg	0.0530	0.0506	4.63	20	106	WG379714
Naphthalene	mg/kg	0.0566	0.0534	5.77	20	113	WG379714
p-Isopropyltoluene	mg/kg	0.0434	0.0415	4.35	20	87	WG379714
sec-Butylbenzene	mg/kg	0.0450	0.0433	3.83	20	90	WG379714
Styrene	mg/kg	0.0520	0.0495	4.98	20	104	WG379714
tert-Butylbenzene	mg/kg	0.0533	0.0511	4.24	20	107	WG379714
Tetrachloroethene	mg/kg	0.0498	0.0485	2.58	20	100	WG379714
Toluene	mg/kg	0.0464	0.0448	3.49	20	93	WG379714
trans-1,2-Dichloroethene	mg/kg	0.0466	0.0471	1.11	20	93	WG379714
trans-1,3-Dichloropropene	mg/kg	0.0541	0.0524	3.33	20	108	WG379714
Trichloroethene	mg/kg	0.0487	0.0487	0.129	20	97	WG379714
Trichlorofluoromethane	mg/kg	0.0357	0.0386	7.71	20	71	WG379714
Vinyl chloride	mg/kg	0.0367	0.0386	5.10	20	73	WG379714
Xylenes, Total	mg/kg	0.154	0.147	5.03	20	103	WG379714
1,2,4-Trichlorobenzene	ppm	0.203	0.200	1.77	24	61	WG379820
2,4,6-Trichlorophenol	ppm	0.226	0.217	3.91	20	68	WG379820
2,4-Dichlorophenol	ppm	0.213	0.212	0.664	21	64	WG379820
2,4-Dimethylphenol	ppm	0.311	0.310	0.142	23	93	WG379820
2,4-Dinitrophenol	ppm	0.174	0.178	2.30	45	52	WG379820
2,4-Dinitrotoluene	ppm	0.222	0.210	5.38	23	67	WG379820
2,6-Dinitrotoluene	ppm	0.220	0.203	8.04	22	66	WG379820
2-Chloronaphthalene	ppm	0.219	0.224	2.05	20	66	WG379820
2-Chlorophenol	ppm	0.233	0.236	1.26	24	70	WG379820
2-Nitrophenol	ppm	0.236	0.233	1.34	24	71	WG379820
3,3-Dichlorobenzidine	ppm	0.151	0.134	11.8	35	45	WG379820
4,6-Dinitro-2-methylphenol	ppm	0.200	0.199	0.731	33	60	WG379820
4-Bromophenyl-phenylether	ppm	0.214	0.213	0.412	23	64	WG379820
4-Chloro-3-methylphenol	ppm	0.213	0.218	2.35	23	64	WG379820
4-Chlorophenyl-phenylether	ppm	0.246	0.228	7.49	22	74	WG379820



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L361688**

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Analyte	Units	LCSD	Res	Ref Res	RPD	Limit	%Rec	Batch
4-Nitrophenol	ppm	0.216	0.211	2.61	36	65		WG379820
Acenaphthene	ppm	0.227	0.221	2.73	20	68		WG379820
Acenaphthylene	ppm	0.231	0.222	3.66	20	69		WG379820
Anthracene	ppm	0.228	0.225	1.66	21	69		WG379820
Benzidine	ppm	0.0478	0.0536	11.4	50	14		WG379820
Benzo(a)anthracene	ppm	0.226	0.224	0.787	21	68		WG379820
Benzo(a)pyrene	ppm	0.234	0.231	1.37	22	70		WG379820
Benzo(b)fluoranthene	ppm	0.242	0.230	5.00	33	73		WG379820
Benzo(g,h,i)perylene	ppm	0.215	0.218	1.24	29	65		WG379820
Benzo(k)fluoranthene	ppm	0.225	0.233	3.56	37	68		WG379820
Benzylbutyl phthalate	ppm	0.271	0.266	1.63	27	81		WG379820
Bis(2-chloroethoxy)methane	ppm	0.259	0.258	0.197	21	78		WG379820
Bis(2-chloroethyl) ether	ppm	0.268	0.269	0.291	28	80		WG379820
Bis(2-chloroisopropyl) ether	ppm	0.261	0.268	2.88	25	78		WG379820
Bis(2-ethylhexyl) phthalate	ppm	0.267	0.270	1.20	29	80		WG379820
Chrysene	ppm	0.226	0.229	1.05	23	68		WG379820
Di-n-butyl phthalate	ppm	0.258	0.257	0.393	22	77		WG379820
Di-n-octyl phthalate	ppm	0.236	0.244	3.07	26	71		WG379820
Dibenz(a,h)anthracene	ppm	0.215	0.218	1.38	28	65		WG379820
Diethyl phthalate	ppm	0.222	0.217	2.49	20	67		WG379820
Dimethyl phthalate	ppm	0.246	0.237	4.04	20	74		WG379820
Fluoranthene	ppm	0.227	0.223	1.83	26	68		WG379820
Fluorene	ppm	0.224	0.218	2.80	20	67		WG379820
Hexachloro-1,3-butadiene	ppm	0.216	0.215	0.288	25	65		WG379820
Hexachlorobenzene	ppm	0.228	0.217	4.70	24	68		WG379820
Hexachlorocyclopentadiene	ppm	0.236	0.244	3.53	40	71		WG379820
Hexachloroethane	ppm	0.216	0.225	4.02	27	65		WG379820
Indeno(1,2,3-cd)pyrene	ppm	0.216	0.220	2.01	28	65		WG379820
Isophorone	ppm	0.232	0.232	0.267	21	70		WG379820
n-Nitrosodi-n-propylamine	ppm	0.295	0.305	3.37	21	89		WG379820
n-Nitrosodimethylamine	ppm	0.257	0.253	1.64	35	77		WG379820
n-Nitrosodiphenylamine	ppm	0.245	0.239	2.68	22	74		WG379820
Naphthalene	ppm	0.213	0.217	1.61	23	64		WG379820
Nitrobenzene	ppm	0.230	0.236	2.64	23	69		WG379820
Pentachlorophenol	ppm	0.221	0.225	1.53	28	66		WG379820
Phenanthrene	ppm	0.221	0.224	1.39	20	66		WG379820
Phenol	ppm	0.252	0.252	0.198	22	76		WG379820
Pyrene	ppm	0.238	0.230	3.42	26	71		WG379820

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
1,1,1,2-Tetrachloroethane	mg/kg	1.94	0.326	.05	64.4	29-145	L361624-09	WG379701
1,1,1-Trichloroethane	mg/kg	2.44	0.646	.05	71.8	23-147	L361624-09	WG379701
1,1,2,2-Tetrachloroethane	mg/kg	2.60	0.157	.05	97.6	18-150	L361624-09	WG379701
1,1,2-Trichloroethane	mg/kg	7.00	4.65	.05	93.8	35-140	L361624-09	WG379701
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	2.17	0.00	.05	86.7	10-145	L361624-09	WG379701
1,1-Dichloroethane	mg/kg	2.44	0.0432	.05	96.0	24-148	L361624-09	WG379701
1,1-Dichloroethene	mg/kg	2.34	0.00	.05	93.7	10-149	L361624-09	WG379701
1,1-Dichloropropene	mg/kg	2.43	0.00	.05	97.2	10-141	L361624-09	WG379701
1,2,3-Trichlorobenzene	mg/kg	2.18	0.00	.05	87.2	10-129	L361624-09	WG379701
1,2,3-Trichloropropene	mg/kg	2.57	0.285	.05	91.6	30-148	L361624-09	WG379701
1,2,3-Trimethylbenzene	mg/kg	2.76	0.350	.05	96.5	10-137	L361624-09	WG379701
1,2,4-Trichlorobenzene	mg/kg	2.10	0.00	.05	84.1	10-119	L361624-09	WG379701
1,2,4-Trimethylbenzene	mg/kg	1.93	0.0668	.05	74.7	10-145	L361624-09	WG379701
1,2-Dibromo-3-Chloropropene	mg/kg	2.45	0.00	.05	97.8	19-145	L361624-09	WG379701
1,2-Dibromoethane	mg/kg	1.95	0.00	.05	78.1	24-145	L361624-09	WG379701
1,2-Dichlorobenzene	mg/kg	2.40	0.393	.05	80.3	12-130	L361624-09	WG379701
1,2-Dichloroethane	mg/kg	2.66	0.00	.05	106.	21-155	L361624-09	WG379701
1,2-Dichloropropane	mg/kg	3.73	1.80	.05	77.3	28-144	L361624-09	WG379701



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SiTech Consulting, PC.  
Mr. Simon List  
9000 Breeland Way  
Raleigh, NC 27613

**Quality Assurance Report  
Level II  
L361688**

September 03, 2008

1,3,5-Trimethylbenzene mg/kg 2.62 0.874 .05 69.7 10-135 L361624-09 WG379701

Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
1,3-Dichlorobenzene	mg/kg	1.69	0.0611	.05	65.2	10-129	L361624-09	WG379701
1,3-Dichloropropane	mg/kg	1.94	0.00	.05	77.6	31-137	L361624-09	WG379701
1,4-Dichlorobenzene	mg/kg	2.21	0.188	.05	80.9	10-121	L361624-09	WG379701
2,2-Dichloropropane	mg/kg	2.36	0.696	.05	66.7	18-144	L361624-09	WG379701
2-Butanone (MEK)	mg/kg	15.7	3.36	.25	98.4	21-143	L361624-09	WG379701
2-Chloroethyl vinyl ether	mg/kg	29.2	15.1	.25	112.	0-176	L361624-09	WG379701
2-Chlorotoluene	mg/kg	1.93	0.304	.05	65.0	10-132	L361624-09	WG379701
4-Chlorotoluene	mg/kg	1.85	0.00	.05	73.8	10-129	L361624-09	WG379701
4-Methyl-2-pentanone (MIBK)	mg/kg	13.3	0.412	.25	103.	31-151	L361624-09	WG379701
Acetone	mg/kg	11.5	1.02	.25	83.8	13-158	L361624-09	WG379701
Acrylonitrile	mg/kg	12.9	0.155	.25	102.	20-154	L361624-09	WG379701
Benzene	mg/kg	2.38	0.00	.05	95.3	16-143	L361624-09	WG379701
Bromobenzene	mg/kg	2.45	0.503	.05	77.8	14-135	L361624-09	WG379701
Bromodichloromethane	mg/kg	3.75	1.11	.05	105.	27-139	L361624-09	WG379701
Bromoform	mg/kg	1.78	0.00	.05	71.1	21-144	L361624-09	WG379701
Bromomethane	mg/kg	0.479	0.0160	.05	18.5	0-180	L361624-09	WG379701
Carbon tetrachloride	mg/kg	2.42	0.135	.05	91.6	12-149	L361624-09	WG379701
Chlorobenzene	mg/kg	1.94	0.0498	.05	75.5	17-134	L361624-09	WG379701
Chlorodibromomethane	mg/kg	2.06	0.183	.05	74.9	28-147	L361624-09	WG379701
Chloroethane	mg/kg	0.952	0.157	.05	31.8	0-172	L361624-09	WG379701
Chloroform	mg/kg	2.62	0.379	.05	89.7	28-138	L361624-09	WG379701
Chloromethane	mg/kg	2.06	0.00	.05	82.5	10-158	L361624-09	WG379701
cis-1,2-Dichloroethene	mg/kg	2.40	0.0533	.05	93.9	21-147	L361624-09	WG379701
cis-1,3-Dichloropropene	mg/kg	2.69	0.00	.05	108.	17-145	L361624-09	WG379701
Di-isopropyl ether	mg/kg	2.48	0.00	.05	99.2	31-153	L361624-09	WG379701
Dibromomethane	mg/kg	2.53	0.0718	.05	98.2	24-147	L361624-09	WG379701
Dichlorodifluoromethane	mg/kg	2.21	0.00	.05	88.2	0-192	L361624-09	WG379701
Ethylbenzene	mg/kg	5.92	4.50	.05	56.7	12-137	L361624-09	WG379701
Hexachloro-1,3-butadiene	mg/kg	2.38	0.00	.05	95.1	10-123	L361624-09	WG379701
Isopropylbenzene	mg/kg	3.15	1.27	.05	75.2	14-134	L361624-09	WG379701
Methyl tert-butyl ether	mg/kg	3.01	0.00	.05	120.	21-157	L361624-09	WG379701
Methylene Chloride	mg/kg	2.13	0.0361	.05	83.6	12-149	L361624-09	WG379701
n-Butylbenzene	mg/kg	5.03	2.78	.05	90.1	10-130	L361624-09	WG379701
n-Propylbenzene	mg/kg	5.70	4.28	.05	56.7	10-130	L361624-09	WG379701
Naphthalene	mg/kg	5.01	2.90	.05	84.3	0-146	L361624-09	WG379701
p-Isopropyltoluene	mg/kg	2.50	0.485	.05	80.6	10-131	L361624-09	WG379701
sec-Butylbenzene	mg/kg	2.47	0.604	.05	74.6	10-134	L361624-09	WG379701
Styrene	mg/kg	1.80	0.205	.05	63.8	10-140	L361624-09	WG379701
tert-Butylbenzene	mg/kg	1.98	0.0582	.05	76.8	11-137	L361624-09	WG379701
Tetrachloroethene	mg/kg	1.71	0.0114	.05	68.1	10-131	L361624-09	WG379701
Toluene	mg/kg	2.38	0.00	.05	95.4	12-136	L361624-09	WG379701
trans-1,2-Dichloroethene	mg/kg	2.27	0.397	.05	74.7	10-143	L361624-09	WG379701
trans-1,3-Dichloropropene	mg/kg	2.73	0.00	.05	109.	16-147	L361624-09	WG379701
Trichloroethene	mg/kg	2.55	0.279	.05	90.7	10-155	L361624-09	WG379701
Trichlorofluoromethane	mg/kg	2.12	0.00	.05	85.0	10-154	L361624-09	WG379701
Vinyl chloride	mg/kg	1.99	0.00	.05	79.4	10-159	L361624-09	WG379701
Xylenes, Total	mg/kg	5.67	0.00	.15	75.6	10-138	L361624-09	WG379701
1,1,1,2-Tetrachloroethane	mg/kg	0.246	0.00	.05	98.2	29-145	L361741-09	WG379714
1,1,1-Trichloroethane	mg/kg	0.219	0.00	.05	87.6	23-147	L361741-09	WG379714
1,1,2,2-Tetrachloroethane	mg/kg	0.246	0.00	.05	98.3	18-150	L361741-09	WG379714
1,1,2-Trichloroethane	mg/kg	0.219	0.00	.05	87.6	35-140	L361741-09	WG379714
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.170	0.00	.05	68.0	10-145	L361741-09	WG379714
1,1-Dichloroethane	mg/kg	0.223	0.00	.05	89.3	24-148	L361741-09	WG379714
1,1-Dichloroethene	mg/kg	0.199	0.00	.05	79.7	10-149	L361741-09	WG379714
1,1-Dichloropropene	mg/kg	0.182	0.00	.05	72.6	10-141	L361741-09	WG379714
1,2,3-Trichlorobenzene	mg/kg	0.208	0.00	.05	83.1	10-129	L361741-09	WG379714
1,2,3-Trichloropropane	mg/kg	0.217	0.00	.05	87.0	30-148	L361741-09	WG379714
1,2,3-Trimethylbenzene	mg/kg	0.198	0.00	.05	79.3	10-137	L361741-09	WG379714



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**Quality Assurance Report  
Level II**

September 03, 2008

L361688

1,2,4-Trichlorobenzene mg/kg 0.187 0.00 .05 74.9 10-119 L361741-09 WG379714

Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
1,2,4-Trimethylbenzene	mg/kg	0.201	0.0003	.05	80.3	10-145	L361741-09	WG379714
1,2-Dibromo-3-Chloropropane	mg/kg	0.261	0.00	.05	105.	19-145	L361741-09	WG379714
1,2-Dibromoethane	mg/kg	0.228	0.00	.05	91.4	24-145	L361741-09	WG379714
1,2-Dichlorobenzene	mg/kg	0.206	0.00	.05	82.4	12-130	L361741-09	WG379714
1,2-Dichloroethane	mg/kg	0.206	0.00	.05	82.5	21-155	L361741-09	WG379714
1,2-Dichloropropane	mg/kg	0.224	0.00	.05	89.8	28-144	L361741-09	WG379714
1,3,5-Trimethylbenzene	mg/kg	0.203	0.00	.05	81.2	10-135	L361741-09	WG379714
1,3-Dichlorobenzene	mg/kg	0.201	0.00	.05	80.3	10-129	L361741-09	WG379714
1,3-Dichloropropane	mg/kg	0.212	0.00	.05	84.7	31-137	L361741-09	WG379714
1,4-Dichlorobenzene	mg/kg	0.177	0.00	.05	70.9	10-121	L361741-09	WG379714
2,2-Dichloropropane	mg/kg	0.241	0.00	.05	96.3	18-144	L361741-09	WG379714
2-Butanone (MEK)	mg/kg	1.08	0.00	.25	86.1	21-143	L361741-09	WG379714
2-Chloroethyl vinyl ether	mg/kg	0.986	0.00	.25	78.9	0-176	L361741-09	WG379714
2-Chlorotoluene	mg/kg	0.211	0.00	.05	84.5	10-132	L361741-09	WG379714
4-Chlorotoluene	mg/kg	0.203	0.00	.05	81.4	10-129	L361741-09	WG379714
4-Methyl-2-pentanone (MIBK)	mg/kg	1.12	0.00	.25	89.9	31-151	L361741-09	WG379714
Acetone	mg/kg	1.01	0.0191	.25	79.3	13-158	L361741-09	WG379714
Acrylonitrile	mg/kg	0.991	0.00	.25	79.3	20-154	L361741-09	WG379714
Benzene	mg/kg	0.189	0.00	.05	75.5	16-143	L361741-09	WG379714
Bromobenzene	mg/kg	0.216	0.00	.05	86.3	14-135	L361741-09	WG379714
Bromodichloromethane	mg/kg	0.227	0.00	.05	90.6	27-139	L361741-09	WG379714
Bromoform	mg/kg	0.226	0.00	.05	90.6	21-144	L361741-09	WG379714
Bromomethane	mg/kg	0.130	0.00	.05	52.0	0-180	L361741-09	WG379714
Carbon tetrachloride	mg/kg	0.204	0.00	.05	81.5	12-149	L361741-09	WG379714
Chlorobenzene	mg/kg	0.208	0.00	.05	83.3	17-134	L361741-09	WG379714
Chlorodibromomethane	mg/kg	0.250	0.00	.05	100.	28-147	L361741-09	WG379714
Chloroethane	mg/kg	0.150	0.00	.05	60.2	0-172	L361741-09	WG379714
Chloroform	mg/kg	0.218	0.00	.05	87.0	28-138	L361741-09	WG379714
Chloromethane	mg/kg	0.147	0.00	.05	59.0	10-158	L361741-09	WG379714
cis-1,2-Dichloroethene	mg/kg	0.214	0.00	.05	85.7	21-147	L361741-09	WG379714
cis-1,3-Dichloropropene	mg/kg	0.222	0.00	.05	89.0	17-145	L361741-09	WG379714
Di-isopropyl ether	mg/kg	0.231	0.00	.05	92.3	31-153	L361741-09	WG379714
Dibromomethane	mg/kg	0.208	0.00	.05	83.4	24-147	L361741-09	WG379714
Dichlorodifluoromethane	mg/kg	0.177	0.00	.05	70.7	0-192	L361741-09	WG379714
Ethylbenzene	mg/kg	0.202	0.00	.05	80.8	12-137	L361741-09	WG379714
Hexachloro-1,3-butadiene	mg/kg	0.188	0.00	.05	75.0	10-123	L361741-09	WG379714
Isopropylbenzene	mg/kg	0.217	0.00	.05	86.8	14-134	L361741-09	WG379714
Methyl tert-butyl ether	mg/kg	0.227	0.00	.05	90.7	21-157	L361741-09	WG379714
Methylene Chloride	mg/kg	0.183	0.00	.05	73.2	12-149	L361741-09	WG379714
n-Butylbenzene	mg/kg	0.179	0.00	.05	71.7	10-130	L361741-09	WG379714
n-Propylbenzene	mg/kg	0.197	0.00	.05	78.8	10-130	L361741-09	WG379714
Naphthalene	mg/kg	0.227	0.00	.05	91.0	0-146	L361741-09	WG379714
p-Isopropyltoluene	mg/kg	0.163	0.00	.05	65.2	10-131	L361741-09	WG379714
sec-Butylbenzene	mg/kg	0.178	0.00	.05	71.4	10-134	L361741-09	WG379714
Styrene	mg/kg	0.207	0.00	.05	82.9	10-140	L361741-09	WG379714
tert-Butylbenzene	mg/kg	0.220	0.00	.05	88.0	11-137	L361741-09	WG379714
Tetrachloroethene	mg/kg	0.178	0.00	.05	71.2	10-131	L361741-09	WG379714
Toluene	mg/kg	0.178	0.00	.05	71.1	12-136	L361741-09	WG379714
trans-1,2-Dichloroethene	mg/kg	0.190	0.00	.05	76.2	10-143	L361741-09	WG379714
trans-1,3-Dichloropropene	mg/kg	0.219	0.00	.05	87.6	16-147	L361741-09	WG379714
Trichloroethene	mg/kg	0.189	0.00	.05	75.6	10-155	L361741-09	WG379714
Trichlorofluoromethane	mg/kg	0.149	0.00	.05	59.6	10-154	L361741-09	WG379714
Vinyl chloride	mg/kg	0.141	0.00	.05	56.3	10-159	L361741-09	WG379714
Xylenes, Total	mg/kg	0.592	0.00	.15	79.0	10-138	L361741-09	WG379714
1,2,4-Trichlorobenzene	ppm	0.251	0.00	.333	75.5	37-104	L361371-15	WG379820
2,4,6-Trichlorophenol	ppm	0.255	0.00	.333	76.5	27-128	L361371-15	WG379820
2,4-Dichlorophenol	ppm	0.257	0.00	.333	77.3	39-116	L361371-15	WG379820
2,4-Dimethylphenol	ppm	0.381	0.00	.333	114.	50-119	L361371-15	WG379820



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L361688

2,4-Dinitrophenol ppm 0.0876 0.00 .333 26.3 10-123 L361371-15 WG379820

Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
2,4-Dinitrotoluene	ppm	0.214	0.00	.333	64.4	52-121	L361371-15	WG379820
2,6-Dinitrotoluene	ppm	0.223	0.00	.333	66.8	53-114	L361371-15	WG379820
2-Chloronaphthalene	ppm	0.260	0.00	.333	78.0	52-101	L361371-15	WG379820
2-Chlorophenol	ppm	0.278	0.00	.333	83.5	41-112	L361371-15	WG379820
2-Nitrophenol	ppm	0.238	0.00	.333	71.6	23-117	L361371-15	WG379820
3,3-Dichlorobenzidine	ppm	0.159	0.00	.333	47.7	10-133	L361371-15	WG379820
4,6-Dinitro-2-methylphenol	ppm	0.165	0.00	.333	49.4	10-124	L361371-15	WG379820
4-Bromophenyl-phenylether	ppm	0.231	0.00	.333	69.5	37-103	L361371-15	WG379820
4-Chloro-3-methylphenol	ppm	0.258	0.00	.333	77.6	52-119	L361371-15	WG379820
4-Chlorophenyl-phenylether	ppm	0.277	0.00	.333	83.1	53-105	L361371-15	WG379820
4-Nitrophenol	ppm	0.208	0.00	.333	62.4	15-140	L361371-15	WG379820
Acenaphthene	ppm	0.257	0.00	.333	77.1	52-102	L361371-15	WG379820
Acenaphthylene	ppm	0.264	0.00	.333	79.2	54-103	L361371-15	WG379820
Anthracene	ppm	0.244	0.00	.333	73.4	55-114	L361371-15	WG379820
Benzidine	ppm	0.0092	0.00	.333	2.7	0-45	L361371-15	WG379820
Benzo(a)anthracene	ppm	0.250	0.00	.333	75.1	37-124	L361371-15	WG379820
Benzo(a)pyrene	ppm	0.231	0.00	.333	69.3	44-129	L361371-15	WG379820
Benzo(b)fluoranthene	ppm	0.248	0.00	.333	74.4	28-135	L361371-15	WG379820
Benzo(g,h,i)perylene	ppm	0.225	0.00	.333	67.4	25-123	L361371-15	WG379820
Benzo(k)fluoranthene	ppm	0.217	0.00	.333	65.3	41-116	L361371-15	WG379820
Benzylbutyl phthalate	ppm	0.299	0.00	.333	89.7	45-143	L361371-15	WG379820
Bis(2-chloroethoxy)methane	ppm	0.299	0.00	.333	89.6	48-108	L361371-15	WG379820
Bis(2-chloroethyl)ether	ppm	0.311	0.00	.333	93.4	56-115	L361371-15	WG379820
Bis(2-chloroisopropyl)ether	ppm	0.313	0.00	.333	94.0	44-109	L361371-15	WG379820
Bis(2-ethylhexyl)phthalate	ppm	0.300	0.00	.333	90.0	40-128	L361371-15	WG379820
Chrysene	ppm	0.236	0.00	.333	70.7	39-119	L361371-15	WG379820
Di-n-butyl phthalate	ppm	0.283	0.00	.333	84.8	49-121	L361371-15	WG379820
Di-n-octyl phthalate	ppm	0.296	0.00	.333	88.8	40-132	L361371-15	WG379820
Dibenz(a,h)anthracene	ppm	0.233	0.00	.333	70.1	29-123	L361371-15	WG379820
Diethyl phthalate	ppm	0.263	0.00	.333	79.1	51-113	L361371-15	WG379820
Dimethyl phthalate	ppm	0.282	0.00	.333	84.8	54-108	L361371-15	WG379820
Fluoranthene	ppm	0.249	0.00	.333	74.7	23-143	L361371-15	WG379820
Fluorene	ppm	0.249	0.00	.333	74.9	53-107	L361371-15	WG379820
Hexachloro-1,3-butadiene	ppm	0.259	0.00	.333	77.7	39-113	L361371-15	WG379820
Hexachlorobenzene	ppm	0.239	0.00	.333	71.8	49-108	L361371-15	WG379820
Hexachlorocyclopentadiene	ppm	0.205	0.00	.333	61.5	10-131	L361371-15	WG379820
Hexachloroethane	ppm	0.259	0.00	.333	77.8	25-118	L361371-15	WG379820
Indeno(1,2,3-cd)pyrene	ppm	0.231	0.00	.333	69.3	28-125	L361371-15	WG379820
Isophorone	ppm	0.265	0.00	.333	79.5	51-115	L361371-15	WG379820
n-Nitrosodi-n-propylamine	ppm	0.342	0.00	.333	103	54-110	L361371-15	WG379820
n-Nitrosodimethylamine	ppm	0.277	0.00	.333	83.1	20-116	L361371-15	WG379820
n-Nitrosodiphenylamine	ppm	0.265	0.00	.333	79.7	54-138	L361371-15	WG379820
Naphthalene	ppm	0.255	0.00	.333	76.5	41-100	L361371-15	WG379820
Nitrobenzene	ppm	0.242	0.00	.333	72.6	40-102	L361371-15	WG379820
Pentachlorophenol	ppm	0.278	0.00	.333	83.6	10-146	L361371-15	WG379820
Phenanthrene	ppm	0.251	0.00	.333	75.2	37-125	L361371-15	WG379820
Phenol	ppm	0.290	0.00	.333	87.2	52-111	L361371-15	WG379820
Pyrene	ppm	0.246	0.00	.333	73.9	22-151	L361371-15	WG379820
Extractable Petroleum Hydrocarbon	mg/kg	0.00	8.70	60	0.0	50-100	L361688-02	WG380041
Extractable Petroleum Hydrocarbon	mg/kg	0.00	8.70	60	0.0	50-100	L361688-02	WG380041
C5-C8 Aliphatics	mg/kg	27.6	0.00	.75	87.5	70-130	L361176-08	WG380350
C9-C10 Aromatics	mg/kg	4.83	0.00	.1	115	70-130	L361176-08	WG380350
C9-C12 Aliphatics	mg/kg	22.2	0.00	.55	96.2	70-130	L361176-08	WG380350
Volatile Petroleum Hydrocarbons	mg/kg	45.0	0.00	.05	2140	70-130	L361176-08	WG380350

Analyte	Units	Matrix Spike Duplicate		RPD	Limit	%Rec	Ref Samp	Batch
		MSD Res	Ref Res					



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Mt. Juliet, TN 37122  
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1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

SiTech Consulting, PC.  
Mr. Simon List  
9000 Breeland Way  
Raleigh, NC 27613

**Quality Assurance Report  
Level II**

September 03, 2008

L361688

1,1,1,2-Tetrachloroethane	mg/kg	1.92	1.94	0.810	31	63.8	L361624-09	WG379701
1,1,1-Trichloroethane	mg/kg	2.45	2.44	0.284	32	72.1	L361624-09	WG379701
1,1,2,2-Tetrachloroethane	mg/kg	2.30	2.60	12.4	33	85.5	L361624-09	WG379701
1,1,2-Trichloroethane	mg/kg	7.12	7.00	1.71	29	98.6	L361624-09	WG379701
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	2.18	2.17	0.393	35	87.0	L361624-09	WG379701
1,1-Dichloroethane	mg/kg	2.48	2.44	1.64	31	97.6	L361624-09	WG379701
1,1-Dichloroethene	mg/kg	2.43	2.34	3.61	34	97.2	L361624-09	WG379701
1,1-Dichloropropene	mg/kg	2.46	2.43	1.18	34	98.4	L361624-09	WG379701
1,2,3-Trichlorobenzene	mg/kg	2.28	2.18	4.30	43	91.1	L361624-09	WG379701
1,2,3-Trichloropropane	mg/kg	2.22	2.57	14.9	32	77.3	L361624-09	WG379701
1,2,3-Trimethylbenzene	mg/kg	2.80	2.76	1.47	36	98.2	L361624-09	WG379701
1,2,4-Trichlorobenzene	mg/kg	2.20	2.10	4.50	44	88.0	L361624-09	WG379701
1,2,4-Trimethylbenzene	mg/kg	1.93	1.93	0.130	41	74.6	L361624-09	WG379701
1,2-Dibromo-3-Chloropropane	mg/kg	2.51	2.45	2.58	35	100.	L361624-09	WG379701
1,2-Dibromoethane	mg/kg	1.93	1.95	1.02	31	77.3	L361624-09	WG379701
1,2-Dichlorobenzene	mg/kg	2.45	2.40	1.92	35	82.1	L361624-09	WG379701
1,2-Dichloroethane	mg/kg	2.65	2.66	0.390	29	106.	L361624-09	WG379701
1,2-Dichloropropane	mg/kg	3.74	3.73	0.375	30	77.8	L361624-09	WG379701
1,3,5-Trimethylbenzene	mg/kg	2.61	2.62	0.0444	39	69.6	L361624-09	WG379701
1,3-Dichlorobenzene	mg/kg	1.70	1.69	0.398	38	65.4	L361624-09	WG379701
1,3-Dichloropropane	mg/kg	1.90	1.94	2.03	29	76.1	L361624-09	WG379701
1,4-Dichlorobenzene	mg/kg	2.24	2.21	1.20	36	82.0	L361624-09	WG379701
2,2-Dichloropropane	mg/kg	2.39	2.36	1.24	32	67.8	L361624-09	WG379701
2-Butanone (MEK)	mg/kg	16.5	15.7	5.07	37	105.	L361624-09	WG379701
2-Chloroethyl vinyl ether	mg/kg	32.5	29.2	10.7	50	139.	L361624-09	WG379701
2-Chlorotoluene	mg/kg	1.89	1.93	1.84	37	63.6	L361624-09	WG379701
4-Chlorotoluene	mg/kg	1.90	1.85	2.82	38	76.0	L361624-09	WG379701
4-Methyl-2-pentanone (MIBK)	mg/kg	13.7	13.3	2.45	36	106.	L361624-09	WG379701
Acetone	mg/kg	11.9	11.5	3.46	34	87.0	L361624-09	WG379701
Acrylonitrile	mg/kg	13.0	12.9	1.05	35	103.	L361624-09	WG379701
Benzene	mg/kg	2.42	2.38	1.71	31	97.0	L361624-09	WG379701
Bromobenzene	mg/kg	2.39	2.45	2.30	39	75.5	L361624-09	WG379701
Bromodichloromethane	mg/kg	3.82	3.75	1.82	30	108.	L361624-09	WG379701
Bromoform	mg/kg	1.75	1.78	1.44	34	70.1	L361624-09	WG379701
Bromomethane	mg/kg	0.394	0.479	19.6	41	15.1	L361624-09	WG379701
Carbon tetrachloride	mg/kg	2.47	2.42	1.82	34	93.3	L361624-09	WG379701
Chlorobenzene	mg/kg	1.93	1.94	0.486	34	75.1	L361624-09	WG379701
Chlorodibromomethane	mg/kg	2.04	2.06	0.757	32	74.3	L361624-09	WG379701
Chloroethane	mg/kg	0.797	0.952	17.8	38	25.6	L361624-09	WG379701
Chloroform	mg/kg	2.42	2.62	7.83	30	81.8	L361624-09	WG379701
Chloromethane	mg/kg	2.10	2.06	1.69	35	83.9	L361624-09	WG379701
cis-1,2-Dichloroethene	mg/kg	2.42	2.40	0.962	31	94.9	L361624-09	WG379701
cis-1,3-Dichloropropene	mg/kg	2.69	2.69	0.0159	32	108.	L361624-09	WG379701
Di-isopropyl ether	mg/kg	2.48	2.48	0.0411	29	99.2	L361624-09	WG379701
Dibromomethane	mg/kg	2.53	2.53	0.0559	30	98.2	L361624-09	WG379701
Dichlorodifluoromethane	mg/kg	2.25	2.21	2.10	38	90.1	L361624-09	WG379701
Ethylbenzene	mg/kg	5.80	5.92	2.07	36	51.9	L361624-09	WG379701
Hexachloro-1,3-butadiene	mg/kg	2.48	2.38	4.01	50	99.0	L361624-09	WG379701
Isopropylbenzene	mg/kg	3.08	3.15	2.21	37	72.4	L361624-09	WG379701
Methyl tert-butyl ether	mg/kg	3.13	3.01	3.99	31	125.	L361624-09	WG379701
Methylene Chloride	mg/kg	2.16	2.13	1.62	31	85.0	L361624-09	WG379701
n-Butylbenzene	mg/kg	5.11	5.03	1.51	48	93.1	L361624-09	WG379701
n-Propylbenzene	mg/kg	5.64	5.70	0.988	40	54.4	L361624-09	WG379701
Naphthalene	mg/kg	5.19	5.01	3.60	43	91.6	L361624-09	WG379701
p-Isopropyltoluene	mg/kg	2.49	2.50	0.463	43	80.2	L361624-09	WG379701
sec-Butylbenzene	mg/kg	2.44	2.47	1.16	43	73.5	L361624-09	WG379701
Styrene	mg/kg	1.79	1.80	0.775	35	63.2	L361624-09	WG379701
tert-Butylbenzene	mg/kg	1.93	1.98	2.22	39	75.0	L361624-09	WG379701
Tetrachloroethene	mg/kg	1.72	1.71	0.274	35	68.3	L361624-09	WG379701
Toluene	mg/kg	2.44	2.38	2.21	32	97.5	L361624-09	WG379701
trans-1,2-Dichloroethene	mg/kg	2.26	2.27	0.430	33	74.3	L361624-09	WG379701
trans-1,3-Dichloropropene	mg/kg	2.72	2.73	0.409	32	109.	L361624-09	WG379701
Trichloroethene	mg/kg	2.69	2.55	5.49	33	96.5	L361624-09	WG379701



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**Quality Assurance Report  
Level II  
L361688**

September 03, 2008

Trichlorofluoromethane mg/kg 2.12 2.12 0.322 32 84.7 L361624-09 WG379701

Analyte	Units	Matrix Spike Duplicate		RPD	Limit	%Rec	Ref Samp	Batch
		MSD Res	Ref Res					
Vinyl chloride	mg/kg	2.07	1.99	3.91	36	82.6	L361624-09	WG379701
Xylenes, Total	mg/kg	5.62	5.67	0.908	36	75.0	L361624-09	WG379701
1,1,1,2-Tetrachloroethane	mg/kg	0.255	0.246	3.95	31	102.	L361741-09	WG379714
1,1,1-Trichloroethane	mg/kg	0.229	0.219	4.60	32	91.7	L361741-09	WG379714
1,1,2,2-Tetrachloroethane	mg/kg	0.265	0.246	7.75	33	106.	L361741-09	WG379714
1,1,2-Trichloroethane	mg/kg	0.238	0.219	8.50	29	95.4	L361741-09	WG379714
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.165	0.170	3.32	35	65.8	L361741-09	WG379714
1,1-Dichloroethane	mg/kg	0.226	0.223	1.06	31	90.3	L361741-09	WG379714
1,1-Dichloroethene	mg/kg	0.203	0.199	1.92	34	81.2	L361741-09	WG379714
1,1-Dichloropropene	mg/kg	0.184	0.182	1.13	34	73.5	L361741-09	WG379714
1,2,3-Trichlorobenzene	mg/kg	0.224	0.208	7.36	43	89.5	L361741-09	WG379714
1,2,3-Trichloropropene	mg/kg	0.237	0.217	8.51	32	94.7	L361741-09	WG379714
1,2,3-Trimethylbenzene	mg/kg	0.207	0.198	4.15	36	82.7	L361741-09	WG379714
1,2,4-Trichlorobenzene	mg/kg	0.197	0.187	5.06	44	78.8	L361741-09	WG379714
1,2,4-Trimethylbenzene	mg/kg	0.199	0.201	0.851	41	79.6	L361741-09	WG379714
1,2-Dibromo-3-Chloropropane	mg/kg	0.290	0.261	10.4	35	116.	L361741-09	WG379714
1,2-Dibromoethane	mg/kg	0.245	0.228	6.86	31	97.9	L361741-09	WG379714
1,2-Dichlorobenzene	mg/kg	0.216	0.206	4.96	35	86.6	L361741-09	WG379714
1,2-Dichloroethane	mg/kg	0.218	0.206	5.36	29	87.0	L361741-09	WG379714
1,2-Dichloropropane	mg/kg	0.241	0.224	7.06	30	96.3	L361741-09	WG379714
1,3,5-Trimethylbenzene	mg/kg	0.208	0.203	2.25	39	83.0	L361741-09	WG379714
1,3-Dichlorobenzene	mg/kg	0.205	0.201	2.28	38	82.2	L361741-09	WG379714
1,3-Dichloropropane	mg/kg	0.227	0.212	6.77	29	90.6	L361741-09	WG379714
1,4-Dichlorobenzene	mg/kg	0.186	0.177	4.66	36	74.3	L361741-09	WG379714
2,2-Dichloropropane	mg/kg	0.257	0.241	6.37	32	103.	L361741-09	WG379714
2-Butanone (MEK)	mg/kg	1.22	1.08	12.6	37	97.6	L361741-09	WG379714
2-Chloroethyl vinyl ether	mg/kg	1.15	0.986	15.2	50	91.8	L361741-09	WG379714
2-Chlorotoluene	mg/kg	0.213	0.211	0.889	37	85.3	L361741-09	WG379714
4-Chlorotoluene	mg/kg	0.206	0.203	1.31	38	82.5	L361741-09	WG379714
4-Methyl-2-pentanone (MIBK)	mg/kg	1.33	1.12	16.7	36	106.	L361741-09	WG379714
Acetone	mg/kg	1.12	1.01	9.90	34	87.7	L361741-09	WG379714
Acrylonitrile	mg/kg	1.11	0.991	11.4	35	88.9	L361741-09	WG379714
Benzene	mg/kg	0.194	0.189	2.93	31	77.8	L361741-09	WG379714
Bromobenzene	mg/kg	0.221	0.216	2.21	39	88.2	L361741-09	WG379714
Bromodichloromethane	mg/kg	0.241	0.227	6.29	30	96.5	L361741-09	WG379714
Bromoform	mg/kg	0.239	0.226	5.59	34	95.8	L361741-09	WG379714
Bromomethane	mg/kg	0.129	0.130	0.565	41	51.7	L361741-09	WG379714
Carbon tetrachloride	mg/kg	0.210	0.204	3.28	34	84.2	L361741-09	WG379714
Chlorobenzene	mg/kg	0.212	0.208	1.75	34	84.8	L361741-09	WG379714
Chlorodibromomethane	mg/kg	0.264	0.250	5.40	32	106.	L361741-09	WG379714
Chloroethane	mg/kg	0.152	0.150	1.31	38	61.0	L361741-09	WG379714
Chloroform	mg/kg	0.224	0.218	2.77	30	89.5	L361741-09	WG379714
Chloromethane	mg/kg	0.152	0.147	3.20	35	60.9	L361741-09	WG379714
cis-1,2-Dichloroethene	mg/kg	0.218	0.214	1.91	31	87.3	L361741-09	WG379714
cis-1,3-Dichloropropene	mg/kg	0.235	0.222	5.54	32	94.0	L361741-09	WG379714
Di-isopropyl ether	mg/kg	0.238	0.231	3.28	29	95.4	L361741-09	WG379714
Dibromomethane	mg/kg	0.227	0.208	8.40	30	90.7	L361741-09	WG379714
Dichlorodifluoromethane	mg/kg	0.178	0.177	0.989	38	71.4	L361741-09	WG379714
Ethylbenzene	mg/kg	0.209	0.202	3.25	36	83.4	L361741-09	WG379714
Hexachloro-1,3-butadiene	mg/kg	0.199	0.188	6.06	50	79.7	L361741-09	WG379714
Isopropylbenzene	mg/kg	0.219	0.217	1.09	37	87.8	L361741-09	WG379714
Methyl tert-butyl ether	mg/kg	0.240	0.227	5.68	31	96.0	L361741-09	WG379714
Methylene Chloride	mg/kg	0.186	0.183	1.42	31	74.2	L361741-09	WG379714
n-Butylbenzene	mg/kg	0.185	0.179	3.10	48	74.0	L361741-09	WG379714
n-Propylbenzene	mg/kg	0.201	0.197	1.77	40	80.2	L361741-09	WG379714
Naphthalene	mg/kg	0.246	0.227	7.82	43	98.4	L361741-09	WG379714
p-Isopropyltoluene	mg/kg	0.164	0.163	0.431	43	65.4	L361741-09	WG379714
sec-Butylbenzene	mg/kg	0.178	0.178	0.0923	43	71.3	L361741-09	WG379714



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**Quality Assurance Report  
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September 03, 2008

L361688

Styrene mg/kg 0.216 0.207 4.24 35 86.4 L361741-09 WG379714

Analyte	Units	Matrix Spike Duplicate			RPD	Limit %Rec	Ref Samp	Batch
		MSD Res	Ref Res	Res				
tert-Butylbenzene	mg/kg	0.221	0.220	0.369	39	88.4	L361741-09	WG379714
Tetrachloroethene	mg/kg	0.180	0.178	0.900	35	71.9	L361741-09	WG379714
Toluene	mg/kg	0.191	0.178	7.15	32	76.3	L361741-09	WG379714
trans-1,2-Dichloroethene	mg/kg	0.193	0.190	1.31	33	77.2	L361741-09	WG379714
trans-1,3-Dichloropropene	mg/kg	0.239	0.219	8.56	32	95.5	L361741-09	WG379714
Trichloroethene	mg/kg	0.198	0.189	4.81	33	79.3	L361741-09	WG379714
Trichlorofluoromethane	mg/kg	0.149	0.149	0.127	32	59.6	L361741-09	WG379714
Vinyl chloride	mg/kg	0.144	0.141	2.54	36	57.7	L361741-09	WG379714
Xylenes, Total	mg/kg	0.614	0.592	3.69	36	81.9	L361741-09	WG379714
1,2,4-Trichlorobenzene	ppm	0.243	0.251	3.34	26	73.0	L361371-15	WG379820
2,4,6-Trichlorophenol	ppm	0.260	0.255	2.19	31	78.2	L361371-15	WG379820
2,4-Dichlorophenol	ppm	0.257	0.257	0.257	23	77.1	L361371-15	WG379820
2,4-Dimethylphenol	ppm	0.375	0.381	1.62	27	113.	L361371-15	WG379820
2,4-Dinitrophenol	ppm	0.102	0.0876	15.1	42	30.6	L361371-15	WG379820
2,4-Dinitrotoluene	ppm	0.254	0.214	16.9	23	76.2	L361371-15	WG379820
2,6-Dinitrotoluene	ppm	0.252	0.223	12.3	22	75.6	L361371-15	WG379820
2-Chloronaphthalene	ppm	0.257	0.260	1.00	20	77.2	L361371-15	WG379820
2-Chlorophenol	ppm	0.262	0.278	6.05	27	78.6	L361371-15	WG379820
2-Nitrophenol	ppm	0.247	0.238	3.57	31	74.2	L361371-15	WG379820
3,3-Dichlorobenzidine	ppm	0.203	0.159	24.4	41	60.9	L361371-15	WG379820
4,6-Dinitro-2-methylphenol	ppm	0.190	0.165	14.5	38	57.2	L361371-15	WG379820
4-Bromophenyl-phenylether	ppm	0.234	0.231	1.07	23	70.2	L361371-15	WG379820
4-Chloro-3-methylphenol	ppm	0.268	0.258	3.50	24	80.4	L361371-15	WG379820
4-Chlorophenyl-phenylether	ppm	0.277	0.277	0.224	20	83.3	L361371-15	WG379820
4-Nitrophenol	ppm	0.247	0.208	17.3	40	74.2	L361371-15	WG379820
Acenaphthene	ppm	0.256	0.257	0.218	23	76.9	L361371-15	WG379820
Acenaphthylene	ppm	0.263	0.264	0.133	22	79.4	L361371-15	WG379820
Anthracene	ppm	0.272	0.244	10.6	21	81.6	L361371-15	WG379820
Benzidine	ppm	0.0108	0.0092	14.8	50	3.24	L361371-15	WG379820
Benzo(a)anthracene	ppm	0.276	0.250	9.76	33	82.9	L361371-15	WG379820
Benzo(a)pyrene	ppm	0.260	0.231	12.1	27	78.2	L361371-15	WG379820
Benzo(b)fluoranthene	ppm	0.297	0.248	18.0	33	89.1	L361371-15	WG379820
Benzo(g,h,i)perylene	ppm	0.246	0.225	9.20	35	73.9	L361371-15	WG379820
Benzo(k)fluoranthene	ppm	0.232	0.217	6.68	34	69.8	L361371-15	WG379820
Benzylbutyl phthalate	ppm	0.330	0.299	9.88	39	99.0	L361371-15	WG379820
Bis(2-chloroethoxy)methane	ppm	0.298	0.299	0.0838	23	89.6	L361371-15	WG379820
Bis(2-chloroethyl)ether	ppm	0.289	0.311	7.37	30	86.8	L361371-15	WG379820
Bis(2-chloroisopropyl)ether	ppm	0.307	0.313	2.03	27	92.1	L361371-15	WG379820
Bis(2-ethylhexyl)phthalate	ppm	0.318	0.300	5.87	34	95.4	L361371-15	WG379820
Chrysene	ppm	0.280	0.236	17.1	31	84.0	L361371-15	WG379820
Di-n-butyl phthalate	ppm	0.299	0.283	5.66	22	89.8	L361371-15	WG379820
Di-n-octyl phthalate	ppm	0.305	0.296	3.00	27	91.5	L361371-15	WG379820
Dibenz(a,h)anthracene	ppm	0.258	0.233	9.97	30	77.5	L361371-15	WG379820
Diethyl phthalate	ppm	0.274	0.263	3.76	21	82.1	L361371-15	WG379820
Dimethyl phthalate	ppm	0.286	0.282	1.40	23	86.0	L361371-15	WG379820
Fluoranthene	ppm	0.280	0.249	11.9	29	84.1	L361371-15	WG379820
Fluorene	ppm	0.256	0.249	2.68	22	76.9	L361371-15	WG379820
Hexachloro-1,3-butadiene	ppm	0.253	0.259	2.05	26	76.1	L361371-15	WG379820
Hexachlorobenzene	ppm	0.238	0.239	0.567	27	71.4	L361371-15	WG379820
Hexachlorocyclopentadiene	ppm	0.177	0.205	14.3	39	53.3	L361371-15	WG379820
Hexachloroethane	ppm	0.253	0.259	2.59	35	75.8	L361371-15	WG379820
Indeno(1,2,3-cd)pyrene	ppm	0.254	0.231	9.44	32	76.2	L361371-15	WG379820
Isochlorone	ppm	0.259	0.265	2.08	22	77.9	L361371-15	WG379820
n-Nitrosodi-n-propylamine	ppm	0.323	0.342	5.49	23	97.1	L361371-15	WG379820
n-Nitrosodimethylamine	ppm	0.284	0.277	2.46	38	85.2	L361371-15	WG379820
n-Nitrosodiphenylamine	ppm	0.283	0.265	6.42	26	85.0	L361371-15	WG379820
Naphthalene	ppm	0.255	0.255	0.0903	26	76.6	L361371-15	WG379820
Nitrobenzene	ppm	0.256	0.242	5.75	24	76.9	L361371-15	WG379820



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Est. 1970

SiTech Consulting, PC.  
Mr. Simon List  
9000 Breeland Way  
Raleigh, NC 27613

**Quality Assurance Report  
Level II  
L361688**

September 03, 2008

Pentachlorophenol ppm 0.273 0.278 2.03 35 81.9 L361371-15 WG379820

Analyte	Units	Matrix Spike Duplicate		RPD	Limit	%Rec	Ref Samp	Batch
		MSD Res	Ref Res					
Phenanthrene	ppm	0.260	0.251	3.67	27	78.1	L361371-15	WG379820
Phenol	ppm	0.286	0.290	1.38	22	86.0	L361371-15	WG379820
Pyrene	ppm	0.275	0.246	10.9	38	82.5	L361371-15	WG379820
C11-C22 Aromatics	mg/kg	9.01	10.4	14.7	0	901.		WG380041
C19-C36 Aliphatics	mg/kg	11.9	8.29	35.9	0	1190		WG380041
C9-C18 Aliphatics	mg/kg	4.07	3.74	8.54	0	407.		WG380041
Extractable Petroleum Hydrocarbon	mg/kg	0.00	0.00	0.00	20	0.00	L361688-02	WG380041
Extractable Petroleum Hydrocarbon	mg/kg	0.00	0.00	0.00	20	0.00	L361688-02	WG380041
C5-C8 Aliphatics	mg/kg	29.5	27.6	6.69	25	93.6	L361176-08	WG380350
C9-C10 Aromatics	mg/kg	4.93	4.83	2.00	25	117.	L361176-08	WG380350
C9-C12 Aliphatics	mg/kg	22.3	22.2	0.559	25	96.8	L361176-08	WG380350
Volatile Petroleum Hydrocarbons	mg/kg	46.9	45.0	4.21	0	2230	L361176-08	WG380350

Batch number /Run number / Sample number cross reference

WG379714: R452486: L361688-03  
 WG379701: R453025: L361688-01 02  
 WG379820: R454065: L361688-01 02 03  
 WG380336: R454756: L361688-01 02 03  
 WG380350: R455725: L361688-01 02 03  
 WG380041: R455744: L361688-01 02 03

\* \* Calculations are performed prior to rounding of reported values .



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Quality Assurance Report  
Level II  
L361688

September 03, 2008

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.





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Mr. Simon List  
SiTech Consulting, PC.  
9000 BreeLand Way

Raleigh, NC 27613

Report Summary

Monday August 18, 2008

Report Number: L359037

Samples Received: 08/08/08

Client Project: 1252

Description: Broadstone Station

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

*Terrie Fudge*  
Terrie Fudge, ESC representative

*Laboratory Certification Numbers*

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487  
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140  
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233  
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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5 Samples Reported: 08/18/08 16:49 Printed: 08/18/08 16:50

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**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeeland Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES SIDE 1 5-6FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359037-01

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	76.2		%	2540G	08/14/08	1
Volatile Petroleum Hydrocarbons	43.	26.	mg/kg	MADEPV	08/14/08	200
C5-C8 Aliphatics	BDL	26.	mg/kg	MADEPV	08/14/08	200
C9-C12 Aliphatics	120	26.	mg/kg	MADEPV	08/14/08	200
C9-C10 Aromatics	74.	26.	mg/kg	MADEPV	08/14/08	200
Surrogate Recovery						
2,5-Dibromotoluene (FID)	87.4		% Rec.	MADEPV	08/14/08	200
2,5-Dibromotoluene (PID)	88.9		% Rec.	MADEPV	08/14/08	200
Volatile Organics						
Acetone	BDL	3.4	mg/kg	8260B	08/10/08	52
Acrylonitrile	BDL	0.68	mg/kg	8260B	08/10/08	52
Benzene	BDL	0.068	mg/kg	8260B	08/10/08	52
Bromobenzene	BDL	0.068	mg/kg	8260B	08/10/08	52
Bromodichloromethane	BDL	0.068	mg/kg	8260B	08/10/08	52
Bromoform	BDL	0.068	mg/kg	8260B	08/10/08	52
Bromomethane	BDL	0.34	mg/kg	8260B	08/10/08	52
n-Butylbenzene	0.59	0.068	mg/kg	8260B	08/10/08	52
sec-Butylbenzene	0.61	0.068	mg/kg	8260B	08/10/08	52
tert-Butylbenzene	BDL	0.068	mg/kg	8260B	08/10/08	52
Carbon tetrachloride	BDL	0.068	mg/kg	8260B	08/10/08	52
Chlorobenzene	BDL	0.068	mg/kg	8260B	08/10/08	52
Chlorodibromomethane	BDL	0.068	mg/kg	8260B	08/10/08	52
Chloroethane	BDL	0.34	mg/kg	8260B	08/10/08	52
2-Chloroethyl vinyl ether	BDL	3.4	mg/kg	8260B	08/10/08	52
Chloroform	BDL	0.34	mg/kg	8260B	08/10/08	52
Chloromethane	0.068	0.068	mg/kg	8260B	08/10/08	52
2-Chlorotoluene	BDL	0.068	mg/kg	8260B	08/10/08	52
4-Chlorotoluene	BDL	0.068	mg/kg	8260B	08/10/08	52
1,2-Dibromo-3-Chloropropane	BDL	0.34	mg/kg	8260B	08/10/08	52
1,2-Dibromoethane	BDL	0.068	mg/kg	8260B	08/10/08	52
Dibromomethane	BDL	0.068	mg/kg	8260B	08/10/08	52
1,2-Dichlorobenzene	BDL	0.068	mg/kg	8260B	08/10/08	52
1,3-Dichlorobenzene	BDL	0.068	mg/kg	8260B	08/10/08	52
1,4-Dichlorobenzene	BDL	0.068	mg/kg	8260B	08/10/08	52
Dichlorodifluoromethane	BDL	0.34	mg/kg	8260B	08/10/08	52
1,1-Dichloroethane	BDL	0.068	mg/kg	8260B	08/10/08	52
1,2-Dichloroethane	BDL	0.068	mg/kg	8260B	08/10/08	52
1,1-Dichloroethene	BDL	0.068	mg/kg	8260B	08/10/08	52
cis-1,2-Dichloroethene	BDL	0.068	mg/kg	8260B	08/10/08	52
trans-1,2-Dichloroethene	BDL	0.068	mg/kg	8260B	08/10/08	52
1,2-Dichloropropane	BDL	0.068	mg/kg	8260B	08/10/08	52
1,1-Dichloropropene	BDL	0.068	mg/kg	8260B	08/10/08	52

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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**REPORT OF ANALYSIS**

August 18, 2008

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breezeland Way  
Raleigh, NC 27613

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES SIDE 1 5-6FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : I359037-01

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.068	mg/kg	8260B	08/10/08	52
cis-1,3-Dichloropropene	BDL	0.068	mg/kg	8260B	08/10/08	52
trans-1,3-Dichloropropene	BDL	0.068	mg/kg	8260B	08/10/08	52
2,2-Dichloropropane	BDL	0.068	mg/kg	8260B	08/10/08	52
Di-isopropyl ether	BDL	0.068	mg/kg	8260B	08/10/08	52
Ethylbenzene	0.62	0.068	mg/kg	8260B	08/10/08	52
Hexachloro-1,3-butadiene	BDL	0.068	mg/kg	8260B	08/10/08	52
Isopropylbenzene	0.35	0.068	mg/kg	8260B	08/10/08	52
p-Isopropyltoluene	0.88	0.068	mg/kg	8260B	08/10/08	52
2-Butanone (MEK)	BDL	0.68	mg/kg	8260B	08/10/08	52
Methylene Chloride	BDL	0.34	mg/kg	8260B	08/10/08	52
4-Methyl-2-pentanone (MIBK)	BDL	0.68	mg/kg	8260B	08/10/08	52
Methyl tert-butyl ether	BDL	0.068	mg/kg	8260B	08/10/08	52
Naphthalene	4.0	0.34	mg/kg	8260B	08/10/08	52
n-Propylbenzene	0.69	0.068	mg/kg	8260B	08/10/08	52
Styrene	BDL	0.068	mg/kg	8260B	08/10/08	52
1,1,1,2-Tetrachloroethane	BDL	0.068	mg/kg	8260B	08/10/08	52
1,1,2,2-Tetrachloroethane	BDL	0.068	mg/kg	8260B	08/10/08	52
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.068	mg/kg	8260B	08/10/08	52
Tetrachloroethene	BDL	0.068	mg/kg	8260B	08/10/08	52
Toluene	BDL	0.34	mg/kg	8260B	08/10/08	52
1,2,3-Trichlorobenzene	BDL	0.068	mg/kg	8260B	08/10/08	52
1,2,4-Trichlorobenzene	BDL	0.068	mg/kg	8260B	08/10/08	52
1,1,1-Trichloroethane	BDL	0.068	mg/kg	8260B	08/10/08	52
1,1,2-Trichloroethane	BDL	0.068	mg/kg	8260B	08/10/08	52
Trichloroethene	BDL	0.068	mg/kg	8260B	08/10/08	52
Trichlorofluoromethane	BDL	0.34	mg/kg	8260B	08/10/08	52
1,2,3-Trichloropropane	BDL	0.068	mg/kg	8260B	08/10/08	52
1,2,4-Trimethylbenzene	5.2	0.068	mg/kg	8260B	08/10/08	52
1,2,3-Trimethylbenzene	1.8	0.068	mg/kg	8260B	08/10/08	52
1,3,5-Trimethylbenzene	1.9	0.068	mg/kg	8260B	08/10/08	52
Vinyl chloride	BDL	0.068	mg/kg	8260B	08/10/08	52
Xylenes, Total	3.3	0.20	mg/kg	8260B	08/10/08	52
Surrogate Recovery						
Toluene-d8	109.		% Rec.	8260B	08/10/08	52
Dibromofluoromethane	117.		% Rec.	8260B	08/10/08	52
4-Bromofluorobenzene	154.		% Rec.	8260B	08/10/08	52
Extractable Petroleum Hydrocarb	7000	170	mg/kg	MADEPE	08/14/08	20
C9-C18 Aliphatics	4600	170	mg/kg	MADEPE	08/14/08	20
C19-C36 Aliphatics	660	170	mg/kg	MADEPE	08/14/08	20
C11-C22 Aromatics	1700	170	mg/kg	MADEPE	08/14/08	20
Surrogate Recovery						
o-Terphenyl	0.00		% Rec.	MADEPE	08/14/08	20

Results listed are dry weight basis.

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**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breezland Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES SIDE 1 5-6FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359037-01

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1-Chloro-octadecane	0.00		% Rec.	MADEPE	08/14/08	20
2-Fluorobiphenyl	0.00		% Rec.	MADEPE	08/14/08	20
2-Bromonaphthanene	0.00		% Rec.	MADEPE	08/14/08	20
<b>Base/Neutral Extractables</b>						
Acenaphthene	BDL	0.43	mg/kg	8270C	08/12/08	1
Acenaphthylene	BDL	0.43	mg/kg	8270C	08/12/08	1
Anthracene	1.8	0.43	mg/kg	8270C	08/12/08	1
Benzidine	BDL	0.43	mg/kg	8270C	08/12/08	1
Benzo (a) anthracene	BDL	0.43	mg/kg	8270C	08/12/08	1
Benzo (b) fluoranthene	BDL	0.43	mg/kg	8270C	08/12/08	1
Benzo (k) fluoranthene	BDL	0.43	mg/kg	8270C	08/12/08	1
Benzo (g, h, i) perylene	BDL	0.43	mg/kg	8270C	08/12/08	1
Benzo (a) pyrene	BDL	0.43	mg/kg	8270C	08/12/08	1
Bis (2-chlorethoxy) methane	BDL	0.43	mg/kg	8270C	08/12/08	1
Bis (2-chloroethyl) ether	BDL	0.43	mg/kg	8270C	08/12/08	1
Bis (2-chloroisopropyl) ether	BDL	0.43	mg/kg	8270C	08/12/08	1
4-Bromophenyl-phenylether	BDL	0.43	mg/kg	8270C	08/12/08	1
2-Chloronaphthalene	BDL	0.43	mg/kg	8270C	08/12/08	1
4-Chlorophenyl-phenylether	BDL	0.43	mg/kg	8270C	08/12/08	1
Chrysene	BDL	0.43	mg/kg	8270C	08/12/08	1
Dibenz (a, h) anthracene	BDL	0.43	mg/kg	8270C	08/12/08	1
3,3-Dichlorobenzidine	BDL	0.43	mg/kg	8270C	08/12/08	1
2,4-Dinitrotoluene	BDL	0.43	mg/kg	8270C	08/12/08	1
2,6-Dinitrotoluene	BDL	0.43	mg/kg	8270C	08/12/08	1
Fluoranthene	BDL	0.43	mg/kg	8270C	08/12/08	1
Fluorene	BDL	0.43	mg/kg	8270C	08/12/08	1
Hexachlorobenzene	BDL	0.43	mg/kg	8270C	08/12/08	1
Hexachloro-1,3-butadiene	BDL	0.43	mg/kg	8270C	08/12/08	1
Hexachlorocyclopentadiene	BDL	0.43	mg/kg	8270C	08/12/08	1
Hexachloroethane	BDL	0.43	mg/kg	8270C	08/12/08	1
Indeno (1,2,3-cd) pyrene	BDL	0.43	mg/kg	8270C	08/12/08	1
Isophorone	BDL	0.43	mg/kg	8270C	08/12/08	1
Naphthalene	0.48	0.43	mg/kg	8270C	08/12/08	1
Nitrobenzene	BDL	0.43	mg/kg	8270C	08/12/08	1
n-Nitrosodimethylamine	BDL	0.43	mg/kg	8270C	08/12/08	1
n-Nitrosodiphenylamine	BDL	0.43	mg/kg	8270C	08/12/08	1
n-Nitrosodi-n-propylamine	BDL	0.43	mg/kg	8270C	08/12/08	1
Phenanthrene	5.3	0.43	mg/kg	8270C	08/12/08	1
Benzylbutyl phthalate	BDL	0.43	mg/kg	8270C	08/12/08	1
Bis (2-ethylhexyl) phthalate	BDL	0.43	mg/kg	8270C	08/12/08	1
Di-n-butyl phthalate	BDL	0.43	mg/kg	8270C	08/12/08	1
Diethyl phthalate	BDL	0.43	mg/kg	8270C	08/12/08	1
Dimethyl phthalate	BDL	0.43	mg/kg	8270C	08/12/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeiland Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES SIDE 1 5-6FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359037-01

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-n-octyl phthalate	BDL	0.43	mg/kg	8270C	08/12/08	1
Pyrene	1.4	0.43	mg/kg	8270C	08/12/08	1
1,2,4-Trichlorobenzene	BDL	0.43	mg/kg	8270C	08/12/08	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.43	mg/kg	8270C	08/12/08	1
2-Chlorophenol	BDL	0.43	mg/kg	8270C	08/12/08	1
2,4-Dichlorophenol	BDL	0.43	mg/kg	8270C	08/12/08	1
2,4-Dimethylphenol	BDL	0.43	mg/kg	8270C	08/12/08	1
4,6-Dinitro-2-methylphenol	BDL	0.43	mg/kg	8270C	08/12/08	1
2,4-Dinitrophenol	BDL	0.43	mg/kg	8270C	08/12/08	1
2-Nitrophenol	BDL	0.43	mg/kg	8270C	08/12/08	1
4-Nitrophenol	BDL	0.43	mg/kg	8270C	08/12/08	1
Pentachlorophenol	BDL	0.43	mg/kg	8270C	08/12/08	1
Phenol	BDL	0.43	mg/kg	8270C	08/12/08	1
2,4,6-Trichlorophenol	BDL	0.43	mg/kg	8270C	08/12/08	1
Surrogate Recovery						
Nitrobenzene-d5	33.6		% Rec.	8270C	08/12/08	1
2-Fluorobiphenyl	61.2		% Rec.	8270C	08/12/08	1
p-Terphenyl-d14	127.		% Rec.	8270C	08/12/08	1
Phenol-d5	111.		% Rec.	8270C	08/12/08	1
2-Fluorophenol	117.		% Rec.	8270C	08/12/08	1
2,4,6-Tribromophenol	55.7		% Rec.	8270C	08/12/08	1

Results listed are dry weight basis.

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Reported: 08/18/08 16:49 Printed: 08/18/08 16:50



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Tax I.D. 62-0814289

Est. 1970

**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeleand Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES SIDE 2 5-6FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359037-02

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	80.5		%	2540G	08/14/08	1
Volatile Petroleum Hydrocarbons	BDL	25.	mg/kg	MADEPV	08/14/08	200
C5-C8 Aliphatics	BDL	25.	mg/kg	MADEPV	08/14/08	200
C9-C12 Aliphatics	67.	25.	mg/kg	MADEPV	08/14/08	200
C9-C10 Aromatics	43.	25.	mg/kg	MADEPV	08/14/08	200
Surrogate Recovery						
2,5-Dibromotoluene (FID)	89.2		% Rec.	MADEPV	08/14/08	200
2,5-Dibromotoluene (PID)	89.4		% Rec.	MADEPV	08/14/08	200
Volatile Organics						
Acetone	BDL	2.8	mg/kg	8260B	08/11/08	45
Acrylonitrile	BDL	0.56	mg/kg	8260B	08/11/08	45
Benzene	BDL	0.056	mg/kg	8260B	08/11/08	45
Bromobenzene	BDL	0.056	mg/kg	8260B	08/11/08	45
Bromodichloromethane	BDL	0.056	mg/kg	8260B	08/11/08	45
Bromoform	BDL	0.056	mg/kg	8260B	08/11/08	45
Bromomethane	BDL	0.28	mg/kg	8260B	08/11/08	45
n-Butylbenzene	0.22	0.056	mg/kg	8260B	08/11/08	45
sec-Butylbenzene	0.14	0.056	mg/kg	8260B	08/11/08	45
tert-Butylbenzene	0.17	0.056	mg/kg	8260B	08/11/08	45
Carbon tetrachloride	BDL	0.056	mg/kg	8260B	08/11/08	45
Chlorobenzene	BDL	0.056	mg/kg	8260B	08/11/08	45
Chlorodibromomethane	BDL	0.056	mg/kg	8260B	08/11/08	45
Chloroethane	BDL	0.28	mg/kg	8260B	08/11/08	45
2-Chloroethyl vinyl ether	BDL	2.8	mg/kg	8260B	08/11/08	45
Chloroform	BDL	0.28	mg/kg	8260B	08/11/08	45
Chloromethane	BDL	0.056	mg/kg	8260B	08/11/08	45
2-Chlorotoluene	BDL	0.056	mg/kg	8260B	08/11/08	45
4-Chlorotoluene	BDL	0.056	mg/kg	8260B	08/11/08	45
1,2-Dibromo-3-Chloropropane	BDL	0.28	mg/kg	8260B	08/11/08	45
1,2-Dibromoethane	BDL	0.056	mg/kg	8260B	08/11/08	45
Dibromomethane	BDL	0.056	mg/kg	8260B	08/11/08	45
1,2-Dichlorobenzene	BDL	0.056	mg/kg	8260B	08/11/08	45
1,3-Dichlorobenzene	BDL	0.056	mg/kg	8260B	08/11/08	45
1,4-Dichlorobenzene	BDL	0.056	mg/kg	8260B	08/11/08	45
Dichlorodifluoromethane	BDL	0.28	mg/kg	8260B	08/11/08	45
1,1-Dichloroethane	BDL	0.056	mg/kg	8260B	08/11/08	45
1,2-Dichloroethane	BDL	0.056	mg/kg	8260B	08/11/08	45
1,1-Dichloroethene	BDL	0.056	mg/kg	8260B	08/11/08	45
cis-1,2-Dichloroethene	BDL	0.056	mg/kg	8260B	08/11/08	45
trans-1,2-Dichloroethene	BDL	0.056	mg/kg	8260B	08/11/08	45
1,2-Dichloropropane	BDL	0.056	mg/kg	8260B	08/11/08	45
1,1-Dichloropropene	BDL	0.056	mg/kg	8260B	08/11/08	45

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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L359037-02 (V8260) - Non-target compounds too high to run at a lower dilution.



**ENVIRONMENTAL  
SCIENCE CORP.**

12065 Lebanon Rd.  
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(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeland Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES SIDE 2 5-6FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359037-02

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.056	mg/kg	8260B	08/11/08	45
cis-1,3-Dichloropropene	BDL	0.056	mg/kg	8260B	08/11/08	45
trans-1,3-Dichloropropene	BDL	0.056	mg/kg	8260B	08/11/08	45
2,2-Dichloropropane	BDL	0.056	mg/kg	8260B	08/11/08	45
Di-isopropyl ether	BDL	0.056	mg/kg	8260B	08/11/08	45
Ethylbenzene	0.16	0.056	mg/kg	8260B	08/11/08	45
Hexachloro-1,3-butadiene	BDL	0.056	mg/kg	8260B	08/11/08	45
Isopropylbenzene	0.081	0.056	mg/kg	8260B	08/11/08	45
p-Isopropyltoluene	0.41	0.056	mg/kg	8260B	08/11/08	45
2-Butanone (MEK)	BDL	0.56	mg/kg	8260B	08/11/08	45
Methylene Chloride	BDL	0.28	mg/kg	8260B	08/11/08	45
4-Methyl-2-pentanone (MIBK)	BDL	0.56	mg/kg	8260B	08/11/08	45
Methyl tert-butyl ether	BDL	0.056	mg/kg	8260B	08/11/08	45
Naphthalene	1.3	0.28	mg/kg	8260B	08/11/08	45
n-Propylbenzene	0.18	0.056	mg/kg	8260B	08/11/08	45
Styrene	BDL	0.056	mg/kg	8260B	08/11/08	45
1,1,1,2-Tetrachloroethane	BDL	0.056	mg/kg	8260B	08/11/08	45
1,1,2,2-Tetrachloroethane	BDL	0.056	mg/kg	8260B	08/11/08	45
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.056	mg/kg	8260B	08/11/08	45
Tetrachloroethene	BDL	0.056	mg/kg	8260B	08/11/08	45
Toluene	BDL	0.28	mg/kg	8260B	08/11/08	45
1,2,3-Trichlorobenzene	BDL	0.056	mg/kg	8260B	08/11/08	45
1,2,4-Trichlorobenzene	BDL	0.056	mg/kg	8260B	08/11/08	45
1,1,1-Trichloroethane	BDL	0.056	mg/kg	8260B	08/11/08	45
1,1,2-Trichloroethane	BDL	0.056	mg/kg	8260B	08/11/08	45
Trichloroethene	BDL	0.056	mg/kg	8260B	08/11/08	45
Trichlorofluoromethane	BDL	0.28	mg/kg	8260B	08/11/08	45
1,2,3-Trichloropropane	BDL	0.056	mg/kg	8260B	08/11/08	45
1,2,4-Trimethylbenzene	1.1	0.056	mg/kg	8260B	08/11/08	45
1,2,3-Trimethylbenzene	0.52	0.056	mg/kg	8260B	08/11/08	45
1,3,5-Trimethylbenzene	0.48	0.056	mg/kg	8260B	08/11/08	45
Vinyl chloride	BDL	0.056	mg/kg	8260B	08/11/08	45
Xylenes, Total	1.0	0.17	mg/kg	8260B	08/11/08	45
Surrogate Recovery						
Toluene-d8	98.1		% Rec.	8260B	08/11/08	45
Dibromofluoromethane	92.6		% Rec.	8260B	08/11/08	45
4-Bromofluorobenzene	115.		% Rec.	8260B	08/11/08	45
Extractable Petroleum Hydrocarb	3000	160	mg/kg	MADEPE	08/14/08	20
C9-C18 Aliphatics	1900	160	mg/kg	MADEPE	08/14/08	20
C19-C36 Aliphatics	300	8.1	mg/kg	MADEPE	08/13/08	1
C11-C22 Aromatics	820	160	mg/kg	MADEPE	08/14/08	20
Surrogate Recovery						
o-Terphenyl	0.00		% Rec.	MADEPE	08/14/08	20

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BDL - Below Detection Limit

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L359037-02 (V8260) - Non-target compounds too high to run at a lower dilution.



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9000 Breeiland Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES SIDE 2 5-6FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359037-02

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1-Chloro-octadecane	0.00		% Rec.	MADEPE	08/14/08	20
2-Fluorobiphenyl	0.00		% Rec.	MADEPE	08/14/08	20
2-Bromonaphthanene	0.00		% Rec.	MADEPE	08/14/08	20
<b>Base/Neutral Extractables</b>						
Acenaphthene	BDL	0.41	mg/kg	8270C	08/12/08	1
Acenaphthylene	BDL	0.41	mg/kg	8270C	08/12/08	1
Anthracene	0.50	0.41	mg/kg	8270C	08/12/08	1
Benzidine	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo(a)anthracene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo(b)fluoranthene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo(k)fluoranthene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo(g,h,i)perylene	BDL	0.41	mg/kg	8270C	08/12/08	1
Benzo(a)pyrene	BDL	0.41	mg/kg	8270C	08/12/08	1
Bis(2-chlorethoxy)methane	BDL	0.41	mg/kg	8270C	08/12/08	1
Bis(2-chloroethyl)ether	BDL	0.41	mg/kg	8270C	08/12/08	1
Bis(2-chloroisopropyl)ether	BDL	0.41	mg/kg	8270C	08/12/08	1
4-Bromophenyl-phenylether	BDL	0.41	mg/kg	8270C	08/12/08	1
2-Chloronaphthalene	BDL	0.41	mg/kg	8270C	08/12/08	1
4-Chlorophenyl-phenylether	BDL	0.41	mg/kg	8270C	08/12/08	1
Chrysene	BDL	0.41	mg/kg	8270C	08/12/08	1
Dibenz(a,h)anthracene	BDL	0.41	mg/kg	8270C	08/12/08	1
3,3-Dichlorobenzidine	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4-Dinitrotoluene	BDL	0.41	mg/kg	8270C	08/12/08	1
2,6-Dinitrotoluene	BDL	0.41	mg/kg	8270C	08/12/08	1
Fluoranthene	BDL	0.41	mg/kg	8270C	08/12/08	1
Fluorene	BDL	0.41	mg/kg	8270C	08/12/08	1
Hexachlorobenzene	BDL	0.41	mg/kg	8270C	08/12/08	1
Hexachloro-1,3-butadiene	BDL	0.41	mg/kg	8270C	08/12/08	1
Hexachlorocyclopentadiene	BDL	0.41	mg/kg	8270C	08/12/08	1
Hexachloroethane	BDL	0.41	mg/kg	8270C	08/12/08	1
Indeno(1,2,3-cd)pyrene	BDL	0.41	mg/kg	8270C	08/12/08	1
Isophorone	BDL	0.41	mg/kg	8270C	08/12/08	1
Naphthalene	1.6	0.41	mg/kg	8270C	08/12/08	1
Nitrobenzene	BDL	0.41	mg/kg	8270C	08/12/08	1
n-Nitrosodimethylamine	BDL	0.41	mg/kg	8270C	08/12/08	1
n-Nitrosodiphenylamine	BDL	0.41	mg/kg	8270C	08/12/08	1
n-Nitrosodi-n-propylamine	BDL	0.41	mg/kg	8270C	08/12/08	1
Phenanthrene	2.4	0.41	mg/kg	8270C	08/12/08	1
Benzylbutyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Bis(2-ethylhexyl)phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Di-n-butyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Diethyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Dimethyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1

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L359037-02 (V8260) - Non-target compounds too high to run at a lower dilution.



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9000 Breeleand Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES SIDE 2 5-6FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359037-02

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-n-octyl phthalate	BDL	0.41	mg/kg	8270C	08/12/08	1
Pyrene	BDL	0.41	mg/kg	8270C	08/12/08	1
1,2,4-Trichlorobenzene	BDL	0.41	mg/kg	8270C	08/12/08	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2-Chlorophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4-Dichlorophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4-Dimethylphenol	BDL	0.41	mg/kg	8270C	08/12/08	1
4,6-Dinitro-2-methylphenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4-Dinitrophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2-Nitrophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
4-Nitrophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
Pentachlorophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
Phenol	BDL	0.41	mg/kg	8270C	08/12/08	1
2,4,6-Trichlorophenol	BDL	0.41	mg/kg	8270C	08/12/08	1
Surrogate Recovery						
Nitrobenzene-d5	48.7		% Rec.	8270C	08/12/08	1
2-Fluorobiphenyl	26.5		% Rec.	8270C	08/12/08	1
p-Terphenyl-d14	32.5		% Rec.	8270C	08/12/08	1
Phenol-d5	85.1		% Rec.	8270C	08/12/08	1
2-Fluorophenol	86.8		% Rec.	8270C	08/12/08	1
2,4,6-Tribromophenol	121.		% Rec.	8270C	08/12/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Reported: 08/18/08 16:49 Printed: 08/18/08 16:50

L359037-02 (V8260) - Non-target compounds too high to run at a lower dilution.



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**REPORT OF ANALYSIS**

August 18, 2008

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9000 Breeleand Way  
Raleigh, NC 27613

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES SIDE 3 5-6FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359037-03

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	83.5		%	2540G	08/14/08	1
Volatile Petroleum Hydrocarbons	BDL	5.7	mg/kg	MADEPV	08/11/08	47.5
C5-C8 Aliphatics	BDL	5.7	mg/kg	MADEPV	08/11/08	47.5
C9-C12 Aliphatics	BDL	5.7	mg/kg	MADEPV	08/11/08	47.5
C9-C10 Aromatics	BDL	5.7	mg/kg	MADEPV	08/11/08	47.5
Surrogate Recovery						
2,5-Dibromotoluene (FID)	99.6		% Rec.	MADEPV	08/11/08	47.5
2,5-Dibromotoluene (PID)	94.2		% Rec.	MADEPV	08/11/08	47.5
Volatile Organics						
Acetone	BDL	0.060	mg/kg	8260B	08/11/08	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	08/11/08	1
Benzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
Bromoform	BDL	0.0012	mg/kg	8260B	08/11/08	1
Bromomethane	BDL	0.0060	mg/kg	8260B	08/11/08	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	08/11/08	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
Chloroethane	BDL	0.0060	mg/kg	8260B	08/11/08	1
2-Chloroethyl vinyl ether	BDL	0.060	mg/kg	8260B	08/11/08	1
Chloroform	BDL	0.0060	mg/kg	8260B	08/11/08	1
Chloromethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	08/11/08	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0060	mg/kg	8260B	08/11/08	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Dichlorodifluoromethane	BDL	0.0060	mg/kg	8260B	08/11/08	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	08/11/08	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	08/11/08	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	08/11/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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August 18, 2008

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Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES SIDE 3 5-6FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359037-03

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	08/11/08	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	08/11/08	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	08/11/08	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	08/11/08	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	08/11/08	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	08/11/08	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	08/11/08	1
Methylene Chloride	BDL	0.0060	mg/kg	8260B	08/11/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	08/11/08	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	08/11/08	1
Naphthalene	BDL	0.0060	mg/kg	8260B	08/11/08	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Styrene	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	08/11/08	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Toluene	BDL	0.0060	mg/kg	8260B	08/11/08	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	08/11/08	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Trichlorofluoromethane	BDL	0.0060	mg/kg	8260B	08/11/08	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,2,3-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	08/11/08	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	08/11/08	1
Xylenes, Total	BDL	0.0036	mg/kg	8260B	08/11/08	1
Surrogate Recovery						
Toluene-d8	96.5		% Rec.	8260B	08/11/08	1
Dibromofluoromethane	85.9		% Rec.	8260B	08/11/08	1
4-Bromofluorobenzene	107.		% Rec.	8260B	08/11/08	1
Extractable Petroleum Hydrocarb	BDL	7.8	mg/kg	MADEPE	08/13/08	1
C9-C18 Aliphatics	BDL	7.8	mg/kg	MADEPE	08/13/08	1
C19-C36 Aliphatics	BDL	7.8	mg/kg	MADEPE	08/13/08	1
C11-C22 Aromatics	BDL	7.8	mg/kg	MADEPE	08/13/08	1
Surrogate Recovery						
o-Terphenyl	93.0		% Rec.	MADEPE	08/13/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Tax I.D. 62-0814289

Est. 1970

**REPORT OF ANALYSIS**

August 18, 2008

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeleand Way  
Raleigh, NC 27613

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES SIDE 3 5-6FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359037-03

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1-Chloro-octadecane	91.2		% Rec.	MADEPE	08/13/08	1
2-Fluorobiphenyl	72.1		% Rec.	MADEPE	08/13/08	1
2-Bromonaphthanene	94.7		% Rec.	MADEPE	08/13/08	1
<b>Base/Neutral Extractables</b>						
Acenaphthene	BDL	0.40	mg/kg	8270C	08/12/08	1
Acenaphthylene	BDL	0.40	mg/kg	8270C	08/12/08	1
Anthracene	BDL	0.40	mg/kg	8270C	08/12/08	1
Benzidine	BDL	0.40	mg/kg	8270C	08/12/08	1
Benzo(a)anthracene	BDL	0.40	mg/kg	8270C	08/12/08	1
Benzo(b)fluoranthene	BDL	0.40	mg/kg	8270C	08/12/08	1
Benzo(k)fluoranthene	BDL	0.40	mg/kg	8270C	08/12/08	1
Benzo(g,h,i)perylene	BDL	0.40	mg/kg	8270C	08/12/08	1
Benzo(a)pyrene	BDL	0.40	mg/kg	8270C	08/12/08	1
Bis(2-chlorethoxy)methane	BDL	0.40	mg/kg	8270C	08/12/08	1
Bis(2-chloroethyl) ether	BDL	0.40	mg/kg	8270C	08/12/08	1
Bis(2-chloroisopropyl) ether	BDL	0.40	mg/kg	8270C	08/12/08	1
4-Bromophenyl-phenylether	BDL	0.40	mg/kg	8270C	08/12/08	1
2-Chloronaphthalene	BDL	0.40	mg/kg	8270C	08/12/08	1
4-Chlorophenyl-phenylether	BDL	0.40	mg/kg	8270C	08/12/08	1
Chrysene	BDL	0.40	mg/kg	8270C	08/12/08	1
Dibenz(a,h)anthracene	BDL	0.40	mg/kg	8270C	08/12/08	1
3,3-Dichlorobenzidine	BDL	0.40	mg/kg	8270C	08/12/08	1
2,4-Dinitrotoluene	BDL	0.40	mg/kg	8270C	08/12/08	1
2,6-Dinitrotoluene	BDL	0.40	mg/kg	8270C	08/12/08	1
Fluoranthene	BDL	0.40	mg/kg	8270C	08/12/08	1
Fluorene	BDL	0.40	mg/kg	8270C	08/12/08	1
Hexachlorobenzene	BDL	0.40	mg/kg	8270C	08/12/08	1
Hexachloro-1,3-butadiene	BDL	0.40	mg/kg	8270C	08/12/08	1
Hexachlorocyclopentadiene	BDL	0.40	mg/kg	8270C	08/12/08	1
Hexachloroethane	BDL	0.40	mg/kg	8270C	08/12/08	1
Indeno(1,2,3-cd)pyrene	BDL	0.40	mg/kg	8270C	08/12/08	1
Isophorone	BDL	0.40	mg/kg	8270C	08/12/08	1
Naphthalene	BDL	0.40	mg/kg	8270C	08/12/08	1
Nitrobenzene	BDL	0.40	mg/kg	8270C	08/12/08	1
n-Nitrosodimethylamine	BDL	0.40	mg/kg	8270C	08/12/08	1
n-Nitrosodiphenylamine	BDL	0.40	mg/kg	8270C	08/12/08	1
n-Nitrosodi-n-propylamine	BDL	0.40	mg/kg	8270C	08/12/08	1
Phenanthrene	BDL	0.40	mg/kg	8270C	08/12/08	1
Benzylbutyl phthalate	BDL	0.40	mg/kg	8270C	08/12/08	1
Bis(2-ethylhexyl)phthalate	BDL	0.40	mg/kg	8270C	08/12/08	1
Di-n-butyl phthalate	BDL	0.40	mg/kg	8270C	08/12/08	1
Diethyl phthalate	BDL	0.40	mg/kg	8270C	08/12/08	1
Dimethyl phthalate	BDL	0.40	mg/kg	8270C	08/12/08	1

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Est. 1970

REPORT OF ANALYSIS

August 18, 2008

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeleand Way  
Raleigh, NC 27613

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES SIDE 3 5-6FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359037-03

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-n-octyl phthalate	BDL	0.40	mg/kg	8270C	08/12/08	1
Pyrene	BDL	0.40	mg/kg	8270C	08/12/08	1
1,2,4-Trichlorobenzene	BDL	0.40	mg/kg	8270C	08/12/08	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.40	mg/kg	8270C	08/12/08	1
2-Chlorophenol	BDL	0.40	mg/kg	8270C	08/12/08	1
2,4-Dichlorophenol	BDL	0.40	mg/kg	8270C	08/12/08	1
2,4-Dimethylphenol	BDL	0.40	mg/kg	8270C	08/12/08	1
4,6-Dinitro-2-methylphenol	BDL	0.40	mg/kg	8270C	08/12/08	1
2,4-Dinitrophenol	BDL	0.40	mg/kg	8270C	08/12/08	1
2-Nitrophenol	BDL	0.40	mg/kg	8270C	08/12/08	1
4-Nitrophenol	BDL	0.40	mg/kg	8270C	08/12/08	1
Pentachlorophenol	BDL	0.40	mg/kg	8270C	08/12/08	1
Phenol	BDL	0.40	mg/kg	8270C	08/12/08	1
2,4,6-Trichlorophenol	BDL	0.40	mg/kg	8270C	08/12/08	1
Surrogate Recovery						
Nitrobenzene-d5	71.3		% Rec.	8270C	08/12/08	1
2-Fluorobiphenyl	76.5		% Rec.	8270C	08/12/08	1
p-Terphenyl-d14	84.2		% Rec.	8270C	08/12/08	1
Phenol-d5	80.9		% Rec.	8270C	08/12/08	1
2-Fluorophenol	76.7		% Rec.	8270C	08/12/08	1
2,4,6-Tribromophenol	98.1		% Rec.	8270C	08/12/08	1

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Reported: 08/18/08 16:49 Printed: 08/18/08 16:50



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**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeleand Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES SIDE 4 5-6FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359037-04

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	78.8		%	2540G	08/14/08	1
Volatile Petroleum Hydrocarbons	BDL	6.3	mg/kg	MADEPV	08/14/08	50
C5-C8 Aliphatics	BDL	6.3	mg/kg	MADEPV	08/14/08	50
C9-C12 Aliphatics	8.3	6.3	mg/kg	MADEPV	08/14/08	50
C9-C10 Aromatics	7.9	6.3	mg/kg	MADEPV	08/14/08	50
Surrogate Recovery						
2,5-Dibromotoluene (FID)	75.3		% Rec.	MADEPV	08/14/08	50
2,5-Dibromotoluene (PID)	88.2		% Rec.	MADEPV	08/14/08	50
Volatile Organics						
Acetone	BDL	6.0	mg/kg	8260B	08/10/08	95
Acrylonitrile	BDL	1.2	mg/kg	8260B	08/10/08	95
Benzene	BDL	0.12	mg/kg	8260B	08/10/08	95
Bromobenzene	BDL	0.12	mg/kg	8260B	08/10/08	95
Bromodichloromethane	BDL	0.12	mg/kg	8260B	08/10/08	95
Bromoform	BDL	0.12	mg/kg	8260B	08/10/08	95
Bromomethane	BDL	0.60	mg/kg	8260B	08/10/08	95
n-Butylbenzene	0.92	0.12	mg/kg	8260B	08/10/08	95
sec-Butylbenzene	0.75	0.12	mg/kg	8260B	08/10/08	95
tert-Butylbenzene	BDL	0.12	mg/kg	8260B	08/10/08	95
Carbon tetrachloride	BDL	0.12	mg/kg	8260B	08/10/08	95
Chlorobenzene	BDL	0.12	mg/kg	8260B	08/10/08	95
Chlorodibromomethane	BDL	0.12	mg/kg	8260B	08/10/08	95
Chloroethane	BDL	0.60	mg/kg	8260B	08/10/08	95
2-Chloroethyl vinyl ether	BDL	6.0	mg/kg	8260B	08/10/08	95
Chloroform	BDL	0.60	mg/kg	8260B	08/10/08	95
Chloromethane	BDL	0.12	mg/kg	8260B	08/10/08	95
2-Chlorotoluene	BDL	0.12	mg/kg	8260B	08/10/08	95
4-Chlorotoluene	BDL	0.12	mg/kg	8260B	08/10/08	95
1,2-Dibromo-3-Chloropropane	BDL	0.60	mg/kg	8260B	08/10/08	95
1,2-Dibromoethane	BDL	0.12	mg/kg	8260B	08/10/08	95
Dibromomethane	BDL	0.12	mg/kg	8260B	08/10/08	95
1,2-Dichlorobenzene	BDL	0.12	mg/kg	8260B	08/10/08	95
1,3-Dichlorobenzene	BDL	0.12	mg/kg	8260B	08/10/08	95
1,4-Dichlorobenzene	BDL	0.12	mg/kg	8260B	08/10/08	95
Dichlorodifluoromethane	BDL	0.60	mg/kg	8260B	08/10/08	95
1,1-Dichloroethane	BDL	0.12	mg/kg	8260B	08/10/08	95
1,2-Dichloroethane	BDL	0.12	mg/kg	8260B	08/10/08	95
1,1-Dichloroethene	BDL	0.12	mg/kg	8260B	08/10/08	95
cis-1,2-Dichloroethene	BDL	0.12	mg/kg	8260B	08/10/08	95
trans-1,2-Dichloroethene	BDL	0.12	mg/kg	8260B	08/10/08	95
1,2-Dichloropropane	BDL	0.12	mg/kg	8260B	08/10/08	95
1,1-Dichloropropene	BDL	0.12	mg/kg	8260B	08/10/08	95

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Est. 1970

**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeland Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES SIDE 4 5-6FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359037-04

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.12	mg/kg	8260B	08/10/08	95
cis-1,3-Dichloropropene	BDL	0.12	mg/kg	8260B	08/10/08	95
trans-1,3-Dichloropropene	BDL	0.12	mg/kg	8260B	08/10/08	95
2,2-Dichloropropane	BDL	0.12	mg/kg	8260B	08/10/08	95
Di-isopropyl ether	BDL	0.12	mg/kg	8260B	08/10/08	95
Ethylbenzene	0.70	0.12	mg/kg	8260B	08/10/08	95
Hexachloro-1,3-butadiene	BDL	0.12	mg/kg	8260B	08/10/08	95
Isopropylbenzene	0.38	0.12	mg/kg	8260B	08/10/08	95
p-Isopropyltoluene	0.70	0.12	mg/kg	8260B	08/10/08	95
2-Butanone (MEK)	BDL	1.2	mg/kg	8260B	08/10/08	95
Methylene Chloride	BDL	0.60	mg/kg	8260B	08/10/08	95
4-Methyl-2-pentanone (MIBK)	BDL	1.2	mg/kg	8260B	08/10/08	95
Methyl tert-butyl ether	BDL	0.12	mg/kg	8260B	08/10/08	95
Naphthalene	5.5	0.60	mg/kg	8260B	08/10/08	95
n-Propylbenzene	0.88	0.12	mg/kg	8260B	08/10/08	95
Styrene	BDL	0.12	mg/kg	8260B	08/10/08	95
1,1,1,2-Tetrachloroethane	BDL	0.12	mg/kg	8260B	08/10/08	95
1,1,2,2-Tetrachloroethane	BDL	0.12	mg/kg	8260B	08/10/08	95
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.12	mg/kg	8260B	08/10/08	95
Tetrachloroethene	BDL	0.12	mg/kg	8260B	08/10/08	95
Toluene	BDL	0.60	mg/kg	8260B	08/10/08	95
1,2,3-Trichlorobenzene	BDL	0.12	mg/kg	8260B	08/10/08	95
1,2,4-Trichlorobenzene	BDL	0.12	mg/kg	8260B	08/10/08	95
1,1,1-Trichloroethane	BDL	0.12	mg/kg	8260B	08/10/08	95
1,1,2-Trichloroethane	BDL	0.12	mg/kg	8260B	08/10/08	95
Trichloroethene	BDL	0.12	mg/kg	8260B	08/10/08	95
Trichlorofluoromethane	BDL	0.60	mg/kg	8260B	08/10/08	95
1,2,3-Trichloropropane	BDL	0.12	mg/kg	8260B	08/10/08	95
1,2,4-Trimethylbenzene	6.8	0.12	mg/kg	8260B	08/10/08	95
1,2,3-Trimethylbenzene	2.3	0.12	mg/kg	8260B	08/10/08	95
1,3,5-Trimethylbenzene	2.4	0.12	mg/kg	8260B	08/10/08	95
Vinyl chloride	BDL	0.12	mg/kg	8260B	08/10/08	95
Xylenes, Total	3.7	0.36	mg/kg	8260B	08/10/08	95
Surrogate Recovery						
Toluene-d8	98.8		% Rec.	8260B	08/10/08	95
Dibromofluoromethane	110.		% Rec.	8260B	08/10/08	95
4-Bromofluorobenzene	153.		% Rec.	8260B	08/10/08	95
Extractable Petroleum Hydrocarb	2100	160	mg/kg	MADEPE	08/14/08	20
C9-C18 Aliphatics	1200	160	mg/kg	MADEPE	08/14/08	20
C19-C36 Aliphatics	220	8.2	mg/kg	MADEPE	08/13/08	1
C11-C22 Aromatics	650	8.2	mg/kg	MADEPE	08/13/08	1
Surrogate Recovery						
o-Terphenyl	140.		% Rec.	MADEPE	08/13/08	1

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Est. 1970

**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeleand Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES SIDE 4 5-6FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359037-04

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1-Chloro-octadecane	0.00		% Rec.	MADEPE	08/14/08	20
2-Fluorobiphenyl	73.3		% Rec.	MADEPE	08/13/08	1
2-Bromonaphthanene	97.7		% Rec.	MADEPE	08/13/08	1
<b>Base/Neutral Extractables</b>						
Acenaphthene	BDL	0.42	mg/kg	8270C	08/12/08	1
Acenaphthylene	BDL	0.42	mg/kg	8270C	08/12/08	1
Anthracene	BDL	0.42	mg/kg	8270C	08/12/08	1
Benzidine	BDL	0.42	mg/kg	8270C	08/12/08	1
Benzo (a) anthracene	BDL	0.42	mg/kg	8270C	08/12/08	1
Benzo (b) fluoranthene	BDL	0.42	mg/kg	8270C	08/12/08	1
Benzo (k) fluoranthene	BDL	0.42	mg/kg	8270C	08/12/08	1
Benzo (g,h,i) perylene	BDL	0.42	mg/kg	8270C	08/12/08	1
Benzo (a) pyrene	BDL	0.42	mg/kg	8270C	08/12/08	1
Bis (2-chlorethoxy) methane	BDL	0.42	mg/kg	8270C	08/12/08	1
Bis (2-chloroethyl) ether	BDL	0.42	mg/kg	8270C	08/12/08	1
Bis (2-chloroisopropyl) ether	BDL	0.42	mg/kg	8270C	08/12/08	1
4-Bromophenyl-phenylether	BDL	0.42	mg/kg	8270C	08/12/08	1
2-Chloronaphthalene	BDL	0.42	mg/kg	8270C	08/12/08	1
4-Chlorophenyl-phenylether	BDL	0.42	mg/kg	8270C	08/12/08	1
Chrysene	BDL	0.42	mg/kg	8270C	08/12/08	1
Dibenz (a,h) anthracene	BDL	0.42	mg/kg	8270C	08/12/08	1
3,3-Dichlorobenzidine	BDL	0.42	mg/kg	8270C	08/12/08	1
2,4-Dinitrotoluene	BDL	0.42	mg/kg	8270C	08/12/08	1
2,6-Dinitrotoluene	BDL	0.42	mg/kg	8270C	08/12/08	1
Fluoranthene	BDL	0.42	mg/kg	8270C	08/12/08	1
Fluorene	BDL	0.42	mg/kg	8270C	08/12/08	1
Hexachlorobenzene	BDL	0.42	mg/kg	8270C	08/12/08	1
Hexachloro-1,3-butadiene	BDL	0.42	mg/kg	8270C	08/12/08	1
Hexachlorocyclopentadiene	BDL	0.42	mg/kg	8270C	08/12/08	1
Hexachloroethane	BDL	0.42	mg/kg	8270C	08/12/08	1
Indeno (1,2,3-cd) pyrene	BDL	0.42	mg/kg	8270C	08/12/08	1
Isophorone	BDL	0.42	mg/kg	8270C	08/12/08	1
Naphthalene	1.9	0.42	mg/kg	8270C	08/12/08	1
Nitrobenzene	BDL	0.42	mg/kg	8270C	08/12/08	1
n-Nitrosodimethylamine	BDL	0.42	mg/kg	8270C	08/12/08	1
n-Nitrosodiphenylamine	BDL	0.42	mg/kg	8270C	08/12/08	1
n-Nitrosodi-n-propylamine	BDL	0.42	mg/kg	8270C	08/12/08	1
Phenanthrene	1.9	0.42	mg/kg	8270C	08/12/08	1
Benzylbutyl phthalate	BDL	0.42	mg/kg	8270C	08/12/08	1
Bis (2-ethylhexyl) phthalate	BDL	0.42	mg/kg	8270C	08/12/08	1
Di-n-butyl phthalate	BDL	0.42	mg/kg	8270C	08/12/08	1
Diethyl phthalate	BDL	0.42	mg/kg	8270C	08/12/08	1
Dimethyl phthalate	BDL	0.42	mg/kg	8270C	08/12/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Tax I.D. 62-0814289

Est. 1970

**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeiland Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES SIDE 4 5-6FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359037-04

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-n-octyl phthalate	BDL	0.42	mg/kg	8270C	08/12/08	1
Pyrene	BDL	0.42	mg/kg	8270C	08/12/08	1
1,2,4-Trichlorobenzene	BDL	0.42	mg/kg	8270C	08/12/08	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.42	mg/kg	8270C	08/12/08	1
2-Chlorophenol	BDL	0.42	mg/kg	8270C	08/12/08	1
2,4-Dichlorophenol	BDL	0.42	mg/kg	8270C	08/12/08	1
2,4-Dimethylphenol	BDL	0.42	mg/kg	8270C	08/12/08	1
4,6-Dinitro-2-methylphenol	BDL	0.42	mg/kg	8270C	08/12/08	1
2,4-Dinitrophenol	BDL	0.42	mg/kg	8270C	08/12/08	1
2-Nitrophenol	BDL	0.42	mg/kg	8270C	08/12/08	1
4-Nitrophenol	BDL	0.42	mg/kg	8270C	08/12/08	1
Pentachlorophenol	BDL	0.42	mg/kg	8270C	08/12/08	1
Phenol	BDL	0.42	mg/kg	8270C	08/12/08	1
2,4,6-Trichlorophenol	BDL	0.42	mg/kg	8270C	08/12/08	1
Surrogate Recovery						
Nitrobenzene-d5	139.		% Rec.	8270C	08/12/08	1
2-Fluorobiphenyl	37.7		% Rec.	8270C	08/12/08	1
p-Terphenyl-d14	41.6		% Rec.	8270C	08/12/08	1
Phenol-d5	82.1		% Rec.	8270C	08/12/08	1
2-Fluorophenol	79.7		% Rec.	8270C	08/12/08	1
2,4,6-Tribromophenol	123.		% Rec.	8270C	08/12/08	1

Results listed are dry weight basis.

BDL - Below Detection Limit

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Est. 1970

**REPORT OF ANALYSIS**

August 18, 2008

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeleand Way  
Raleigh, NC 27613

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES BOTTOM 14-15FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359037-05

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	77.0		%	2540G	08/14/08	1
Volatile Petroleum Hydrocarbons	160	130	mg/kg	MADEPV	08/14/08	1000
C5-C8 Aliphatics	BDL	130	mg/kg	MADEPV	08/14/08	1000
C9-C12 Aliphatics	610	130	mg/kg	MADEPV	08/14/08	1000
C9-C10 Aromatics	450	130	mg/kg	MADEPV	08/14/08	1000
Surrogate Recovery						
2,5-Dibromotoluene (FID)	96.8		% Rec.	MADEPV	08/14/08	1000
2,5-Dibromotoluene (PID)	78.6		% Rec.	MADEPV	08/14/08	1000
Volatile Organics						
Acetone	BDL	5.7	mg/kg	8260B	08/10/08	88
Acrylonitrile	BDL	1.1	mg/kg	8260B	08/10/08	88
Benzene	BDL	0.11	mg/kg	8260B	08/10/08	88
Bromobenzene	BDL	0.11	mg/kg	8260B	08/10/08	88
Bromodichloromethane	BDL	0.11	mg/kg	8260B	08/10/08	88
Bromoform	BDL	0.11	mg/kg	8260B	08/10/08	88
Bromomethane	BDL	0.57	mg/kg	8260B	08/10/08	88
n-Butylbenzene	2.0	0.11	mg/kg	8260B	08/10/08	88
sec-Butylbenzene	1.6	0.11	mg/kg	8260B	08/10/08	88
tert-Butylbenzene	BDL	0.11	mg/kg	8260B	08/10/08	88
Carbon tetrachloride	BDL	0.11	mg/kg	8260B	08/10/08	88
Chlorobenzene	BDL	0.11	mg/kg	8260B	08/10/08	88
Chlorodibromomethane	BDL	0.11	mg/kg	8260B	08/10/08	88
Chloroethane	BDL	0.57	mg/kg	8260B	08/10/08	88
2-Chloroethyl vinyl ether	BDL	5.7	mg/kg	8260B	08/10/08	88
Chloroform	BDL	0.57	mg/kg	8260B	08/10/08	88
Chloromethane	BDL	0.11	mg/kg	8260B	08/10/08	88
2-Chlorotoluene	BDL	0.11	mg/kg	8260B	08/10/08	88
4-Chlorotoluene	BDL	0.11	mg/kg	8260B	08/10/08	88
1,2-Dibromo-3-Chloropropane	BDL	0.57	mg/kg	8260B	08/10/08	88
1,2-Dibromoethane	BDL	0.11	mg/kg	8260B	08/10/08	88
Dibromomethane	BDL	0.11	mg/kg	8260B	08/10/08	88
1,2-Dichlorobenzene	BDL	0.11	mg/kg	8260B	08/10/08	88
1,3-Dichlorobenzene	BDL	0.11	mg/kg	8260B	08/10/08	88
1,4-Dichlorobenzene	BDL	0.11	mg/kg	8260B	08/10/08	88
Dichlorodifluoromethane	BDL	0.57	mg/kg	8260B	08/10/08	88
1,1-Dichloroethane	BDL	0.11	mg/kg	8260B	08/10/08	88
1,2-Dichloroethane	BDL	0.11	mg/kg	8260B	08/10/08	88
1,1-Dichloroethene	BDL	0.11	mg/kg	8260B	08/10/08	88
cis-1,2-Dichloroethene	BDL	0.11	mg/kg	8260B	08/10/08	88
trans-1,2-Dichloroethene	BDL	0.11	mg/kg	8260B	08/10/08	88
1,2-Dichloropropane	BDL	0.11	mg/kg	8260B	08/10/08	88
1,1-Dichloropropene	BDL	0.11	mg/kg	8260B	08/10/08	88

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Est. 1970

**REPORT OF ANALYSIS**

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeland Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES BOTTOM 14-15FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359037-05

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane	BDL	0.11	mg/kg	8260B	08/10/08	88
cis-1,3-Dichloropropene	BDL	0.11	mg/kg	8260B	08/10/08	88
trans-1,3-Dichloropropene	BDL	0.11	mg/kg	8260B	08/10/08	88
2,2-Dichloropropane	BDL	0.11	mg/kg	8260B	08/10/08	88
Di-isopropyl ether	BDL	0.11	mg/kg	8260B	08/10/08	88
Ethylbenzene	2.0	0.11	mg/kg	8260B	08/10/08	88
Hexachloro-1,3-butadiene	BDL	0.11	mg/kg	8260B	08/10/08	88
Isopropylbenzene	0.90	0.11	mg/kg	8260B	08/10/08	88
p-Isopropyltoluene	1.5	0.11	mg/kg	8260B	08/10/08	88
2-Butanone (MEK)	BDL	1.1	mg/kg	8260B	08/10/08	88
Methylene Chloride	BDL	0.57	mg/kg	8260B	08/10/08	88
4-Methyl-2-pentanone (MIBK)	BDL	1.1	mg/kg	8260B	08/10/08	88
Methyl tert-butyl ether	BDL	0.11	mg/kg	8260B	08/10/08	88
Naphthalene	19.	0.57	mg/kg	8260B	08/10/08	88
n-Propylbenzene	2.0	0.11	mg/kg	8260B	08/10/08	88
Styrene	BDL	0.11	mg/kg	8260B	08/10/08	88
1,1,1,2-Tetrachloroethane	BDL	0.11	mg/kg	8260B	08/10/08	88
1,1,2,2-Tetrachloroethane	BDL	0.11	mg/kg	8260B	08/10/08	88
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.11	mg/kg	8260B	08/10/08	88
Tetrachloroethene	BDL	0.11	mg/kg	8260B	08/10/08	88
Toluene	BDL	0.57	mg/kg	8260B	08/10/08	88
1,2,3-Trichlorobenzene	BDL	0.11	mg/kg	8260B	08/10/08	88
1,2,4-Trichlorobenzene	BDL	0.11	mg/kg	8260B	08/10/08	88
1,1,1-Trichloroethane	BDL	0.11	mg/kg	8260B	08/10/08	88
1,1,2-Trichloroethane	BDL	0.11	mg/kg	8260B	08/10/08	88
Trichloroethene	BDL	0.11	mg/kg	8260B	08/10/08	88
Trichlorofluoromethane	BDL	0.57	mg/kg	8260B	08/10/08	88
1,2,3-Trichloropropane	BDL	0.11	mg/kg	8260B	08/10/08	88
1,2,4-Trimethylbenzene	17.	0.11	mg/kg	8260B	08/10/08	88
1,2,3-Trimethylbenzene	5.7	0.11	mg/kg	8260B	08/10/08	88
1,3,5-Trimethylbenzene	5.4	0.11	mg/kg	8260B	08/10/08	88
Vinyl chloride	BDL	0.11	mg/kg	8260B	08/10/08	88
Xylenes, Total	11.	0.34	mg/kg	8260B	08/10/08	88
Surrogate Recovery						
Toluene-d8	98.1		% Rec.	8260B	08/10/08	88
Dibromofluoromethane	103.		% Rec.	8260B	08/10/08	88
4-Bromofluorobenzene	173.		% Rec.	8260B	08/10/08	88
Extractable Petroleum Hydrocarb	8200	170	mg/kg	MADEPE	08/14/08	20
C9-C18 Aliphatics	5100	170	mg/kg	MADEPE	08/14/08	20
C19-C36 Aliphatics	770	170	mg/kg	MADEPE	08/14/08	20
C11-C22 Aromatics	2300	170	mg/kg	MADEPE	08/14/08	20
Surrogate Recovery						
o-Terphenyl	0.00		% Rec.	MADEPE	08/14/08	20

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Est. 1970

**REPORT OF ANALYSIS**

August 18, 2008

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeland Way  
Raleigh, NC 27613

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES BOTTOM 14-15FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359037-05

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
1-Chloro-octadecane	0.00		% Rec.	MADEPE	08/14/08	20
2-Fluorobiphenyl	0.00		% Rec.	MADEPE	08/14/08	20
2-Bromonaphthanene	0.00		% Rec.	MADEPE	08/14/08	20
<b>Base/Neutral Extractables</b>						
Acenaphthene	BDL	0.43	mg/kg	8270C	08/12/08	1
Acenaphthylene	BDL	0.43	mg/kg	8270C	08/12/08	1
Anthracene	1.3	0.43	mg/kg	8270C	08/12/08	1
Benzidine	BDL	0.43	mg/kg	8270C	08/12/08	1
Benzo(a)anthracene	BDL	0.43	mg/kg	8270C	08/12/08	1
Benzo(b)fluoranthene	BDL	0.43	mg/kg	8270C	08/12/08	1
Benzo(k)fluoranthene	BDL	0.43	mg/kg	8270C	08/12/08	1
Benzo(g,h,i)perylene	BDL	0.43	mg/kg	8270C	08/12/08	1
Benzo(a)pyrene	BDL	0.43	mg/kg	8270C	08/12/08	1
Bis(2-chlorethoxy)methane	BDL	0.43	mg/kg	8270C	08/12/08	1
Bis(2-chloroethyl)ether	BDL	0.43	mg/kg	8270C	08/12/08	1
Bis(2-chloroisopropyl)ether	BDL	0.43	mg/kg	8270C	08/12/08	1
4-bromophenyl-phenylether	BDL	0.43	mg/kg	8270C	08/12/08	1
2-Chloronaphthalene	BDL	0.43	mg/kg	8270C	08/12/08	1
4-Chlorophenyl-phenylether	BDL	0.43	mg/kg	8270C	08/12/08	1
Chrysene	BDL	0.43	mg/kg	8270C	08/12/08	1
Dibenz(a,h)anthracene	BDL	0.43	mg/kg	8270C	08/12/08	1
3,3-Dichlorobenzidine	BDL	0.43	mg/kg	8270C	08/12/08	1
2,4-Dinitrotoluene	BDL	0.43	mg/kg	8270C	08/12/08	1
2,6-Dinitrotoluene	BDL	0.43	mg/kg	8270C	08/12/08	1
Fluoranthene	BDL	0.43	mg/kg	8270C	08/12/08	1
Fluorene	BDL	0.43	mg/kg	8270C	08/12/08	1
Hexachlorobenzene	BDL	0.43	mg/kg	8270C	08/12/08	1
Hexachloro-1,3-butadiene	BDL	0.43	mg/kg	8270C	08/12/08	1
Hexachlorocyclopentadiene	BDL	0.43	mg/kg	8270C	08/12/08	1
Hexachloroethane	BDL	0.43	mg/kg	8270C	08/12/08	1
Indeno(1,2,3-cd)pyrene	BDL	0.43	mg/kg	8270C	08/12/08	1
Isophorone	BDL	0.43	mg/kg	8270C	08/12/08	1
Naphthalene	0.88	0.43	mg/kg	8270C	08/12/08	1
Nitrobenzene	BDL	0.43	mg/kg	8270C	08/12/08	1
n-Nitrosodimethylamine	BDL	0.43	mg/kg	8270C	08/12/08	1
n-Nitrosodiphenylamine	BDL	0.43	mg/kg	8270C	08/12/08	1
n-Nitrosodi-n-propylamine	BDL	0.43	mg/kg	8270C	08/12/08	1
Phenanthrene	4.8	0.43	mg/kg	8270C	08/12/08	1
Benzylbutyl phthalate	BDL	0.43	mg/kg	8270C	08/12/08	1
Bis(2-ethylhexyl)phthalate	BDL	0.43	mg/kg	8270C	08/12/08	1
Di-n-butyl phthalate	BDL	0.43	mg/kg	8270C	08/12/08	1
Diethyl phthalate	BDL	0.43	mg/kg	8270C	08/12/08	1
Dimethyl phthalate	BDL	0.43	mg/kg	8270C	08/12/08	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

Mr. Simon List  
SiTech Consulting, PC.  
9000 Breeland Way  
Raleigh, NC 27613

August 18, 2008

Date Received : August 08, 2008  
Description : Broadstone Station  
Sample ID : 900 HUGHES BOTTOM 14-15FT  
Collected By : SR List  
Collection Date : 08/07/08 00:00

ESC Sample # : L359037-05

Site ID :

Project # : 1252

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-n-octyl phthalate	BDL	0.43	mg/kg	8270C	08/12/08	1
Pyrene	2.3	0.43	mg/kg	8270C	08/12/08	1
1,2,4-Trichlorobenzene	BDL	0.43	mg/kg	8270C	08/12/08	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.43	mg/kg	8270C	08/12/08	1
2-Chlorophenol	BDL	0.43	mg/kg	8270C	08/12/08	1
2,4-Dichlorophenol	BDL	0.43	mg/kg	8270C	08/12/08	1
2,4-Dimethylphenol	BDL	0.43	mg/kg	8270C	08/12/08	1
4,6-Dinitro-2-methylphenol	BDL	0.43	mg/kg	8270C	08/12/08	1
2,4-Dinitrophenol	BDL	0.43	mg/kg	8270C	08/12/08	1
2-Nitrophenol	BDL	0.43	mg/kg	8270C	08/12/08	1
4-Nitrophenol	BDL	0.43	mg/kg	8270C	08/12/08	1
Pentachlorophenol	BDL	0.43	mg/kg	8270C	08/12/08	1
Phenol	BDL	0.43	mg/kg	8270C	08/12/08	1
2,4,6-Trichlorophenol	BDL	0.43	mg/kg	8270C	08/12/08	1
Surrogate Recovery						
Nitrobenzene-d5	47.0		% Rec.	8270C	08/12/08	1
2-Fluorobiphenyl	56.4		% Rec.	8270C	08/12/08	1
p-Terphenyl-d14	161.		% Rec.	8270C	08/12/08	1
Phenol-d5	115.		% Rec.	8270C	08/12/08	1
2-Fluorophenol	120.		% Rec.	8270C	08/12/08	1
2,4,6-Tribromophenol	38.3		% Rec.	8270C	08/12/08	1

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Attachment A  
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L359037-01	Chrysene	V3
	Chloroform	J4
	cis-1,2-Dichloroethene	J4
	1,1,1-Trichloroethane	J4
	4-Bromofluorobenzene	J1
	o-Terphenyl	J7
	1-Chloro-octadecane	J7
	2-Fluorobiphenyl	J7
	2-Bromonaphthanene	J7
	L359037-02	Chrysene
Phenanthrene		E
2-Fluorobiphenyl		J2
o-Terphenyl		J7
1-Chloro-octadecane		J7
2-Fluorobiphenyl		J7
2-Bromonaphthanene		J7
L359037-03	C9-C18 Aliphatics	J5J3
L359037-04	Chrysene	V3
	Nitrobenzene-d5	J1
L359037-05	4-Bromofluorobenzene	J1
	1-Chloro-octadecane	J7
	Chrysene	V3
	Phenanthrene	E
	Pyrene	E
	p-Terphenyl-d14	J1
	4-Bromofluorobenzene	J1
	o-Terphenyl	J7
	1-Chloro-octadecane	J7
2-Fluorobiphenyl	J7	
2-Bromonaphthanene	J7	

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
E	GTL (EPA) - Greater than upper calibration limit: Actual value is known to be greater than the upper calibration range.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
J4	The associated batch QC was outside the established quality control range for accuracy.
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high
J7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out
V3	(ESC) - Additional QC Info: The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed  
08/18/08 at 16:50:49

TSR Signing Reports: 064  
R5 - Desired TAT

Sample: L359037-01 Account: SITCONRNC Received: 08/08/08 09:00 Due Date: 08/15/08 00:00 RPT Date: 08/18/08 16:49  
Sample: L359037-02 Account: SITCONRNC Received: 08/08/08 09:00 Due Date: 08/15/08 00:00 RPT Date: 08/18/08 16:49  
Sample: L359037-03 Account: SITCONRNC Received: 08/08/08 09:00 Due Date: 08/15/08 00:00 RPT Date: 08/18/08 16:49  
Sample: L359037-04 Account: SITCONRNC Received: 08/08/08 09:00 Due Date: 08/15/08 00:00 RPT Date: 08/18/08 16:49  
Sample: L359037-05 Account: SITCONRNC Received: 08/08/08 09:00 Due Date: 08/15/08 00:00 RPT Date: 08/18/08 16:49



ENVIRONMENTAL  
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Tax I.D. 62-0814289

Est. 1970

SiTech Consulting, PC.  
Mr. Simon List  
9000 Breeland Way  
Raleigh, NC 27613

Quality Assurance Report  
Level II

August 18, 2008

L359037

Analyte	Result	Laboratory Blank		Date Analyzed	Batch
		Units			
1,1,1,2-Tetrachloroethane	< .001	mg/kg		08/10/08 03:21	WG376845
1,1,1-Trichloroethane	< .001	mg/kg		08/10/08 03:21	WG376845
1,1,2,2-Tetrachloroethane	< .001	mg/kg		08/10/08 03:21	WG376845
1,1,2-Trichloroethane	< .001	mg/kg		08/10/08 03:21	WG376845
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg		08/10/08 03:21	WG376845
1,1-Dichloroethane	< .001	mg/kg		08/10/08 03:21	WG376845
1,1-Dichloroethene	< .001	mg/kg		08/10/08 03:21	WG376845
1,1-Dichloropropene	< .001	mg/kg		08/10/08 03:21	WG376845
1,2,3-Trichlorobenzene	< .001	mg/kg		08/10/08 03:21	WG376845
1,2,3-Trichloropropane	< .001	mg/kg		08/10/08 03:21	WG376845
1,2,3-Trimethylbenzene	< .001	mg/kg		08/10/08 03:21	WG376845
1,2,4-Trichlorobenzene	< .001	mg/kg		08/10/08 03:21	WG376845
1,2,4-Trimethylbenzene	< .001	mg/kg		08/10/08 03:21	WG376845
1,2-Dibromo-3-Chloropropane	< .005	mg/kg		08/10/08 03:21	WG376845
1,2-Dibromoethane	< .001	mg/kg		08/10/08 03:21	WG376845
1,2-Dichlorobenzene	< .001	mg/kg		08/10/08 03:21	WG376845
1,2-Dichloroethane	< .001	mg/kg		08/10/08 03:21	WG376845
1,2-Dichloropropane	< .001	mg/kg		08/10/08 03:21	WG376845
1,3,5-Trimethylbenzene	< .001	mg/kg		08/10/08 03:21	WG376845
1,3-Dichlorobenzene	< .001	mg/kg		08/10/08 03:21	WG376845
1,3-Dichloropropane	< .001	mg/kg		08/10/08 03:21	WG376845
1,4-Dichlorobenzene	< .001	mg/kg		08/10/08 03:21	WG376845
2,2-Dichloropropane	< .001	mg/kg		08/10/08 03:21	WG376845
2-Butanone (MEK)	< .01	mg/kg		08/10/08 03:21	WG376845
2-Chloroethyl vinyl ether	< .001	mg/kg		08/10/08 03:21	WG376845
2-Chlorotoluene	< .001	mg/kg		08/10/08 03:21	WG376845
4-Chlorotoluene	< .001	mg/kg		08/10/08 03:21	WG376845
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg		08/10/08 03:21	WG376845
Acetone	< .05	mg/kg		08/10/08 03:21	WG376845
Acrylonitrile	< .01	mg/kg		08/10/08 03:21	WG376845
Benzene	< .001	mg/kg		08/10/08 03:21	WG376845
Bromobenzene	< .001	mg/kg		08/10/08 03:21	WG376845
Bromodichloromethane	< .001	mg/kg		08/10/08 03:21	WG376845
Bromoform	< .001	mg/kg		08/10/08 03:21	WG376845
Bromomethane	< .005	mg/kg		08/10/08 03:21	WG376845
Carbon tetrachloride	< .001	mg/kg		08/10/08 03:21	WG376845
Chlorobenzene	< .001	mg/kg		08/10/08 03:21	WG376845
Chlorodibromomethane	< .001	mg/kg		08/10/08 03:21	WG376845
Chloroethane	< .005	mg/kg		08/10/08 03:21	WG376845
Chloroform	< .005	mg/kg		08/10/08 03:21	WG376845
Chloromethane	< .001	mg/kg		08/10/08 03:21	WG376845
cis-1,2-Dichloroethene	< .001	mg/kg		08/10/08 03:21	WG376845
cis-1,3-Dichloropropene	< .001	mg/kg		08/10/08 03:21	WG376845
Di-isopropyl ether	< .001	mg/kg		08/10/08 03:21	WG376845
Dibromomethane	< .001	mg/kg		08/10/08 03:21	WG376845
Dichlorodifluoromethane	< .005	mg/kg		08/10/08 03:21	WG376845
Ethylbenzene	< .001	mg/kg		08/10/08 03:21	WG376845
Hexachloro-1,3-butadiene	< .001	mg/kg		08/10/08 03:21	WG376845
Isopropylbenzene	< .001	mg/kg		08/10/08 03:21	WG376845
Methyl tert-butyl ether	< .001	mg/kg		08/10/08 03:21	WG376845
Methylene Chloride	< .005	mg/kg		08/10/08 03:21	WG376845
n-Butylbenzene	< .001	mg/kg		08/10/08 03:21	WG376845
n-Propylbenzene	< .001	mg/kg		08/10/08 03:21	WG376845
Napthalene	< .005	mg/kg		08/10/08 03:21	WG376845
p-Isopropyltoluene	< .001	mg/kg		08/10/08 03:21	WG376845
sec-Butylbenzene	< .001	mg/kg		08/10/08 03:21	WG376845
Styrene	< .001	mg/kg		08/10/08 03:21	WG376845
tert-Butylbenzene	< .001	mg/kg		08/10/08 03:21	WG376845
Tetrachloroethene	< .001	mg/kg		08/10/08 03:21	WG376845
Toluene	< .005	mg/kg		08/10/08 03:21	WG376845



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**Quality Assurance Report  
Level II**

Raleigh, NC 27613

August 18, 2008

L359037

trans-1,2-Dichloroethene < .001 mg/kg 08/10/08 03:21 WG376845

Analyte	Result	Laboratory Blank			Batch
		Units	Date Analyzed		
trans-1,3-Dichloropropene	< .001	mg/kg	08/10/08 03:21	WG376845	
Trichloroethene	< .001	mg/kg	08/10/08 03:21	WG376845	
Trichlorofluoromethane	< .005	mg/kg	08/10/08 03:21	WG376845	
Vinyl chloride	< .001	mg/kg	08/10/08 03:21	WG376845	
Xylenes, Total	< .003	mg/kg	08/10/08 03:21	WG376845	
1,1,1,2-Tetrachloroethane	< .001	mg/kg	08/10/08 14:00	WG376859	
1,1,1-Trichloroethane	< .001	mg/kg	08/10/08 14:00	WG376859	
1,1,2,2-Tetrachloroethane	< .001	mg/kg	08/10/08 14:00	WG376859	
1,1,2-Trichloroethane	< .001	mg/kg	08/10/08 14:00	WG376859	
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg	08/10/08 14:00	WG376859	
1,1-Dichloroethane	< .001	mg/kg	08/10/08 14:00	WG376859	
1,1-Dichloroethene	< .001	mg/kg	08/10/08 14:00	WG376859	
1,1-Dichloropropene	< .001	mg/kg	08/10/08 14:00	WG376859	
1,2,3-Trichlorobenzene	< .001	mg/kg	08/10/08 14:00	WG376859	
1,2,3-Trichloropropane	< .001	mg/kg	08/10/08 14:00	WG376859	
1,2,3-Trimethylbenzene	< .001	mg/kg	08/10/08 14:00	WG376859	
1,2,4-Trichlorobenzene	< .001	mg/kg	08/10/08 14:00	WG376859	
1,2,4-Trimethylbenzene	< .001	mg/kg	08/10/08 14:00	WG376859	
1,2-Dibromo-3-Chloropropane	< .005	mg/kg	08/10/08 14:00	WG376859	
1,2-Dibromoethane	< .001	mg/kg	08/10/08 14:00	WG376859	
1,2-Dichlorobenzene	< .001	mg/kg	08/10/08 14:00	WG376859	
1,2-Dichloroethane	< .001	mg/kg	08/10/08 14:00	WG376859	
1,2-Dichloropropene	< .001	mg/kg	08/10/08 14:00	WG376859	
1,3,5-Trimethylbenzene	< .001	mg/kg	08/10/08 14:00	WG376859	
1,3-Dichlorobenzene	< .001	mg/kg	08/10/08 14:00	WG376859	
1,3-Dichloropropane	< .001	mg/kg	08/10/08 14:00	WG376859	
1,4-Dichlorobenzene	< .001	mg/kg	08/10/08 14:00	WG376859	
2,2-Dichloropropane	< .001	mg/kg	08/10/08 14:00	WG376859	
2-Butanone (MEK)	< .01	mg/kg	08/10/08 14:00	WG376859	
2-Chloroethyl vinyl ether	< .001	mg/kg	08/10/08 14:00	WG376859	
2-Chlorotoluene	< .001	mg/kg	08/10/08 14:00	WG376859	
4-Chlorotoluene	< .001	mg/kg	08/10/08 14:00	WG376859	
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg	08/10/08 14:00	WG376859	
Acetone	< .05	mg/kg	08/10/08 14:00	WG376859	
Acrylonitrile	< .01	mg/kg	08/10/08 14:00	WG376859	
Benzene	< .001	mg/kg	08/10/08 14:00	WG376859	
Bromobenzene	< .001	mg/kg	08/10/08 14:00	WG376859	
Bromodichloromethane	< .001	mg/kg	08/10/08 14:00	WG376859	
Bromoform	< .001	mg/kg	08/10/08 14:00	WG376859	
Bromomethane	< .005	mg/kg	08/10/08 14:00	WG376859	
Carbon tetrachloride	< .001	mg/kg	08/10/08 14:00	WG376859	
Chlorobenzene	< .001	mg/kg	08/10/08 14:00	WG376859	
Chlorodibromomethane	< .001	mg/kg	08/10/08 14:00	WG376859	
Chloroethane	< .005	mg/kg	08/10/08 14:00	WG376859	
Chloroform	< .005	mg/kg	08/10/08 14:00	WG376859	
Chloromethane	< .001	mg/kg	08/10/08 14:00	WG376859	
cis-1,2-Dichloroethene	< .001	mg/kg	08/10/08 14:00	WG376859	
cis-1,3-Dichloropropene	< .001	mg/kg	08/10/08 14:00	WG376859	
Di-isopropyl ether	< .001	mg/kg	08/10/08 14:00	WG376859	
Dibromomethane	< .001	mg/kg	08/10/08 14:00	WG376859	
Dichlorodifluoromethane	< .005	mg/kg	08/10/08 14:00	WG376859	
Ethylbenzene	< .001	mg/kg	08/10/08 14:00	WG376859	
Hexachloro-1,3-butadiene	< .001	mg/kg	08/10/08 14:00	WG376859	
Isopropylbenzene	< .001	mg/kg	08/10/08 14:00	WG376859	
Methyl tert-butyl ether	< .001	mg/kg	08/10/08 14:00	WG376859	
Methylene Chloride	< .005	mg/kg	08/10/08 14:00	WG376859	
n-Butylbenzene	< .001	mg/kg	08/10/08 14:00	WG376859	
n-Propylbenzene	< .001	mg/kg	08/10/08 14:00	WG376859	



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Quality Assurance Report  
Level II  
L359037

August 18, 2008

Analyte	Result	Laboratory Blank Units	Date Analyzed	Batch
Naphthalene	< .005	mg/kg	08/10/08 14:00	WG376859
p-Isopropyltoluene	< .001	mg/kg	08/10/08 14:00	WG376859
sec-Butylbenzene	< .001	mg/kg	08/10/08 14:00	WG376859
Styrene	< .001	mg/kg	08/10/08 14:00	WG376859
tert-Butylbenzene	< .001	mg/kg	08/10/08 14:00	WG376859
Tetrachloroethene	< .001	mg/kg	08/10/08 14:00	WG376859
Toluene	< .005	mg/kg	08/10/08 14:00	WG376859
trans-1,2-Dichloroethene	< .001	mg/kg	08/10/08 14:00	WG376859
trans-1,3-Dichloropropene	< .001	mg/kg	08/10/08 14:00	WG376859
Trichloroethene	< .001	mg/kg	08/10/08 14:00	WG376859
Trichlorofluoromethane	< .005	mg/kg	08/10/08 14:00	WG376859
Vinyl chloride	< .001	mg/kg	08/10/08 14:00	WG376859
Xylenes, Total	< .003	mg/kg	08/10/08 14:00	WG376859
1,2,4-Trichlorobenzene	< .33	ppm	08/12/08 11:17	WG376896
2,4,6-Trichlorophenol	< .33	ppm	08/12/08 11:17	WG376896
2,4-Dichlorophenol	< .33	ppm	08/12/08 11:17	WG376896
2,4-Dimethylphenol	< .33	ppm	08/12/08 11:17	WG376896
2,4-Dinitrophenol	< .33	ppm	08/12/08 11:17	WG376896
2,4-Dinitrotoluene	< .33	ppm	08/12/08 11:17	WG376896
2,6-Dinitrotoluene	< .33	ppm	08/12/08 11:17	WG376896
2-Chloronaphthalene	< .33	ppm	08/12/08 11:17	WG376896
2-Chlorophenol	< .33	ppm	08/12/08 11:17	WG376896
2-Nitrophenol	< .33	ppm	08/12/08 11:17	WG376896
3,3-Dichlorobenzidine	< .33	ppm	08/12/08 11:17	WG376896
4,6-Dinitro-2-methylphenol	< .33	ppm	08/12/08 11:17	WG376896
4-Bromophenyl-phenylether	< .33	ppm	08/12/08 11:17	WG376896
4-Chloro-3-methylphenol	< .33	ppm	08/12/08 11:17	WG376896
4-Chlorophenyl-phenylether	< .33	ppm	08/12/08 11:17	WG376896
4-Nitrophenol	< .33	ppm	08/12/08 11:17	WG376896
Acenaphthene	< .33	ppm	08/12/08 11:17	WG376896
Acenaphthylene	< .33	ppm	08/12/08 11:17	WG376896
Anthracene	< .33	ppm	08/12/08 11:17	WG376896
Benzidine	< .33	ppm	08/12/08 11:17	WG376896
Benzo(a)anthracene	< .33	ppm	08/12/08 11:17	WG376896
Benzo(a)pyrene	< .33	ppm	08/12/08 11:17	WG376896
Benzo(b)fluoranthene	< .33	ppm	08/12/08 11:17	WG376896
Benzo(g,h,i)perylene	< .33	ppm	08/12/08 11:17	WG376896
Benzo(k)fluoranthene	< .33	ppm	08/12/08 11:17	WG376896
Benzylbutyl phthalate	< .33	ppm	08/12/08 11:17	WG376896
Bis(2-chloroethoxy)methane	< .33	ppm	08/12/08 11:17	WG376896
Bis(2-chloroethyl)ether	< .33	ppm	08/12/08 11:17	WG376896
Bis(2-chloroisopropyl)ether	< .33	ppm	08/12/08 11:17	WG376896
Bis(2-ethylhexyl)phthalate	< .33	ppm	08/12/08 11:17	WG376896
Chrysene	< .33	ppm	08/12/08 11:17	WG376896
Di-n-butyl phthalate	< .33	ppm	08/12/08 11:17	WG376896
Di-n-octyl phthalate	< .33	ppm	08/12/08 11:17	WG376896
Dibenz(a,h)anthracene	< .33	ppm	08/12/08 11:17	WG376896
Diethyl phthalate	< .33	ppm	08/12/08 11:17	WG376896
Dimethyl phthalate	< .33	ppm	08/12/08 11:17	WG376896
Fluoranthene	< .33	ppm	08/12/08 11:17	WG376896
Fluorene	< .33	ppm	08/12/08 11:17	WG376896
Hexachloro-1,3-butadiene	< .33	ppm	08/12/08 11:17	WG376896
Hexachlorobenzene	< .33	ppm	08/12/08 11:17	WG376896
Hexachlorocyclopentadiene	< .33	ppm	08/12/08 11:17	WG376896
Hexachloroethane	< .33	ppm	08/12/08 11:17	WG376896
Indeno(1,2,3-cd)pyrene	< .33	ppm	08/12/08 11:17	WG376896
Isophorone	< .33	ppm	08/12/08 11:17	WG376896
n-Nitrosodi-n-propylamine	< .33	ppm	08/12/08 11:17	WG376896
n-Nitrosodimethylamine	< .33	ppm	08/12/08 11:17	WG376896



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**Quality Assurance Report  
Level II**

August 18, 2008

L359037

n-Nitrosodiphenylamine < .33 ppm 08/12/08 11:17 WG376896

Analyte	Result	Laboratory Blank		Date Analyzed	Batch
		Units			
Naphthalene	< .33	ppm		08/12/08 11:17	WG376896
Nitrobenzene	< .33	ppm		08/12/08 11:17	WG376896
Pentachlorophenol	< .33	ppm		08/12/08 11:17	WG376896
Phenanthrene	< .33	ppm		08/12/08 11:17	WG376896
Phenol	< .33	ppm		08/12/08 11:17	WG376896
Pyrene	< .33	ppm		08/12/08 11:17	WG376896
1,1,1,2-Tetrachloroethane	< .001	mg/kg		08/11/08 18:20	WG377014
1,1,1-Trichloroethane	< .001	mg/kg		08/11/08 18:20	WG377014
1,1,2,2-Tetrachloroethane	< .001	mg/kg		08/11/08 18:20	WG377014
1,1,2-Trichloroethane	< .001	mg/kg		08/11/08 18:20	WG377014
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg		08/11/08 18:20	WG377014
1,1-Dichloroethane	< .001	mg/kg		08/11/08 18:20	WG377014
1,1-Dichloroethene	< .001	mg/kg		08/11/08 18:20	WG377014
1,1-Dichloropropene	< .001	mg/kg		08/11/08 18:20	WG377014
1,2,3-Trichlorobenzene	< .001	mg/kg		08/11/08 18:20	WG377014
1,2,3-Trichloropropane	< .001	mg/kg		08/11/08 18:20	WG377014
1,2,3-Trimethylbenzene	< .001	mg/kg		08/11/08 18:20	WG377014
1,2,4-Trichlorobenzene	< .001	mg/kg		08/11/08 18:20	WG377014
1,2,4-Trimethylbenzene	< .001	mg/kg		08/11/08 18:20	WG377014
1,2-Dibromo-3-Chloropropane	< .005	mg/kg		08/11/08 18:20	WG377014
1,2-Dibromoethane	< .001	mg/kg		08/11/08 18:20	WG377014
1,2-Dichlorobenzene	< .001	mg/kg		08/11/08 18:20	WG377014
1,2-Dichloroethane	< .001	mg/kg		08/11/08 18:20	WG377014
1,2-Dichloropropane	< .001	mg/kg		08/11/08 18:20	WG377014
1,3,5-Trimethylbenzene	< .001	mg/kg		08/11/08 18:20	WG377014
1,3-Dichlorobenzene	< .001	mg/kg		08/11/08 18:20	WG377014
1,3-Dichloropropane	< .001	mg/kg		08/11/08 18:20	WG377014
1,4-Dichlorobenzene	< .001	mg/kg		08/11/08 18:20	WG377014
2,2-Dichloropropane	< .001	mg/kg		08/11/08 18:20	WG377014
2-Butanone (MEK)	< .01	mg/kg		08/11/08 18:20	WG377014
2-Chloroethyl vinyl ether	< .001	mg/kg		08/11/08 18:20	WG377014
2-Chlorotoluene	< .001	mg/kg		08/11/08 18:20	WG377014
4-Chlorotoluene	< .001	mg/kg		08/11/08 18:20	WG377014
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg		08/11/08 18:20	WG377014
Acetone	< .05	mg/kg		08/11/08 18:20	WG377014
Acrylonitrile	< .01	mg/kg		08/11/08 18:20	WG377014
Benzene	< .001	mg/kg		08/11/08 18:20	WG377014
Bromobenzene	< .001	mg/kg		08/11/08 18:20	WG377014
Bromodichloromethane	< .001	mg/kg		08/11/08 18:20	WG377014
Bromoform	< .001	mg/kg		08/11/08 18:20	WG377014
Bromomethane	< .005	mg/kg		08/11/08 18:20	WG377014
Carbon tetrachloride	< .001	mg/kg		08/11/08 18:20	WG377014
Chlorobenzene	< .001	mg/kg		08/11/08 18:20	WG377014
Chlorodibromomethane	< .001	mg/kg		08/11/08 18:20	WG377014
Chloroethane	< .005	mg/kg		08/11/08 18:20	WG377014
Chloroform	< .005	mg/kg		08/11/08 18:20	WG377014
Chloromethane	< .001	mg/kg		08/11/08 18:20	WG377014
cis-1,2-Dichloroethene	< .001	mg/kg		08/11/08 18:20	WG377014
cis-1,3-Dichloropropene	< .001	mg/kg		08/11/08 18:20	WG377014
Di-isopropyl ether	< .001	mg/kg		08/11/08 18:20	WG377014
Dibromomethane	< .001	mg/kg		08/11/08 18:20	WG377014
Dichlorodifluoromethane	< .005	mg/kg		08/11/08 18:20	WG377014
Ethylbenzene	< .001	mg/kg		08/11/08 18:20	WG377014
Hexachloro-1,3-butadiene	< .001	mg/kg		08/11/08 18:20	WG377014
Isopropylbenzene	< .001	mg/kg		08/11/08 18:20	WG377014
Methyl tert-butyl ether	< .001	mg/kg		08/11/08 18:20	WG377014
Methylene Chloride	< .005	mg/kg		08/11/08 18:20	WG377014
n-Butylbenzene	< .001	mg/kg		08/11/08 18:20	WG377014



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**Quality Assurance Report  
Level II**

Raleigh, NC 27613

L359037

August 18, 2008

n-Propylbenzene < .001 mg/kg 08/11/08 18:20 WG377014

Analyte	Result	Units	Date Analyzed	Batch
Naphthalene	< .005	mg/kg	08/11/08 18:20	WG377014
p-Isopropyltoluene	< .001	mg/kg	08/11/08 18:20	WG377014
sec-Butylbenzene	< .001	mg/kg	08/11/08 18:20	WG377014
Styrene	< .001	mg/kg	08/11/08 18:20	WG377014
tert-Butylbenzene	< .001	mg/kg	08/11/08 18:20	WG377014
Tetrachloroethene	< .001	mg/kg	08/11/08 18:20	WG377014
Toluene	< .005	mg/kg	08/11/08 18:20	WG377014
trans-1,2-Dichloroethene	< .001	mg/kg	08/11/08 18:20	WG377014
trans-1,3-Dichloropropene	< .001	mg/kg	08/11/08 18:20	WG377014
Trichloroethene	< .001	mg/kg	08/11/08 18:20	WG377014
Trichlorofluoromethane	< .005	mg/kg	08/11/08 18:20	WG377014
Vinyl chloride	< .001	mg/kg	08/11/08 18:20	WG377014
Xylenes, Total	< .003	mg/kg	08/11/08 18:20	WG377014
Total Solids	< .1	%	08/14/08 11:17	WG377401
Total Solids	< .1	%	08/14/08 11:20	WG377402

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	79.6	78.8	1.04	5	L359037-04	WG377401
Total Solids	%	86.3	88.6	2.64	5	L359044-09	WG377402

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.0556	111.	73-134	WG376845
1,1,1-Trichloroethane	mg/kg	.05	0.0623	125.	62-135	WG376845
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0478	95.7	74-129	WG376845
1,1,2-Trichloroethane	mg/kg	.05	0.0545	109.	77-124	WG376845
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0512	102.	49-155	WG376845
1,1-Dichloroethane	mg/kg	.05	0.0599	120.	61-134	WG376845
1,1-Dichloroethene	mg/kg	.05	0.0575	115.	53-136	WG376845
1,1-Dichloropropene	mg/kg	.05	0.0556	111.	63-132	WG376845
1,2,3-Trichlorobenzene	mg/kg	.05	0.0450	90.0	62-146	WG376845
1,2,3-Trichloropropane	mg/kg	.05	0.0555	111.	70-133	WG376845
1,2,3-Trimethylbenzene	mg/kg	.05	0.0470	94.0	73-126	WG376845
1,2,4-Trichlorobenzene	mg/kg	.05	0.0453	90.7	61-148	WG376845
1,2,4-Trimethylbenzene	mg/kg	.05	0.0531	106.	68-135	WG376845
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0413	82.5	61-134	WG376845
1,2-Dibromoethane	mg/kg	.05	0.0526	105.	76-127	WG376845
1,2-Dichlorobenzene	mg/kg	.05	0.0458	91.7	77-123	WG376845
1,2-Dichloroethane	mg/kg	.05	0.0620	124.	58-141	WG376845
1,2-Dichloropropane	mg/kg	.05	0.0543	109.	71-128	WG376845
1,3,5-Trimethylbenzene	mg/kg	.05	0.0552	110.	71-133	WG376845
1,3-Dichlorobenzene	mg/kg	.05	0.0514	103.	71-132	WG376845
1,3-Dichloropropane	mg/kg	.05	0.0507	101.	76-120	WG376845
1,4-Dichlorobenzene	mg/kg	.05	0.0453	90.6	72-123	WG376845
2,2-Dichloropropane	mg/kg	.05	0.0654	131.	50-147	WG376845
2-Butanone (MEK)	mg/kg	.25	0.281	112.	51-131	WG376845
2-Chloroethyl vinyl ether	mg/kg	.25	0.264	106.	0-188	WG376845
2-Chlorotoluene	mg/kg	.05	0.0539	108.	73-128	WG376845
4-Chlorotoluene	mg/kg	.05	0.0532	106.	72-129	WG376845
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.263	105.	61-143	WG376845
Acetone	mg/kg	.25	0.314	126.	44-140	WG376845
Acrylonitrile	mg/kg	.25	0.287	115.	55-143	WG376845
Benzene	mg/kg	.05	0.0582	116.	65-128	WG376845



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Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
Bromobenzene	mg/kg	.05	0.0514	103.	75-123	WG376845
Bromodichloromethane	mg/kg	.05	0.0601	120.	66-126	WG376845
Bromoform	mg/kg	.05	0.0534	107.	64-139	WG376845
Bromomethane	mg/kg	.05	0.0657	131.	41-175	WG376845
Carbon tetrachloride	mg/kg	.05	0.0601	120.	60-140	WG376845
Chlorobenzene	mg/kg	.05	0.0528	106.	75-125	WG376845
Chlorodibromomethane	mg/kg	.05	0.0576	115.	72-137	WG376845
Chloroethane	mg/kg	.05	0.0709	142.	44-159	WG376845
Chloroform	mg/kg	.05	0.0634	127.	63-123	WG376845
Chloromethane	mg/kg	.05	0.0597	119.	42-149	WG376845
cis-1,2-Dichloroethene	mg/kg	.05	0.0620	124.	71-129	WG376845
cis-1,3-Dichloropropene	mg/kg	.05	0.0574	115.	73-132	WG376845
Di-isopropyl ether	mg/kg	.05	0.0609	122.	59-143	WG376845
Dibromomethane	mg/kg	.05	0.0548	110.	70-130	WG376845
Dichlorodifluoromethane	mg/kg	.05	0.0638	128.	26-186	WG376845
Ethylbenzene	mg/kg	.05	0.0529	106.	74-128	WG376845
Hexachloro-1,3-butadiene	mg/kg	.05	0.0492	98.5	65-137	WG376845
Isopropylbenzene	mg/kg	.05	0.0542	108.	73-130	WG376845
Methyl tert-butyl ether	mg/kg	.05	0.0609	122.	44-148	WG376845
Methylene Chloride	mg/kg	.05	0.0590	118.	57-129	WG376845
n-Butylbenzene	mg/kg	.05	0.0442	88.4	60-145	WG376845
n-Propylbenzene	mg/kg	.05	0.0513	103.	71-132	WG376845
Naphthalene	mg/kg	.05	0.0395	78.9	61-142	WG376845
p-Isopropyltoluene	mg/kg	.05	0.0531	106.	67-138	WG376845
sec-Butylbenzene	mg/kg	.05	0.0515	103.	71-134	WG376845
Styrene	mg/kg	.05	0.0541	108.	76-133	WG376845
tert-Butylbenzene	mg/kg	.05	0.0525	105.	72-132	WG376845
Tetrachloroethene	mg/kg	.05	0.0508	102.	65-135	WG376845
Toluene	mg/kg	.05	0.0517	103.	70-120	WG376845
trans-1,2-Dichloroethene	mg/kg	.05	0.0598	120.	61-133	WG376845
trans-1,3-Dichloropropene	mg/kg	.05	0.0547	109.	70-135	WG376845
Trichloroethene	mg/kg	.05	0.0569	114.	71-126	WG376845
Trichlorofluoromethane	mg/kg	.05	0.0663	133.	52-147	WG376845
Vinyl chloride	mg/kg	.05	0.0618	124.	50-151	WG376845
Xylenes, Total	mg/kg	.15	0.157	105.	74-127	WG376845
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.0603	121.	73-134	WG376859
1,1,1-Trichloroethane	mg/kg	.05	0.0612	122.	62-135	WG376859
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0496	99.2	74-129	WG376859
1,1,2-Trichloroethane	mg/kg	.05	0.0518	104.	77-124	WG376859
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0626	125.	49-155	WG376859
1,1-Dichloroethane	mg/kg	.05	0.0555	111.	61-134	WG376859
1,1-Dichloroethene	mg/kg	.05	0.0544	109.	53-136	WG376859
1,1-Dichloropropene	mg/kg	.05	0.0560	112.	63-132	WG376859
1,2,3-Trichlorobenzene	mg/kg	.05	0.0504	101.	62-146	WG376859
1,2,3-Trichloropropane	mg/kg	.05	0.0582	116.	70-133	WG376859
1,2,3-Trimethylbenzene	mg/kg	.05	0.0475	95.0	73-126	WG376859
1,2,4-Trichlorobenzene	mg/kg	.05	0.0472	94.3	61-148	WG376859
1,2,4-Trimethylbenzene	mg/kg	.05	0.0555	111.	68-135	WG376859
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0456	91.3	61-134	WG376859
1,2-Dibromoethane	mg/kg	.05	0.0567	113.	76-127	WG376859
1,2-Dichlorobenzene	mg/kg	.05	0.0493	98.7	77-123	WG376859
1,2-Dichloroethane	mg/kg	.05	0.0618	124.	58-141	WG376859
1,2-Dichloropropane	mg/kg	.05	0.0488	97.6	71-128	WG376859
1,3,5-Trimethylbenzene	mg/kg	.05	0.0559	112.	71-133	WG376859
1,3-Dichlorobenzene	mg/kg	.05	0.0570	114.	71-132	WG376859
1,3-Dichloropropane	mg/kg	.05	0.0518	104.	76-120	WG376859
1,4-Dichlorobenzene	mg/kg	.05	0.0487	97.4	72-123	WG376859
2,2-Dichloropropane	mg/kg	.05	0.0617	123.	50-147	WG376859
2-Butanone (MEK)	mg/kg	.25	0.227	90.9	51-131	WG376859



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August 18, 2008

2-Chloroethyl vinyl ether mg/kg .25 0.227 90.9 0-188 WG376859

Analyte	Units	Laboratory Known Val	Control Sample Result	% Rec	Limit	Batch
2-Chlorotoluene	mg/kg	.05	0.0557	111.	73-128	WG376859
4-Chlorotoluene	mg/kg	.05	0.0548	110.	72-129	WG376859
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.226	90.4	61-143	WG376859
Acetone	mg/kg	.25	0.274	110.	44-140	WG376859
Acrylonitrile	mg/kg	.25	0.242	96.7	55-143	WG376859
Benzene	mg/kg	.05	0.0515	103.	65-128	WG376859
Bromobenzene	mg/kg	.05	0.0533	107.	75-123	WG376859
Bromodichloromethane	mg/kg	.05	0.0554	111.	66-126	WG376859
Bromoform	mg/kg	.05	0.0564	113.	64-139	WG376859
Bromomethane	mg/kg	.05	0.0591	118.	41-175	WG376859
Carbon tetrachloride	mg/kg	.05	0.0616	123.	60-140	WG376859
Chlorobenzene	mg/kg	.05	0.0561	112.	75-125	WG376859
Chlorodibromomethane	mg/kg	.05	0.0594	119.	72-137	WG376859
Chloroethane	mg/kg	.05	0.0541	108.	44-159	WG376859
Chloroform	mg/kg	.05	0.0578	116.	63-123	WG376859
Chloromethane	mg/kg	.05	0.0498	99.6	42-149	WG376859
cis-1,2-Dichloroethene	mg/kg	.05	0.0546	109.	71-129	WG376859
cis-1,3-Dichloropropene	mg/kg	.05	0.0506	101.	73-132	WG376859
Di-isopropyl ether	mg/kg	.05	0.0482	96.4	59-143	WG376859
Dibromomethane	mg/kg	.05	0.0541	108.	70-130	WG376859
Dichlorodifluoromethane	mg/kg	.05	0.0615	123.	26-186	WG376859
Ethylbenzene	mg/kg	.05	0.0539	108.	74-128	WG376859
Hexachloro-1,3-butadiene	mg/kg	.05	0.0520	104.	65-137	WG376859
Isopropylbenzene	mg/kg	.05	0.0556	111.	73-130	WG376859
Methyl tert-butyl ether	mg/kg	.05	0.0520	104.	44-148	WG376859
Methylene Chloride	mg/kg	.05	0.0517	103.	57-129	WG376859
n-Butylbenzene	mg/kg	.05	0.0463	92.5	60-145	WG376859
n-Propylbenzene	mg/kg	.05	0.0540	108.	71-132	WG376859
Naphthalene	mg/kg	.05	0.0453	90.6	61-142	WG376859
p-Isopropyltoluene	mg/kg	.05	0.0565	113.	67-138	WG376859
sec-Butylbenzene	mg/kg	.05	0.0552	110.	71-134	WG376859
Styrene	mg/kg	.05	0.0539	108.	76-133	WG376859
tert-Butylbenzene	mg/kg	.05	0.0585	117.	72-132	WG376859
Tetrachloroethene	mg/kg	.05	0.0599	120.	65-135	WG376859
Toluene	mg/kg	.05	0.0497	99.5	70-120	WG376859
trans-1,2-Dichloroethene	mg/kg	.05	0.0532	106.	61-133	WG376859
trans-1,3-Dichloropropene	mg/kg	.05	0.0518	104.	70-135	WG376859
Trichloroethene	mg/kg	.05	0.0566	113.	71-126	WG376859
Trichlorofluoromethane	mg/kg	.05	0.0672	134.	52-147	WG376859
Vinyl chloride	mg/kg	.05	0.0506	101.	50-151	WG376859
Xylenes, Total	mg/kg	.15	0.163	109.	74-127	WG376859
1,2,4-Trichlorobenzene	ppm	.333	0.199	59.9	46-99	WG376896
2,4,6-Trichlorophenol	ppm	.333	0.272	81.5	56-109	WG376896
2,4-Dichlorophenol	ppm	.333	0.240	72.2	54-107	WG376896
2,4-Dimethylphenol	ppm	.333	0.323	97.1	58-119	WG376896
2,4-Dinitrophenol	ppm	.333	0.255	76.7	16-130	WG376896
2,4-Dinitrotoluene	ppm	.333	0.253	76.0	53-120	WG376896
2,6-Dinitrotoluene	ppm	.333	0.249	74.7	56-113	WG376896
2-Chloronaphthalene	ppm	.333	0.245	73.6	55-103	WG376896
2-Chlorophenol	ppm	.333	0.202	60.5	52-108	WG376896
2-Nitrophenol	ppm	.333	0.237	71.1	38-110	WG376896
3,3-Dichlorobenzidine	ppm	.333	0.217	65.2	24-123	WG376896
4,6-Dinitro-2-methylphenol	ppm	.333	0.261	78.5	34-111	WG376896
4-Bromophenyl-phenylether	ppm	.333	0.287	86.1	47-98	WG376896
4-Chloro-3-methylphenol	ppm	.333	0.245	73.6	54-116	WG376896
4-Chlorophenyl-phenylether	ppm	.333	0.270	80.9	55-106	WG376896
4-Nitrophenol	ppm	.333	0.239	71.7	34-123	WG376896
Acenaphthene	ppm	.333	0.244	73.3	54-102	WG376896



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Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
Acenaphthylene	ppm	.333	0.247	74.2	56-104	WG376896
Anthracene	ppm	.333	0.266	79.8	57-112	WG376896
Benidine	ppm	.333	0.0000800	0.0240	0-13	WG376896
Benzo(a)anthracene	ppm	.333	0.252	75.8	55-105	WG376896
Benzo(a)pyrene	ppm	.333	0.266	79.8	59-114	WG376896
Benzo(b)fluoranthene	ppm	.333	0.182	54.6	44-116	WG376896
Benzo(g,h,i)perylene	ppm	.333	0.188	56.4	41-127	WG376896
Benzo(k)fluoranthene	ppm	.333	0.155	46.6	36-119	WG376896
Benzylbutyl phthalate	ppm	.333	0.307	92.3	57-130	WG376896
Bis(2-chlorethoxy)methane	ppm	.333	0.255	76.7	52-107	WG376896
Bis(2-chloroethyl)ether	ppm	.333	0.198	59.4	38-115	WG376896
Bis(2-chloroisopropyl)ether	ppm	.333	0.220	66.0	49-106	WG376896
Bis(2-ethylhexyl)phthalate	ppm	.333	0.300	90.0	50-130	WG376896
Chrysene	ppm	.333	0.252	75.8	54-103	WG376896
Di-n-butyl phthalate	ppm	.333	0.306	91.9	56-121	WG376896
Di-n-octyl phthalate	ppm	.333	0.288	86.4	50-128	WG376896
Dibenz(a,h)anthracene	ppm	.333	0.189	56.7	42-128	WG376896
Diethyl phthalate	ppm	.333	0.272	81.7	57-110	WG376896
Dimethyl phthalate	ppm	.333	0.282	84.8	57-108	WG376896
Fluoranthene	ppm	.333	0.257	77.3	51-109	WG376896
Fluorene	ppm	.333	0.245	73.5	53-106	WG376896
Hexachloro-1,3-butadiene	ppm	.333	0.219	65.8	46-110	WG376896
Hexachlorobenzene	ppm	.333	0.283	85.1	51-117	WG376896
Hexachlorocyclopentadiene	ppm	.333	0.195	58.5	21-127	WG376896
Hexachloroethane	ppm	.333	0.180	54.1	43-104	WG376896
Indeno(1,2,3-cd)pyrene	ppm	.333	0.188	56.5	42-127	WG376896
Isophorone	ppm	.333	0.223	67.1	56-116	WG376896
n-Nitrosodi-n-propylamine	ppm	.333	0.279	83.7	54-113	WG376896
n-Nitrosodimethylamine	ppm	.333	0.193	57.9	35-111	WG376896
n-Nitrosodiphenylamine	ppm	.333	0.310	93.1	66-126	WG376896
Naphthalene	ppm	.333	0.204	61.3	46-97	WG376896
Nitrobenzene	ppm	.333	0.205	61.4	46-102	WG376896
Pentachlorophenol	ppm	.333	0.284	85.2	37-118	WG376896
Phenanthrene	ppm	.333	0.255	76.5	56-102	WG376896
Phenol	ppm	.333	0.250	75.2	55-115	WG376896
Pyrene	ppm	.333	0.265	79.7	53-111	WG376896
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.0476	95.3	73-134	WG377014
1,1,1-Trichloroethane	mg/kg	.05	0.0463	92.5	62-135	WG377014
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0470	94.1	74-129	WG377014
1,1,2-Trichloroethane	mg/kg	.05	0.0464	92.7	77-124	WG377014
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0456	91.3	49-155	WG377014
1,1-Dichloroethane	mg/kg	.05	0.0441	88.3	61-134	WG377014
1,1-Dichloroethene	mg/kg	.05	0.0465	93.1	53-136	WG377014
1,1-Dichloropropene	mg/kg	.05	0.0456	91.3	63-132	WG377014
1,2,3-Trichlorobenzene	mg/kg	.05	0.0483	96.6	62-146	WG377014
1,2,3-Trichloropropane	mg/kg	.05	0.0413	82.7	70-133	WG377014
1,2,3-Trimethylbenzene	mg/kg	.05	0.0472	94.3	73-126	WG377014
1,2,4-Trichlorobenzene	mg/kg	.05	0.0467	93.4	61-148	WG377014
1,2,4-Trimethylbenzene	mg/kg	.05	0.0420	84.0	68-135	WG377014
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0500	100.	61-134	WG377014
1,2-Dibromoethane	mg/kg	.05	0.0472	94.5	76-127	WG377014
1,2-Dichlorobenzene	mg/kg	.05	0.0461	92.3	77-123	WG377014
1,2-Dichloroethane	mg/kg	.05	0.0460	91.9	58-141	WG377014
1,2-Dichloropropane	mg/kg	.05	0.0453	90.7	71-128	WG377014
1,3,5-Trimethylbenzene	mg/kg	.05	0.0409	81.8	71-133	WG377014
1,3-Dichlorobenzene	mg/kg	.05	0.0488	97.6	71-132	WG377014
1,3-Dichloropropane	mg/kg	.05	0.0451	90.3	76-120	WG377014
1,4-Dichlorobenzene	mg/kg	.05	0.0456	91.2	72-123	WG377014
2,2-Dichloropropane	mg/kg	.05	0.0462	92.4	50-147	WG377014



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**Quality Assurance Report  
Level II**

L359037

August 18, 2008

2-Butanone (MEK) mg/kg .25 0.224 89.7 51-131 WG377014

Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
2-Chloroethyl vinyl ether	mg/kg	.25	0.237	95.0	0-188	WG377014
2-Chlorotoluene	mg/kg	.05	0.0478	95.7	73-128	WG377014
4-Chlorotoluene	mg/kg	.05	0.0489	97.8	72-129	WG377014
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.237	94.7	61-143	WG377014
Acetone	mg/kg	.25	0.200	79.8	44-140	WG377014
Acrylonitrile	mg/kg	.25	0.232	92.8	55-143	WG377014
Benzene	mg/kg	.05	0.0432	86.4	65-128	WG377014
Bromobenzene	mg/kg	.05	0.0460	91.9	75-123	WG377014
Bromodichloromethane	mg/kg	.05	0.0480	96.1	66-126	WG377014
Bromoform	mg/kg	.05	0.0410	81.9	64-139	WG377014
Bromomethane	mg/kg	.05	0.0386	77.2	41-175	WG377014
Carbon tetrachloride	mg/kg	.05	0.0477	95.4	60-140	WG377014
Chlorobenzene	mg/kg	.05	0.0459	91.8	75-125	WG377014
Chlorodibromomethane	mg/kg	.05	0.0490	98.1	72-137	WG377014
Chloroethane	mg/kg	.05	0.0431	86.3	44-159	WG377014
Chloroform	mg/kg	.05	0.0452	90.3	63-123	WG377014
Chloromethane	mg/kg	.05	0.0453	90.5	42-149	WG377014
cis-1,2-Dichloroethene	mg/kg	.05	0.0465	93.1	71-129	WG377014
cis-1,3-Dichloropropene	mg/kg	.05	0.0473	94.7	73-132	WG377014
Di-isopropyl ether	mg/kg	.05	0.0464	92.8	59-143	WG377014
Dibromomethane	mg/kg	.05	0.0462	92.3	70-130	WG377014
Dichlorodifluoromethane	mg/kg	.05	0.0467	93.5	26-186	WG377014
Ethylbenzene	mg/kg	.05	0.0482	96.5	74-128	WG377014
Hexachloro-1,3-butadiene	mg/kg	.05	0.0492	98.4	65-137	WG377014
Isopropylbenzene	mg/kg	.05	0.0480	96.1	73-130	WG377014
Methyl tert-butyl ether	mg/kg	.05	0.0466	93.1	44-148	WG377014
Methylene Chloride	mg/kg	.05	0.0390	78.0	57-129	WG377014
n-Butylbenzene	mg/kg	.05	0.0521	104.	60-145	WG377014
n-Propylbenzene	mg/kg	.05	0.0488	97.7	71-132	WG377014
Naphthalene	mg/kg	.05	0.0472	94.4	61-142	WG377014
p-Isopropyltoluene	mg/kg	.05	0.0411	82.3	67-138	WG377014
sec-Butylbenzene	mg/kg	.05	0.0477	95.4	71-134	WG377014
Styrene	mg/kg	.05	0.0399	79.8	76-133	WG377014
tert-Butylbenzene	mg/kg	.05	0.0406	81.1	72-132	WG377014
Tetrachloroethene	mg/kg	.05	0.0466	93.2	65-135	WG377014
Toluene	mg/kg	.05	0.0437	87.4	70-120	WG377014
trans-1,2-Dichloroethene	mg/kg	.05	0.0466	93.2	61-133	WG377014
trans-1,3-Dichloropropene	mg/kg	.05	0.0413	82.6	70-135	WG377014
Trichloroethene	mg/kg	.05	0.0470	94.0	71-126	WG377014
Trichlorofluoromethane	mg/kg	.05	0.0428	85.7	52-147	WG377014
Vinyl chloride	mg/kg	.05	0.0464	92.8	50-151	WG377014
Xylenes, Total	mg/kg	.15	0.128	85.2	74-127	WG377014
Total Solids	%	50	50.0	100.	85-115	WG377401
Total Solids	%	50	50.0	100.	85-115	WG377402

Analyte	Laboratory Control		Sample Duplicate		Limit	%Rec	Batch
	Units	LCSD Res	Ref Res	RPD			
1,1,1,2-Tetrachloroethane	mg/kg	0.0563	0.0556	1.25	20	113	WG376845
1,1,1-Trichloroethane	mg/kg	0.0681	0.0623	8.85	20	136	WG376845
1,1,2,2-Tetrachloroethane	mg/kg	0.0495	0.0478	3.48	20	99	WG376845
1,1,2-Trichloroethane	mg/kg	0.0538	0.0545	1.27	20	108	WG376845
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0542	0.0512	5.59	20	108	WG376845
1,1-Dichloroethane	mg/kg	0.0640	0.0599	6.77	20	128	WG376845
1,1-Dichloroethene	mg/kg	0.0585	0.0575	1.70	20	117	WG376845
1,1-Dichloropropene	mg/kg	0.0615	0.0556	10.1	20	123	WG376845
1,2,3-Trichlorobenzene	mg/kg	0.0504	0.0450	11.3	20	101	WG376845



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Quality Assurance Report  
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August 18, 2008

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Analyte	Units	LCS	D Res	Ref Res	RPD	Limit	%Rec	Batch
1,2,3-Trichloropropane	mg/kg	0.0587	0.0555	5.59	20	117		WG376845
1,2,3-Trimethylbenzene	mg/kg	0.0495	0.0470	5.16	20	99		WG376845
1,2,4-Trichlorobenzene	mg/kg	0.0491	0.0453	7.90	20	98		WG376845
1,2,4-Trimethylbenzene	mg/kg	0.0552	0.0531	3.91	20	110		WG376845
1,2-Dibromo-3-Chloropropane	mg/kg	0.0414	0.0413	0.355	21	83		WG376845
1,2-Dibromoethane	mg/kg	0.0542	0.0526	2.92	20	108		WG376845
1,2-Dichlorobenzene	mg/kg	0.0479	0.0458	4.39	20	96		WG376845
1,2-Dichloroethane	mg/kg	0.0671	0.0620	7.98	20	134		WG376845
1,2-Dichloropropane	mg/kg	0.0543	0.0543	0.0874	20	109		WG376845
1,3,5-Trimethylbenzene	mg/kg	0.0571	0.0552	3.40	20	114		WG376845
1,3-Dichlorobenzene	mg/kg	0.0534	0.0514	3.69	20	107		WG376845
1,3-Dichloropropane	mg/kg	0.0514	0.0507	1.43	20	103		WG376845
1,4-Dichlorobenzene	mg/kg	0.0477	0.0453	5.12	20	95		WG376845
2,2-Dichloropropane	mg/kg	0.0679	0.0654	3.73	20	136		WG376845
2-Butanone (MEK)	mg/kg	0.295	0.281	4.82	25	118		WG376845
2-Chloroethyl vinyl ether	mg/kg	0.281	0.264	6.15	39	112		WG376845
2-Chlorotoluene	mg/kg	0.0561	0.0539	3.97	20	112		WG376845
4-Chlorotoluene	mg/kg	0.0555	0.0532	4.07	20	111		WG376845
4-Methyl-2-pentanone (MIBK)	mg/kg	0.263	0.263	0.0093	23	105		WG376845
Acetone	mg/kg	0.314	0.314	0.0075	25	126		WG376845
Acrylonitrile	mg/kg	0.287	0.287	0.0843	20	115		WG376845
Benzene	mg/kg	0.0628	0.0582	7.59	20	126		WG376845
Bromobenzene	mg/kg	0.0541	0.0514	5.01	20	108		WG376845
Bromodichloromethane	mg/kg	0.0618	0.0601	2.71	20	124		WG376845
Bromoform	mg/kg	0.0522	0.0534	2.39	20	104		WG376845
Bromomethane	mg/kg	0.0727	0.0657	10.0	20	145		WG376845
Carbon tetrachloride	mg/kg	0.0666	0.0601	10.2	20	133		WG376845
Chlorobenzene	mg/kg	0.0546	0.0528	3.29	20	109		WG376845
Chlorodibromomethane	mg/kg	0.0573	0.0576	0.421	20	115		WG376845
Chloroethane	mg/kg	0.0766	0.0709	7.67	20	153		WG376845
Chloroform	mg/kg	0.0662	0.0634	4.32	20	132		WG376845
Chloromethane	mg/kg	0.0619	0.0597	3.69	20	124		WG376845
cis-1,2-Dichloroethene	mg/kg	0.0663	0.0620	6.79	20	133		WG376845
cis-1,3-Dichloropropene	mg/kg	0.0588	0.0574	2.39	20	118		WG376845
Di-isopropyl ether	mg/kg	0.0644	0.0609	5.54	20	129		WG376845
Dibromomethane	mg/kg	0.0559	0.0548	1.99	20	112		WG376845
Dichlorodifluoromethane	mg/kg	0.0697	0.0638	8.78	22	139		WG376845
Ethylbenzene	mg/kg	0.0537	0.0529	1.60	20	107		WG376845
Hexachloro-1,3-butadiene	mg/kg	0.0525	0.0492	6.38	20	105		WG376845
Isopropylbenzene	mg/kg	0.0561	0.0542	3.46	20	112		WG376845
Methyl tert-butyl ether	mg/kg	0.0633	0.0609	3.78	20	127		WG376845
Methylene Chloride	mg/kg	0.0592	0.0590	0.245	20	118		WG376845
n-Butylbenzene	mg/kg	0.0484	0.0442	9.06	20	97		WG376845
n-Propylbenzene	mg/kg	0.0539	0.0513	4.85	20	108		WG376845
Naphthalene	mg/kg	0.0460	0.0395	15.3	20	92		WG376845
p-Isopropyltoluene	mg/kg	0.0562	0.0531	5.69	20	112		WG376845
sec-Butylbenzene	mg/kg	0.0544	0.0515	5.43	20	109		WG376845
Styrene	mg/kg	0.0556	0.0541	2.66	20	111		WG376845
tert-Butylbenzene	mg/kg	0.0556	0.0525	5.69	20	111		WG376845
Tetrachloroethene	mg/kg	0.0531	0.0508	4.46	20	106		WG376845
Toluene	mg/kg	0.0541	0.0517	4.54	20	108		WG376845
trans-1,2-Dichloroethene	mg/kg	0.0582	0.0598	2.79	20	116		WG376845
trans-1,3-Dichloropropene	mg/kg	0.0537	0.0547	1.85	20	107		WG376845
Trichloroethene	mg/kg	0.0617	0.0569	8.09	20	123		WG376845
Trichlorofluoromethane	mg/kg	0.0721	0.0663	8.40	20	144		WG376845
Vinyl chloride	mg/kg	0.0660	0.0618	6.57	20	132		WG376845
Xylenes, Total	mg/kg	0.162	0.157	3.12	20	108		WG376845
1,1,1,2-Tetrachloroethane	mg/kg	0.0595	0.0603	1.31	20	119		WG376859
1,1,1-Trichloroethane	mg/kg	0.0599	0.0612	2.19	20	120		WG376859



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**Quality Assurance Report  
Level II**

L359037

August 18, 2008

1,1,2,2-Tetrachloroethane mg/kg 0.0495 0.0496 0.262 20 99 WG376859

Analyte	Units	Laboratory Control		Sample Duplicate		Limit	%Rec	Batch
		LCS	Res	Ref	Res			
1,1,2-Trichloroethane	mg/kg	0.0528	0.0518	1.81	20	106	WG376859	
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0603	0.0626	3.80	20	121	WG376859	
1,1-Dichloroethane	mg/kg	0.0537	0.0555	3.21	20	107	WG376859	
1,1-Dichloroethene	mg/kg	0.0528	0.0544	2.96	20	106	WG376859	
1,1-Dichloropropene	mg/kg	0.0544	0.0560	2.97	20	109	WG376859	
1,2,3-Trichlorobenzene	mg/kg	0.0526	0.0504	4.38	20	105	WG376859	
1,2,3-Trichloropropene	mg/kg	0.0580	0.0582	0.308	20	116	WG376859	
1,2,3-Trimethylbenzene	mg/kg	0.0483	0.0475	1.73	20	97	WG376859	
1,2,4-Trichlorobenzene	mg/kg	0.0484	0.0472	2.69	20	97	WG376859	
1,2,4-Trimethylbenzene	mg/kg	0.0559	0.0555	0.646	20	112	WG376859	
1,2-Dibromo-3-Chloropropane	mg/kg	0.0467	0.0456	2.20	21	93	WG376859	
1,2-Dibromoethane	mg/kg	0.0573	0.0567	1.02	20	115	WG376859	
1,2-Dichlorobenzene	mg/kg	0.0494	0.0493	0.0607	20	99	WG376859	
1,2-Dichloroethane	mg/kg	0.0612	0.0618	0.945	20	122	WG376859	
1,2-Dichloropropane	mg/kg	0.0491	0.0488	0.647	20	98	WG376859	
1,3,5-Trimethylbenzene	mg/kg	0.0562	0.0559	0.472	20	112	WG376859	
1,3-Dichlorobenzene	mg/kg	0.0574	0.0570	0.576	20	115	WG376859	
1,3-Dichloropropane	mg/kg	0.0536	0.0518	3.41	20	107	WG376859	
1,4-Dichlorobenzene	mg/kg	0.0494	0.0487	1.50	20	99	WG376859	
2,2-Dichloropropane	mg/kg	0.0615	0.0617	0.305	20	123	WG376859	
2-Butanone (MEK)	mg/kg	0.233	0.227	2.53	25	93	WG376859	
2-Chloroethyl vinyl ether	mg/kg	0.243	0.227	6.70	39	97	WG376859	
2-Chlorotoluene	mg/kg	0.0561	0.0557	0.760	20	112	WG376859	
4-Chlorotoluene	mg/kg	0.0556	0.0548	1.38	20	111	WG376859	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.241	0.226	6.50	23	96	WG376859	
Acetone	mg/kg	0.264	0.274	3.64	25	106	WG376859	
Acrylonitrile	mg/kg	0.235	0.242	2.78	20	94	WG376859	
Benzene	mg/kg	0.0503	0.0515	2.35	20	101	WG376859	
Bromobenzene	mg/kg	0.0528	0.0533	0.888	20	106	WG376859	
Bromodichloromethane	mg/kg	0.0549	0.0554	1.06	20	110	WG376859	
Bromoform	mg/kg	0.0575	0.0564	1.83	20	115	WG376859	
Bromomethane	mg/kg	0.0564	0.0591	4.67	20	113	WG376859	
Carbon tetrachloride	mg/kg	0.0604	0.0616	2.06	20	121	WG376859	
Chlorobenzene	mg/kg	0.0565	0.0561	0.706	20	113	WG376859	
Chlorodibromomethane	mg/kg	0.0599	0.0594	0.834	20	120	WG376859	
Chloroethane	mg/kg	0.0515	0.0541	4.84	20	103	WG376859	
Chloroform	mg/kg	0.0560	0.0578	3.16	20	112	WG376859	
Chloromethane	mg/kg	0.0484	0.0498	2.92	20	97	WG376859	
cis-1,2-Dichloroethene	mg/kg	0.0525	0.0546	3.83	20	105	WG376859	
cis-1,3-Dichloropropene	mg/kg	0.0514	0.0506	1.73	20	103	WG376859	
Di-isopropyl ether	mg/kg	0.0478	0.0482	0.841	20	96	WG376859	
Dibromomethane	mg/kg	0.0541	0.0541	0.0570	20	108	WG376859	
Dichlorodifluoromethane	mg/kg	0.0576	0.0615	6.67	22	115	WG376859	
Ethylbenzene	mg/kg	0.0555	0.0539	2.96	20	111	WG376859	
Hexachloro-1,3-butadiene	mg/kg	0.0529	0.0520	1.72	20	106	WG376859	
Isopropylbenzene	mg/kg	0.0564	0.0556	1.56	20	113	WG376859	
Methyl tert-butyl ether	mg/kg	0.0510	0.0520	1.95	20	102	WG376859	
Methylene Chloride	mg/kg	0.0495	0.0517	4.43	20	99	WG376859	
n-Butylbenzene	mg/kg	0.0477	0.0463	3.10	20	95	WG376859	
n-Propylbenzene	mg/kg	0.0551	0.0540	2.06	20	110	WG376859	
Naphthalene	mg/kg	0.0469	0.0453	3.47	20	94	WG376859	
p-Isopropyltoluene	mg/kg	0.0575	0.0565	1.89	20	115	WG376859	
sec-Butylbenzene	mg/kg	0.0560	0.0552	1.32	20	112	WG376859	
Styrene	mg/kg	0.0544	0.0539	1.10	20	109	WG376859	
tert-Butylbenzene	mg/kg	0.0590	0.0585	0.913	20	118	WG376859	
Tetrachloroethene	mg/kg	0.0599	0.0599	0.120	20	120	WG376859	
Toluene	mg/kg	0.0502	0.0497	0.879	20	100	WG376859	
trans-1,2-Dichloroethene	mg/kg	0.0511	0.0532	4.15	20	102	WG376859	
trans-1,3-Dichloropropene	mg/kg	0.0534	0.0518	3.14	20	107	WG376859	



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1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

SiTech Consulting, PC.  
Mr. Simon List  
9000 Breeland Way  
Raleigh, NC 27613

**Quality Assurance Report  
Level II**

L359037

August 18, 2008

Analyte	Units	LCS	D	Res	Ref	Res	RPD	Limit	%Rec	Batch
Trichloroethene	mg/kg	0.0570	0.0566	0.688	20	114	WG376859			
Trichlorofluoromethane	mg/kg	0.0631	0.0672	6.29	20	126	WG376859			
Vinyl chloride	mg/kg	0.0488	0.0506	3.61	20	98	WG376859			
Xylenes, Total	mg/kg	0.166	0.163	1.87	20	111	WG376859			
1,2,4-Trichlorobenzene	ppm	0.206	0.199	3.45	24	62	WG376896			
2,4,6-Trichlorophenol	ppm	0.264	0.272	2.90	20	79	WG376896			
2,4-Dichlorophenol	ppm	0.241	0.240	0.245	21	72	WG376896			
2,4-Dimethylphenol	ppm	0.325	0.323	0.358	23	97	WG376896			
2,4-Dinitrophenol	ppm	0.270	0.255	5.64	45	81	WG376896			
2,4-Dinitrotoluene	ppm	0.243	0.253	4.00	23	73	WG376896			
2,6-Dinitrotoluene	ppm	0.250	0.249	0.361	22	75	WG376896			
2-Chloronaphthalene	ppm	0.234	0.245	4.52	20	70	WG376896			
2-Chlorophenol	ppm	0.210	0.202	4.22	24	63	WG376896			
2-Nitrophenol	ppm	0.244	0.237	2.79	24	73	WG376896			
3,3-Dichlorobenzidine	ppm	0.207	0.217	4.91	35	62	WG376896			
4,6-Dinitro-2-methylphenol	ppm	0.263	0.261	0.675	33	79	WG376896			
4-Bromophenyl-phenylether	ppm	0.250	0.287	13.8	23	75	WG376896			
4-Chloro-3-methylphenol	ppm	0.244	0.245	0.290	23	73	WG376896			
4-Chlorophenyl-phenylether	ppm	0.261	0.270	3.05	22	79	WG376896			
4-Nitrophenol	ppm	0.246	0.239	2.83	36	74	WG376896			
Acenaphthene	ppm	0.234	0.244	4.06	20	70	WG376896			
Acenaphthylene	ppm	0.238	0.247	3.63	20	72	WG376896			
Anthracene	ppm	0.254	0.266	4.66	21	76	WG376896			
Benzidine	ppm	0.0000	0.0000	11.8	50	0	WG376896			
Benzo(a)anthracene	ppm	0.244	0.252	3.31	21	73	WG376896			
Benzo(a)pyrene	ppm	0.250	0.266	5.96	22	75	WG376896			
Benzo(b)fluoranthene	ppm	0.177	0.182	2.64	33	53	WG376896			
Benzo(g,h,i)perylene	ppm	0.176	0.188	6.23	29	53	WG376896			
Benzo(k)fluoranthene	ppm	0.139	0.155	10.9	37	42	WG376896			
Benzylbutyl phthalate	ppm	0.275	0.307	10.9	27	83	WG376896			
Bis(2-chloroethoxy)methane	ppm	0.257	0.255	0.449	21	77	WG376896			
Bis(2-chloroethyl) ether	ppm	0.208	0.198	5.07	28	63	WG376896			
Bis(2-chloroisopropyl) ether	ppm	0.224	0.220	1.75	25	67	WG376896			
Bis(2-ethylhexyl)phthalate	ppm	0.260	0.300	14.1	29	78	WG376896			
Chrysene	ppm	0.244	0.252	3.21	23	73	WG376896			
Di-n-butyl phthalate	ppm	0.271	0.306	12.0	22	82	WG376896			
Di-n-octyl phthalate	ppm	0.259	0.288	10.6	26	78	WG376896			
Dibenz(a,h)anthracene	ppm	0.180	0.189	4.98	28	54	WG376896			
Diethyl phthalate	ppm	0.263	0.272	3.53	20	79	WG376896			
Dimethyl phthalate	ppm	0.266	0.282	5.89	20	80	WG376896			
Fluoranthene	ppm	0.243	0.257	5.89	26	73	WG376896			
Fluorene	ppm	0.236	0.245	3.45	20	71	WG376896			
Hexachloro-1,3-butadiene	ppm	0.230	0.219	4.61	25	69	WG376896			
Hexachlorobenzene	ppm	0.252	0.283	11.9	24	76	WG376896			
Hexachlorocyclopentadiene	ppm	0.205	0.195	5.00	40	62	WG376896			
Hexachloroethane	ppm	0.187	0.180	3.82	27	56	WG376896			
Indeno(1,2,3-cd)pyrene	ppm	0.177	0.188	6.14	28	53	WG376896			
Isophorone	ppm	0.221	0.223	0.890	21	67	WG376896			
n-Nitrosodi-n-propylamine	ppm	0.272	0.279	2.39	21	82	WG376896			
n-Nitrosodimethylamine	ppm	0.236	0.193	20.1	35	71	WG376896			
n-Nitrosodiphenylamine	ppm	0.284	0.310	8.80	22	85	WG376896			
Naphthalene	ppm	0.209	0.204	2.35	23	63	WG376896			
Nitrobenzene	ppm	0.207	0.205	1.25	23	62	WG376896			
Pentachlorophenol	ppm	0.278	0.284	2.23	28	83	WG376896			
Phenanthrene	ppm	0.236	0.255	7.79	20	71	WG376896			
Phenol	ppm	0.255	0.250	1.95	22	77	WG376896			
Pyrene	ppm	0.239	0.265	10.6	26	72	WG376896			
1,1,1,2-Tetrachloroethane	mg/kg	0.0528	0.0476	10.4	20	106	WG377014			



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Analyte	Units	LCSD	Res	Ref Res	RPD	Limit	%Rec	Batch
1,1,1-Trichloroethane	mg/kg	0.0498	0.0463	7.32	20	100		WG377014
Laboratory Control Sample Duplicate								
1,1,2,2-Tetrachloroethane	mg/kg	0.0502	0.0470	6.60	20	100		WG377014
1,1,2-Trichloroethane	mg/kg	0.0506	0.0464	8.70	20	101		WG377014
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0486	0.0456	6.18	20	97		WG377014
1,1-Dichloroethane	mg/kg	0.0473	0.0441	7.03	20	95		WG377014
1,1-Dichloroethene	mg/kg	0.0493	0.0465	5.74	20	99		WG377014
1,1-Dichloropropene	mg/kg	0.0487	0.0456	6.57	20	97		WG377014
1,2,3-Trichlorobenzene	mg/kg	0.0466	0.0483	3.50	20	93		WG377014
1,2,3-Trichloropropene	mg/kg	0.0437	0.0413	5.42	20	87		WG377014
1,2,3-Trimethylbenzene	mg/kg	0.0494	0.0472	4.56	20	99		WG377014
1,2,4-Trichlorobenzene	mg/kg	0.0467	0.0467	0.109	20	93		WG377014
1,2,4-Trimethylbenzene	mg/kg	0.0448	0.0420	6.39	20	90		WG377014
1,2-Dibromo-3-Chloropropene	mg/kg	0.0499	0.0500	0.221	21	100		WG377014
1,2-Dibromoethane	mg/kg	0.0518	0.0472	9.27	20	104		WG377014
1,2-Dichlorobenzene	mg/kg	0.0477	0.0461	3.43	20	95		WG377014
1,2-Dichloroethane	mg/kg	0.0485	0.0460	5.34	20	97		WG377014
1,2-Dichloropropene	mg/kg	0.0483	0.0453	6.31	20	97		WG377014
1,3,5-Trimethylbenzene	mg/kg	0.0443	0.0409	7.83	20	89		WG377014
1,3-Dichlorobenzene	mg/kg	0.0521	0.0488	6.56	20	104		WG377014
1,3-Dichloropropene	mg/kg	0.0488	0.0451	7.69	20	98		WG377014
1,4-Dichlorobenzene	mg/kg	0.0473	0.0456	3.66	20	95		WG377014
2,2-Dichloropropene	mg/kg	0.0497	0.0462	7.19	20	99		WG377014
2-Butanone (MEK)	mg/kg	0.235	0.224	4.74	25	94		WG377014
2-Chloroethyl vinyl ether	mg/kg	0.248	0.237	4.33	39	99		WG377014
2-Chlorotoluene	mg/kg	0.0519	0.0478	8.22	20	104		WG377014
4-Chlorotoluene	mg/kg	0.0525	0.0489	7.06	20	105		WG377014
4-Methyl-2-pentanone (MIBK)	mg/kg	0.246	0.237	3.60	23	98		WG377014
Acetone	mg/kg	0.207	0.200	3.91	25	83		WG377014
Acrylonitrile	mg/kg	0.243	0.232	4.78	20	97		WG377014
Benzene	mg/kg	0.0462	0.0432	6.69	20	92		WG377014
Bromobenzene	mg/kg	0.0509	0.0460	10.2	20	102		WG377014
Bromodichloromethane	mg/kg	0.0510	0.0480	6.07	20	102		WG377014
Bromoform	mg/kg	0.0439	0.0410	6.99	20	88		WG377014
Bromomethane	mg/kg	0.0398	0.0386	3.02	20	80		WG377014
Carbon tetrachloride	mg/kg	0.0509	0.0477	6.50	20	102		WG377014
Chlorobenzene	mg/kg	0.0509	0.0459	10.3	20	102		WG377014
Chlorodibromomethane	mg/kg	0.0537	0.0490	9.10	20	107		WG377014
Chloroethane	mg/kg	0.0432	0.0431	0.0979	20	86		WG377014
Chloroform	mg/kg	0.0481	0.0452	6.38	20	96		WG377014
Chloromethane	mg/kg	0.0488	0.0453	7.59	20	98		WG377014
cis-1,2-Dichloroethene	mg/kg	0.0494	0.0465	5.93	20	99		WG377014
cis-1,3-Dichloropropene	mg/kg	0.0506	0.0473	6.63	20	101		WG377014
Di-isopropyl ether	mg/kg	0.0499	0.0464	7.31	20	100		WG377014
Dibromomethane	mg/kg	0.0490	0.0462	5.92	20	98		WG377014
Dichlorodifluoromethane	mg/kg	0.0498	0.0467	6.30	22	100		WG377014
Ethylbenzene	mg/kg	0.0526	0.0482	8.64	20	105		WG377014
Hexachloro-1,3-butadiene	mg/kg	0.0495	0.0492	0.648	20	99		WG377014
Isopropylbenzene	mg/kg	0.0526	0.0480	9.08	20	105		WG377014
Methyl tert-butyl ether	mg/kg	0.0499	0.0466	6.85	20	100		WG377014
Methylene Chloride	mg/kg	0.0422	0.0390	8.01	20	84		WG377014
n-Butylbenzene	mg/kg	0.0537	0.0521	3.01	20	107		WG377014
n-Propylbenzene	mg/kg	0.0534	0.0488	8.86	20	107		WG377014
Naphthalene	mg/kg	0.0454	0.0472	3.94	20	91		WG377014
p-Isopropyltoluene	mg/kg	0.0439	0.0411	6.43	20	88		WG377014
sec-Butylbenzene	mg/kg	0.0522	0.0477	8.99	20	104		WG377014
Styrene	mg/kg	0.0435	0.0399	8.63	20	87		WG377014
tert-Butylbenzene	mg/kg	0.0438	0.0406	7.57	20	88		WG377014
Tetrachloroethene	mg/kg	0.0513	0.0466	9.56	20	103		WG377014
Toluene	mg/kg	0.0465	0.0437	6.17	20	93		WG377014
trans-1,2-Dichloroethene	mg/kg	0.0487	0.0466	4.47	20	97		WG377014



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L359037

trans-1,3-Dichloropropene mg/kg 0.0439 0.0413 5.99 20 88 WG377014

Analyte	Laboratory Control Sample Duplicate				Limit	%Rec	Batch
	Units	LCSD Res	Ref Res	RPD			
Trichloroethene	mg/kg	0.0499	0.0470	5.92	20	100	WG377014
Trichlorofluoromethane	mg/kg	0.0451	0.0428	5.07	20	90	WG377014
Vinyl chloride	mg/kg	0.0479	0.0464	3.10	20	96	WG377014
Xylenes, Total	mg/kg	0.139	0.128	8.67	20	93	WG377014

Analyte	Units	Matrix Spike			% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res	TV				
1,1,1,2-Tetrachloroethane	mg/kg	0.0494	0.00	.05	98.9	29-145	L359027-20	WG376845
1,1,1-Trichloroethane	mg/kg	0.0592	0.00	.05	118.	23-147	L359027-20	WG376845
1,1,2,2-Tetrachloroethane	mg/kg	0.0467	0.00	.05	93.4	18-150	L359027-20	WG376845
1,1,2-Trichloroethane	mg/kg	0.0498	0.00	.05	99.7	35-140	L359027-20	WG376845
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0503	0.00	.05	101.	10-145	L359027-20	WG376845
1,1-Dichloroethane	mg/kg	0.0576	0.00	.05	115.	24-148	L359027-20	WG376845
1,1-Dichloroethene	mg/kg	0.0515	0.00	.05	103.	10-149	L359027-20	WG376845
1,1-Dichloropropene	mg/kg	0.0494	0.00	.05	98.8	10-141	L359027-20	WG376845
1,2,3-Trichlorobenzene	mg/kg	0.0343	0.00	.05	68.5	10-129	L359027-20	WG376845
1,2,3-Trichloropropane	mg/kg	0.0498	0.00	.05	99.6	30-148	L359027-20	WG376845
1,2,3-Trimethylbenzene	mg/kg	0.0422	0.00	.05	84.4	10-137	L359027-20	WG376845
1,2,4-Trichlorobenzene	mg/kg	0.0361	0.00	.05	72.1	10-119	L359027-20	WG376845
1,2,4-Trimethylbenzene	mg/kg	0.0443	0.00	.05	88.6	10-145	L359027-20	WG376845
1,2-Dibromo-3-Chloropropane	mg/kg	0.0394	0.00	.05	78.8	19-145	L359027-20	WG376845
1,2-Dibromoethane	mg/kg	0.0470	0.00	.05	93.9	24-145	L359027-20	WG376845
1,2-Dichlorobenzene	mg/kg	0.0494	0.00	.05	80.8	12-130	L359027-20	WG376845
1,2-Dichloroethane	mg/kg	0.0600	0.00	.05	120.	21-155	L359027-20	WG376845
1,2-Dichloropropane	mg/kg	0.0476	0.00	.05	95.2	28-144	L359027-20	WG376845
1,3,5-Trimethylbenzene	mg/kg	0.0461	0.00	.05	92.2	10-135	L359027-20	WG376845
1,3-Dichlorobenzene	mg/kg	0.0424	0.00	.05	84.7	10-129	L359027-20	WG376845
1,3-Dichloropropane	mg/kg	0.0460	0.00	.05	91.9	31-137	L359027-20	WG376845
1,4-Dichlorobenzene	mg/kg	0.0380	0.00	.05	76.0	10-121	L359027-20	WG376845
2,2-Dichloropropane	mg/kg	0.0598	0.00	.05	120.	18-144	L359027-20	WG376845
2-Butanone (MEK)	mg/kg	0.273	0.00	.25	109.	21-143	L359027-20	WG376845
2-Chloroethyl vinyl ether	mg/kg	0.242	0.00	.25	97.0	0-176	L359027-20	WG376845
2-Chlorotoluene	mg/kg	0.0458	0.00	.05	91.6	10-132	L359027-20	WG376845
4-Chlorotoluene	mg/kg	0.0444	0.00	.05	88.8	10-129	L359027-20	WG376845
4-Methyl-2-pentanone (MIBK)	mg/kg	0.269	0.00	.25	108.	31-151	L359027-20	WG376845
Acetone	mg/kg	0.294	0.00	.25	117.	13-158	L359027-20	WG376845
Acrylonitrile	mg/kg	0.291	0.00	.25	116.	20-154	L359027-20	WG376845
Benzene	mg/kg	0.0529	0.00	.05	106.	16-143	L359027-20	WG376845
Bromobenzene	mg/kg	0.0443	0.00	.05	88.6	14-135	L359027-20	WG376845
Bromodichloromethane	mg/kg	0.0554	0.00	.05	111.	27-139	L359027-20	WG376845
Bromoform	mg/kg	0.0479	0.00	.05	95.8	21-144	L359027-20	WG376845
Bromomethane	mg/kg	0.0528	0.00	.05	106.	0-180	L359027-20	WG376845
Carbon tetrachloride	mg/kg	0.0577	0.00	.05	115.	12-149	L359027-20	WG376845
Chlorobenzene	mg/kg	0.0457	0.00	.05	91.5	17-134	L359027-20	WG376845
Chlorodibromomethane	mg/kg	0.0536	0.00	.05	107.	28-147	L359027-20	WG376845
Chloroethane	mg/kg	0.0569	0.00	.05	114.	0-172	L359027-20	WG376845
Chloroform	mg/kg	0.0610	0.00	.05	122.	28-138	L359027-20	WG376845
Chloromethane	mg/kg	0.0458	0.00	.05	91.6	10-158	L359027-20	WG376845
cis-1,2-Dichloroethene	mg/kg	0.0589	0.00	.05	118.	21-147	L359027-20	WG376845
cis-1,3-Dichloropropene	mg/kg	0.0522	0.00	.05	104.	17-145	L359027-20	WG376845
Di-isopropyl ether	mg/kg	0.0607	0.00	.05	121.	31-153	L359027-20	WG376845
Dibromomethane	mg/kg	0.0498	0.00	.05	99.5	24-147	L359027-20	WG376845
Dichlorodifluoromethane	mg/kg	0.0432	0.00	.05	86.3	0-192	L359027-20	WG376845
Ethylbenzene	mg/kg	0.0454	0.00	.05	90.8	12-137	L359027-20	WG376845
Hexachloro-1,3-butadiene	mg/kg	0.0389	0.00	.05	77.9	10-123	L359027-20	WG376845
Isopropylbenzene	mg/kg	0.0466	0.00	.05	93.3	14-134	L359027-20	WG376845
Methyl tert-butyl ether	mg/kg	0.0637	0.00	.05	127.	21-157	L359027-20	WG376845
Methylene Chloride	mg/kg	0.0524	0.00	.05	105.	12-149	L359027-20	WG376845



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L359037

n-Butylbenzene mg/kg 0.0368 0.00 0.05 73.5 10-130 L359027-20 WG376845

Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
n-Propylbenzene	mg/kg	0.0432	0.00	0.05	86.3	10-130	L359027-20	WG376845
Naphthalene	mg/kg	0.0364	0.00	0.05	72.9	0-146	L359027-20	WG376845
p-Isopropyltoluene	mg/kg	0.0434	0.00	0.05	86.7	10-131	L359027-20	WG376845
sec-Butylbenzene	mg/kg	0.0441	0.00	0.05	88.2	10-134	L359027-20	WG376845
Styrene	mg/kg	0.0477	0.00	0.05	95.4	10-140	L359027-20	WG376845
tert-Butylbenzene	mg/kg	0.0459	0.00	0.05	91.9	11-137	L359027-20	WG376845
Tetrachloroethene	mg/kg	0.0396	0.00	0.05	79.3	10-131	L359027-20	WG376845
Toluene	mg/kg	0.0459	0.00	0.05	91.8	12-136	L359027-20	WG376845
trans-1,2-Dichloroethene	mg/kg	0.0517	0.00	0.05	103.	10-143	L359027-20	WG376845
trans-1,3-Dichloropropene	mg/kg	0.0518	0.00	0.05	104.	16-147	L359027-20	WG376845
Trichloroethene	mg/kg	0.0483	0.00	0.05	96.6	10-155	L359027-20	WG376845
Trichlorofluoromethane	mg/kg	0.0567	0.00	0.05	113.	10-154	L359027-20	WG376845
Vinyl chloride	mg/kg	0.0482	0.00	0.05	96.3	10-159	L359027-20	WG376845
Xylenes, Total	mg/kg	0.134	0.00	0.15	89.4	10-138	L359027-20	WG376845
1,1,1,2-Tetrachloroethane	mg/kg	0.0473	0.00	0.05	94.7	29-145	L358201-38	WG376859
1,1,1-Trichloroethane	mg/kg	0.0554	0.00	0.05	111.	23-147	L358201-38	WG376859
1,1,2,2-Tetrachloroethane	mg/kg	0.0383	0.00	0.05	76.5	18-150	L358201-38	WG376859
1,1,2-Trichloroethane	mg/kg	0.0411	0.00	0.05	82.1	35-140	L358201-38	WG376859
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0568	0.00	0.05	114.	10-145	L358201-38	WG376859
1,1-Dichloroethane	mg/kg	0.0502	0.00	0.05	100.	24-148	L358201-38	WG376859
1,1-Dichloroethene	mg/kg	0.0506	0.00	0.05	101.	10-149	L358201-38	WG376859
1,1-Dichloropropene	mg/kg	0.0486	0.00	0.05	97.2	10-141	L358201-38	WG376859
1,2,3-Trichlorobenzene	mg/kg	0.0267	0.00	0.05	53.4	10-129	L358201-38	WG376859
1,2,3-Trichloropropane	mg/kg	0.0435	0.00	0.05	87.0	30-148	L358201-38	WG376859
1,2,3-Trimethylbenzene	mg/kg	0.0577	0.00	0.05	115.	10-137	L358201-38	WG376859
1,2,4-Trichlorobenzene	mg/kg	0.0236	0.00	0.05	47.1	10-119	L358201-38	WG376859
1,2,4-Trimethylbenzene	mg/kg	0.0377	0.00	0.05	75.3	10-145	L358201-38	WG376859
1,2-Dibromo-3-Chloropropane	mg/kg	0.0509	0.00	0.05	102.	19-145	L358201-38	WG376859
1,2-Dibromoethane	mg/kg	0.0360	0.00	0.05	71.9	24-145	L358201-38	WG376859
1,2-Dichlorobenzene	mg/kg	0.0407	0.00	0.05	81.3	12-130	L358201-38	WG376859
1,2-Dichloroethane	mg/kg	0.0551	0.00	0.05	110.	21-155	L358201-38	WG376859
1,2-Dichloropropene	mg/kg	0.0443	0.00	0.05	88.6	28-144	L358201-38	WG376859
1,3,5-Trimethylbenzene	mg/kg	0.0397	0.00	0.05	79.3	10-135	L358201-38	WG376859
1,3-Dichlorobenzene	mg/kg	0.0274	0.00	0.05	54.7	10-129	L358201-38	WG376859
1,3-Dichloropropane	mg/kg	0.0387	0.00	0.05	77.4	31-137	L358201-38	WG376859
1,4-Dichlorobenzene	mg/kg	0.0384	0.00	0.05	76.9	10-121	L358201-38	WG376859
2,2-Dichloropropane	mg/kg	0.0541	0.00	0.05	108.	18-144	L358201-38	WG376859
2-Butanone (MEK)	mg/kg	0.270	0.00	0.25	108.	21-143	L358201-38	WG376859
2-Chloroethyl vinyl ether	mg/kg	0.197	0.00	0.25	78.8	0-176	L358201-38	WG376859
2-Chlorotoluene	mg/kg	0.0371	0.00	0.05	74.3	10-132	L358201-38	WG376859
4-Chlorotoluene	mg/kg	0.0316	0.00	0.05	63.3	10-129	L358201-38	WG376859
4-Methyl-2-pentanone (MIBK)	mg/kg	0.262	0.00	0.25	105.	31-151	L358201-38	WG376859
Acetone	mg/kg	0.343	0.00	0.25	137.	13-158	L358201-38	WG376859
Acrylonitrile	mg/kg	0.240	0.00	0.25	96.2	20-154	L358201-38	WG376859
Benzene	mg/kg	0.0469	0.00	0.05	93.8	16-143	L358201-38	WG376859
Bromobenzene	mg/kg	0.0305	0.00	0.05	61.1	14-135	L358201-38	WG376859
Bromodichloromethane	mg/kg	0.0462	0.00	0.05	92.3	27-139	L358201-38	WG376859
Bromoform	mg/kg	0.0341	0.00	0.05	68.2	21-144	L358201-38	WG376859
Bromomethane	mg/kg	0.0537	0.00	0.05	107.	0-180	L358201-38	WG376859
Carbon tetrachloride	mg/kg	0.0550	0.00	0.05	110.	12-149	L358201-38	WG376859
Chlorobenzene	mg/kg	0.0374	0.00	0.05	74.8	17-134	L358201-38	WG376859
Chlorodibromomethane	mg/kg	0.0408	0.00	0.05	81.6	28-147	L358201-38	WG376859
Chloroethane	mg/kg	0.0418	0.00	0.05	83.7	0-172	L358201-38	WG376859
Chloroform	mg/kg	0.0507	0.00	0.05	101.	28-138	L358201-38	WG376859
Chloromethane	mg/kg	0.0450	0.00	0.05	90.0	10-158	L358201-38	WG376859
cis-1,2-Dichloroethene	mg/kg	0.0469	0.00	0.05	93.7	21-147	L358201-38	WG376859
cis-1,3-Dichloropropene	mg/kg	0.0396	0.00	0.05	79.3	17-145	L358201-38	WG376859
Di-isopropyl ether	mg/kg	0.0472	0.00	0.05	94.3	31-153	L358201-38	WG376859



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**Quality Assurance Report  
Level II**

Raleigh, NC 27613

August 18, 2008

L359037

Dibromomethane mg/kg 0.0435 0.00 .05 87.0 24-147 L358201-38 WG376859

Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
Dichlorodifluoromethane	mg/kg	0.0525	0.00	.05	105.	0-192	L358201-38	WG376859
Ethylbenzene	mg/kg	0.0397	0.00	.05	79.5	12-137	L358201-38	WG376859
Hexachloro-1,3-butadiene	mg/kg	0.0557	0.00	.05	111.	10-123	L358201-38	WG376859
Isopropylbenzene	mg/kg	0.0412	0.00	.05	82.4	14-134	L358201-38	WG376859
Methyl tert-butyl ether	mg/kg	0.0542	0.00	.05	108.	21-157	L358201-38	WG376859
Methylene Chloride	mg/kg	0.0479	0.00	.05	95.8	12-149	L358201-38	WG376859
n-Butylbenzene	mg/kg	0.0506	0.00	.05	101.	10-130	L358201-38	WG376859
n-Propylbenzene	mg/kg	0.0376	0.00	.05	75.1	10-130	L358201-38	WG376859
Naphthalene	mg/kg	0.0269	0.00	.05	53.8	0-146	L358201-38	WG376859
p-Isopropyltoluene	mg/kg	0.0388	0.00	.05	77.6	10-131	L358201-38	WG376859
sec-Butylbenzene	mg/kg	0.0387	0.00	.05	77.4	10-134	L358201-38	WG376859
Styrene	mg/kg	0.0337	0.00	.05	67.4	10-140	L358201-38	WG376859
tert-Butylbenzene	mg/kg	0.0434	0.00	.05	86.8	11-137	L358201-38	WG376859
Tetrachloroethene	mg/kg	0.0447	0.00	.05	89.5	10-131	L358201-38	WG376859
Toluene	mg/kg	0.0432	0.00	.05	86.3	12-136	L358201-38	WG376859
trans-1,2-Dichloroethene	mg/kg	0.0469	0.00	.05	93.9	10-143	L358201-38	WG376859
trans-1,3-Dichloropropene	mg/kg	0.0365	0.00	.05	73.0	16-147	L358201-38	WG376859
Trichloroethene	mg/kg	0.0474	0.00	.05	94.8	10-155	L358201-38	WG376859
Trichlorofluoromethane	mg/kg	0.0590	0.00	.05	118.	10-154	L358201-38	WG376859
Vinyl chloride	mg/kg	0.0442	0.00	.05	88.4	10-159	L358201-38	WG376859
Xylenes, Total	mg/kg	0.120	0.00	.15	80.2	10-138	L358201-38	WG376859
1,2,4-Trichlorobenzene	ppm	0.236	0.00	.333	70.9	37-104	L359027-20	WG376896
2,4,6-Trichlorophenol	ppm	0.289	0.00	.333	86.7	27-128	L359027-20	WG376896
2,4-Dichlorophenol	ppm	0.264	0.00	.333	79.3	39-116	L359027-20	WG376896
2,4-Dimethylphenol	ppm	0.366	0.00	.333	110.	50-119	L359027-20	WG376896
2,4-Dinitrophenol	ppm	0.278	0.00	.333	83.5	10-123	L359027-20	WG376896
2,4-Dinitrotoluene	ppm	0.266	0.00	.333	80.0	52-121	L359027-20	WG376896
2,6-Dinitrotoluene	ppm	0.267	0.00	.333	80.2	53-114	L359027-20	WG376896
2-Chloronaphthalene	ppm	0.258	0.00	.333	77.3	52-101	L359027-20	WG376896
2-Chlorophenol	ppm	0.237	0.00	.333	71.1	41-112	L359027-20	WG376896
2-Nitrophenol	ppm	0.271	0.00	.333	81.4	23-117	L359027-20	WG376896
3,3-Dichlorobenzidine	ppm	0.211	0.00	.333	63.5	10-133	L359027-20	WG376896
4,6-Dinitro-2-methylphenol	ppm	0.289	0.00	.333	86.9	10-124	L359027-20	WG376896
4-Bromophenyl-phenylether	ppm	0.279	0.00	.333	83.9	37-103	L359027-20	WG376896
4-Chloro-3-methylphenol	ppm	0.260	0.00	.333	78.1	52-119	L359027-20	WG376896
4-Chlorophenyl-phenylether	ppm	0.282	0.00	.333	84.7	53-105	L359027-20	WG376896
4-Nitrophenol	ppm	0.267	0.00	.333	80.3	15-140	L359027-20	WG376896
Acenaphthene	ppm	0.258	0.00	.333	77.4	52-102	L359027-20	WG376896
Acenaphthylene	ppm	0.263	0.00	.333	78.9	54-103	L359027-20	WG376896
Anthracene	ppm	0.278	0.00	.333	83.3	55-114	L359027-20	WG376896
Benzidine	ppm	0.0006	0.00	.333	0.1	0-45	L359027-20	WG376896
Benzo(a)anthracene	ppm	0.262	0.00	.333	78.6	37-124	L359027-20	WG376896
Benzo(a)pyrene	ppm	0.275	0.00	.333	82.6	44-129	L359027-20	WG376896
Benzo(b)fluoranthene	ppm	0.185	0.00	.333	55.6	28-135	L359027-20	WG376896
Benzo(g,h,i)perylene	ppm	0.191	0.00	.333	57.5	25-123	L359027-20	WG376896
Benzo(k)fluoranthene	ppm	0.164	0.00	.333	49.1	41-116	L359027-20	WG376896
Benzylbutyl phthalate	ppm	0.285	0.00	.333	85.4	45-143	L359027-20	WG376896
Bis(2-chloroethoxy)methane	ppm	0.289	0.00	.333	86.9	48-108	L359027-20	WG376896
Bis(2-chloroethyl)ether	ppm	0.242	0.00	.333	72.7	36-115	L359027-20	WG376896
Bis(2-chloroisopropyl)ether	ppm	0.270	0.00	.333	81.1	44-109	L359027-20	WG376896
Bis(2-ethylhexyl)phthalate	ppm	0.278	0.00	.333	83.5	40-128	L359027-20	WG376896
Chrysene	ppm	0.267	0.00	.333	80.1	39-119	L359027-20	WG376896
Di-n-butyl phthalate	ppm	0.299	0.00	.333	89.6	49-121	L359027-20	WG376896
Di-n-octyl phthalate	ppm	0.279	0.00	.333	83.9	40-132	L359027-20	WG376896
Dibenz(a,h)anthracene	ppm	0.193	0.00	.333	58.1	29-123	L359027-20	WG376896
Diethyl phthalate	ppm	0.286	0.00	.333	85.8	51-113	L359027-20	WG376896
Dimethyl phthalate	ppm	0.295	0.00	.333	88.7	54-108	L359027-20	WG376896
Fluoranthene	ppm	0.267	0.00	.333	80.1	23-143	L359027-20	WG376896



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**Quality Assurance Report  
Level II**

August 18, 2008

L359037

Fluorene ppm 0.259 0.00 .333 77.7 53-107 L359027-20 WG376896

Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
Hexachloro-1,3-butadiene	ppm	0.266	0.00	.333	79.9	39-113	L359027-20	WG376896
Hexachlorobenzene	ppm	0.279	0.00	.333	83.9	49-108	L359027-20	WG376896
Hexachlorocyclopentadiene	ppm	0.213	0.00	.333	64.0	10-131	L359027-20	WG376896
Hexachloroethane	ppm	0.226	0.00	.333	67.8	25-118	L359027-20	WG376896
Indeno(1,2,3-cd)pyrene	ppm	0.190	0.00	.333	57.1	28-125	L359027-20	WG376896
Isophorone	ppm	0.246	0.00	.333	73.9	51-115	L359027-20	WG376896
n-Nitrosodi-n-propylamine	ppm	0.303	0.00	.333	91.0	54-110	L359027-20	WG376896
n-Nitrosodimethylamine	ppm	0.234	0.00	.333	70.2	20-116	L359027-20	WG376896
n-Nitrosodiphenylamine	ppm	0.312	0.00	.333	93.7	54-138	L359027-20	WG376896
Naphthalene	ppm	0.235	0.00	.333	70.5	41-100	L359027-20	WG376896
Nitrobenzene	ppm	0.239	0.00	.333	71.6	40-102	L359027-20	WG376896
Pentachlorophenol	ppm	0.303	0.00	.333	91.1	10-146	L359027-20	WG376896
Phenanthrene	ppm	0.264	0.00	.333	79.4	37-125	L359027-20	WG376896
Phenol	ppm	0.283	0.00	.333	85.0	52-111	L359027-20	WG376896
Pyrene	ppm	0.253	0.00	.333	75.9	22-151	L359027-20	WG376896
C5-C8 Aliphatics	mg/kg	33.2	0.00	.75	108.	70-130	L359036-01	WG376919
C9-C10 Aromatics	mg/kg	7.22	0.00	.1	176.	70-130	L359036-01	WG376919
C9-C12 Aliphatics	mg/kg	27.9	0.00	.55	124.	70-130	L359036-01	WG376919
Volatile Petroleum Hydrocarbons	mg/kg	53.9	0.00	.05	2630	70-130	L359036-01	WG376919
1,1,1,2-Tetrachloroethane	mg/kg	0.228	0.00	.05	91.3	29-145	L359201-21	WG377014
1,1,1-Trichloroethane	mg/kg	0.210	0.00	.05	84.0	23-147	L359201-21	WG377014
1,1,2,2-Tetrachloroethane	mg/kg	0.0871	0.00	.05	34.8	18-150	L359201-21	WG377014
1,1,2-Trichloroethane	mg/kg	0.227	0.00	.05	90.7	35-140	L359201-21	WG377014
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.199	0.00	.05	79.4	10-145	L359201-21	WG377014
1,1-Dichloroethane	mg/kg	0.206	0.00	.05	82.2	24-148	L359201-21	WG377014
1,1-Dichloroethene	mg/kg	0.200	0.00	.05	79.9	10-149	L359201-21	WG377014
1,1-Dichloropropene	mg/kg	0.195	0.00	.05	77.9	10-141	L359201-21	WG377014
1,2,3-Trichlorobenzene	mg/kg	0.206	0.00	.05	82.6	10-129	L359201-21	WG377014
1,2,3-Trichloropropane	mg/kg	0.212	0.00	.05	84.7	30-148	L359201-21	WG377014
1,2,3-Trimethylbenzene	mg/kg	0.205	0.00	.05	82.1	10-137	L359201-21	WG377014
1,2,4-Trichlorobenzene	mg/kg	0.197	0.00	.05	78.6	10-119	L359201-21	WG377014
1,2,4-Trimethylbenzene	mg/kg	0.183	0.00	.05	73.1	10-145	L359201-21	WG377014
1,2-Dibromo-3-Chloropropane	mg/kg	0.251	0.00	.05	100.	19-145	L359201-21	WG377014
1,2-Dibromoethane	mg/kg	0.228	0.00	.05	91.2	24-145	L359201-21	WG377014
1,2-Dichlorobenzene	mg/kg	0.207	0.00	.05	82.7	12-130	L359201-21	WG377014
1,2-Dichloroethane	mg/kg	0.217	0.00	.05	86.8	21-155	L359201-21	WG377014
1,2-Dichloropropane	mg/kg	0.213	0.00	.05	85.2	28-144	L359201-21	WG377014
1,3,5-Trimethylbenzene	mg/kg	0.181	0.00	.05	72.3	10-135	L359201-21	WG377014
1,3-Dichlorobenzene	mg/kg	0.216	0.00	.05	86.3	10-129	L359201-21	WG377014
1,3-Dichloropropane	mg/kg	0.217	0.00	.05	86.6	31-137	L359201-21	WG377014
1,4-Dichlorobenzene	mg/kg	0.198	0.00	.05	79.3	10-121	L359201-21	WG377014
2,2-Dichloropropane	mg/kg	0.213	0.00	.05	85.1	18-144	L359201-21	WG377014
2-Butanone (MEK)	mg/kg	1.20	0.00	.25	96.3	21-143	L359201-21	WG377014
2-Chloroethyl vinyl ether	mg/kg	1.17	0.00	.25	93.3	0-176	L359201-21	WG377014
2-Chlorotoluene	mg/kg	0.213	0.00	.05	85.3	10-132	L359201-21	WG377014
4-Chlorotoluene	mg/kg	0.218	0.00	.05	87.2	10-129	L359201-21	WG377014
4-Methyl-2-pentanone (MIBK)	mg/kg	1.26	0.00	.25	101.	31-151	L359201-21	WG377014
Acetone	mg/kg	1.11	0.00	.25	88.8	13-158	L359201-21	WG377014
Acrylonitrile	mg/kg	1.23	0.00	.25	98.1	20-154	L359201-21	WG377014
Benzene	mg/kg	0.193	0.00	.05	77.3	16-143	L359201-21	WG377014
Bromobenzene	mg/kg	0.213	0.00	.05	85.2	14-135	L359201-21	WG377014
Bromodichloromethane	mg/kg	0.226	0.00	.05	90.5	27-139	L359201-21	WG377014
Bromoform	mg/kg	0.206	0.00	.05	82.4	21-144	L359201-21	WG377014
Bromomethane	mg/kg	0.161	0.00	.05	64.5	0-180	L359201-21	WG377014
Carbon tetrachloride	mg/kg	0.212	0.00	.05	84.8	12-149	L359201-21	WG377014
Chlorobenzene	mg/kg	0.209	0.00	.05	83.8	17-134	L359201-21	WG377014
Chlorodibromomethane	mg/kg	0.238	0.00	.05	95.4	28-147	L359201-21	WG377014



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August 18, 2008

L359037

Analyte	Units	MS Res	Matrix Spike Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Chloroethane	mg/kg	0.165	0.00	.05	66.1	0-172	L359201-21	WG377014
Chloroform	mg/kg	0.210	0.00	.05	83.8	28-138	L359201-21	WG377014
Chloromethane	mg/kg	0.180	0.00	.05	72.2	10-158	L359201-21	WG377014
cis-1,2-Dichloroethene	mg/kg	0.207	0.00	.05	82.6	21-147	L359201-21	WG377014
cis-1,3-Dichloropropene	mg/kg	0.221	0.00	.05	88.4	17-145	L359201-21	WG377014
Di-isopropyl ether	mg/kg	0.222	0.00	.05	88.9	31-153	L359201-21	WG377014
Dibromomethane	mg/kg	0.220	0.00	.05	88.2	24-147	L359201-21	WG377014
Dichlorodifluoromethane	mg/kg	0.176	0.00	.05	70.5	0-192	L359201-21	WG377014
Ethylbenzene	mg/kg	0.209	0.00	.05	83.8	12-137	L359201-21	WG377014
Hexachloro-1,3-butadiene	mg/kg	0.175	0.00	.05	70.2	10-123	L359201-21	WG377014
Isopropylbenzene	mg/kg	0.211	0.00	.05	84.2	14-134	L359201-21	WG377014
Methyl tert-butyl ether	mg/kg	0.237	0.00	.05	94.7	21-157	L359201-21	WG377014
Methylene Chloride	mg/kg	0.179	0.00	.05	71.5	12-149	L359201-21	WG377014
n-Butylbenzene	mg/kg	0.204	0.00	.05	81.7	10-130	L359201-21	WG377014
n-Propylbenzene	mg/kg	0.208	0.00	.05	83.1	10-130	L359201-21	WG377014
Naphthalene	mg/kg	0.222	0.00	.05	88.7	0-146	L359201-21	WG377014
p-Isopropyltoluene	mg/kg	0.172	0.00	.05	69.0	10-131	L359201-21	WG377014
sec-Butylbenzene	mg/kg	0.201	0.00	.05	80.5	10-134	L359201-21	WG377014
Styrene	mg/kg	0.181	0.00	.05	72.6	10-140	L359201-21	WG377014
tert-Butylbenzene	mg/kg	0.178	0.00	.05	71.0	11-137	L359201-21	WG377014
Tetrachloroethene	mg/kg	0.201	0.00	.05	80.5	10-131	L359201-21	WG377014
Toluene	mg/kg	0.193	0.00	.05	77.2	12-136	L359201-21	WG377014
trans-1,2-Dichloroethene	mg/kg	0.196	0.00	.05	78.2	10-143	L359201-21	WG377014
trans-1,3-Dichloropropene	mg/kg	0.196	0.00	.05	78.3	16-147	L359201-21	WG377014
Trichloroethene	mg/kg	0.348	0.00	.05	139.	10-155	L359201-21	WG377014
Trichlorofluoromethane	mg/kg	0.175	0.00	.05	70.0	10-154	L359201-21	WG377014
Vinyl chloride	mg/kg	0.184	0.00	.05	73.7	10-159	L359201-21	WG377014
Xylenes, Total	mg/kg	0.565	0.00	.15	75.4	10-138	L359201-21	WG377014
C5-C8 Aliphatics	mg/kg	779.	0.00	.75	104.	70-130	L359037-05	WG377626
C9-C10 Aromatics	mg/kg	452.	340.	.1	112.	70-130	L359037-05	WG377626
C9-C12 Aliphatics	mg/kg	1040	470.	.55	104.	70-130	L359037-05	WG377626
Volatile Petroleum Hydrocarbons	mg/kg	1370	130.	.05	2480	70-130	L359037-05	WG377626

Analyte	Units	MSD Res	Matrix Spike Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
1,1,1,2-Tetrachloroethane	mg/kg	0.0535	0.0494	7.97	31	107.	L359027-20	WG376845
1,1,1-Trichloroethane	mg/kg	0.0597	0.0592	0.901	32	119.	L359027-20	WG376845
1,1,2,2-Tetrachloroethane	mg/kg	0.0510	0.0467	8.74	33	102.	L359027-20	WG376845
1,1,2-Trichloroethane	mg/kg	0.0519	0.0498	3.98	29	104.	L359027-20	WG376845
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0507	0.0503	0.752	35	101.	L359027-20	WG376845
1,1-Dichloroethane	mg/kg	0.0556	0.0576	3.48	31	111.	L359027-20	WG376845
1,1-Dichloroethene	mg/kg	0.0505	0.0515	1.98	34	101.	L359027-20	WG376845
1,1-Dichloropropene	mg/kg	0.0508	0.0494	2.87	34	102.	L359027-20	WG376845
1,2,3-Trichlorobenzene	mg/kg	0.0384	0.0343	11.3	43	76.7	L359027-20	WG376845
1,2,3-Trichloropropene	mg/kg	0.0577	0.0498	14.7	32	115.	L359027-20	WG376845
1,2,3-Trimethylbenzene	mg/kg	0.0407	0.0422	3.64	36	81.4	L359027-20	WG376845
1,2,4-Trichlorobenzene	mg/kg	0.0363	0.0361	0.748	44	72.7	L359027-20	WG376845
1,2,4-Trimethylbenzene	mg/kg	0.0484	0.0443	8.84	41	96.8	L359027-20	WG376845
1,2-Dibromo-3-Chloropropane	mg/kg	0.0389	0.0394	1.21	35	77.8	L359027-20	WG376845
1,2-Dibromoethane	mg/kg	0.0497	0.0470	5.74	31	99.5	L359027-20	WG376845
1,2-Dichlorobenzene	mg/kg	0.0406	0.0404	0.414	35	81.2	L359027-20	WG376845
1,2-Dichloroethane	mg/kg	0.0573	0.0600	4.68	29	115.	L359027-20	WG376845
1,2-Dichloropropene	mg/kg	0.0480	0.0476	0.817	30	96.0	L359027-20	WG376845
1,3,5-Trimethylbenzene	mg/kg	0.0509	0.0461	9.82	39	102.	L359027-20	WG376845
1,3-Dichlorobenzene	mg/kg	0.0459	0.0424	8.00	38	91.8	L359027-20	WG376845
1,3-Dichloropropene	mg/kg	0.0486	0.0460	5.60	29	97.2	L359027-20	WG376845
1,4-Dichlorobenzene	mg/kg	0.0383	0.0380	0.760	36	76.5	L359027-20	WG376845
2,2-Dichloropropene	mg/kg	0.0626	0.0598	4.57	32	125.	L359027-20	WG376845



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**Quality Assurance Report  
Level II**

August 18, 2008

L359037

2-Butanone (MEK) mg/kg 0.253 0.273 7.65 37 101. L359027-20 WG376845

Analyte	Units	Matrix Spike Duplicate		RPD	Limit	%Rec	Ref Samp	Batch
		MSD Res	Ref Res					
2-Chloroethyl vinyl ether	mg/kg	0.247	0.242	2.04	50	99.0	L359027-20	WG376845
2-Chlorotoluene	mg/kg	0.0501	0.0458	9.06	37	100.	L359027-20	WG376845
4-Chlorotoluene	mg/kg	0.0480	0.0444	7.86	38	96.1	L359027-20	WG376845
4-Methyl-2-pentanone (MIBK)	mg/kg	0.239	0.269	11.8	36	95.6	L359027-20	WG376845
Acetone	mg/kg	0.256	0.294	13.7	34	102.	L359027-20	WG376845
Acrylonitrile	mg/kg	0.255	0.291	13.4	35	102.	L359027-20	WG376845
Benzene	mg/kg	0.0520	0.0529	1.74	31	104.	L359027-20	WG376845
Bromobenzene	mg/kg	0.0490	0.0443	10.1	39	98.0	L359027-20	WG376845
Bromodichloromethane	mg/kg	0.0536	0.0554	3.36	30	107.	L359027-20	WG376845
Bromoform	mg/kg	0.0507	0.0479	5.64	34	101.	L359027-20	WG376845
Bromomethane	mg/kg	0.0542	0.0528	2.61	41	108.	L359027-20	WG376845
Carbon tetrachloride	mg/kg	0.0581	0.0577	0.676	34	116.	L359027-20	WG376845
Chlorobenzene	mg/kg	0.0501	0.0457	9.08	34	100.	L359027-20	WG376845
Chlorodibromomethane	mg/kg	0.0537	0.0536	0.211	32	107.	L359027-20	WG376845
Chloroethane	mg/kg	0.0593	0.0569	4.13	38	119.	L359027-20	WG376845
Chloroform	mg/kg	0.0591	0.0610	3.25	30	118.	L359027-20	WG376845
Chloromethane	mg/kg	0.0437	0.0458	4.74	35	87.3	L359027-20	WG376845
cis-1,2-Dichloroethene	mg/kg	0.0575	0.0589	2.34	31	115.	L359027-20	WG376845
cis-1,3-Dichloropropene	mg/kg	0.0491	0.0522	6.10	32	98.2	L359027-20	WG376845
Di-isopropyl ether	mg/kg	0.0567	0.0607	6.84	29	113.	L359027-20	WG376845
Dibromomethane	mg/kg	0.0483	0.0498	3.04	30	96.5	L359027-20	WG376845
Dichlorodifluoromethane	mg/kg	0.0434	0.0432	0.521	38	86.8	L359027-20	WG376845
Ethylbenzene	mg/kg	0.0483	0.0454	6.21	36	96.7	L359027-20	WG376845
Hexachloro-1,3-butadiene	mg/kg	0.0399	0.0389	2.49	50	79.9	L359027-20	WG376845
Isopropylbenzene	mg/kg	0.0518	0.0466	10.6	37	104.	L359027-20	WG376845
Methyl tert-butyl ether	mg/kg	0.0563	0.0637	12.4	31	113.	L359027-20	WG376845
Methylene Chloride	mg/kg	0.0481	0.0524	8.73	31	96.1	L359027-20	WG376845
n-Butylbenzene	mg/kg	0.0364	0.0368	1.02	48	72.8	L359027-20	WG376845
n-Propylbenzene	mg/kg	0.0485	0.0432	11.7	40	97.1	L359027-20	WG376845
Naphthalene	mg/kg	0.0399	0.0364	9.16	43	79.9	L359027-20	WG376845
p-Isopropyltoluene	mg/kg	0.0486	0.0434	11.3	43	97.1	L359027-20	WG376845
sec-Butylbenzene	mg/kg	0.0495	0.0441	11.5	43	98.9	L359027-20	WG376845
Styrene	mg/kg	0.0509	0.0477	6.48	35	102.	L359027-20	WG376845
tert-Butylbenzene	mg/kg	0.0520	0.0459	12.5	39	104.	L359027-20	WG376845
Tetrachloroethene	mg/kg	0.0445	0.0396	11.6	35	89.1	L359027-20	WG376845
Toluene	mg/kg	0.0439	0.0459	4.58	32	87.7	L359027-20	WG376845
trans-1,2-Dichloroethene	mg/kg	0.0505	0.0517	2.35	33	101.	L359027-20	WG376845
trans-1,3-Dichloropropene	mg/kg	0.0485	0.0518	6.61	32	97.0	L359027-20	WG376845
Trichloroethene	mg/kg	0.0509	0.0483	5.25	33	102.	L359027-20	WG376845
Trichlorofluoromethane	mg/kg	0.0572	0.0567	0.864	32	114.	L359027-20	WG376845
Vinyl chloride	mg/kg	0.0485	0.0482	0.752	36	97.0	L359027-20	WG376845
Xylenes, Total	mg/kg	0.145	0.134	7.96	36	96.8	L359027-20	WG376845
1,1,1,2-Tetrachloroethane	mg/kg	0.0321	0.0473	38.3	31	64.2	L358201-38	WG376859
1,1,1-Trichloroethane	mg/kg	0.0451	0.0554	20.6	32	90.1	L358201-38	WG376859
1,1,2,2-Tetrachloroethane	mg/kg	0.0207	0.0383	59.4	33	41.5	L358201-38	WG376859
1,1,2-Trichloroethane	mg/kg	0.0246	0.0411	50.0	29	49.3	L358201-38	WG376859
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0466	0.0568	19.8	35	93.1	L358201-38	WG376859
1,1-Dichloroethane	mg/kg	0.0379	0.0502	27.7	31	75.9	L358201-38	WG376859
1,1-Dichloroethene	mg/kg	0.0394	0.0506	25.0	34	78.8	L358201-38	WG376859
1,1-Dichloropropene	mg/kg	0.0363	0.0486	28.9	34	72.6	L358201-38	WG376859
1,2,3-Trichlorobenzene	mg/kg	0.0098	0.0267	92.1	43	19.7	L358201-38	WG376859
1,2,3-Trichloropropane	mg/kg	0.0232	0.0435	60.9	32	46.4	L358201-38	WG376859
1,2,3-Trimethylbenzene	mg/kg	0.0342	0.0577	51.3	36	68.3	L358201-38	WG376859
1,2,4-Trichlorobenzene	mg/kg	0.0092	0.0236	87.2	44	18.5	L358201-38	WG376859
1,2,4-Trimethylbenzene	mg/kg	0.0234	0.0377	46.7	41	46.8	L358201-38	WG376859
1,2-Dibromo-3-Chloropropane	mg/kg	0.0232	0.0509	74.9	35	46.4	L358201-38	WG376859
1,2-Dibromoethane	mg/kg	0.0194	0.0360	59.8	31	38.8	L358201-38	WG376859
1,2-Dichlorobenzene	mg/kg	0.0195	0.0407	70.2	35	39.1	L358201-38	WG376859



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**Quality Assurance Report  
Level II**

Raleigh, NC 27613

L359037

August 18, 2008

1,2-Dichloroethane mg/kg 0.0365 0.0551 40.6 29 73.1 L358201-38 WG376859

Analyte	Units	Matrix Spike Duplicate		RPD	Limit	%Rec	Ref Samp	Batch
		MSD Res	Ref Res					
1,2-Dichloropropane	mg/kg	0.0311	0.0443	35.0	30	62.2	L358201-38	WG376859
1,3,5-Trimethylbenzene	mg/kg	0.0255	0.0397	43.3	39	51.1	L358201-38	WG376859
1,3-Dichlorobenzene	mg/kg	0.0141	0.0274	64.2	38	28.1	L358201-38	WG376859
1,3-Dichloropropane	mg/kg	0.0228	0.0387	51.8	29	45.6	L358201-38	WG376859
1,4-Dichlorobenzene	mg/kg	0.0183	0.0384	71.2	36	36.5	L358201-38	WG376859
2,2-Dichloropropane	mg/kg	0.0439	0.0541	21.0	32	87.7	L358201-38	WG376859
2-Butanone (MEK)	mg/kg	0.194	0.270	33.0	37	77.5	L358201-38	WG376859
2-Chloroethyl vinyl ether	mg/kg	0.121	0.197	47.9	50	48.3	L358201-38	WG376859
2-Chlorotoluene	mg/kg	0.0228	0.0371	47.7	37	45.6	L358201-38	WG376859
4-Chlorotoluene	mg/kg	0.0173	0.0316	58.5	38	34.6	L358201-38	WG376859
4-Methyl-2-pentanone (MIBK)	mg/kg	0.176	0.262	39.2	36	70.5	L358201-38	WG376859
Acetone	mg/kg	0.268	0.343	24.5	34	107.	L358201-38	WG376859
Acrylonitrile	mg/kg	0.171	0.240	33.6	35	68.5	L358201-38	WG376859
Benzene	mg/kg	0.0348	0.0469	29.6	31	69.6	L358201-38	WG376859
Bromobenzene	mg/kg	0.0165	0.0305	59.6	39	33.0	L358201-38	WG376859
Bromodichloromethane	mg/kg	0.0298	0.0462	42.9	30	59.7	L358201-38	WG376859
Bromoform	mg/kg	0.0162	0.0341	71.0	34	32.5	L358201-38	WG376859
Bromomethane	mg/kg	0.0419	0.0537	24.5	41	83.9	L358201-38	WG376859
Carbon tetrachloride	mg/kg	0.0432	0.0550	24.1	34	86.3	L358201-38	WG376859
Chlorobenzene	mg/kg	0.0227	0.0374	48.8	34	45.4	L358201-38	WG376859
Chlorodibromomethane	mg/kg	0.0230	0.0408	55.8	32	46.0	L358201-38	WG376859
Chloroethane	mg/kg	0.0333	0.0418	22.9	38	66.5	L358201-38	WG376859
Chloroform	mg/kg	0.0370	0.0507	31.3	30	74.0	L358201-38	WG376859
Chloromethane	mg/kg	0.0379	0.0450	17.1	35	75.8	L358201-38	WG376859
cis-1,2-Dichloroethene	mg/kg	0.0337	0.0469	32.5	31	67.5	L358201-38	WG376859
cis-1,3-Dichloropropene	mg/kg	0.0249	0.0396	45.8	32	49.8	L358201-38	WG376859
Di-isopropyl ether	mg/kg	0.0367	0.0472	24.9	29	73.4	L358201-38	WG376859
Dibromomethane	mg/kg	0.0274	0.0435	45.3	30	54.9	L358201-38	WG376859
Dichlorodifluoromethane	mg/kg	0.0431	0.0525	19.6	38	86.2	L358201-38	WG376859
Ethylbenzene	mg/kg	0.0271	0.0397	37.8	36	54.2	L358201-38	WG376859
Hexachloro-1,3-butadiene	mg/kg	0.0303	0.0557	59.1	50	60.6	L358201-38	WG376859
Isopropylbenzene	mg/kg	0.0278	0.0412	39.0	37	55.5	L358201-38	WG376859
Methyl tert-butyl ether	mg/kg	0.0406	0.0542	28.7	31	81.1	L358201-38	WG376859
Methylene Chloride	mg/kg	0.0359	0.0479	28.5	31	71.9	L358201-38	WG376859
n-Butylbenzene	mg/kg	0.0283	0.0506	56.6	48	56.6	L358201-38	WG376859
n-Propylbenzene	mg/kg	0.0236	0.0376	45.5	40	47.3	L358201-38	WG376859
Naphthalene	mg/kg	0.0104	0.0269	88.4	43	20.8	L358201-38	WG376859
p-Isopropyltoluene	mg/kg	0.0243	0.0388	45.9	43	48.6	L358201-38	WG376859
sec-Butylbenzene	mg/kg	0.0252	0.0387	42.1	43	50.5	L358201-38	WG376859
Styrene	mg/kg	0.0193	0.0337	54.2	35	38.7	L358201-38	WG376859
tert-Butylbenzene	mg/kg	0.0294	0.0434	38.3	39	58.9	L358201-38	WG376859
Tetrachloroethene	mg/kg	0.0314	0.0447	35.1	35	62.7	L358201-38	WG376859
Toluene	mg/kg	0.0310	0.0432	32.8	32	62.0	L358201-38	WG376859
trans-1,2-Dichloroethene	mg/kg	0.0356	0.0469	27.4	33	71.3	L358201-38	WG376859
trans-1,3-Dichloropropene	mg/kg	0.0210	0.0365	53.8	32	42.0	L358201-38	WG376859
Trichloroethene	mg/kg	0.0335	0.0474	34.3	33	67.0	L358201-38	WG376859
Trichlorofluoromethane	mg/kg	0.0463	0.0590	24.1	32	92.5	L358201-38	WG376859
Vinyl chloride	mg/kg	0.0358	0.0442	20.9	36	71.7	L358201-38	WG376859
Xylenes, Total	mg/kg	0.0802	0.120	40.0	36	53.5	L358201-38	WG376859
1,2,4-Trichlorobenzene	ppm	0.181	0.236	26.2	26	54.5	L359027-20	WG376896
2,4,6-Trichlorophenol	ppm	0.267	0.289	7.64	31	80.3	L359027-20	WG376896
2,4-Dichlorophenol	ppm	0.239	0.264	10.2	23	71.6	L359027-20	WG376896
2,4-Dimethylphenol	ppm	0.323	0.366	12.3	27	97.1	L359027-20	WG376896
2,4-Dinitrophenol	ppm	0.289	0.278	3.79	42	86.7	L359027-20	WG376896
2,4-Dinitrotoluene	ppm	0.253	0.266	5.03	23	76.0	L359027-20	WG376896
2,6-Dinitrotoluene	ppm	0.251	0.267	6.34	22	75.3	L359027-20	WG376896
2-Chloronaphthalene	ppm	0.233	0.258	10.1	20	69.9	L359027-20	WG376896
2-Chlorophenol	ppm	0.186	0.237	24.0	27	55.9	L359027-20	WG376896



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**Quality Assurance Report  
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August 18, 2008

L359037

2-Nitrophenol ppm 0.220 0.271 20.7 31 66.1 L359027-20 WG376896

Analyte	Units	Matrix Spike Duplicate		RPD	Limit	%Rec	Ref Samp	Batch
		MSD Res	Ref Res					
3,3-Dichlorobenzidine	ppm	0.203	0.211	4.15	41	60.9	L359027-20	WG376896
4,6-Dinitro-2-methylphenol	ppm	0.285	0.289	1.64	38	85.5	L359027-20	WG376896
4-Bromophenyl-phenylether	ppm	0.259	0.279	7.42	23	77.9	L359027-20	WG376896
4-Chloro-3-methylphenol	ppm	0.245	0.260	6.05	24	73.5	L359027-20	WG376896
4-Chlorophenyl-phenylether	ppm	0.266	0.282	5.77	20	80.0	L359027-20	WG376896
4-Nitrophenol	ppm	0.256	0.267	4.13	40	77.0	L359027-20	WG376896
Acenaphthene	ppm	0.236	0.258	8.82	23	70.9	L359027-20	WG376896
Acenaphthylene	ppm	0.243	0.263	7.90	22	72.9	L359027-20	WG376896
Anthracene	ppm	0.255	0.278	8.42	21	76.6	L359027-20	WG376896
Benidine	ppm	0.0004	0.0006	28.1	50	0.147	L359027-20	WG376896
Benzo(a)anthracene	ppm	0.245	0.262	6.57	33	73.6	L359027-20	WG376896
Benzo(a)pyrene	ppm	0.254	0.275	8.09	27	76.1	L359027-20	WG376896
Benzo(b)fluoranthene	ppm	0.174	0.185	6.22	33	52.2	L359027-20	WG376896
Benzo(g,h,i)perylene	ppm	0.178	0.191	7.37	35	53.4	L359027-20	WG376896
Benzo(k)fluoranthene	ppm	0.145	0.164	12.3	34	43.5	L359027-20	WG376896
Benzylbutyl phthalate	ppm	0.287	0.285	0.885	39	86.2	L359027-20	WG376896
Bis(2-chloroethoxy)methane	ppm	0.251	0.289	14.3	23	75.3	L359027-20	WG376896
Bis(2-chloroethyl)ether	ppm	0.181	0.242	29.1	30	54.2	L359027-20	WG376896
Bis(2-chloroisopropyl)ether	ppm	0.209	0.270	25.5	27	62.8	L359027-20	WG376896
Bis(2-ethylhexyl)phthalate	ppm	0.282	0.278	1.52	34	84.8	L359027-20	WG376896
Chrysene	ppm	0.242	0.267	9.54	31	72.8	L359027-20	WG376896
Di-n-butyl phthalate	ppm	0.281	0.299	6.16	22	84.3	L359027-20	WG376896
Di-n-octyl phthalate	ppm	0.271	0.279	3.12	27	81.3	L359027-20	WG376896
Dibenz(a,h)anthracene	ppm	0.177	0.193	8.87	30	53.2	L359027-20	WG376896
Diethyl phthalate	ppm	0.268	0.286	6.33	21	80.6	L359027-20	WG376896
Dimethyl phthalate	ppm	0.278	0.295	6.09	23	83.5	L359027-20	WG376896
Fluoranthene	ppm	0.246	0.267	7.92	29	74.0	L359027-20	WG376896
Fluorene	ppm	0.243	0.259	6.39	22	72.9	L359027-20	WG376896
Hexachloro-1,3-butadiene	ppm	0.199	0.266	29.0	26	59.7	L359027-20	WG376896
Hexachlorobenzene	ppm	0.257	0.279	8.36	27	77.2	L359027-20	WG376896
Hexachlorocyclopentadiene	ppm	0.177	0.213	18.7	39	53.1	L359027-20	WG376896
Hexachloroethane	ppm	0.147	0.226	42.0	35	44.3	L359027-20	WG376896
Indeno(1,2,3-cd)pyrene	ppm	0.178	0.190	6.45	32	53.6	L359027-20	WG376896
Isophorone	ppm	0.215	0.246	13.4	22	64.6	L359027-20	WG376896
n-Nitrosodi-n-propylamine	ppm	0.272	0.303	10.7	23	81.8	L359027-20	WG376896
n-Nitrosodimethylamine	ppm	0.172	0.234	30.3	38	51.7	L359027-20	WG376896
n-Nitrosodiphenylamine	ppm	0.288	0.312	7.97	26	86.5	L359027-20	WG376896
Naphthalene	ppm	0.192	0.235	19.9	26	57.7	L359027-20	WG376896
Nitrobenzene	ppm	0.187	0.239	24.1	24	56.2	L359027-20	WG376896
Pentachlorophenol	ppm	0.300	0.303	1.17	35	90.1	L359027-20	WG376896
Phenanthrene	ppm	0.244	0.264	7.88	27	73.3	L359027-20	WG376896
Phenol	ppm	0.237	0.283	17.7	22	71.2	L359027-20	WG376896
Pyrene	ppm	0.246	0.253	2.79	38	73.8	L359027-20	WG376896
C5-C8 Aliphatics	mg/kg	32.9	33.2	0.817	25	107.	L359036-01	WG376919
C9-C10 Aromatics	mg/kg	6.77	7.22	6.38	25	165.	L359036-01	WG376919
C9-C12 Aliphatics	mg/kg	27.0	27.9	3.43	25	120.	L359036-01	WG376919
Volatile Petroleum Hydrocarbons	mg/kg	53.1	53.9	1.43	0	2590	L359036-01	WG376919
1,1,1,2-Tetrachloroethane	mg/kg	0.239	0.228	4.43	31	95.4	L359201-21	WG377014
1,1,1-Trichloroethane	mg/kg	0.223	0.210	6.02	32	89.3	L359201-21	WG377014
1,1,2,2-Tetrachloroethane	mg/kg	0.0291	0.0871	99.8	33	11.7	L359201-21	WG377014
1,1,2-Trichloroethane	mg/kg	0.234	0.227	3.26	29	93.7	L359201-21	WG377014
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.208	0.199	4.85	35	83.4	L359201-21	WG377014
1,1-Dichloroethane	mg/kg	0.215	0.206	4.27	31	85.8	L359201-21	WG377014
1,1-Dichloroethene	mg/kg	0.210	0.200	5.03	34	84.0	L359201-21	WG377014
1,1-Dichloropropene	mg/kg	0.207	0.195	5.84	34	82.6	L359201-21	WG377014
1,2,3-Trichlorobenzene	mg/kg	0.218	0.206	5.65	43	87.4	L359201-21	WG377014
1,2,3-Trichloropropane	mg/kg	0.217	0.212	2.36	32	86.7	L359201-21	WG377014



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**Quality Assurance Report  
Level II**

August 18, 2008

L359037

1,2,3-Trimethylbenzene mg/kg 0.220 0.205 7.14 36 88.1 L359201-21 WG377014

Analyte	Units	Matrix Spike Duplicate		RPD	Limit	%Rec	Ref Samp	Batch
		MSD Res	Ref Res					
1,2,4-Trichlorobenzene	mg/kg	0.211	0.197	6.87	44	84.2	L359201-21	WG377014
1,2,4-Trimethylbenzene	mg/kg	0.191	0.183	4.33	41	76.3	L359201-21	WG377014
1,2-Dibromo-3-Chloropropane	mg/kg	0.271	0.251	7.59	35	108.	L359201-21	WG377014
1,2-Dibromoethane	mg/kg	0.236	0.228	3.32	31	94.2	L359201-21	WG377014
1,2-Dichlorobenzene	mg/kg	0.219	0.207	5.68	35	87.5	L359201-21	WG377014
1,2-Dichloroethane	mg/kg	0.227	0.217	4.69	29	90.9	L359201-21	WG377014
1,2-Dichloropropane	mg/kg	0.221	0.213	3.52	30	88.2	L359201-21	WG377014
1,3,5-Trimethylbenzene	mg/kg	0.188	0.181	4.15	39	75.3	L359201-21	WG377014
1,3-Dichlorobenzene	mg/kg	0.223	0.216	3.29	38	89.2	L359201-21	WG377014
1,3-Dichloropropane	mg/kg	0.225	0.217	3.68	29	89.9	L359201-21	WG377014
1,4-Dichlorobenzene	mg/kg	0.212	0.198	6.91	36	85.0	L359201-21	WG377014
2,2-Dichloropropane	mg/kg	0.225	0.213	5.76	32	90.2	L359201-21	WG377014
2-Butanone (MEK)	mg/kg	1.20	1.20	0.430	37	95.8	L359201-21	WG377014
2-Chloroethyl vinyl ether	mg/kg	1.19	1.17	1.61	50	94.8	L359201-21	WG377014
2-Chlorotoluene	mg/kg	0.220	0.213	3.14	37	88.0	L359201-21	WG377014
4-Chlorotoluene	mg/kg	0.226	0.218	3.51	38	90.3	L359201-21	WG377014
4-Methyl-2-pentanone (MIBK)	mg/kg	1.27	1.26	0.867	36	102.	L359201-21	WG377014
Acetone	mg/kg	1.12	1.11	0.644	34	89.3	L359201-21	WG377014
Acrylonitrile	mg/kg	1.24	1.23	1.15	35	99.2	L359201-21	WG377014
Benzene	mg/kg	0.202	0.193	4.32	31	80.7	L359201-21	WG377014
Bromobenzene	mg/kg	0.220	0.213	3.25	39	88.0	L359201-21	WG377014
Bromodichloromethane	mg/kg	0.236	0.226	4.14	30	94.3	L359201-21	WG377014
Bromoform	mg/kg	0.211	0.206	2.60	34	84.6	L359201-21	WG377014
Bromomethane	mg/kg	0.166	0.161	2.77	41	66.3	L359201-21	WG377014
Carbon tetrachloride	mg/kg	0.221	0.212	4.37	34	88.6	L359201-21	WG377014
Chlorobenzene	mg/kg	0.219	0.209	4.42	34	87.6	L359201-21	WG377014
Chlorodibromomethane	mg/kg	0.247	0.238	3.66	32	98.9	L359201-21	WG377014
Chloroethane	mg/kg	0.153	0.165	7.71	38	61.2	L359201-21	WG377014
Chloroform	mg/kg	0.223	0.210	6.10	30	89.1	L359201-21	WG377014
Chloromethane	mg/kg	0.190	0.180	4.98	35	75.9	L359201-21	WG377014
cis-1,2-Dichloroethene	mg/kg	0.218	0.207	5.17	31	87.0	L359201-21	WG377014
cis-1,3-Dichloropropene	mg/kg	0.228	0.221	3.19	32	91.3	L359201-21	WG377014
Di-isopropyl ether	mg/kg	0.235	0.222	5.65	29	94.1	L359201-21	WG377014
Dibromomethane	mg/kg	0.226	0.220	2.58	30	90.5	L359201-21	WG377014
Dichlorodifluoromethane	mg/kg	0.185	0.176	4.84	38	73.9	L359201-21	WG377014
Ethylbenzene	mg/kg	0.221	0.209	5.33	36	88.4	L359201-21	WG377014
Hexachloro-1,3-butadiene	mg/kg	0.200	0.175	12.9	50	79.8	L359201-21	WG377014
Isopropylbenzene	mg/kg	0.223	0.211	5.77	37	89.2	L359201-21	WG377014
Methyl tert-butyl ether	mg/kg	0.246	0.237	3.81	31	98.4	L359201-21	WG377014
Methylene Chloride	mg/kg	0.189	0.179	5.77	31	75.7	L359201-21	WG377014
n-Butylbenzene	mg/kg	0.222	0.204	8.38	48	88.8	L359201-21	WG377014
n-Propylbenzene	mg/kg	0.219	0.208	5.30	40	87.6	L359201-21	WG377014
Naphthalene	mg/kg	0.229	0.222	3.12	43	91.5	L359201-21	WG377014
p-Isopropyltoluene	mg/kg	0.183	0.172	5.73	43	73.1	L359201-21	WG377014
sec-Butylbenzene	mg/kg	0.215	0.201	6.37	43	85.8	L359201-21	WG377014
Styrene	mg/kg	0.190	0.181	4.82	35	76.2	L359201-21	WG377014
tert-Butylbenzene	mg/kg	0.188	0.178	5.91	39	75.4	L359201-21	WG377014
Tetrachloroethene	mg/kg	0.210	0.201	4.23	35	84.0	L359201-21	WG377014
Toluene	mg/kg	0.202	0.193	4.35	32	80.6	L359201-21	WG377014
trans-1,2-Dichloroethene	mg/kg	0.202	0.196	3.02	33	80.6	L359201-21	WG377014
trans-1,3-Dichloropropene	mg/kg	0.203	0.196	3.90	32	81.4	L359201-21	WG377014
Trichloroethene	mg/kg	0.399	0.348	13.9	33	160.	L359201-21	WG377014
Trichlorofluoromethane	mg/kg	0.189	0.175	7.69	32	75.6	L359201-21	WG377014
Vinyl chloride	mg/kg	0.190	0.184	2.95	36	75.9	L359201-21	WG377014
Xylenes, Total	mg/kg	0.591	0.565	4.34	36	78.7	L359201-21	WG377014
C5-C8 Aliphatics	mg/kg	758.	779.	2.69	25	101.	L359037-05	WG377626
C9-C10 Aromatics	mg/kg	450.	452.	0.583	25	110.	L359037-05	WG377626
C9-C12 Aliphatics	mg/kg	1030	1040	0.908	25	103.	L359037-05	WG377626



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Mr. Simon List  
9000 Breeland Way  
Raleigh, NC 27613

Quality Assurance Report  
Level II

August 18, 2008

L359037

Volatile Petroleum Hydrocarbons      mg/kg 1340      1370      2.02      0      2430      L359037-05 WG377626

Batch number /Run number / Sample number cross reference

WG376859: R441624: L359037-04 05  
WG376845: R442285: L359037-01  
WG377014: R443484: L359037-02 03  
WG376896: R446704: L359037-01 02 03 04 05  
WG376919: R446789: L359037-03  
WG376982: R447284: L359037-01 02 03 04 05  
WG377402: R447424: L359037-05  
WG377401: R447425: L359037-01 02 03 04  
WG377626: R448174: L359037-01 02 04 05

\* \* Calculations are performed prior to rounding of reported values .



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Quality Assurance Report  
Level II  
L359037

August 18, 2008

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Chain of Custody  
Page \_\_\_ of \_\_\_

Prepared by:

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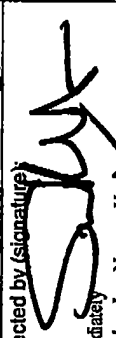
Alternate billing information:

Company Name/Address:  
**STRECH CONSULTING PC**  
900 Breeland Way  
Rd., NC 27613

Report to: **S. R. LIST**  
Email to: **slister@stehen.com**

Project Description: **BROADSTONE STATION**  
City/State Collected: **NC**

Phone: **919 8700762** Client Project #: **1252**  
FAX: **919 8700773**

Collected by: **S. R. LIST** P.O.#:  
Collected by (signature):  ESC Key:  
Immediately Packed on Ice N \_\_\_ Y \_\_\_

Analysis/Container/Preservative

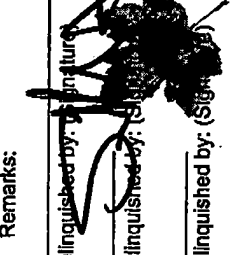
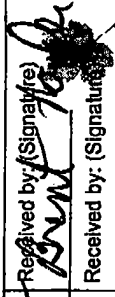
8060 (5066 PEP)	VEH. MTRB	VEH	8070 + 10 PERKS	EPH					
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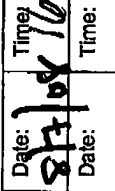

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	Date Results Needed:		No. of Cnts	Remarks/Contaminant	Sample # (lab only)
						Email? ___ No ___ Yes	FAX? ___ No ___ Yes			
900 Hayes Side 1	Soil	5-6	8-6	8-7				5		7590311-01
900 Side 2		5-6								02
900 Side 3		5-6								07
900 Side 4		5-6								09
900 Bottom		14-15								05

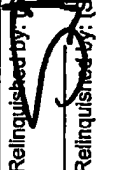

\*Matrix SS - Soil/Solid GW - Groundwater WW - Waste Water DW - Drinking Water OT - Other

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature)  Received by: (Signature) 

Relinquished by: (Signature)  Received by: (Signature) 

Relinquished by: (Signature)  Received by: (Signature) 

Date: 8/7/08 10:35 Time: 10:35

Date: 8/7/08 10:35 Time: 10:35

Date: 8/7/08 10:35 Time: 10:35

Samples returned via:  UPS  SNA  
 FedEx  Courier

Temp: 32°C Bottles Received: 25 + 113  
Date: 8/7/08 Time: 10:00

Condition:  Confirmed  N/A  
ECC Status:  Intact  N/A  
pH checked:  N/A



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Raleigh, NC 27613

Report Summary

Wednesday September 03, 2008

Report Number: L361687

Samples Received: 08/23/08

Client Project: 1252

Description: 832 Hughes

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

*Terri Fudge*  
Terrie Fudge, ESC Representative

**Laboratory Certification Numbers**

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487  
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140  
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233  
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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1 Samples Reported: 09/03/08 12:47 Printed: 09/03/08 12:47

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