**From:** "JOHN BRUSSEL" <JCB@bbl-inc.com>
**To:** "Alicia Barraza" <aabarraz@gw.dec.state.ny.us>
**Date:** 4/11/2006 3:30:09 PM
**Subject:** Re: Bayer Hicksville - UST Removal

Alicia:

Please find the attached PDF file containing the analytical data report (Form 1 results) inadvertantly omitted from the letter referenced below.

Per a call a few minutes ago with Robin Putnam of the Nassau County DOH, she received the letter and forwarded it to Michael Palmisano (the health inspector who visited the site) to get his concurrence. She indicated that the DOH's e-mail system is "quirky"; so I will send her a copy of the lab results by regular mail.

I mentioned to Robin that you may be calling to discuss the letter/approval. You can reach her at (516) 571-3314.

Feel free to call Joel Robinson or myself if you have any questions.

Thank you.

-John

>>> "Alicia Barraza" <aabarraz@gw.dec.state.ny.us> 4/11/2006 10:46 AM >>>

John -
I have reviewed the "AOC 51 - UST Removal and Verification Soil Sampling Summary" which was submitted to DEC and Nassau County DOH on March 21, 2006. In general, I concur with the summary that was submitted. However, I did not receive the "Attachment A" referenced on page 3. I would like to get a copy of this attachment before giving my final concurrence. Also, did Bayer receive a response from Ms. Putnam regarding this submittal, as I do not have a phone number or email address for her?

Alicia

**CC:** <joel.robinson@bayerbms.com>

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

*Transmitted Via U.S. Mail*

March 21, 2006

Ms. Alicia Barraza
New York State Department of Environmental Conservation
Division of Solid & Hazardous Materials
Bureau of Solid Waste and Corrective Action
625 Broadway
Albany, New York 12233-7258

Ms. Robin Putnam
Nassau County Department of Health
240 Old Country Road
Mineola, New York 11501-4250

Re: Bayer MaterialScience LLC
125 New South Road – Hicksville, New York
USEPA ID#: NYD002920312
AOC 51 – UST Removal and Verification Soil Sampling Summary
BBL Project #: 2302.32305 #5

Dear Ms. Barraza and Ms. Putnam:

On behalf of Bayer MaterialScience LLC (Bayer), this letter summarizes the removal of an underground storage tank (UST) encountered beneath the western end of the former Plant 2 building at the above-referenced site. This letter also summarizes the results of verification soil sampling performed at the UST excavation limits. This letter is being submitted as requested by the Nassau County Department of Health (DOH) inspector (Mr. Michael Palmisano), who visited the site on January 17, 2006. As previously requested by the New York State Department of Environmental Conservation (NYSDEC), the UST is also being referred to as Area of Concern (AOC) 51. The general site layout and the former location of the UST are shown on Figure 1.

The UST removal activities are summarized below, followed by a summary of the verification soil sampling activities and results.

**UST Removal Activities**

The previously-unidentified UST was encountered by Blasland, Bouck & Lee, Inc.'s (BBL's) remedial construction and management affiliate, BBL Environmental Services, Inc. (BBLES), during the implementation of foundation demolition activities at the site. The UST was encountered approximately



6723 Towpath Road • P.O. Box 66 • Syracuse, NY 13214-0066
Tel (315) 446-9120 • Fax (315) 449-4111 • www.bbl-inc.com • Offices Nationwide

2 feet below the concrete floor slab at the western end of the Plant 2 building footprint, between two subsurface vertical concrete walls. Sand/gravel soils were encountered between the UST and the concrete sidewalls. BBLES and Bayer reviewed the extensive available onsite historic facility construction drawings and did not see the tank shown on the drawings. Based on the tank's location, Bayer suspected the tank was a former heating oil UST.

Field personnel observed that the tank was empty and did not exhibit any obvious odors. Piping connected to the tank was also empty. Testing was then performed inside and outside the tank (for volatile organic vapors, percent oxygen, combustible gas levels) to determine if a potentially hazardous atmosphere existed. Based on the air monitoring results, a hazardous atmosphere did not exist. The tank was subsequently removed and staged adjacent to the excavation. A concrete foundation was not encountered beneath the tank. The tank and piping, both constructed of steel, were corroded (several corrosion holes were noticed in the tank). However, soils surrounding the tank did not appear to be visibly-stained and did not exhibit obvious odors. BBLES collected one sample from each sidewall and from the bottom of the UST excavation for headspace screening using a photoionization detector (PID). The PID headspace screening result for each sample was 0.0 parts per million (ppm).

Based on dimensions of the tank as measured by BBLES (4-foot diameter by 10 feet, 8 inches long), the tank capacity was approximately 1,000 gallons. Because the tank was a suspected former heating oil UST, BBL contacted the Nassau County DOH to report the tank discovery. At the DOH's request, BBL completed a Nassau County DOH Tank Abandonment/Removal Notification Form, which was submitted to the DOH on January 17, 2006. The NYSDOH's inspector visited the site the same day.

**Verification Soil Sampling Activities**

Following the UST removal, verification soil sampling activities were performed in general accordance with Section B.2. of the New York State Department of Environmental Conservation (NYSDEC) Spill Prevention Operations Technology Series (SPOTS) Memo #14, titled "Site Assessments at Bulk Storage Facilities," dated August 1, 1994. The sampling activities were performed on February 1, 2006 and included collection of the following verification soil samples from the excavation limits:

- Two composite verification soil samples for laboratory analysis for polychlorinated biphenyls (PCBs) and Target Compound List (TCL) semi-volatile organic compounds (SVOCs). One of the samples (sample AOC-51-CS1) was formed from four discrete sidewall grab samples collected from the excavation sidewalls (one sample per sidewall). The other sample (sample AOC-51-CB1) was formed from four discrete grab samples collected from locations evenly distributed across the excavation bottom; and

- Seven discrete grab verification soil samples for laboratory analysis for TCL volatile organic compounds (VOCs), including one sample from each sidewall (samples AOC-51-DS1 through AOC-51-DS4) and three samples from the excavation bottom (samples AOC-51-DB1 through AOC-51-DB3).

Each of the discrete grab sidewall samples was collected from a distance approximately one-third to one-half up the height of the excavation sidewall. The sampling locations and sampling intervals for the discrete grab verification soil samples are summarized in the table below.

| Sample ID | Sampling Location | Sampling Interval |
|---|---|---|
| **Sidewall Samples** | | |
| AOC-51-DS1 | North Sidewall | 3.0-3.2' |
| AOC-51-DS2 | South Sidewall | 3.0-3.2' |
| AOC-51-DS3 | East Sidewall | 3.0-3.2' |
| AOC-51-DS4 | West Sidewall | 3.0-3.2' |
| **Bottom Samples** | | |
| AOC-51-DB1 | Bottom, Approximately 3' from East Sidewall | 6.0-6.2' |
| AOC-51-DB2 | Bottom, Center | 6.0-6.2' |
| AOC-51-DB3 | Bottom, Approximately 3' from West Sidewall | 6.0-6.2' |

Laboratory analysis of the verification soil samples was performed Severn Trent Laboratories, Inc. (STL) of Shelton, Connecticut. Analytical results were reported using NYSDEC Analytical Services Protocol (ASP) Category B data deliverables to support future validation, if needed.

## Verification Soil Sampling Results

Analytical results obtained from the laboratory analysis of the verification soil samples are presented in Table 1. The analytical data reports (Form 1 results) are included in Attachment A. The verification soil sampling results for PCBs, VOCs, and SVOCs are summarized below.

- PCBs were not detected in the verification soil samples at concentrations above the 1 ppm surface soil guidance value presented in the NYSDEC Technical and Administrative Guidance Memorandum titled "Determination of Soil Cleanup Levels and Cleanup Objectives," HWR-94-4046, dated January 24, 1994 (TAGM 4046).

- No VOCs were identified in the verification soil samples at concentrations above the soil guidance values presented in TAGM 4046.

- No SVOCs [except for benzo(a)pyrene] were identified in the verification soil samples at concentrations above the soil guidance values presented in TAGM 4046. Benzo(a)pyrene was identified in sample AOC-51-CB1 (collected from the excavation bottom) at an estimated concentration of 0.13 ppm, which is slightly above the 0.061 ppm TAGM 4046 soil guidance value. As indicated in TAGM 4046, the SVOC guidance values are the lower of either a conservative human health risk-based value or a value calculated via soil/groundwater partitioning methods to protect groundwater quality. The benzo(a)pyrene concentration in sample AOC-51-CB1 is well-below the 11 ppm guidance value for the protection of groundwater quality.

## UST Area Restoration

The UST excavation was backfilled with "exempt" (non-impacted) construction and demolition (C&D) debris generated by demolition activities (clean crushed concrete as defined in the NYSDEC-approved *Demolition Work Plan* [BBL, July 2005]) in early February 2006 in connection with site grading activities related to the foundation demolition work. The UST was rendered unfit for future use and was transported for offsite recycling of the scrap steel.

Based on the verification soil sampling results, no further action is proposed for AOC 51. Based on the work activities performed and analytical results summarized above, we request the NYSDEC and Nassau County DOH concurrence that no further action is needed. Please do not hesitate to call Joel Robinson of Bayer at (412) 777-4871 or the undersigned at (315) 671-9441 if you have any questions or require additional information.

Sincerely,

BLASLAND, BOUCK & LEE, INC.

John C. Brussel

John C. Brussel, P.E.
Sr. Engineer I

CSA/jlc
Enclosures

cc: Ms. Katy Murphy, New York State Department of Environmental Conservation – Region 1
Mr. Michael Palmisano, Nassau County Department of Health
Mr. Joel E. Robinson, Bayer MaterialScience LLC
Mr. Joseph Molina, III, P.E., BBL Environmental Services, Inc.

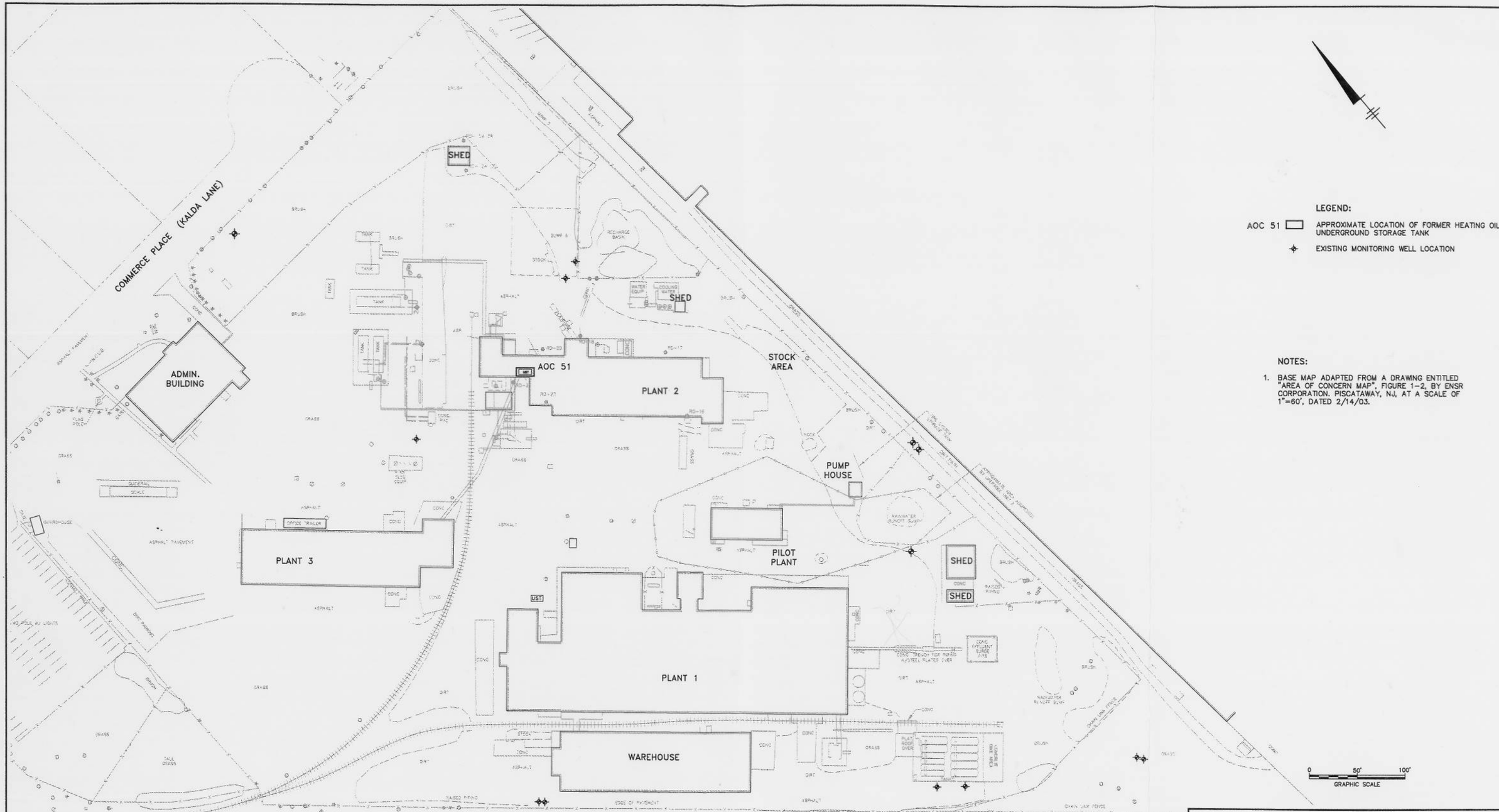
TABLE 1
AOC 51 VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBS AND DETECTED TCL VOCS & TCL SVOCS (ppm)

BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

| Sample ID: / Sample Type: / Date Collected: | TAGM 4046 Guidance Values | Sidewall Samples | | | | | Bottom Samples | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | AOC-51-CS1 (Composite) 02/01/06 | AOC-51-DS1 (Grab) 02/01/06 | AOC-51-DS2 (Grab) 02/01/06 | AOC-51-DS3 (Grab) 02/01/06 | AOC-51-DS4 (Grab) 02/01/06 | AOC-51-CB1 (Composite) 02/01/06 | AOC-51-DB1 (Grab) 02/01/06 | AOC-51-DB2 (Grab) 02/01/06 | AOC-51-DB3 (Grab) 02/01/06 |
| **PCBs** | | | | | | | | | | |
| Aroclor 1016 | - - | <0.19 | NA | NA | NA | NA | <0.19 | NA | NA | NA |
| Aroclor 1221 | - - | <0.37 | NA | NA | NA | NA | <0.36 | NA | NA | NA |
| Aroclor 1232 | - - | <0.19 | NA | NA | NA | NA | <0.19 | NA | NA | NA |
| Aroclor 1242 | - - | <0.19 | NA | NA | NA | NA | <0.19 | NA | NA | NA |
| Aroclor 1248 | - - | 0.29 | NA | NA | NA | NA | 0.33 | NA | NA | NA |
| Aroclor 1254 | - - | 0.56 | NA | NA | NA | NA | 0.30 | NA | NA | NA |
| Aroclor 1260 | - - | 0.075 J | NA | NA | NA | NA | <0.19 | NA | NA | NA |
| Total PCBs | 1.0/10.0* | 0.93 J | NA | NA | NA | NA | 0.63 | NA | NA | NA |
| **Detected VOCs** | | | | | | | | | | |
| Acetone | 0.2 | NA | 0.017 J | 0.0096 J | 0.0084 J | 0.0097 J | NA | 0.010 J | <0.022 | 0.013 J |
| Methylene chloride | 0.1 | NA | 0.0040 J | 0.0042 J | 0.0042 J | 0.0042 J | NA | 0.0040 J | 0.0029 J | 0.0039 J |
| Total VOC TICs | - - | NA | ND | ND | ND | ND | NA | ND | ND | 0.012 J |
| **Detected SVOCs** | | | | | | | | | | |
| Benzo(a)anthracene | 0.224 | 0.062 J | NA | NA | NA | NA | 0.11 J | NA | NA | NA |
| Benzo(a)pyrene | 0.061 | 0.057 J | NA | NA | NA | NA | 0.13 J | NA | NA | NA |
| Benzo(b)fluoranthene | 1.1 | <0.37 | NA | NA | NA | NA | 0.22 J | NA | NA | NA |
| Benzo(ghi)perylene | 50 | <0.37 | NA | NA | NA | NA | 0.070 J | NA | NA | NA |
| Benzo(k)fluoranthene | 1.1 | <0.37 | NA | NA | NA | NA | 0.070 J | NA | NA | NA |
| Bis(2-ethylhexyl)phthalate | 50 | 0.34 J | NA | NA | NA | NA | 0.26 J | NA | NA | NA |
| Chrysene | 0.4 | 0.072 J | NA | NA | NA | NA | 0.16 J | NA | NA | NA |
| Fluoranthene | 50 | 0.10 J | NA | NA | NA | NA | 0.26 J | NA | NA | NA |
| Indeno(1,2,3-cd)pyrene | 3.2 | <0.37 | NA | NA | NA | NA | 0.085 J | NA | NA | NA |
| Phenanthrene | 50 | 0.061 J | NA | NA | NA | NA | 0.13 J | NA | NA | NA |
| Pyrene | 50 | 0.10 J | NA | NA | NA | NA | 0.24 J | NA | NA | NA |
| Total SVOC TICs | - - | 110 J | NA | NA | NA | NA | 190 J | NA | NA | NA |

**Notes:**

1. Samples were collected by Blasland, Bouck & Lee, Inc. (BBL) on the dates indicated.
2. PCBs = Polychlorinated Biphenyls.
3. VOCs = Target Compound List (TCL) Volatile Organic Compounds.
4. SVOCs = TCL Semi-Volatile Organic Compounds.
5. Samples were analyzed by Severn Trent Laboratories, Inc. (STL) located in Shelton, Connecticut for:
   - PCBs using United States Environmental Protection Agency (USEPA) SW-846 Method 8082;
   - VOCs using USEPA SW-846 Method 8260B; and
   - SVOCs using USEPA SW-846 Method 8270C
6. With the exception of PCBs, only detected constituents are summarized.
7. Concentrations reported in parts per million (ppm), which is equivalent to milligrams per kilogram (mg/Kg).
8. J = Estimated result. Result is less than the laboratory detection limit.
9. TAGM 4046 Soil Guidance Values are from the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) titled "Determination of Soil Cleanup Objectives and Cleanup Levels," HWR-94-4046 (TAGM 4046) dated January 24, 1994.
10. * = The NYSDEC TAGM 4046 Soil Guidance Value for PCBs = 1 ppm and 10 ppm for surface and sub-surface soils respectively.
11. Shading indicates that the result exceeds the TAGM 4046 Soil Guidance Value.
12. -- = No TAGM 4046 Soil Guidance Value listed.
13. TIC = Tentatively Identified Compound.
14. NA - Not Analyzed.
15. ND - None Detected.
16. Results have not been validated.




LEGEND:

AOC 51 ▭ APPROXIMATE LOCATION OF FORMER HEATING OIL UNDERGROUND STORAGE TANK

⌖ EXISTING MONITORING WELL LOCATION

NOTES:

1. BASE MAP ADAPTED FROM A DRAWING ENTITLED "AREA OF CONCERN MAP", FIGURE 1-2, BY ENSR CORPORATION, PISCATAWAY, NJ, AT A SCALE OF 1"=60', DATED 2/14/03.

BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

# SITE LAYOUT PLAN

BBL BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists

FIGURE 1

X: 32303X01.DWG
L: ON=*, OFF=REF
P: PAGESET/SYR-DL
3/16/06 SYR-BS-GMS RCB
32305006/32303B04.DWG

# ANALYTICAL REPORT

JOB NUMBER: 212045

Prepared For:

BLASLAND, BOUCK & LEE
6723 Towpath Road
Box 66
Syracuse, NY 13214

Project: BAYER MATERIAL SCIEN

Attention: John Brussel

Date: 02/28/2006

Signature

Name: Johanna L. Dubauskas

Title: Project Manager

E-Mail: jdubauskas@stl-inc.com

Feb 28, 2006
Date

STL Connecticut
128 Long Hill Cross Road
Shelton, CT 06484

This Report Contains ( 1997 ) Pages

LABORATORY TEST RESULTS

Job Number: 212045 Date:02/28/2006

CUSTOMER: BLASLAND, BOUCK & LEE PROJECT: BAYER MATERIAL SCIEN ATTN: John Brussel

Customer Sample ID: AOC-51-DS1
Date Sampled.....: 02/01/2006
Time Sampled.....: 10:10
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-13
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASTM D-2216 | | | | | | | | | | | | |
| | % Solids, Solid | 90.5 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| | % Moisture, Solid | 9.5 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| 8260B | Volatile Organics | | | | | | | | | | | |
| | Chloromethane, Solid* | ND | U | | 0.99 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | Vinyl chloride, Solid* | ND | U | | 0.96 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | Bromomethane, Solid* | ND | U | | 0.91 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | Chloroethane, Solid* | ND | U | | 2.1 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | 1,1-Dichloroethene, Solid* | ND | U | | 1.2 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | Carbon disulfide, Solid* | ND | U | | 0.67 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | Acetone, Solid* | 17 | J | B | 3.5 | 22 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | Methylene chloride, Solid* | 4.0 | J | | 2.4 | 22 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | trans-1,2-Dichloroethene, Solid* | ND | U | | 0.64 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | 1,1-Dichloroethane, Solid* | ND | U | | 0.90 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | cis-1,2-Dichloroethene, Solid* | ND | U | M | 1.1 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | 2-Butanone (MEK), Solid* | ND | U | | 2.0 | 11 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | Chloroform, Solid* | ND | U | | 0.59 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | 1,1,1-Trichloroethane, Solid* | ND | U | | 0.93 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | Carbon tetrachloride, Solid* | ND | U | | 0.86 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | Benzene, Solid* | ND | U | | 0.95 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | 1,2-Dichloroethane, Solid* | ND | U | | 1.1 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | Trichloroethene, Solid* | ND | U | | 0.75 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | 1,2-Dichloropropane, Solid* | ND | U | | 1.2 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | Bromodichloromethane, Solid* | ND | U | | 0.93 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | cis-1,3-Dichloropropene, Solid* | ND | U | | 0.86 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | 4-Methyl-2-pentanone (MIBK), Solid* | ND | U | | 1.3 | 11 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | Toluene, Solid* | ND | U | | 0.93 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | trans-1,3-Dichloropropene, Solid* | ND | U | | 1.0 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 212045 Date:02/28/2006

CUSTOMER: BLASLAND, BOUCK & LEE PROJECT: BAYER MATERIAL SCIEN ATTN: John Brussel

Customer Sample ID: AOC-51-DS1
Date Sampled.....: 02/01/2006
Time Sampled.....: 10:10
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-13
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1,1,2-Trichloroethane, Solid* | ND | U | | 1.1 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | Tetrachloroethene, Solid* | ND | U | | 0.77 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | 2-Hexanone, Solid* | ND | U | | 2.8 | 11 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | Dibromochloromethane, Solid* | ND | U | | 0.45 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | Chlorobenzene, Solid* | ND | U | | 0.87 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | Ethylbenzene, Solid* | ND | U | | 0.87 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | Styrene, Solid* | ND | U | | 1.2 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | Bromoform, Solid* | ND | U | | 1.1 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | 1,1,2,2-Tetrachloroethane, Solid* | ND | U | | 1.3 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |
| | Xylenes (total), Solid* | ND | U | | 2.2 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2303 | lhd |

* In Description = Dry Wgt.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AOC-51-DS1

Lab Name: STL-CT Contract:

Lab Code: STL-CT Case No.: 212045 SAS No.: SDG No.: 212045

Matrix: (soil/water) SOIL Lab Sample ID: 212045-13

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N4030

Level: (low/med) LOW Date Received: 02/03/06

% Moisture: not dec. 10 Date Analyzed: 02/06/06

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

| | CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 1. | | | | | |
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| 30. | | | | | |

FORM I VOA-TIC

LABORATORY TEST RESULTS

Job Number: 212045

Date:02/28/2006

CUSTOMER: BLASLAND, BOUCK & LEE

PROJECT: BAYER MATERIAL SCIEN

ATTN: John Brussel

Customer Sample ID: AOC-51-DS2
Date Sampled.....: 02/01/2006
Time Sampled.....: 10:20
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-14
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASTM D-2216 | | | | | | | | | | | | |
| | % Solids, Solid | 88.2 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| | % Moisture, Solid | 11.8 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| 8260B | Volatile Organics | | | | | | | | | | | |
| | Chloromethane, Solid* | ND | U | | 1.0 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | Vinyl chloride, Solid* | ND | U | | 0.99 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | Bromomethane, Solid* | ND | U | | 0.93 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | Chloroethane, Solid* | ND | U | | 2.1 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | 1,1-Dichloroethene, Solid* | ND | U | | 1.2 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | Carbon disulfide, Solid* | ND | U | | 0.69 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | Acetone, Solid* | 9.6 | J | B | 3.6 | 23 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | Methylene chloride, Solid* | 4.2 | J | | 2.5 | 23 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | trans-1,2-Dichloroethene, Solid* | ND | U | | 0.66 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | 1,1-Dichloroethane, Solid* | ND | U | | 0.92 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | cis-1,2-Dichloroethene, Solid* | ND | U | | 1.2 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | 2-Butanone (MEK), Solid* | ND | U | | 2.0 | 11 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | Chloroform, Solid* | ND | U | | 0.60 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | 1,1,1-Trichloroethane, Solid* | ND | U | | 0.95 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | Carbon tetrachloride, Solid* | ND | U | | 0.88 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | Benzene, Solid* | ND | U | | 0.98 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | 1,2-Dichloroethane, Solid* | ND | U | | 1.1 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | Trichloroethene, Solid* | ND | U | | 0.77 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | 1,2-Dichloropropane, Solid* | ND | U | | 1.2 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | Bromodichloromethane, Solid* | ND | U | | 0.95 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | cis-1,3-Dichloropropene, Solid* | ND | U | | 0.88 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | 4-Methyl-2-pentanone (MIBK), Solid* | ND | U | | 1.3 | 11 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | Toluene, Solid* | ND | U | | 0.95 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | trans-1,3-Dichloropropene, Solid* | ND | U | | 1.0 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |

* In Description = Dry Wgt.

Job Number: 212045

# LABORATORY TEST RESULTS

Date:02/28/2006

CUSTOMER: BLASLAND, BOUCK & LEE

PROJECT: BAYER MATERIAL SCIEN

ATTN: John Brussel

Customer Sample ID: AOC-51-DS2
Date Sampled.....: 02/01/2006
Time Sampled.....: 10:20
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-14
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1,1,2-Trichloroethane, Solid* | ND | U | | 1.2 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | Tetrachloroethene, Solid* | ND | U | | 0.79 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | 2-Hexanone, Solid* | ND | U | | 2.9 | 11 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | Dibromochloromethane, Solid* | ND | U | | 0.46 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | Chlorobenzene, Solid* | ND | U | | 0.90 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | Ethylbenzene, Solid* | ND | U | | 0.90 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | Styrene, Solid* | ND | U | | 1.2 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | Bromoform, Solid* | ND | U | | 1.1 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | 1,1,2,2-Tetrachloroethane, Solid* | ND | U | | 1.4 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |
| | Xylenes (total), Solid* | ND | U | | 2.2 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2329 | lhd |

* In Description = Dry Wgt.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AOC-51-DS2

Lab Name: STL-CT Contract:

Lab Code: STL-CT Case No.: 212045 SAS No.: SDG No.: 212045

Matrix: (soil/water) SOIL Lab Sample ID: 212045-14

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N4031

Level: (low/med) LOW Date Received: 02/03/06

% Moisture: not dec. 12 Date Analyzed: 02/06/06

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

| | CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 1. | | | | | |
| 2. | | | | | |
| 3. | | | | | |
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FORM I VOA-TIC

LABORATORY TEST RESULTS

Job Number: 212045 Date:02/28/2006

CUSTOMER: BLASLAND, BOUCK & LEE PROJECT: BAYER MATERIAL SCIEN ATTN: John Brussel

Customer Sample ID: AOC-51-DS3
Date Sampled.....: 02/01/2006
Time Sampled.....: 10:30
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-15
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASTM D-2216 | | | | | | | | | | | | |
| | % Solids, Solid | 90.8 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| | % Moisture, Solid | 9.2 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| 8260B | Volatile Organics | | | | | | | | | | | |
| | Chloromethane, Solid* | ND | U | | 0.99 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | Vinyl chloride, Solid* | ND | U | | 0.96 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | Bromomethane, Solid* | ND | U | | 0.90 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | Chloroethane, Solid* | ND | U | | 2.1 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | 1,1-Dichloroethene, Solid* | ND | U | | 1.2 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | Carbon disulfide, Solid* | ND | U | | 0.67 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | Acetone, Solid* | 8.4 | J | B | 3.5 | 22 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | Methylene chloride, Solid* | 4.2 | J | | 2.4 | 22 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | trans-1,2-Dichloroethene, Solid* | ND | U | | 0.64 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | 1,1-Dichloroethane, Solid* | ND | U | | 0.89 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | cis-1,2-Dichloroethene, Solid* | ND | U | | 1.1 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | 2-Butanone (MEK), Solid* | ND | U | | 2.0 | 11 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | Chloroform, Solid* | ND | U | | 0.58 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | 1,1,1-Trichloroethane, Solid* | ND | U | | 0.93 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | Carbon tetrachloride, Solid* | ND | U | | 0.86 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | Benzene, Solid* | ND | U | | 0.95 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | 1,2-Dichloroethane, Solid* | ND | U | | 1.1 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | Trichloroethene, Solid* | ND | U | | 0.75 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | 1,2-Dichloropropane, Solid* | ND | U | | 1.2 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | Bromodichloromethane, Solid* | ND | U | | 0.93 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | cis-1,3-Dichloropropene, Solid* | ND | U | | 0.86 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | 4-Methyl-2-pentanone (MIBK), Solid* | ND | U | | 1.3 | 11 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | Toluene, Solid* | ND | U | | 0.93 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | trans-1,3-Dichloropropene, Solid* | ND | U | | 1.0 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 212045 Date: 02/28/2006

CUSTOMER: BLASLAND, BOUCK & LEE PROJECT: BAYER MATERIAL SCIEN ATTN: John Brussel

Customer Sample ID: AOC-51-DS3
Date Sampled.....: 02/01/2006
Time Sampled.....: 10:30
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-15
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1,1,2-Trichloroethane, Solid* | ND | U | | 1.1 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | Tetrachloroethene, Solid* | ND | U | | 0.77 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | 2-Hexanone, Solid* | ND | U | | 2.8 | 11 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | Dibromochloromethane, Solid* | ND | U | | 0.45 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | Chlorobenzene, Solid* | ND | U | | 0.87 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | Ethylbenzene, Solid* | ND | U | | 0.87 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | Styrene, Solid* | ND | U | | 1.2 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | Bromoform, Solid* | ND | U | | 1.1 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | 1,1,2,2-Tetrachloroethane, Solid* | ND | U | | 1.3 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |
| | Xylenes (total), Solid* | ND | U | | 2.2 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/06/06 2355 | lhd |

* In Description = Dry Wgt.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AOC-51-DS3

Lab Name: STL-CT Contract:

Lab Code: STL-CT Case No.: 212045 SAS No.: SDG No.: 212045

Matrix: (soil/water) SOIL Lab Sample ID: 212045-15

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N4032

Level: (low/med) LOW Date Received: 02/03/06

% Moisture: not dec. 9 Date Analyzed: 02/06/06

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

| | CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
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| 1. | | | | | |
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FORM I VOA-TIC

LABORATORY TEST RESULTS

Job Number: 212045 Date:02/28/2006

CUSTOMER: BLASLAND, BOUCK & LEE PROJECT: BAYER MATERIAL SCIEN ATIN: John Brussel

Customer Sample ID: ACC-51-DB1
Date Sampled.....: 02/01/2006
Time Sampled.....: 10:40
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-16
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASTM D-2216 | | | | | | | | | | | | |
| | % Solids, Solid | 90.5 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| | % Moisture, Solid | 9.5 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| 8260B | Volatile Organics | | | | | | | | | | | |
| | Chloromethane, Solid* | ND | U | | 0.99 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | Vinyl chloride, Solid* | ND | U | | 0.96 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | Bromomethane, Solid* | ND | U | | 0.91 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | Chloroethane, Solid* | ND | U | | 2.1 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | 1,1-Dichloroethene, Solid* | ND | U | | 1.2 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | Carbon disulfide, Solid* | ND | U | | 0.67 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | Acetone, Solid* | 10 | J | B | 3.5 | 22 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | Methylene chloride, Solid* | 4.0 | J | | 2.4 | 22 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | trans-1,2-Dichloroethene, Solid* | ND | U | | 0.64 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | 1,1-Dichloroethane, Solid* | ND | U | | 0.90 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | cis-1,2-Dichloroethene, Solid* | ND | U | | 1.1 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | 2-Butanone (MEK), Solid* | ND | U | | 2.0 | 11 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | Chloroform, Solid* | ND | U | | 0.59 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | 1,1,1-Trichloroethane, Solid* | ND | U | | 0.93 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | Carbon tetrachloride, Solid* | ND | U | | 0.86 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | Benzene, Solid* | ND | U | | 0.95 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | 1,2-Dichloroethane, Solid* | ND | U | | 1.1 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | Trichloroethene, Solid* | ND | U | | 0.75 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | 1,2-Dichloropropane, Solid* | ND | U | | 1.2 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | Bromodichloromethane, Solid* | ND | U | | 0.93 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | cis-1,3-Dichloropropene, Solid* | ND | U | | 0.86 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | 4-Methyl-2-pentanone (MIBK), Solid* | ND | U | | 1.3 | 11 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | Toluene, Solid* | ND | U | | 0.93 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | trans-1,3-Dichloropropene, Solid* | ND | U | | 1.0 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 212045 Date:02/28/2006

CUSTOMER: BLASLAND, BOUCK & LEE PROJECT: BAYER MATERIAL SCIEN ATTN: John Brussel

Customer Sample ID: AOC-51-DB1
Date Sampled.....: 02/01/2006
Time Sampled.....: 10:40
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-16
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1,1,2-Trichloroethane, Solid* | ND | U | | 1.1 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | Tetrachloroethene, Solid* | ND | U | | 0.77 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | 2-Hexanone, Solid* | ND | U | | 2.8 | 11 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | Dibromochloromethane, Solid* | ND | U | | 0.45 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | Chlorobenzene, Solid* | ND | U | | 0.87 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | Ethylbenzene, Solid* | ND | U | | 0.87 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | Styrene, Solid* | ND | U | | 1.2 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | Bromoform, Solid* | ND | U | | 1.1 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | 1,1,2,2-Tetrachloroethane, Solid* | ND | U | | 1.3 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |
| | Xylenes (total), Solid* | ND | U | | 2.2 | 5.5 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0020 | lhd |

* In Description = Dry Wgt.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AOC-51-DB1

Lab Name: STL-CT Contract:

Lab Code: STL-CT Case No.: 212045 SAS No.: SDG No.: 212045

Matrix: (soil/water) SOIL Lab Sample ID: 212045-16

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N4033

Level: (low/med) LOW Date Received: 02/03/06

% Moisture: not dec. 10 Date Analyzed: 02/07/06

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

Number TICs found: 0

| | CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 1. | | | | | |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |
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FORM I VOA-TIC

# LABORATORY TEST RESULTS

Job Number: 212045

Date: 02/28/2006

CUSTOMER: BLASLAND, BOUCK & LEE

PROJECT: BAYER MATERIAL SCIEN

ATTN: John Brussel

Customer Sample ID: ACC-51-DB2
Date Sampled.....: 02/01/2006
Time Sampled.....: 10:50
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-17
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASTM D-2216 | | | | | | | | | | | | |
| | % Solids, Solid | 89.7 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| | % Moisture, Solid | 10.3 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| 8260B | Volatile Organics | | | | | | | | | | | |
| | Chloromethane, Solid* | ND | U | | 1.0 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | Vinyl chloride, Solid* | ND | U | | 0.97 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | Bromomethane, Solid* | ND | U | | 0.91 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | Chloroethane, Solid* | ND | U | | 2.1 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | 1,1-Dichloroethene, Solid* | ND | U | | 1.2 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | Carbon disulfide, Solid* | ND | U | | 0.68 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | Acetone, Solid* | ND | U | B | 3.5 | 22 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | Methylene chloride, Solid* | 2.9 | J | | 2.5 | 22 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | trans-1,2-Dichloroethene, Solid* | ND | U | | 0.65 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | 1,1-Dichloroethane, Solid* | ND | U | | 0.90 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | cis-1,2-Dichloroethene, Solid* | ND | U | | 1.2 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | 2-Butanone (MEK), Solid* | ND | U | | 2.0 | 11 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | Chloroform, Solid* | ND | U | | 0.59 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | 1,1,1-Trichloroethane, Solid* | ND | U | | 0.94 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | Carbon tetrachloride, Solid* | ND | U | | 0.87 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | Benzene, Solid* | ND | U | | 0.96 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | 1,2-Dichloroethane, Solid* | ND | U | | 1.1 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | Trichloroethene, Solid* | ND | U | | 0.76 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | 1,2-Dichloropropane, Solid* | ND | U | | 1.2 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | Bromodichloromethane, Solid* | ND | U | | 0.94 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | cis-1,3-Dichloropropene, Solid* | ND | U | | 0.87 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | 4-Methyl-2-pentanone (MIBK), Solid* | ND | U | | 1.3 | 11 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | Toluene, Solid* | ND | U | | 0.94 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | trans-1,3-Dichloropropene, Solid* | ND | U | | 1.0 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 212045 Date: 02/28/2006

CUSTOMER: BLASLAND, BOUCK & LEE PROJECT: BAYER MATERIAL SCIEN ATTN: John Brussel

Customer Sample ID: AOC-51-DB2
Date Sampled.....: 02/01/2006
Time Sampled.....: 10:50
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-17
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1,1,2-Trichloroethane, Solid* | ND | U | | 1.2 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | Tetrachloroethene, Solid* | ND | U | | 0.78 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | 2-Hexanone, Solid* | ND | U | | 2.8 | 11 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | Dibromochloromethane, Solid* | ND | U | | 0.46 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | Chlorobenzene, Solid* | ND | U | | 0.88 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | Ethylbenzene, Solid* | ND | U | | 0.88 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | Styrene, Solid* | ND | U | | 1.2 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | Bromoform, Solid* | ND | U | | 1.1 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | 1,1,2,2-Tetrachloroethane, Solid* | ND | U | | 1.3 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |
| | Xylenes (total), Solid* | ND | U | | 2.2 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0046 | lhd |

* In Description = Dry Wgt.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AOC-51-DB2

Lab Name: STL-CT Contract:

Lab Code: STL-CT Case No.: 212045 SAS No.: SDG No.: 212045

Matrix: (soil/water) SOIL Lab Sample ID: 212045-17

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N4034

Level: (low/med) LOW Date Received: 02/03/06

% Moisture: not dec. 10 Date Analyzed: 02/07/06

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

| | CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
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FORM I VOA-TIC

# LABORATORY TEST RESULTS

Job Number: 212045

Date:02/28/2006

CUSTOMER: BLASLAND, BOUCK & LEE

PROJECT: BAYER MATERIAL SCIEN

ATTN: John Brussel

Customer Sample ID: AOC-51-DB3
Date Sampled.....: 02/01/2006
Time Sampled.....: 11:00
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-18
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASTM D-2216 | | | | | | | | | | | | |
| | % Solids, Solid | 88.0 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| | % Moisture, Solid | 12.0 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| 8260B | Volatile Organics | | | | | | | | | | | |
| | Chloromethane, Solid* | ND | U | | 1.0 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | Vinyl chloride, Solid* | ND | U | | 0.99 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | Bromomethane, Solid* | ND | U | | 0.93 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | Chloroethane, Solid* | ND | U | | 2.1 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | 1,1-Dichloroethene, Solid* | ND | U | | 1.2 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | Carbon disulfide, Solid* | ND | U | | 0.69 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | Acetone, Solid* | 13 | J | B | 3.6 | 23 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | Methylene chloride, Solid* | 3.9 | J | | 2.5 | 23 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | trans-1,2-Dichloroethene, Solid* | ND | U | | 0.66 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | 1,1-Dichloroethane, Solid* | ND | U | | 0.92 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | cis-1,2-Dichloroethene, Solid* | ND | U | | 1.2 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | 2-Butanone (MEK), Solid* | ND | U | | 2.0 | 11 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | Chloroform, Solid* | ND | U | | 0.60 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | 1,1,1-Trichloroethane, Solid* | ND | U | | 0.95 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | Carbon tetrachloride, Solid* | ND | U | | 0.89 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | Benzene, Solid* | ND | U | | 0.98 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | 1,2-Dichloroethane, Solid* | ND | U | | 1.1 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | Trichloroethene, Solid* | ND | U | | 0.77 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | 1,2-Dichloropropane, Solid* | ND | U | | 1.2 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | Bromodichloromethane, Solid* | ND | U | | 0.95 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | cis-1,3-Dichloropropene, Solid* | ND | U | | 0.89 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | 4-Methyl-2-pentanone (MIBK), Solid* | ND | U | | 1.3 | 11 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | Toluene, Solid* | ND | U | | 0.95 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | trans-1,3-Dichloropropene, Solid* | ND | U | | 1.0 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 212045

Date:02/28/2006

CUSTOMER: BLASLAND, BOUCK & LEE

PROJECT: BAYER MATERIAL SCIEN

ATTN: John Brussel

Customer Sample ID: AOC-51-DB3
Date Sampled.....: 02/01/2006
Time Sampled.....: 11:00
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-18
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1,1,2-Trichloroethane, Solid* | ND | U | | 1.2 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | Tetrachloroethene, Solid* | ND | U | | 0.80 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | 2-Hexanone, Solid* | ND | U | | 2.9 | 11 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | Dibromochloromethane, Solid* | ND | U | | 0.47 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | Chlorobenzene, Solid* | ND | U | | 0.90 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | Ethylbenzene, Solid* | ND | U | | 0.90 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | Styrene, Solid* | ND | U | | 1.2 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | Bromoform, Solid* | ND | U | | 1.1 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | 1,1,2,2-Tetrachloroethane, Solid* | ND | U | | 1.4 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |
| | Xylenes (total), Solid* | ND | U | | 2.2 | 5.7 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0112 | lhd |

* In Description = Dry Wgt.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AOC-51-DB3

Lab Name: STL-CT Contract:

Lab Code: STL-CT Case No.: 212045 SAS No.: SDG No.: 212045

Matrix: (soil/water) SOIL Lab Sample ID: 212045-18

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N4035

Level: (low/med) LOW Date Received: 02/03/06

% Moisture: not dec. 12 Date Analyzed: 02/07/06

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

Number TICs found: 1

| | CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 1. | 109-66-0 | PENTANE | 1.62 | 12 | NJB |
| 2. | | | | | |
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FORM I VOA-TIC

# LABORATORY TEST RESULTS

Job Number: 212045

Date:02/28/2006

CUSTOMER: BLASLAND, BOUCK & LEE

PROJECT: BAYER MATERIAL SCIEN

ATTN: John Brussel

Customer Sample ID: AOC-51-DS4
Date Sampled.....: 02/01/2006
Time Sampled.....: 11:10
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-19
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASTM D-2216 | | | | | | | | | | | | |
| | % Solids, Solid | 88.5 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| | % Moisture, Solid | 11.5 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| 8260B | Volatile Organics | | | | | | | | | | | |
| | Chloromethane, Solid* | ND | U | | 1.0 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | Vinyl chloride, Solid* | ND | U | | 0.98 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | Bromomethane, Solid* | ND | U | | 0.93 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | Chloroethane, Solid* | ND | U | | 2.1 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | 1,1-Dichloroethene, Solid* | ND | U | | 1.2 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | Carbon disulfide, Solid* | ND | U | | 0.69 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | Acetone, Solid* | 9.7 | J | B | 3.6 | 23 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | Methylene chloride, Solid* | 4.2 | J | | 2.5 | 23 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | trans-1,2-Dichloroethene, Solid* | ND | U | | 0.66 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | 1,1-Dichloroethane, Solid* | ND | U | | 0.92 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | cis-1,2-Dichloroethene, Solid* | ND | U | | 1.2 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | 2-Butanone (MEK), Solid* | ND | U | | 2.0 | 11 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | Chloroform, Solid* | ND | U | | 0.60 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | 1,1,1-Trichloroethane, Solid* | ND | U | | 0.95 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | Carbon tetrachloride, Solid* | ND | U | | 0.88 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | Benzene, Solid* | ND | U | | 0.97 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | 1,2-Dichloroethane, Solid* | ND | U | | 1.1 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | Trichloroethene, Solid* | ND | U | | 0.77 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | 1,2-Dichloropropane, Solid* | ND | U | | 1.2 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | Bromodichloromethane, Solid* | ND | U | | 0.95 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | cis-1,3-Dichloropropene, Solid* | ND | U | | 0.88 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | 4-Methyl-2-pentanone (MIBK), Solid* | ND | U | | 1.3 | 11 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | Toluene, Solid* | ND | U | | 0.95 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | trans-1,3-Dichloropropene, Solid* | ND | U | | 1.0 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |

* In Description = Dry Wgt.

LABORATORY TEST RESULTS

Job Number: 212045

Date: 02/28/2006

CUSTOMER: BLASLAND, BOUCK & LEE

PROJECT: BAYER MATERIAL SCIEN

ATTN: John Brussel

Customer Sample ID: AOC-51-DS4
Date Sampled.....: 02/01/2006
Time Sampled.....: 11:10
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-19
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1,1,2-Trichloroethane, Solid* | ND | U | | 1.2 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | Tetrachloroethene, Solid* | ND | U | | 0.79 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | 2-Hexanone, Solid* | ND | U | | 2.9 | 11 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | Dibromochloromethane, Solid* | ND | U | | 0.46 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | Chlorobenzene, Solid* | ND | U | | 0.89 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | Ethylbenzene, Solid* | ND | U | | 0.89 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | Styrene, Solid* | ND | U | | 1.2 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | Bromoform, Solid* | ND | U | | 1.1 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | 1,1,2,2-Tetrachloroethane, Solid* | ND | U | | 1.4 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |
| | Xylenes (total), Solid* | ND | U | | 2.2 | 5.6 | 1.00000 | ug/Kg | 61306 | | 02/07/06 0138 | lhd |

* In Description = Dry Wgt.

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

AOC-51-DS4

Lab Name: STL-CT Contract:

Lab Code: STL-CT Case No.: 212045 SAS No.: SDG No.: 212045

Matrix: (soil/water) SOIL Lab Sample ID: 212045-19

Sample wt/vol: 5.0 (g/mL) G Lab File ID: N4036

Level: (low/med) LOW Date Received: 02/03/06

% Moisture: not dec. 12 Date Analyzed: 02/07/06

GC Column: RTX-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

Number TICs found: 0

| | CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 1. | | | | | |
| 2. | | | | | |
| 3. | | | | | |
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| 28. | | | | | |
| 29. | | | | | |
| 30. | | | | | |

FORM I VOA-TIC

STL-Connecticut

LABORATORY TEST RESULTS

Job Number: 212045

Date:02/15/2006

CUSTOMER: BLASLAND, BOUCK & LEE PROJECT: BAYER MATERIAL SCIEN ATTN: John Brussel

Customer Sample ID: AOC-51-CS1
Date Sampled.....: 02/01/2006
Time Sampled.....: 09:50
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-11
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASTM D-2216 | | | | | | | | | | | | |
| | % Solids, Solid | 87.6 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| | % Moisture, Solid | 12.4 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| 8270C | Semivolatile Organics | | | | | | | | | | | |
| | Phenol, Solid* | ND | U | | 110 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Bis(2-chloroethyl)ether, Solid* | ND | U | | 51 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 1,3-Dichlorobenzene, Solid* | ND | U | | 57 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 1,4-Dichlorobenzene, Solid* | ND | U | | 60 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 1,2-Dichlorobenzene, Solid* | ND | U | | 63 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Benzyl alcohol, Solid* | ND | U | | 71 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 2-Methylphenol, Solid* | ND | U | | 100 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 2,2-oxybis (1-chloropropane), Solid* | ND | U | | 53 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | n-Nitroso-di-n-propylamine, Solid* | ND | U | | 51 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Hexachloroethane, Solid* | ND | U | | 66 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 4-Methylphenol, Solid* | ND | U | | 200 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 2-Chlorophenol, Solid* | ND | U | | 97 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Nitrobenzene, Solid* | ND | U | | 45 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Bis(2-chloroethoxy)methane, Solid* | ND | U | | 64 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 1,2,4-Trichlorobenzene, Solid* | ND | U | | 63 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Benzoic acid, Solid* | ND | U | | 100 | 1800 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Isophorone, Solid* | ND | U | | 68 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 2,4-Dimethylphenol, Solid* | ND | U | | 190 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Hexachlorobutadiene, Solid* | ND | U | | 77 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Naphthalene, Solid* | ND | U | | 64 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 2,4-Dichlorophenol, Solid* | ND | U | | 120 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 4-Chloroaniline, Solid* | ND | U | | 120 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 2,4,6-Trichlorophenol, Solid* | ND | U | | 96 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 2,4,5-Trichlorophenol, Solid* | ND | U | | 140 | 1800 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |

* In Description = Dry Wgt.

STL-Connecticut

LABORATORY TEST RESULTS

Job Number: 212045

Date:02/15/2006

CUSTOMER: BLASLAND, BOUCK & LEE

PROJECT: BAYER MATERIAL SCIEN

ATTN: John Brussel

Customer Sample ID: AOC-51-CS1
Date Sampled.....: 02/01/2006
Time Sampled.....: 09:50
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-11
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Hexachlorocyclopentadiene, Solid* | ND | U | | 280 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 2-Methylnaphthalene, Solid* | ND | U | | 60 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 2-Nitroaniline, Solid* | ND | U | | 47 | 1800 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 2-Chloronaphthalene, Solid* | ND | U | | 55 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 4-Chloro-3-methylphenol, Solid* | ND | U | | 130 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 2,6-Dinitrotoluene, Solid* | ND | U | | 69 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 2-Nitrophenol, Solid* | ND | U | | 130 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 3-Nitroaniline, Solid* | ND | U | | 78 | 1800 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Dimethyl phthalate, Solid* | ND | U | | 57 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 2,4-Dinitrophenol, Solid* | ND | U | | 130 | 1800 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Acenaphthylene, Solid* | ND | U | | 46 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 2,4-Dinitrotoluene, Solid* | ND | U | | 68 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Acenaphthene, Solid* | ND | U | | 62 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Dibenzofuran, Solid* | ND | U | | 60 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 4-Nitrophenol, Solid* | ND | U | | 160 | 1800 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Fluorene, Solid* | ND | U | | 48 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 4-Nitroaniline, Solid* | ND | U | | 54 | 740 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 4-Bromophenyl phenyl ether, Solid* | ND | U | | 57 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Hexachlorobenzene, Solid* | ND | U | | 55 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Diethyl phthalate, Solid* | ND | U | | 55 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 4-Chlorophenyl phenyl ether, Solid* | ND | U | | 52 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Pentachlorophenol, Solid* | ND | U | | 320 | 1800 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | n-Nitrosodiphenylamine, Solid* | ND | U | | 56 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 4,6-Dinitro-2-methylphenol, Solid* | ND | U | | 270 | 1800 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Phenanthrene, Solid* | 61 | | J | 44 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Anthracene, Solid* | ND | U | | 62 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Carbazole, Solid* | ND | U | | 55 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Di-n-butyl phthalate, Solid* | ND | U | | 50 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Fluoranthene, Solid* | 100 | | J | 47 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |

* In Description = Dry Wgt.

STL-Connecticut

LABORATORY TEST RESULTS

Job Number: 212045

Date:02/15/2006

CUSTOMER: BLASLAND, BOUCK & LEE

PROJECT: BAYER MATERIAL SCIEN

ATTN: John Brussel

Customer Sample ID: AOC-51-CS1
Date Sampled.....: 02/01/2006
Time Sampled.....: 09:50
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-11
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Pyrene, Solid* | 100 | J | | 52 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Butyl benzyl phthalate, Solid* | ND | U | | 48 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Benzo(a)anthracene, Solid* | 62 | J | | 51 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Chrysene, Solid* | 72 | J | | 47 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | 3,3-Dichlorobenzidine, Solid* | ND | U | | 100 | 740 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Bis(2-ethylhexyl)phthalate, Solid* | 340 | J | | 50 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Di-n-octyl phthalate, Solid* | ND | U | | 39 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Benzo(b)fluoranthene, Solid* | ND | U | | 100 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Benzo(k)fluoranthene, Solid* | ND | U | | 42 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Benzo(a)pyrene, Solid* | 57 | J | | 46 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Indeno(1,2,3-cd)pyrene, Solid* | ND | U | | 38 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Dibenzo(a,h)anthracene, Solid* | ND | U | | 42 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |
| | Benzo(ghi)perylene, Solid* | ND | U | | 42 | 370 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1605 | dmm |

* In Description = Dry Wgt.

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

AOC-51-CS1

Lab Name: STL-CT Contract:

Lab Code: STL-CT Case No.: 212045 SAS No.: SDG No.: 212045

Matrix: (soil/water) SOIL Lab Sample ID: 212045-11

Sample wt/vol: 15.2 (g/mL) G Lab File ID: R2421

Level: (low/med) LOW Date Received: 02/03/06

% Moisture: 12 decanted: (Y/N) N Date Extracted: 02/06/06

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/08/06

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

Number TICs found: 18

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

| | CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 1. | | UNKNOWN | 1.83 | 2100 | JB |
| 2. | | ALDOL CONDENSATION PRODUCT | 2.69 | 100000 | JAB |
| 3. | | UNKNOWN | 5.84 | 740 | J |
| 4. | | UNKNOWN | 6.65 | 890 | J |
| 5. | | UNKNOWN | 9.87 | 450 | J |
| 6. | | UNKNOWN | 9.97 | 650 | J |
| 7. | | UNKNOWN | 10.21 | 240 | J |
| 8. | | UNKNOWN | 10.32 | 260 | J |
| 9. | 26447-40-5 | DIPHENYLMETHANE DIISOCYANATE | 10.51 | 2300 | NJ |
| 10. | | UNKNOWN | 10.59 | 2700 | J |
| 11. | | UNKNOWN ALKANE | 10.81 | 630 | J |
| 12. | | UNKNOWN | 11.07 | 210 | J |
| 13. | | UNKNOWN | 11.43 | 200 | J |
| 14. | | UNKNOWN | 11.94 | 200 | J |
| 15. | | UNKNOWN | 12.18 | 640 | J |
| 16. | | UNKNOWN ALKANE | 15.45 | 230 | J |
| 17. | | UNKNOWN | 16.21 | 190 | J |
| 18. | | UNKNOWN | 16.25 | 1100 | J |
| 19. | | | | | |
| 20. | | | | | |
| 21. | | | | | |
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| 30. | | | | | |

FORM I SV-TIC

Job Number: 212045

# LABORATORY TEST RESULTS

Date:02/15/2006

CUSTOMER: BLASLAND, BOUCK & LEE  PROJECT: BAYER MATERIAL SCIEN  ATTN: John Brussel

Customer Sample ID: AOC-51-CB1
Date Sampled.....: 02/01/2006
Time Sampled.....: 10:00
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-12
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASTM D-2216 | | | | | | | | | | | | |
| | % Solids, Solid | 89.5 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| | % Moisture, Solid | 10.5 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| 8270C | Semivolatile Organics | | | | | | | | | | | |
| | Phenol, Solid* | ND | U | | 100 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Bis(2-chloroethyl)ether, Solid* | ND | U | | 49 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 1,3-Dichlorobenzene, Solid* | ND | U | | 55 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 1,4-Dichlorobenzene, Solid* | ND | U | | 57 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 1,2-Dichlorobenzene, Solid* | ND | U | | 61 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Benzyl alcohol, Solid* | ND | U | | 68 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 2-Methylphenol, Solid* | ND | U | | 96 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 2,2-oxybis (1-chloropropane), Solid* | ND | U | | 51 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | n-Nitroso-di-n-propylamine, Solid* | ND | U | | 49 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Hexachloroethane, Solid* | ND | U | | 64 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 4-Methylphenol, Solid* | ND | U | | 190 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 2-Chlorophenol, Solid* | ND | U | | 93 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Nitrobenzene, Solid* | ND | U | | 43 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Bis(2-chloroethoxy)methane, Solid* | ND | U | | 62 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 1,2,4-Trichlorobenzene, Solid* | ND | U | | 61 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Benzoic acid, Solid* | ND | U | | 97 | 1700 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Isophorone, Solid* | ND | U | | 65 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 2,4-Dimethylphenol, Solid* | ND | U | | 190 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Hexachlorobutadiene, Solid* | ND | U | | 74 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Naphthalene, Solid* | ND | U | | 62 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 2,4-Dichlorophenol, Solid* | ND | U | | 120 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 4-Chloroaniline, Solid* | ND | U | | 120 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 2,4,6-Trichlorophenol, Solid* | ND | U | | 92 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 2,4,5-Trichlorophenol, Solid* | ND | U | | 130 | 1700 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |

* In Description = Dry Wgt.

Job Number: 212045

# LABORATORY TEST RESULTS

Date:02/15/2006

CUSTOMER: BLASLAND, BOUCK & LEE PROJECT: BAYER MATERIAL SCIEN ATTN: John Brussel

Customer Sample ID: AOC-51-CB1
Date Sampled.....: 02/01/2006
Time Sampled.....: 10:00
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-12
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Hexachlorocyclopentadiene, Solid* | ND | U | | 270 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 2-Methylnaphthalene, Solid* | ND | U | | 57 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 2-Nitroaniline, Solid* | ND | U | | 45 | 1700 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 2-Chloronaphthalene, Solid* | ND | U | | 53 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 4-Chloro-3-methylphenol, Solid* | ND | U | | 120 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 2,6-Dinitrotoluene, Solid* | ND | U | | 66 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 2-Nitrophenol, Solid* | ND | U | | 130 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 3-Nitroaniline, Solid* | ND | U | | 75 | 1700 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Dimethyl phthalate, Solid* | ND | U | | 55 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 2,4-Dinitrophenol, Solid* | ND | U | | 120 | 1700 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Acenaphthylene, Solid* | ND | U | | 44 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 2,4-Dinitrotoluene, Solid* | ND | U | | 65 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Acenaphthene, Solid* | ND | U | | 59 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Dibenzofuran, Solid* | ND | U | | 57 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 4-Nitrophenol, Solid* | ND | U | | 150 | 1700 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Fluorene, Solid* | ND | U | | 47 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 4-Nitroaniline, Solid* | ND | U | | 52 | 710 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 4-Bromophenyl phenyl ether, Solid* | ND | U | | 55 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Hexachlorobenzene, Solid* | ND | U | | 53 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Diethyl phthalate, Solid* | ND | U | | 53 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 4-Chlorophenyl phenyl ether, Solid* | ND | U | | 50 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Pentachlorophenol, Solid* | ND | U | | 310 | 1700 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | n-Nitrosodiphenylamine, Solid* | ND | U | | 54 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 4,6-Dinitro-2-methylphenol, Solid* | ND | U | | 260 | 1700 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Phenanthrene, Solid* | 130 | J | | 42 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Anthracene, Solid* | ND | U | | 59 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Carbazole, Solid* | ND | U | | 53 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Di-n-butyl phthalate, Solid* | ND | U | | 48 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Fluoranthene, Solid* | 260 | J | | 45 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |

* In Description = Dry Wgt.

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

AOC-51-CB1

Lab Name: STL-CT Contract:

Lab Code: STL-CT Case No.: 212045 SAS No.: SDG No.: 212045

Matrix: (soil/water) SOIL Lab Sample ID: 212045-12

Sample wt/vol: 15.5 (g/mL) G Lab File ID: R2422

Level: (low/med) LOW Date Received: 02/03/06

% Moisture: 11 decanted: (Y/N) N Date Extracted: 02/06/06

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/08/06

Injection Volume: _____(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___

Number TICs found: 18

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

| | CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|---|
| 1. | | UNKNOWN | 1.84 | 5000 | JB |
| 2. | | ALDOL CONDENSATION PRODUCT | 2.75 | 170000 | JAB |
| 3. | | UNKNOWN | 5.51 | 730 | J |
| 4. | | UNKNOWN | 5.84 | 1200 | J |
| 5. | | UNKNOWN | 6.65 | 700 | J |
| 6. | 57-10-3 | N-HEXADECANOIC ACID | 9.87 | 410 | NJ |
| 7. | | UNKNOWN | 10.33 | 1000 | J |
| 8. | | UNKNOWN | 10.41 | 250 | J |
| 9. | 26447-40-5 | DIPHENYLMETHANE DIISOCYANATE | 10.51 | 2100 | NJ |
| 10. | | UNKNOWN ALKANE | 10.81 | 980 | J |
| 11. | | UNKNOWN | 11.43 | 320 | J |
| 12. | | UNKNOWN | 11.46 | 250 | J |
| 13. | | UNKNOWN | 11.85 | 240 | J |
| 14. | | UNKNOWN ALKANE | 11.94 | 260 | J |
| 15. | | UNKNOWN ALKANE | 13.13 | 220 | J |
| 16. | | UNKNOWN ALKANE | 15.46 | 340 | J |
| 17. | | UNKNOWN | 16.26 | 1200 | J |
| 18. | | UNKNOWN | 16.71 | 200 | J |
| 19. | | | | | |
| 20. | | | | | |
| 21. | | | | | |
| 22. | | | | | |
| 23. | | | | | |
| 24. | | | | | |
| 25. | | | | | |
| 26. | | | | | |
| 27. | | | | | |
| 28. | | | | | |
| 29. | | | | | |
| 30. | | | | | |

FORM I SV-TIC

Job Number: 212045

# LABORATORY TEST RESULTS

Date:02/15/2006

CUSTOMER: BLASLAND, BOUCK & LEE PROJECT: BAYER MATERIAL SCIEN ATTN: John Brussel

Customer Sample ID: AOC-51-CB1
Date Sampled.....: 02/01/2006
Time Sampled.....: 10:00
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-12
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Pyrene, Solid* | 240 | J | | 50 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Butyl benzyl phthalate, Solid* | ND | U | | 47 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Benzo(a)anthracene, Solid* | 110 | J | | 49 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Chrysene, Solid* | 160 | J | | 45 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | 3,3-Dichlorobenzidine, Solid* | ND | U | | 96 | 710 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Bis(2-ethylhexyl)phthalate, Solid* | 260 | J | | 48 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Di-n-octyl phthalate, Solid* | ND | U | | 38 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Benzo(b)fluoranthene, Solid* | 220 | J | | 100 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Benzo(k)fluoranthene, Solid* | 70 | J | M | 40 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Benzo(a)pyrene, Solid* | 130 | J | | 44 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Indeno(1,2,3-cd)pyrene, Solid* | 85 | J | | 37 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Dibenzo(a,h)anthracene, Solid* | ND | U | | 40 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |
| | Benzo(ghi)perylene, Solid* | 70 | J | | 40 | 360 | 1.00000 | ug/Kg | 61608 | | 02/08/06 1631 | dmm |

* In Description = Dry Wgt.

STL-Connecticut

# LABORATORY TEST RESULTS

Job Number: 212045

Date:02/24/2006

CUSTOMER: BLASLAND, BOUCK & LEE

PROJECT: BAYER MATERIAL SCIEN

ATTN: John Brusset

Customer Sample ID: AOC-51-CS1
Date Sampled.....: 02/01/2006
Time Sampled.....: 09:50
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-11
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASTM D-2216 | | | | | | | | | | | | |
| | % Solids, Solid | 87.6 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| | % Moisture, Solid | 12.4 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| 8082 | PCB Analysis | | | | | | | | | | | |
| | Aroclor 1016, Solid* | ND | U | | 32 | 190 | 10.0000 | ug/Kg | 61493 | | 02/09/06 2053 | kam |
| | Aroclor 1221, Solid* | ND | U | | 17 | 370 | 10.0000 | ug/Kg | 61493 | | 02/09/06 2053 | kam |
| | Aroclor 1232, Solid* | ND | U | | 21 | 190 | 10.0000 | ug/Kg | 61493 | | 02/09/06 2053 | kam |
| | Aroclor 1242, Solid* | ND | U | | 34 | 190 | 10.0000 | ug/Kg | 61493 | | 02/09/06 2053 | kam |
| | Aroclor 1248, Solid* | 290 | | | 30 | 190 | 10.0000 | ug/Kg | 61493 | | 02/09/06 2053 | kam |
| | Aroclor 1254, Solid* | 560 | | | 14 | 190 | 10.0000 | ug/Kg | 61493 | | 02/09/06 2053 | kam |
| | Aroclor 1260, Solid* | 75 | J | | 45 | 190 | 10.0000 | ug/Kg | 61493 | | 02/09/06 2053 | kam |

* In Description = Dry Wgt.

# LABORATORY TEST RESULTS

Job Number: 212045

Date:02/24/2006

CUSTOMER: BLASLAND, BOUCK & LEE

PROJECT: BAYER MATERIAL SCIEN

ATTN: John Brussel

Customer Sample ID: AOC-51-CB1
Date Sampled.....: 02/01/2006
Time Sampled.....: 10:00
Sample Matrix.....: Soil

Laboratory Sample ID: 212045-12
Date Received.....: 02/03/2006
Time Received.....: 09:35

| TEST METHOD | PARAMETER/TEST DESCRIPTION | SAMPLE RESULT | Q | FLAGS | MDL | RL | DILUTION | UNITS | BATCH | DT | DATE/TIME | TECH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ASTM D-2216 | | | | | | | | | | | | |
| | % Solids, Solid | 89.5 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| | % Moisture, Solid | 10.5 | | | 0.10 | 0.10 | 1 | % | 61157 | | 02/06/06 0000 | rlm |
| 8082 | PCB Analysis | | | | | | | | | | | |
| | Aroclor 1016, Solid* | ND | U | | 31 | 190 | 10.0000 | ug/Kg | 61493 | | 02/09/06 2109 | kam |
| | Aroclor 1221, Solid* | ND | U | | 17 | 360 | 10.0000 | ug/Kg | 61493 | | 02/09/06 2109 | kam |
| | Aroclor 1232, Solid* | ND | U | | 21 | 190 | 10.0000 | ug/Kg | 61493 | | 02/09/06 2109 | kam |
| | Aroclor 1242, Solid* | ND | U | | 33 | 190 | 10.0000 | ug/Kg | 61493 | | 02/09/06 2109 | kam |
| | Aroclor 1248, Solid* | 330 | | M | 30 | 190 | 10.0000 | ug/Kg | 61543 | | 02/09/06 2109 | kam |
| | Aroclor 1254, Solid* | 300 | | | 13 | 190 | 10.0000 | ug/Kg | 61493 | | 02/09/06 2109 | kam |
| | Aroclor 1260, Solid* | ND | U | | 44 | 190 | 10.0000 | ug/Kg | 61493 | | 02/09/06 2109 | kam |

* In Description = Dry Wgt.